Lincoln Memorial University – Undergraduate Programs

CATALOG 2025-2026

Updated June 2025

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6965 Cumberland Gap Parkway, Harrogate, Tennessee
Vol. XCVII July, 2025
www.lmunet.edu
423-869-3611

This edition of the Undergraduate Catalog is effective July 15th, 2025. For more detailed information about the University's graduate and professional degree programs refer to the applicable catalog.

The policies, programs, curricula, and fees set forth in this catalog are subject to change at any time at the discretion of Lincoln Memorial University (LMU). Because of the possibility of change or undetected error, important points of fact and interpretation should be confirmed by the appropriate University official.

In support of the Mission Statement and the principles on which it is based, Lincoln Memorial University is committed to equal opportunity for all students, staff, and faculty and to nondiscrimination in the recruitment, admission, and retention of students and the recruitment, hiring, promotion, and retention of faculty and staff.

Lincoln Memorial University reaffirms its commitment to personnel and educational policies that comply with the requirement applicable to equal opportunity/affirmative action laws, directives, executive orders, and regulations to the effect that no person at Lincoln Memorial University shall, on the basis of race, color, ethnicity, religion, sex, national origin, age, ancestry, disability, veteran status, sexual orientation, marital status, parental status, gender, gender identity, gender expression, and genetic information, or any other class protected by applicable law, be excluded from participating in, or be denied benefits of, any employment or educational opportunity.

All personnel and educational activities conducted by Lincoln Memorial University are subject to the equal opportunity, affirmative action, and nondiscrimination provisions of the Equal Pay Act of 1963; Title VII of the Civil Rights Act of 1964, as amended by H.R. 1746; the Civil Rights Act of 1991; Title IX of the Educational Amendments of 1972; Section 504 of the Rehabilitation Act of 1973, as amended by U.S.C. Title 41, Chapter 60; the Age Discrimination Act of 1967, as amended in 1974 and 1982; Executive Order 11246 (1965), amended by Executive Order 11375 (1968); the Americans With Disabilities Act of 1990 (PL101-336), as amended, and Section 402 of the Vietnam-Era Veterans Readjustment Assistance Act of 1972, amended in 1974.

All members of the University community bear responsibility for compliance with the equal opportunity, affirmative action, and nondiscrimination policies disseminated through the current University publications, including, but not limited to the *LMU Student Handbook* (ONLINE), the *Lincoln Memorial University Undergraduate Catalog, other program catalogs and handbooks*, and the *Lincoln Memorial University Employee Handbook*. Compliance is monitored and reported annually through the offices of the Executive Vice President for Academic Affairs, the Executive Vice President for Administration, the Office of Institutional Compliance, and the Office of Human Resources.

General Information

Accreditation

Lincoln Memorial University is accredited by the Southern Association of Colleges and Schools Commission on Colleges (SACSCOC) to award associate, baccalaureate, masters, educational specialist, and doctorate degrees. Lincoln Memorial University also may offer credentials such as certificates and diplomas at approved degree levels. Questions about the accreditation of Lincoln Memorial University may be directed in writing to the Southern Association of Colleges and Schools Commission on Colleges at 1866 Southern Lane, Decatur, GA 30033-4097, by calling (404) 679-4500, or by using information available on SACSCOC's website (www.sacscoc.org).

Individual program accreditation has been granted by:

- Accreditation Commission for Education in Nursing, Inc. (ACEN)
- Accreditation Council for Business Schools and Programs (ACBSP)
- Accreditation Council for Occupational Therapy Education (ACOTE)
- Accreditation Review Commission on Education for the Physician Assistant, Inc. (ARC-PA)
- Council of the Section of Legal Education and Admissions to the Bar of the American Bar Association (ABA)
- American Osteopathic Association-Commission on Osteopathic College Accreditation (AOA-COCA)
- American Veterinary Medical Association – Committee on Veterinary Technician Education and Activities (AVMA-CVTEA)
- American Veterinary Medical Association – Council on Education (AVMA-COE)
- Commission on Accreditation in Physical Therapy Education (CAPTE)
- Commission on Dental Accreditation (CODA)

- Council for Accreditation of Counseling and Related Educational Programs (CACREP)
- Council for the Accreditation of Educator Preparation (CAEP)
- Council on Accreditation of Nurse Anesthesia Educational Programs (COA-NAEP)
- Council on Social Work Education (CSWE)
- National Accrediting Agency for Clinical Laboratory Sciences (NAACLS)

Individual program approval has been granted by:

- State of Tennessee Department of Education
- Tennessee Higher Education Commission
- Kentucky Council on Postsecondary Education
- Kentucky Commission on Proprietary Education
- Tennessee Board of Nursing
- Kentucky Board of Nursing
- Florida Board of Nursing
- Tennessee Board of Law Examiners
- Florida Department of Education Commission for Independent Education
- State Council of Higher Education for Virginia

Message from the President

Jason McConnell, DBA

Founded in 1897, Lincoln Memorial University (LMU) embodies the vision of President Abraham Lincoln, creating a legacy of education that enriches and empowers. Our mission is to uplift and inspire students from the Appalachian region and beyond, providing a path to achieve their dreams through a variety of educational avenues, whether it be on our scenic campus, via our online offerings, or at one of our off-campus instructional sites. As you progress towards your degree, you'll gain more than just academic knowledge; you'll acquire the skills needed to thrive in your future career, laying down the foundations for enduring success.

I'm delighted to welcome you as you commence this significant chapter of your education at LMU. You are joining a caring community where each faculty and staff member is deeply invested in your journey, offering tailored support and a genuine interest in your well-being and success. Amidst today's unique challenges, we pledge to offer an innovative and supportive educational environment, where technology and personal growth opportunities abound. The effort and time you invest in your education here will significantly enhance your future, as the value of your degree is amplified by LMU's growing renown.

As you strive to achieve your goals, embracing the spirit of the Railsplitter, you are on the path to joining the distinguished ranks of LMU alumni. I have the utmost faith in your potential to excel and make the most of the opportunities presented within our nurturing learning environment. Your time at LMU is about more than academic achievement; it's about growing as a person and contributing positively to our community. Embracing the responsibilities that come with being part of our diverse and dynamic community is essential as you work towards your goals. Reflecting on President Lincoln's words about the paramount importance of education, I am thrilled to see you embark on this journey of discovery and success. Your path at LMU is paved with opportunities to achieve greatness, and I look forward to celebrating each step of your progress.

Presidents of Lincoln Memorial University

Cyrus Kehr	1897-1898
John Hale Larry	1899-1904
William L. Stooksbury	1904-1910
George A. Hubbell	1910-1922
Robert O. Matthews	1923-1927
Hervin Roop	1929-1931
H. Robinson Shipherd	1931-1932
Stewart W. McClelland	1932-1947
Robert L. Kincaid	1947-1958
Robert C. Provine	1958-1963
H. LaMarr Rice	1963-1967
Herbert Y. Livesay	1967-1973
Charles West	1973
Frank W. Welch	1973-1981
Gary J. Burchett	1981-1991
Scott D. Miller	1991-1997
R. Martin Peters	1997-1998
Jerry C. Bishop	1998-2001
Nancy B. Moody	2002-2009
C. Warren Neel	2009-2010
B. James Dawson	2010-2017
E. Clayton Hess	2017-2023
Jason McConnell	2024-present

Memberships

Abraham Lincoln Association	NC-SARA

American Association for Higher Education	National Association of College and University Business Officers
American Association of Colleges of Nursing	National Association of Diversity Officers in Higher Education
American Association of Collegiate Registrars and Admissions Officers	National Association of Foreign Student Advisors
American Association of Museums	National Association of Independent Colleges and Universities
American Association for State and Local History	National Association of Multicultural Educators
The American Council on Education	National Association of Student Financial Aid Administrators
American Library Association	National Association of Student Personnel Administrators
Appalachian College Association	National Career Development Association
Appalachian Consortium	National Collegiate Athletic Association
Appalachian Osteopathic Postgraduate Training Institute Consortium	National Collegiate Honors Council
Association of College and University Museums and Galleries	National Council of Educational Opportunity Associations
Association for Gerontology in Higher Education	National Council for State Authorization Reciprocity Agreements
Association of Governing Boards of Universities and Colleges	National League for Nursing
Association of Independent Liberal Arts Colleges for Teacher Education	National Organization of Nurse Practitioner Faculties
Association for Supervision and Curriculum Development	National Orientation Directors Association
Association of Veterinary Technician Educators	National Student Clearinghouse
Broadcast Education Association	Oak Ridge Associated Universities
Civil War Courier	Private College Consortium for International Studies
College and University Professional Association for Human Resources (National)	Rural Health Association of Tennessee
College and University Professional Association for Human Resources (Tennessee)	Society for Advancement of Management (SAM)
The College Board	South Atlantic Conference
Consortium for the Advancement of Private Higher Education	Southern Association for College Student Affairs
Consortium for Global Education	Southern Association of Collegiate Registrars and Admissions Officers
Council for Adult and Experiential Learning	Southern Association of Institutional Research
The Council for the Advancement and Support of Education	Southeastern Museums Conference
Council for Higher Education Accreditation	Study Tennessee
Council of Graduate Schools	TENN-SHARE
Council of Independent Colleges	TNAHEAD-Tennessee Ahead
Council on Undergraduate Research	Tennessee Academic Library Cooperative
East Tennessee College Alliance	Tennessee Association of Colleges and Employers
East Tennessee Historical Society	Tennessee Association of Colleges for Teacher Education
The Foundation for Independent Higher Education	Tennessee Association of Collegiate Registrars and Admissions Officers
International Alliance for Higher Education	Tennessee Association of Institutional Research
International University and Business Consortium	Tennessee Association of Museums
Interstate Career Fair	The Tennessee College Association
Kentucky Civil War Roundtable	Tennessee Career Development Association
Kentucky Association of Museums	Tennessee Conference of Graduate Schools
Kingsport Higher Education Consortium	Tennessee Educational Association of Veterans Program Administrators
Knoxville Area Health Science Library Consortium	Tennessee Hospital Association
The Lincoln Group	Tennessee Independent Colleges and Universities Association
LOEX	Tennessee Intercollegiate State Legislature
LYRASIS	Tennessee Osteopathic Medical Association
Medical Library Association	Veterinary Information Network
Museum Store Association	Virginia Association of Museums

Undergraduate Academic Calendar 2025-2026

Official University Holidays (Offices closed/no classes):
2025: September 1; November 26 - 28; December 24-31
2026: January 1; January 19; April 3; May 25 and July 3
Faculty/Staff Kickoff: August 11 – 14

Fall Semester 2025	
Final registration before classes begin	August 15
Welcome Weekend	August 14-17
Matriculation Ceremony	August 14
Residence halls open (8 a.m.)	August 17
Classes begin	August 18
Last day to complete registration/add classes	August 27
Labor Day (no classes, residence halls remain open)	September 1
Last day to drop course without "WD"	September 19
Homecoming (classes held as scheduled)	October 9-12

Mid-term	October 13-17
Fall Break (no classes)	October 23-24
Last day to drop course without "F"	October 24
Early registration begins	October 26
Thanksgiving holiday (no classes)	November 26 - 28
Residence halls open (1 p.m.)	November 30
Classes end	December 5
Final exams	December 8-12
Commencement (10 a.m.)	December 13
Residence halls close (2 p.m.)	December 13
Spring Semester 2026	
Final Registration before classes begin	January 9
Residence halls open (8 a.m.)	January 11
Classes begin	January 12
Martin Luther King Day (no classes)	January 19
Last day to complete registration/add classes	January 22
Lincoln Day/Founders Day (special activities)	February 12
Last day to drop course without "WD"	February 13
Mid-term	March 9-13
Last day to drop course without "F"	March 20
Early registration begins	March 22
Spring break (no classes)	March 30-April 3
Good Friday (no classes)	April 3
Classes end	May 1
Final exams	May 4-8
Commencement (10 a.m.)	May 9
Residence halls close (2 p.m.)	May 9
Summer Term 2026 (May 11 – July 31)	
Memorial Day (no classes)	May 25
Independence Day (no classes)	July 3

During the 12-week summer term, classes may meet 3 weeks, 4 weeks, etc., as long as the required number of contact hours is met.

Introduction

Mission and Purpose Statement

Lincoln Memorial University is a comprehensive values-based learning community dedicated to providing quality educational experiences at the undergraduate, graduate, and professional levels. The University strives to give students a foundation for a more productive life by upholding the principles of Abraham Lincoln's life: a dedication to individual liberty, responsibility, and improvement; a respect for citizenship; recognition of the intrinsic value of high moral and ethical standards; and a belief in a personal God.

While primarily committed to teaching, the University supports research and service. The University's curriculum and commitment to quality instruction at every level are based on the beliefs that graduates must be able to communicate clearly and effectively in an era of rapidly and continuously expanding communication technology, must have an appreciable depth of learning in a field of knowledge, must appreciate and understand the various ways by which we come to know ourselves and the world around us, and must be able to exercise informed judgments.

The University believes that one of the major cornerstones of meaningful existence is service to humanity. By making educational, service, and research opportunities available to students, Lincoln Memorial University seeks to improve life for the students it serves. While serving students from throughout the state, nation, and many other countries, the University retains a commitment to enrich the lives of people and communities in the Appalachian region.

Revised July 6, 2017; approved by Board of Trustees, November 10, 2017

Reviewed and reaffirmed by LMU Board of Trustees on April 25, 2025.

Institutional Goals

Lincoln Memorial University is a private, independent, non-sectarian University with a clearly defined mission that distinguishes it from other educational institutions. While the University cherishes its heritage and rich traditions, it recognizes that dynamic growth and change are required to meet the needs of today's students. The University has identified the following institutional goals that are derived from its mission and reflect its vision for the future:

1. Make educational opportunities available to all without reference to social status.
2. Strengthen student recruitment and retention by fostering an academic and social environment that facilitates success and rewards achievement.
3. Maintain fiscal integrity in all University activities, programs, and operations through efforts to increase endowment and financial standing.
4. Provide quality educational experiences that have their foundation in the liberal arts and professional studies, promote high personal standards, and

produce graduates with relevant career skills to compete in an ever-changing, increasingly global society.
5. Advance Cumberland Gap, Appalachia, and the global community through public service and outreach activities in continuing education, health care, leadership development, recreation, and the fine and performing arts.
6. Serve as a critical educational, cultural, and recreational center for the areas served and develop and maintain facilities, which are safe, accessible, and conducive to the development of body, mind, and spirit.
7. Attract and retain a highly qualified faculty and staff, committed to teaching, research and service.
8. Commit resources to support the Institution's primary role of teaching, and, as appropriate, research and service.
9. Support faculty and staff development programs with priority for allocation of resources determined by institutional needs.
10. Improve technological resources for faculty, staff, and students in all academic programs regardless of where or how programs are delivered.
11. Develop and implement academic programs in response to anticipated or demonstrated educational needs and continuously evaluate and improve the effectiveness of current programs.
12. Provide a caring and nurturing environment where students, faculty, and staff with varied talents, experiences, and aspirations come together to form a community that encourages students to grow intellectually and personally to meet their academic and career goals.
13. Provide quality educational opportunities through selected degree programs for students who live and/or work a significant distance from the Lincoln Memorial University main campus, and for whom other options are not as accessible or satisfactory.

Revised: April 25, 2025, by LMU Board of Trustees.

The Heritage

Lincoln Memorial University grew out of love and respect for Abraham Lincoln and today honors his name, values, and spirit. As the legend goes, in 1863 Lincoln commented to General O. O. Howard, a Union officer, that when the Civil War ended, he hoped General Howard would do something for the people of this area.

In the late 1800s, Colonel A. A. Arthur, an organizing agent of an English company, purchased the area where LMU is located. His company built a hotel of 700 rooms called "The Four Seasons," as well as a hospital, an inn, a sanitarium, and other smaller buildings. Roads were laid and the grounds planted with a wide variety of shrubs and trees. In 1895, the company was forced to abandon its project when a financial panic swept England.

Reverend A. A. Myers, a Congregationalist minister, came to the Cumberland Gap in 1888. He succeeded in opening the Harrow School, established for the purpose of providing elementary education to mountain children.

On a visit to the area to give a series of lectures at the Harrow School, General O. O. Howard remembered his commitment to fulfill Lincoln's request, and he joined Reverend Myers, M. F. Overton, C. F. Eager, A. B. Kesterson and M. Arthur in establishing Lincoln Memorial University. That group, along with Robert F. Patterson, a Confederate veteran, became a board of directors and purchased The Four Seasons property. In commemoration of Lincoln's birthday, the institution was chartered by the state of Tennessee on February 12, 1897, as Lincoln Memorial University.

Throughout the years, many thousands of LMU alumni have entered careers in medicine, law, and education. LMU graduates have positively impacted the educational opportunities, economic expansion, and health of countless communities in the Appalachian region and beyond.

LMU's strong heritage has propelled the growth of the University over the last decade, leading to the addition of professional schools: the DeBusk College of Osteopathic Medicine (DCOM), the Duncan School of Law (DSOL), and the College of Veterinary Medicine (CVM). Additionally, LMU has experienced growth at every degree level across the board.

LMU has expanded its international reach by partnering with educational institutions in Japan, Mongolia, China, Brazil, and Thailand.

Main Campus

Main Campus Community and Climate

LMU is located in Harrogate, Tennessee, in the heart of Appalachia, where the borders of Tennessee, Kentucky, and Virginia meet. It is adjacent to Cumberland Gap National Historical Park. The nearest town is Middlesboro, Kentucky, which offers shopping, a cinema, laundromats, dry cleaners, several restaurants, and other businesses college students may need to frequent. Harrogate offers several banks, churches, restaurants, a variety store, pharmacy, grocery store, and physicians' and dentists' offices, all within walking distance of the campus. Hillcrest Lanes

features a 20-lane bowling alley located approximately three miles from campus. For those desiring an urban experience, Knoxville, Tennessee, is 55 miles south of the campus.

The climate in the area is pleasant, with cold temperatures and occasional snow December through February, and 80-degree temperatures July through August. Both fall and spring are pleasant seasons, with temperatures ranging from the 50s to the 70s.

Main Campus

The 1,000 acre main campus—its grounds, buildings, equipment—is strikingly beautiful. Located in a rural setting in Harrogate, Tennessee, the campus is a visual treat. Stately trees, shrubs and open spaces, along with farmland and rolling hills that become the Cumberland Mountains, create a natural recreational area for enjoying nature on campus. Biking, cross-country trails, hiking, mountain climbing, and camping in the surrounding environs are activities available for all to enjoy. A portion of the campus is part of the Daniel Boone Greenway Walking/Biking Trail.

LMU facilities are equipped with current technology and amenities that enhance the learning environment. The University's Abraham Lincoln Library and Museum (ALLM) is a center for historical research and provides a number of educational programs for students, faculty, staff, and the general public. The ALLM is home to one of the nation's largest and most diverse collections of Lincoln and Civil War artifacts and supports an unmatched collection of fine and popular art, commemorating Abraham Lincoln reaching back over 150 years. Scholars from every region of the globe have visited the ALLM to study the life and thoughts of the nation's sixteenth president.

Duke Hall of Citizenship, along with its spacious Sam and Sue Mars Performing Arts Center, houses a few administrative offices, including Counseling Services, Accessible Education Services, and Information Services.

Grant-Lee Hall is the only original building on the Harrogate campus. It was part of the Four Seasons Hotel and has been recently renovated to house administrative offices for Academic Affairs, Academic and Student Support Services, general Administration, Human Resources, Finance, and University Advancement.

Historic Avery Hall, the first building to be built on campus, houses offices, classrooms, and rehearsal space for the Paul V. Hamilton School of Arts, Humanities, and Social Sciences.

Farr-Chinnock Hall is home to the J. Frank White Academy, a college preparatory school for Grades 4-12. Kresge Hall houses the lower school grades K-3. Academy students also use several other University facilities including Mars Gym, the library, and the dining hall.

The Harold M. Finley Learning Resources Center houses the Carnegie-Vincent Library, the Tagge Center for Academic Support, the Reed Health Sciences Library, the Dr. Mabel D. Smith Music Library, two computer labs, the Murray Alumni Lounge, and the Brooks Reading Room. The facility is the academic hub of campus with collections totaling more than 500,000 items including traditional and electronic books, electronic journals, bound periodicals, software, microfilm, and audiovisual materials. University Archives and Special Collections are housed in the Learning Resource Center as well.

LMU's Elizabeth D. Chinnock Chapel completes the campus quadrangle and provides a non-denominational atmosphere for religious and meditative retreat.

DAR-Whitford Hall houses Undergraduate Admissions, the Registrar, Student Services, and Student Financial Services. Marketing and Public Relations are also located in this building.

Smith Manor, formerly known as the President's Home, houses the President's Office and the Office of University Counsel.

The Student Center is the hub for a variety of activities from eating meals to watching movies and playing games. This complex, which houses dining options such Chick-fil-a, Starbucks, and the dining hall, is also home to the University bookstore, a workout facility, the campus post office, the campus print shop, and some administrative offices, including the Office of Residence Life.

The DeBusk College of Osteopathic Medicine (DCOM) facility houses the DeBusk College of Osteopathic Medicine and its programs, including the Doctor of Osteopathic Medicine (DO), Master of Science (MS) in Anatomical Sciences, MS in Biomedical Sciences, MS in Life Science Research, and Doctor of Philosophy (PhD) in Anatomical Education programs. The Master of Medical Science (MMS) in Physician Assistant (PA) Studies program in the School of Medical Sciences uses the fourth floor of the DCOM facility. The facility contains lecture halls, faculty and administrative offices, laboratories, examination rooms, and classroom space.

The Schenck Center for Allied Health Sciences was constructed in 1991 and underwent renovations in 2011-2012 to better cater to the needs of the Veterinary Health Science and Technology Department. In December

2023, it was officially transferred to the School of Engineering. This single-story building of 6,800 square feet comprises office space, a classroom with smart technology, a dedicated lab space tailored for civil engineering materials labs, two 3D print rooms, a student lounge, and various storage rooms. The building is equipped with smart boards, a MakerBot replicator z-18 3D printer, a Bambu labs x1 carbon 3D printer, and aggregate testing equipment for civil engineering materials labs. The School of Engineering faculty and staff occupy offices within the building.

The Hamilton Math and Science Building houses faculty and administrative offices, classrooms, labs, and research space for the College of Mathematics, Sciences, and Health Professions, the Caylor School of Nursing (CSON), the DeBusk College of Osteopathic Medicine (DCOM), the College of Veterinary Medicine (CVM), and the School of Medical Sciences (SMS).

The Business-Education Building houses faculty and administrative offices and classroom facilities for the Carter and Moyers School of Education and the School of Business.

The Lincoln Memorial University-College of Veterinary Medicine (LMU-CVM) occupies an 85,000 sq. ft. building on the Harrogate campus featuring two large lecture halls, 24 state-of-the art communications laboratories, simulation laboratories, basic and clinical sciences classrooms, study rooms, break areas, and ample research space along with offices for faculty, student and academic services, and clinical relations and outreach. In addition, the 1,000 acre DeBusk Veterinary Teaching Center (DVTC) is located in Ewing, VA and includes six buildings housing more than 90,000 sq. ft. of state-of-the-art facilities for teaching veterinary clinical skills in a safe and effective learning environment.

Campus housing facilities are available for 985 students in either double-occupancy, co-ed, or apartment-style accommodations (see Housing and Residence Life).

The 5,009-seat Tex Turner Arena is the centerpiece for the University's NCAA Division II intercollegiate athletic program and the competition site for men's and women's basketball. It houses athletic department offices, a weight room, and an auxiliary gym, and is equipped for radio and television broadcasts. The Mary E. Mars Gymnasium, with its classrooms and basketball/volleyball court, is a multi-purpose facility. Complementing the many outdoor athletic facilities—Lamar Hennon Field (baseball), Neely Field (softball), soccer field, lacrosse field, golf complex, tennis courts, and physical fitness trails—the arena and the gym are home to our strong athletic teams that have a consistent tradition of winning in athletic competitions.

LMU has intercollegiate athletic programs in men's and women's basketball, cross country, tennis, lacrosse, soccer, track and field, golf, wrestling, and volleyball; women's field hockey and softball; and men's baseball.

Other important facilities exist on or near campus. The Cumberland Mountain Research Center was created in 1990 for the purpose of providing research and training opportunities for LMU students and graduates.

LMU facilities, located in the historic town of Cumberland Gap, includes space for the applied arts and a Convention Center (see LMU Website).

Off-Campus Instructional Sites

To meet the needs of the population of its service area, LMU operates a number of off-campus instructional sites in communities where clusters of students and potential students have demonstrated need and support.

Selected programs or courses are offered at

- **Cedar Bluff Teaching Site**

  421 Park 40 North Boulevard
  Knoxville, TN 37923

- **DeBusk Veterinary Teaching Center (DVTC)**
  203 DeBusk Farm Drive
  Ewing, VA 24248
  The State Council of Higher Education for Virginia (SCHEV) has certified LMU to operate in Virginia. LMU offers the following programs at the DVTC:
  AS in Veterinary Medical Technology
  BS in Veterinary Health Science
  BS in Veterinary Health Industry
  Clinical Skills courses for the Doctor of Veterinary Medicine degree

- **Duncan School of Law**
  601 West Summit Hill Drive
  Knoxville, TN 37920

- **LMU Tower**
  1705 St. Mary's Street
  Knoxville, TN 37917

- **LMU-Chattanooga**
  555 Walnut Street Building A South, Suite A and Suite B
  Chattanooga, TN 37402

- **LMU-Knoxville**
  9737 Cogdill Road
  Knoxville, TN 37932

- **LMU-Lexington**
  Saint Joseph Hospital 1451 Harrodsburg Road, 4th Floor
  Lexington, KY 40504
  Licensed by the Kentucky Council on Postsecondary Education

- **Lincoln Memorial University-Tampa**

  3102 E. 138th Avenue
  Tampa, FL 33613
  Licensed by the Florida Commission for Independent Education

- **Tri-County Square Shopping Center**
  14892 North U.S. Highway 25E Second Floor
  Corbin, KY 40701
  Licensed by the Kentucky Commission on Proprietary Education

Other Opportunities and Services

LMU offers a variety of ways for students to become involved in clubs and organizations, including interest-based groups, academic-based groups, and application-based groups, as well as Greek Life. Athletic events, commencement exercises, Student Services activities, Student Government Association (SGA), and intramural sports are examples of events/services sponsored by the University. A complete listing of student privileges is provided in the Railsplitter Community Standards Guide.

Organizations

LMU encourages participation in campus organizations. For information concerning membership or meeting times of the following organizations, contact the Office of Student Activities and Engagement. If your needs are not met by the existing organizations, you may form your own under guidelines provided by the Office of Student Activities and Engagement. For details, see the Railsplitter Community Standards Guide.

Academic Organizations

Art Club
Chemistry Club
Dental Hygiene Club
Engineering Club
History Club
Mystery Inc. Criminal Justice Club
Pre-Dental
Pre-Health Club
Pre-SOMA
Pre-Vet Club
Psychology Club
Sport and Exercise Science Club
Students for Humanity Advocating Referring & Empowering (SHARE)
Student Nurses' Association
Student Tennessee Education Association
Vet Tech Club

Greek Organizations

Alpha Lambda Zeta
Delta Theta Sigma
Inter Greek Council
Zeta Tau Kappa

Honor Societies

Alpha Chi (Academic Honor Society)
Alpha Gamma Sigma Chapter of Sigma Tau (English Honor Society)
Chi Alpha Sigma
Delta Mu Delta
Honors Scholars Association
Omicron Delta Kappa
Phi Alpha (Social Work Honor Society)
Phi Alpha Theta (History Honor Society)
Phi Beta Lambda (Business Honor Society)
Psi Chi (Psychology National Honor Society)

Special Interest Organizations

Baptist Collegiate Ministry
Between the Lines Book Club
Black Student Association
CAM Club
C.O.R.E
Debate Club
Delight Ministries
Faith in Action Today
First Gen Club
Lincoln Activities Board
Lincoln Ambassadors
LMU Players
Pickleball Club
Railspinners Color Guard
Railsplitter Representatives (RAILS)
Railsplitter Roast Coffee Club
Student Government Association

True You
Wildlife Society
Young Life

The Tagge Center for Academic Support

The Tagge Center for Academic Support provides a variety of free assistance to meet the academic needs of undergraduate students. These services include peer tutoring; coaching on note-taking, time-management, study skills assistance, and writing; training in test preparation and test-taking; test review sessions; and computer and printing availability. To receive assistance or schedule an appointment, students can call 423.869.6310 or visit the Tagge Center for Academic Support. The Tagge Center for Academic Support is located on the first floor of the Harold M. Finley Learning Resources Center.

Student Support Services Program

The Student Support Services Program is a federally funded program that serves qualified students who attend LMU at the Harrogate campus. The program provides scholarships, services in study skills, academic advisement, career and personal counseling, tutorial services, assistance in securing admission and financial aid for graduate and professional programs, academic enrichment activities, mentoring services, and financial literacy skills at no cost to the students.

Following federal guidelines, students interested in participating in the Student Support Services Program must apply for acceptance; the accepted student may utilize all services free of charge.

Applications are available in the Student Support Services Office, located in the Harold M. Finley Learning Resources Center of the Library.

Library Services

The Carnegie-Vincent Library and Reed Health Sciences Library maintain a website, https://library.lmunet.edu/library, to provide students with access to databases both on- and off-campus, contact information for the library and librarians, access to the LMU Libraries Online Catalog, information regarding library services, tutorials on library resources and search processes, resources guides, and web-based forms to submit requests for resources to be borrowed through Interlibrary Loan or to be delivered to distant locations. Overall, the Library provides access to a wealth of information in 263 (229 subscribed, 34 open access) databases, approximately 83,000 full-text journals, 414,000 e-books, and 73,000 print books. Resources are accessible to students and faculty in the libraries and remotely using their LMU account credentials. Assistance is available via phone, email, chat and in-person. The Library currently has staffed locations at the main library at Harrogate, LMU Cedar Bluff, LMU Tower, LMU Knoxville, and Tampa - Florida, with computers and/or laptops available in most of the locations, or conveniently located adjacent to the Library. Small print collections are available at Ewing – Virginia, Corbin – Kentucky, and Chattanooga – Tennessee.

Career Services

The Office of Career Services provides students and alumni with career counseling, career exploration classes, interest and personality assessments, and other resources to help students choose a major and career. The office also helps students seeking employment to identify part-time jobs, internships, and other positions, while they pursue an education. Assistance is available for constructing a résumé or cover letter; interview preparations; job searches; and completing an application for graduate school.

Office of Accessible Education Services

The Office of Accessible Education Services provides support to ensure that students with disabilities have equal access to University programs and activities. The office works to implement reasonable accommodations, which are modifications or adjustments to courses, programs, or environments that provide students with disabilities an equal opportunity to enjoy the same privileges, opportunities, and experiences available to all students. More information is available at https://www.lmunet.edu/student-life/accessible-education-services/.

Office of Mental Health Counseling

The LMU Office of Mental Health Counseling operates as the primary mental health service provider for the undergraduate, graduate, and professional students enrolled at the University. LMU counselors provide free

professional, confidential services to assist students with overcoming the mental, emotional, and behavioral concerns that may stand in the way of their academic and personal success. A detailed list of the services provided by LMU mental health counselors can be found at https://www.lmunet.edu/counseling/.

Security Information

LMU Annual Security & Fire Safety Report

The LMU Annual Security & Fire Safety Report (ASFSR) will be published online by October 1st of each year and can be found on the LMU Campus Police and Security webpage under the Campus Crime Reporting heading. The most recent report as of catalog publication is available here.

The LMU ASFSR contains three previous years of crime statistics, campus policies and procedures, including: alcohol, drug, weapons, sexual violence, etc., and law enforcement authority. This publication is required to be in compliance with the Clery Act and the Higher Education Opportunity Act (HEOA)

To request a paper copy, contact the Clery Act Compliance Coordinator at 423-869-6301 or in person at: Tex Turner Arena, 330 Mars/DeBusk Parkway, Harrogate, TN 37752.

WebAdvisor

WebAdvisor is a web-based information management tool that allows students to search for classes and access their Student Profile, Class Schedule, Grades, Student Account, and Student Financial Services.

The student's account with the Finance Office must be paid in full, and Perkins student loans must be in a current non-defaulted status in order for the student to gain access to WebAdvisor.

To access WebAdvisor go to the LMU website, log onto MyLMU, and select "WebAdvisor for Students" on the right side of the page.

Oak Ridge Associated Universities

Since 1993, students and faculty of LMU have benefited from associate membership in Oak Ridge Associated Universities (ORAU). ORAU is a consortium of 105 colleges and universities and a contractor for the U.S. Department of Energy (DOE) located in Oak Ridge, Tennessee.

ORAU works with member institutions to help their students and faculty gain access to federal research facilities throughout the country; to keep its members informed about opportunities for fellowship, scholarship, and research appointments; and to organize research alliances among its members.

Through the Oak Ridge Institute for Science and Education (ORISE), the DOE facility that ORAU operates, undergraduates, graduates, postgraduates, as well as faculty enjoy access to a multitude of opportunities for study and research.

Students can participate in programs covering a wide variety of disciplines including business, earth sciences, epidemiology, engineering, physics, geological sciences, pharmacology, ocean sciences, biomedical sciences, nuclear chemistry, and mathematics. Appointment and program length range from one month to four years.

Many of these programs are especially designed to increase the number of underrepresented minority students pursuing degrees in science, technology, mathematics, and engineering-related disciplines.

A comprehensive listing of these programs and other opportunities, their disciplines, and details on locations and benefits can be found online at the ORISE website or visit ORAU online.

ORAU's Office of Partnership Development seeks opportunities for partnerships and alliances among ORAU's members, private industry, and major federal facilities. Activities include faculty development programs, such as the Ralph E. Powe Junior Faculty Enhancement Awards, the Visiting Industrial Scholars Program, consortium research funding initiatives, and faculty research and support programs, as well as services to chief research officers.

Admission and Cost

Applicants may be admitted to LMU according to the following classifications, policies, and procedures. In addition to submitting a completed application form, the applicant must have the appropriate source/agency provide the required documents (official academic transcripts, examination scores, recommendation letters, etc.) directly to:

Office of Undergraduate Admissions

Lincoln Memorial University
6965 Cumberland Gap Parkway
Harrogate, TN 37752

Entering Freshman Student

To be admitted to LMU as a degree-seeking freshman student, the applicant must be a graduate of a regionally accredited or state approved high school. The applicant should have her/his high school transcript sent directly to the Admissions Office, and the transcript should indicate completion of all graduation requirements established by the state in which the high school is located. For example, a Tennessee high school graduate should complete the following units (a unit equals one year of study in the given subject area):

English	4 units
Algebra, Geometry, or Advanced Math	3 units
A Single Foreign Language	2 units
Natural/Physical Sciences	2 units
Social Studies (world history, government, geography, sociology, psychology, economics, or anthropology)	1 unit
United States History	1 unit
Visual or Performing Arts	1 unit

It is strongly recommended that the applicant's high school transcript include additional units in the fine arts and mathematics.

The applicant must submit his/her official high school transcript or GED score report. If the high school transcript submitted is incomplete (submitted prior to high school graduation), subsequent admission as a freshman student is tentative, and the applicant must submit her/his final high school transcript verifying graduation before registering for courses at LMU.

The applicant must submit his/her official high school transcript or GED score report. If the high school transcript submitted is incomplete (submitted prior to high school graduation), subsequent admission as a freshman student is tentative, and the applicant must submit her/his final high school transcript verifying graduation before registering for courses at LMU.

LMU currently utilizes a *Test-Optional Policy* for students who wish to not submit an ACT or SAT test score for admissions. This will be reviewed every academic year.

Upon acceptance into LMU, residential students are required to submit a deposit to ensure housing placement. This housing deposit is $200. The housing deposit is refundable, provided the student submits a letter to the Office of Student Financial Services formally withdrawing 30 days before the first day of classes.

Note: Some outside agencies, institutions, and organizations utilized by certain academic programs that require internships, clinical experiences, or practicum experiences may require criminal background checks.

Freshman Student Admission Status

Regular Admission

Students qualify for domestic Regular Admission to LMU if they meet the following criteria:

1. High school graduate with a grade point average (GPA) of 3.2 or higher on a 4.0 scale.

Note: LMU is considering students for admission from a test-optional perspective through Fall 2026 admission.

Students admitted under Regular Admission are eligible to register for courses at any new student orientation and are not subject to the restrictions applicable to other admission categories.

Regular admission students must have a minimum of a 3.2 unweighted high school GPA (on a 4.0 scale). Regular Admission may also be offered to applicants who hold the High School Equivalency Diploma, having completed the General Education Development (GED) examination with an average score of 45 or higher and no component score below 35. All Regular Admission applicants who meet the above criteria are accepted by Undergraduate Admissions team members.

Students admitted under Regular Admission must complete any developmental coursework specified by the Undergraduate Catalog placement criteria, and the student is subject to the guidelines regarding standards of academic progress that are applicable to all LMU students. Students admitted under Regular Admission will be given instructions on how to register for specific new student orientation event dates for course registration.

Students who meet the following criteria are reviewed by the Office of Undergrad Admissions:

- GPA of 2.7-3.19, the Office of Undergrad Admissions could accept the student, request more information (submit an ACT or SAT or updated transcripts), admit

the student as a Cornerstone student (see Conditional Admission), or send the student to the Undergraduate Admissions Committee pending further review.

Transfer Student Admission

Regular Transfer Admission

LMU meets the needs of community college students in the Appalachian Region by providing transference of credit. Overseen by the Director of Community College Relations and the Office of Undergraduate Admissions, LMU's transfer policies are proactive in ensuring that students have all the information necessary to make informed transfer decisions.

Regular Transfer Admission status is granted if a student has a cumulative GPA of 2.4 or higher on all previous college level work. Students with a cumulative GPA of less than 2.4 on previously attempted college-level work earned within the past five years must be reviewed by the Undergraduate Admissions Committee. The Undergraduate Admissions Committee may require students to participate in the University's academic support and tutoring programs, request more information, or deny admission to the University.

Transfer admission students who have completed fifteen (15) or more semester credit hours of potentially transferable college-level course work at an accredited/approved college or university will be considered for regular transfer admission.
Students having completed fewer than fifteen (15) semester credit hours are subject to the Regular Admission criteria and procedures applicable to freshman admissions. Transfer student applicants must submit the following:

1. The online Application for Admission
2. Official transcripts from all colleges and universities attended
3. If fewer than fifteen (15) semester credit hours of college level course work have been completed, an official high school transcript must be submitted, and can submit an official ACT/SAT test score for review**.

For Lincoln Memorial University policies regarding transfer credit, see "Transfer Credits from Other Institutions."

****Note: LMU is considering students for admission from a test-optional perspective through Fall 2026 admission.***

Conditional Admission-Cornerstone Program

In accordance with the University mission to serve the Appalachian region, LMU has created the Cornerstone Program, which serves as the Conditional Admission status for prospective students. The Cornerstone Program is a retention initiative at LMU for students who, because of GPA, ACT/SAT scores (should a student submit), high school academic performance, or transfer academic performance, need to receive additional academic support services. Each Cornerstone student is provided a Professional Advisor from the Office of Academic Support who will mentor and assist them during their time at LMU.

The Cornerstone Program facilitates the adjustment to college, allowing students the chance to successfully matriculate and succeed academically while moving toward graduation. The program will also introduce students to available academic and University resources that are needed to enhance their success and enrich their college experience. Cornerstone students are encouraged to develop interdependent relationships with appropriate campus resources, while the Office of Academic Support provides direction and guidance.

Students who will be automatically considered for Conditional Admission to the University via the Cornerstone Program meet the following criteria, and are subject to the approval and review of the Undergraduate Admissions Committee:

- GPA of 2.4-3.19
- An ACT or SAT subscore in Math or English that would place a student in remedial Math or remedial English.
- Undergraduate Admissions Committee could request more information (submit a test or updated transcripts), admit the student as a Cornerstone student, or deny admission.

Students who achieve less than a 2.40 GPA are carefully reviewed by the Undergraduate Admissions Committee to ascertain any extenuating circumstances. Upon review by the Committee, any student awarded the status of Conditional Admission (Cornerstone) is required to participate in and complete the Cornerstone Program requirements during their first two years at the University.

Upon Acceptance

Upon acceptance into LMU (either through Regular Admission status or Conditional Admission status), students are required to submit a deposit to ensure

housing placement or submit a housing waiver if commuting. In addition, students must register for a New Student Registration (NSR) Event. These dates will allow a student to meet with Student Financial Services, receive a proposed class schedule, housing, and a host of student service amenities.

International Students

The international student seeking admission must meet the preceding criteria and submit the required documents appropriate to the freshman student or the transfer student (whichever is applicable). If English is not their native language, international students applying to LMU undergraduate programs are required to submit one of the following official test score reports:

Test/ Exam/ Course Minimum Score Required for Admission

iBT (Internet-based TOEFL)	61
CBT (Computer-based TOEFL)	173
PBT (Paper-based TOEFL)	500
IELTS	5.5
ACT Composite	19
SAT Critical Reading	460
SAT Composite	780
TOEIC	600
Cambridge English	CAE-C, CPE-C, FCE-C
Cambridge/ GCE/IGCSE/ Edexcel	A levels grade A-E
IB Credits	C or better in English
ITEPS	4.0
Michigan Test	80
ELTIS	227
SLEP	53
Pearson PTE	52
CEFR	B1
EIKEN Japan	2A grade (College or Junior College Level)
Ameson Scholastic Test (AST)	English 115

Students who attended the following English language institutes and pass the required levels can matriculate into LMU:

ESL Program Level or Score required for admission to LMU

FLS International Level	7
ELS Language Centers	112
ACE Language Institute	Level 6
New England School of English	Level 10
Kaplan	Kaplan High Intermediate; Kaplan Advanced; Kaplan TOEFL
The Language Company	Level 9, or Level 7 or 8 with TLC staff/ administrators written consent

International students transferring from other postsecondary institutions will not be required to submit TOEFL scores or take the TOEFL examination if they meet the criteria specified under Transfer Admission (see *Transfer Student*).

The international student will consult the Office of Undergraduate Admissions and the PDSO regarding placement tests, developmental English courses, and academic advising. The international student must furnish evidence demonstrating means of financial support while enrolled at the University. All above documentation must be received and admission granted before issuance of an I-20 form, necessary for obtaining a student visa.

The international student granted admission to LMU will receive a letter of acceptance; the letter and the I-20 form furnished by the University must be presented to the Consular Officer of the United States to whom the student applies for a student visa. The University will not enroll any student not approved by the U.S. Department of Homeland Security to attend LMU; the University will not enroll students issued visas for enrollment at other colleges or universities.

International Baccalaureate Recognition Policy

LMU recognizes the International Baccalaureate (IB) diploma or individual International Baccalaureate courses with advanced placement if the student scores at least a 4 on the International Baccalaureate higher-level examinations. A student earning the IB diploma may be granted up to 30 semester credit hours.

Transient Enrollment Student

The student enrolled in a degree program at another college or university, given permission by that institution to enroll in a limited number of LMU courses, may be granted admission as a Transient Enrollment Student. He/she must submit the completed application form and the $25 non-refundable application fee; a letter indicating "in good standing" from the degree granting institution may be

submitted in lieu of the official academic transcript.

Also, a person 18 years of age or older, not enrolled as a degree-seeking student at another college or university, but wishing to enroll in a limited number of LMU courses for vocational or avocational reasons, may be granted admission as a Transient Enrollment Student.

Any exceptions to the University's admissions policies must be approved by the University Admissions Committee.

Tuition and Fees

2025-2026 Undergraduate Cost of Attendance Including Tuition & Fees

The tuition cost to attend LMU is substantially below the national average for 4-year private universities. The amounts included in the cost of each semester's registration are placed on the student's account by Student Financial Services. Interest charges are added to unpaid balances at the end of each month. All charges are subject to audit and verification. The University reserves the right to correct errors by applying additional charges or credits to individual student accounts. The following undergraduate rates are effective for Fall Semester 2025.

Direct & Indirect Costs

Lincoln Memorial University is proud to offer exciting educational opportunities at a lesser cost than many private universities. The following is a guide to the cost of attending LMU as an undergraduate student for the 2025-2026 school year.

Cost of Attendance (COA) is the estimated amount it will cost a student to go to school. The COA is comprised of different components – some of which are direct (billable) and indirect (non-billable). Examples of direct costs are tuition and fees. Examples of indirect costs are transportation and miscellaneous personal expenses. LMU offers several on-campus housing and food plan options. Review the options below, as direct costs may differ from the average costs used in the COA.

Undergraduate Programs

Cost of Attendance

COA Component	Full Time On Campus	Full Time Off Campus
Tuition* ($1,119 per credit hour)	$26,856	$26,856
Comprehensive Fee**	$450	$450
Student Activity Fee	$62	$62
Food	$5,680	$4,095
Housing	$6,885	$5,200
Books, Course Materials, Supplies, & Equipment	$1,500	$1,500
Transportation	$2,100	$2,600
Miscellaneous Personal Expenses	$2,000	$2,000
Loan Fees	$100	$100
Total COA	$45,633	$42,863
First Professional Credential (Applies to 2nd year AS & 4th year BS)	$1,000	$1,000

*Assumes full-time enrollment (12-17 credit hours per semester)

**A $500 per semester engineering lab fee will apply to engineering programs

Undergraduate Nursing Programs

Bachelor & Associate of Science in Nursing Programs

COA Component		Full Time On Campus	Full Time Off Campus
Tuition* ($1,119 per credit hour)		$26,856	$26,856
Comprehensive Fee		$450	$450
Student Activity Fee		$62	$62
Program Fees	ASN	$1,540	$1,540
	BSN	$970	$970
Health Insurance		$3,811	$3,811
Food		$5,679	$4,095
Housing		$6,885	$5,200
Books, Course Materials, Supplies, & Equipment		$1,500	$1,500
Transportation		$2,100	$2,600
Miscellaneous Personal Expenses		$495	$495
Loan Fees		$100	$100
Total COA	ASN	$49,478	$46,709
	BSN	$48,908	$46,139
First Professional Credential (Applies to 2nd year AS & 4th year BS)		$504	$504

*Assumes full-time enrollment (12-17 credit hours per semester)

Bachelor & Associate of Science in Nursing Programs - Tampa Location

Cost of Attendance

COA Component		Full Time Off Campus
Tuition* ($1,119 per credit hour)		$26,856
Comprehensive Fee		$350
Student Activity Fee		$62
Program Fees	ASN	$1,540
	BSN	$970
Health Insurance		$3,811
Food		$5,454
Housing		$7,200
Books, Course Materials, Supplies, & Equipment		$1,500
Transportation		$2,600
Miscellaneous Personal Expenses		$495
Loan Fees		$100
Total COA	ASN	$49,968
	BSN	$49,398
First Professional Credential (Applies to 2nd year AS & 4th year BS)		$504
*Assumes full-time enrollment (12-17 credit hours per semester)		

Bachelor of Science in Nursing Program, RN-BSN

COA Component	Full Time Online
Tuition ($420 per credit hour)	$10,080* *based on 24 credit hours
Online Class Fee ($14 per credit hour)	$336* *based on 24 credit hours
Student Activity Fee	$62
Program Fees	$970
Health Insurance	$3,811
Food	$4,095
Housing	$5,200
Books, Course Materials, Supplies, & Equipment	$1,500
Transportation	$2,600
Miscellaneous Personal Expenses	$495
Loan Fees	$100
Total COA	$29,249
First Professional Credential (Applies 4th year BS)	$504

Course Specific Fees

Course Specific Fees

Course	Campus/Program	Course Fee
NURS-115	Main Campus/Tampa (ASN)	$495 (Main) $510 (Tampa)
NURS-124	Main Campus/Tampa (ASN)	$495 (Main) $510 (Tampa)
NURS-125	Main Campus/Tampa (ASN)	$275 (Main) $250 (Tampa)
NURS-241	Main Campus/Tampa (ASN)	$275 (Main) $250 (Tampa)
NURS-242	Main Campus/Tampa (ASN)	$540
NURS-320/324	Main Campus/Tampa/Lexington (BSN)	$520 (Main) $535 (Tampa) $275 (Lexington)
NURS-375	Main Campus/Tampa/Lexington (BSN)	$300 (Main) $275 (Tampa) $275 (Lexington)
NURS-430/ABSN	Main Campus/Tampa/Lexington (BSN)	$300(Main) $275 (Tampa) $275 (Lexington)
NURS-480/ NURS-465	Main Campus/Tampa/Lexington (BSN)	$565 (Main) $565 (Tampa) $540 (Lexington)
NURS-375	RN-BSN	$75
NURS-470	RN-BSN	$75

Undergraduate Dental Hygiene Program

First Year COA (Dental Hygiene)

Fall/Spring

Cost of Attendance

COA Component	Full Time Off Campus
Tuition* ($1,119 per credit hour)	$26,856
Comprehensive Fee	$350
Student Activity Fee	$62
Tool Kit Fee	$6,000
Health Insurance	$3,811
Food	$5,000
Housing	$6,600
Books, Course Materials, Supplies, & Equipment	$1,500
Transportation	$3,900
Miscellaneous Personal Expenses	$2,900
Loan Fees	$100
Total COA	$57,079
*Assumes full-time enrollment (12-17 credit hours per semester)	

Second Year COA (Dental Hygiene)

Summer/Fall/Spring

Cost of Attendance

COA Component	Full Time Off Campus
Tuition* (Fall/Spring - $1,119 per credit hour)	$40,284
Comprehensive Fee	$350
Student Activity Fee	$62
Licensure Fee	$1,626
Health Insurance	$3,811
Food	$7,500
Housing	$9,900
Books, Course Materials, Supplies, & Equipment	$2,250
Transportation	$5,850
Miscellaneous Personal Expenses	$4,350
Loan Fees	$100
First Professional Credential	$1,000
Total COA	$77,083
*Assumes full-time enrollment (12-17 credit hours per semester)	

On-Campus Housing & Food Plan Options

On-Campus Housing Options

Housing Options

Residence Hall	Room Type	Cost Per Semester (Fall, Spring, and Summer = 3 Semesters)
Liles & West	Double	$2,175
	Single	$3,235
Lafrentz-Poole	Single-Loft	$3,338
	Single-Standard	$3,500
	Single-Deluxe	$3,873
Pope, Mitchell, Dishner, Langley	Single (Three-Bedroom Apartment)	$4,483
The Village (Burchett, McClelland, Norton, and Peters)	Three-Bedroom Double - Six Occupancy Apartment	$3,485

Learn More About Undergraduate Housing

Food Plan Options

Food Plan Options

Food Plan	Plan Type	Cost Per Semester (Fall & Spring = 2 Semesters)
Plan 1: Unlimited Weekly	Unlimited access to Social House	$2,839
Plan 2: 14 Meals Weekly + 150	14 meals per week at Social House, $150 Flex Points, 4 guest meals	$2,668
Plan 3: 10 Meals Weekly + 300 (For Juniors & Seniors)	10 meals per week at Social House, $300 Flex Points	$2,485

Learn More About Food Plans

Other Fees

Fees

Other Fees

Fee	Cost
Comprehensive Fee (Main Campus)	$450 Fall/Spring
Comprehensive Fee (Extended Sites)	$350 Fall/Spring
Comprehensive Fee (Applies to students with all online courses)	$14 per credit hour
Student Activity Fee	$62 Fall/Spring
Add/Drop Fee	$15 per course, not to exceed $100
Late Registration Fee	$100
Independent/Directed Study Fee	$25 per course
Graduation Fee	$50 Associate degrees $75 Baccalaureate degrees
Draft Reject/NSF Fee	$30 per occurrence
Reservation/Seat Fee	$100 for undergraduate nursing programs $1,250 for undergraduate dental hygiene program
Housing Deposit	$200 for undergraduate housing
Other Fees	Applicable per individual academic program and course requirements

Veterans

In accordance with the Veterans Benefits and Transition Act of 2018, Section 367(e) of title 38 (Public Law 115-407), a student who is entitled to educational assistance under Chapter 31, Vocational Rehabilitation & Employment, or Chapter 33, Post 9/11 GI Bill® *benefits shall be permitted

to attend or participate in the course of education during the period beginning on the date on which the individual provides to the educational institution a Certificate of Eligibility for entitlement to educational assistance under Chapter 31 or 33 (a Certificate of Eligibility can also include a "Statement of Benefits" obtained from the Department of Veterans Affairs website- eBenefits, or a VAF 28-1905 form for Chapter 31) and ending on the earlier of the following dates:

1. The date on which payment from the VA is made to the institution.
2. 90 days after the date the institution certified tuition and fees following receipt of the Certificate of Eligibility.

The University shall not impose any penalty, including the assessment of late fees, the denial of access to classes, libraries, or other institutional facilities, or require the student to borrow additional funds, in order to meet his or her financial obligations to the Institution due to the delayed disbursement funding from VA under Chapter 31 or 33.

Beginning with the terms starting after December 17, 2021, students using their Post 9/11 GI Bill will be required to verify their enrollment at the end of each month. Students receiving the Montgomery GI Bill will not be impacted by this change. They are already required to verify their enrollment.

After December 17, 2021, all impacted students with a US mobile phone number on file with the VA will receive an opt-in text as their next enrollment period approaches. Students who do not have a mobile phone number on file will not be able to use text verify. They will be automatically enrolled into email verification.

* GI Bill is a registered trademark of the US Department of Veteran Affairs.

Room and Board (Harrogate Campus)

Residence Halls

Residence halls are available to non-married students who do not have children residing with them.

All full-time undergraduate students who do not have children residing with them and who attend class on the Harrogate campus must reside on campus unless:

- the student is at least 21 years of age, regardless of class ranking;
- the student is residing with a parent or legal guardian within 65 miles of campus; or
- the student is married and residing with their spouse.

All LMU student-athletes who receive athletic scholarships are required to live on campus.

There are several types of on-campus housing available at varying costs:

- **Liles and West Halls -** These residence halls, considered community housing, are traditional halls with centrally located community bathroom facilities.
- **Lafrentz Poole Hall -** This residence hall is a co-ed facility with individual private rooms and baths. The hall is primarily for upper-classmen.
- **Pope, Mitchell and Dishner-** These are co-ed facilities with 3 private bedrooms per unit (each bedroom has a private bathroom and a walk-in closet). A large living room/kitchen area is shared by the occupants.
- **Shelton and Langley -** These are co-ed facilities with 3 private bedrooms per unit (each bedroom has a private bathroom and a walk-in closet). A large living room/kitchen area is shared by the occupants.
- **The Village (Burchett, McClelland, Norton, and Peters) -** These are coed facilities housing 6 people in 3 bedrooms per unit (each bedroom has a bathroom and two walk-in closets). A large living room/kitchen area is shared by the occupants.

An application for housing or housing waiver must be completed by all applicants for admission (*see* Housing and Residence Life online).

Students should reference the *Railsplitter Community Standards Guide* for information, rules, and regulations applicable to students living in LMU housing.
All undergraduate students living in the residence halls are required to participate in one of the non-commuter LMU Meal Plans.

Completed housing application forms should be submitted electronically as per instructions. The required $200 reservation and damage deposit is payable in Student Financial Services. The deposit is refundable at the end of a student's residency if the student checks out in good order and has no room damages or key loss. Check-in and check-out procedures must be followed or a fee will be assessed.

Students may express a roommate preference in housing requests when applying for admission to the University. If

the preference is mutually satisfactory with the roommate requested, an effort will be made to accommodate each request.

Food Service

Chartwells Higher Education Dining Services provides food services to LMU students. Every effort will be made to accommodate the student's special dietary needs. Any student who must follow a specific diet may supply the Director of Food Services with a prescription diet from the student's physician.

Meals are served in the dining hall according to the schedule found posted at the dining hall. Students wishing to eat during other times may purchase food at Chick-fil-A.

Points - Students may add points to any meal plan during the semester by depositing money in their account at Student Financial Services.

In the event that students are interested in changing their meal plans they have a 2-week grace period during the start of the semester to make changes. To change a meal plan, students should visit the Office of Residential Housing. The Office of Residential Housing can also add meal plans for commuter students and campus community members. The cost will be posted to the individual's account.

Room and board rates are published each semester at Information and Policies Printables.

Refund Policies

Refund of Institutional Tuition, Room and Board Charges

In the event a student drops one or more classes, withdraws, or is administratively dismissed from the University for disciplinary or for financial reasons after registration is completed and prior to the end of a semester of enrollment, the student's eligibility for a refund of appropriate institutional tuition, room and board charges will be prorated as indicated.

A student must complete a Change of Schedule form for dropping one or more classes (found on MyLMU under Academics/Registrar/Forms).

Any situation in which all classes are dropped is considered to be a withdrawal from the University. The official withdrawal process begins in the Office of the Registrar. The Registrar uses the date the student communicates in writing as their intent to withdraw and begins the University's withdrawal process, as the official withdrawal date. The student, working with the Registrar's Office, must complete the Undergrad/Graduate Withdrawal Form, obtain all the necessary signatures, and submit the completed form to the Registrar's Office. *Verbal requests do not constitute official notification*.

Should the student fail to complete this process, all semester charges will become immediately due and are payable in the Cashier's Office.

Applicable institutional charges for fall and spring semesters will be refunded according to the following schedule (this includes campus housing and meals):

- Through the first official day of classes 100%
- After the first official day of classes and during the first week of the semester 100%
- During the second week of the semester 75%
- During the third week of the semester 50%
- During the fourth week of the semester 25%
- After the fourth week of the semester 0%

No refund of institutional charges will be made after the fourth week of the semester.

Specific dates affecting the schedule of refunds can be found in the Office of Student Services, the Office of the Registrar, and the Office of Student Financial Services.

Refund schedules pertaining to summer charges are adjusted to the varying length of the terms.

Withdrawal and Leave Procedures

Official Withdrawal from the University

"Withdrawal from the University" refers to the official process in which the student withdraws from ALL classes, from the residence hall (if applicable), and from any current student relationship with the University. **This process is separate and distinct from a Student Leave of Absence. (See the Student Leave of Absence protocol.)** The Registrar uses the date the student communicates in writing as his or her intent to withdraw and begins the University's withdrawal process, as the official withdrawal date. The student initiates this process by filling out the Undergrad/Graduate Withdrawal Form and submitting it to the Registrar's Office**.**

The student must obtain the required signatures: Admissions (for international students or a recipient of

veteran's benefits), appropriate School Dean, Dean of Students, Student Accounts, Financial Aid, and the Registrar.

The student must also return his/her student identification card, meal card (if applicable) and parking sticker to the Office of Student Services when withdrawing from the University. Further, any withdrawing student who has received a student loan must have an exit interview with a Financial Aid Counselor.

Courses for which the student is registered will appear on the transcript with a notation of "WD" or "F ", depending on whether the withdrawal is processed by the close of "last day to drop without an F," as published in the Undergraduate Academic Calendar. The notation of WD does not calculate in the GPA but does calculate in student completion rate. The notation of "F" will impact a student's GPA, as outlined in the "Grading System" policy in the Undergraduate Catalog.

The financial aid status of the student is affected by withdrawal from the University in the following ways:

1. Refunds for tuition and fees are credited to the student's account according to the refund schedule.
2. Housing, meals, and Book Bundle fees are credited to the student's account according to the refund schedule.
3. A student's financial aid will be prorated to the student according to the Federal Return of Title IV Funds Policy. Withdrawal after the refund period means the student will have used an entire semester's eligibility of aid.
4. The balance of the student's account with the Student Accounts Office will be credited or billed to the student as appropriate.
5. Once the student has completed registration, i.e., turned in the registration form to the Student Accounts Office, the student is liable for all registration fees even though classes have not been attended, unless the student completed an official withdrawal form.
6. Students who are suspended or ineligible to continue in an academic program because of grade deficiencies and who are registered in advance for the subsequent semester, may be required to complete an official withdrawal form.

Any completed student withdrawal will be reviewed for the official withdrawal date, set forth by the Registrar (Academic Calendar). The Registrar uses the date the student communicates in writing, to the Registrar's Office, as their intent to withdraw and begins the University's withdrawal process, as the official withdrawal date. If this date falls after the first day of classes, there can be a Return of Title IV (R2T4) calculation to determine financial aid earned. If a withdrawal is completed prior to the Financial Aid disbursement date, and there is aid earned, the aid would be seen as a post-withdrawal disbursement and LMU would obtain permission from the student/parent prior to disbursing earned aid. If a withdrawal is completed on or after the FA disbursement date, the aid is adjusted based on the pro rata of the R2T4 calculation by the *FAA Access Return to Title IV Worksheet* provided by the Department of Education (DOEd). Adjustments are made and refunds sent back to the appropriate program(s) with the DOEd at the time the withdrawal form is processed. If the student is present at the time the withdrawal form is processed, Financial Aid staff conducts a counseling session to explain how the calculation is determined and how it affects the student's responsibility to repay, if applicable. If the student is not present at the time the withdrawal form is processed, the Student Financial Services Office notifies the students of the adjustment made and any responsibilities the student has, at that time. It is stated and understood that after the 60% point of the term a student has earned 100% of aid, and in most cases there will not be pending aid at this point; however, an R2T4 calculation is made to determine a post-withdrawal disbursement, if pending aid is present and all conditions are met.

Unofficial Withdrawals

Any student who ceases attending classes before the end of the semester, mini-term, or summer term without completing the official withdrawal process from the University, automatically receives the grade "F" for such course(s), so noted on the student's academic transcript. Unofficial Withdrawals are reviewed after grades post for each term. Any student earning all F's is considered an Unofficial Withdrawal. Student Financial Services confirms attendance past the 60% point of the term and a timeline in which to provide that documentation. Adequate attendance documentation can be an email statement directly from the instructors stating the student attended past the 60% date, hard copy print outs of online coursework submitted after the 60% date, or hard copy tests submitted after the 60% point. If attendance is not confirmed, LMU will make an R2T4 calculation, through FAA Access, using the 50% point of the term as the withdrawal date. Adjustments are made and refunds returned to the appropriate program(s) with the DOEd at the time of processing the Unofficial Withdrawal student record. Student Financial Services then notifies the student of the adjustments made via the results of the R2T4 calculation, why the calculation had to be made, and what financial responsibilities the student has.

Administrative Withdrawals

Students who have not attended courses by the ninth class meeting of the semester (or equivalent for summer terms) will be reported to the Registrar's Office, Student Financial Services, and the Tagge Center. Students may be administratively withdrawn with a WD recorded on the transcript for each course. Students who cease attending classes prior to the end of the semester, mini-term, or summer term without completing the official withdrawal from the University may also be administratively withdrawn, with an F recorded on the transcript for each course. (See "Unofficial Withdrawal.") Students who do not pay their account in full or make all their contracted payments may be administratively withdrawn from the University.

Summer Withdrawals

The official withdrawal process, as set forth by the Registrar's Office, is required for withdrawing from a summer semester. Upon receiving a Withdrawal Form for summer, the Student Financial Services Office would use the actual start and end dates of the enrolled classes in the R2T4 calculation. At the end of the summer semester, Student Financial Services reviews grades for Unofficial Withdrawals.

Student Leave of Absence Protocol

1. Only students who are in good academic standing may apply for a leave of absence. All students seeking a leave of absence are strongly encouraged to speak with their academic advisor prior to requesting a leave of absence.
2. Students requesting a leave of absence must submit the LMU Application for Leave of Absence form to the appropriate administrators. The Executive Vice President of Academic Affairs (EVPAA) is the approving administrator for Undergraduate and Graduate students. Students in the LMU-CDM, LMU-CVM, LMU-DCOM, LMU-DSOL, and LMU-SMS will be assisted by the VP-Dean of their respective LMU college as explained in the student handbook and/or catalog for those professional programs.
3. Applications for a leave of absence will be reviewed on a case-by-case basis and may be granted for illness (personal or familial), military service, or maternity leave. Students who are not passing their current in-progress coursework will not be granted a leave of absence. In order to ensure student success, a student having a medical issue early in the semester should talk to their advisor or Dean about taking a leave as soon as possible. LMU will do everything they can to work with the student to ensure that the medical issue does not impact the student's academic record. Students must understand that once they take an exam or submit an assignment the grade cannot be altered retroactively because of the medical issue. If a leave is granted it will have no bearing on coursework that has been completed.
4. Supporting documentation from a physician must be provided with an application for leave based upon illness or maternity. Supporting documentation from the military must be provided with an application for leave based upon military service.
5. A leave of absence may be granted for a maximum period of 180 consecutive days (including summers). Undergraduate students who are granted a leave of absence may not enroll in academic courses at another institution during the leave period. In granting a leave, the approving administrator will determine the appropriate period and may impose other appropriate conditions and limitations that will be outlined in the Notice of Approval. The official date of the Leave of Absence will be the date of receipt of the student's Application for Leave of Absence form.
6. This Policy is not intended to directly govern the effects that a leave of absence might have on a leave-taking student's eligibility for any form of student financial aid, whether or not administered by the University. An applicant for leave who anticipates seeking or receiving any form of financial aid must meet with Student Financial Services for advising on the effect a leave will have on the applicant's financial aid eligibility.
7. A student who seeks to return from a leave of absence must notify the approving administrator in writing at least one month prior to the start of the semester in which the student seeks to return. A student seeking to return from a leave of absence based upon illness or maternity must have a licensed physician certify in writing that the student is released to return to school. Any student who fails to comply with the conditions and limitations described in the Notice of Approval will become ineligible to register for subsequent semesters and will be required to apply for readmission to the University.

Refund of Housing Reservation and Damage Deposit

The undergraduate housing reservation and damage deposit of $200 is refundable at the end of the student's tenure in campus housing provided no damage or loss has occurred in the student's room, as indicated by a check-out sheet and keys have been returned.

If a student has an outstanding account balance with the University, any refundable deposit must first be applied against the student's outstanding account.

If the student's outstanding account balance exceeds the refundable deposit, the student will not be entitled to a refund of the deposit. Cancellation of housing by a resident during the semester may forfeit the resident's deposit.

Refund of Credit Balance

In the event a combination of grants, scholarships, and/or payments results in a credit balance on the student's account, the Student Accounts Office will refund the credit balance to the student.

All institutional aid must be applied toward tuition, fees, and on-campus room and board expenses. All federal, state and local grants are credited to the student's account first, and any institutional grants or scholarships are applied to the balance of the student's aid eligibility for the semester. No cash refunds are made from institutional funds.

Student Financial Services Policies and Procedures

LMU recognizes the challenge of constantly increasing educational costs and thus offers a substantial program of financial aid to help students pay for their education. The University makes every effort to ensure that qualified students are not denied the opportunity to attend LMU due to limited financial resources.

Frequently, it is less expensive to attend a private college than a public university since institutionally funded financial aid is designed to equalize educational costs.

At LMU, more than $100 million is awarded annually to qualified students under federal, state, and institutional financial aid programs. Except for academic, athletic, and certain talent-based scholarships, all financial assistance at LMU is based on financial need. Need is defined as the difference between the cost of attending LMU and the calculated expected family contribution. After the student submits the necessary application forms, the Student Financial Services Office will determine the student's eligibility for student financial assistance.

Each applicant applying for student financial assistance must submit a Free Application for Federal Student Aid (FAFSA). The FAFSA should be submitted to the federal processing center by April 1 for students entering in the following Fall. The priority deadline to apply for financial aid is April 1.

The following policies and procedures relate specifically to Financial Aid requirements.

Financial Aid: Satisfactory Academic Progress

The United States Department of Education requires all students who receive federal student financial assistance to make progress toward their declared degree. This measurement is called Satisfactory Academic Progress (SAP). LMU is required to have policies that ensure students are making this progress by measuring both qualitatively and quantitatively. SAP will be reviewed at the end of each semester, including the summer.

A student whose academic performance drops below the minimum standards will be placed on financial aid warning. A student may retain financial aid while on warning for one semester but must meet Satisfactory Academic Progress by the end of that semester or be placed on Financial Aid Suspension.

Students who fail to maintain SAP may not receive the following types of student financial assistance: Federal Pell Grants, Federal Supplemental Educational Opportunity Grants (SEOG), Tennessee Student Assistance Awards, Tennessee Education Lottery Scholarships, Lincoln Grant, Federal Work-Study, Federal Direct Loans, Federal PLUS Loans, other aid involving Title IV funds, and/or any other aid for which SAP is a requirement. These policies apply only to those eligible to receive financial aid.

Students enrolled in undergraduate programs must earn a minimum cumulative GPA to maintain financial aid Satisfactory Academic Progress (SAP). For graduate programs, please refer to specific graduate catalogs for GPA requirements.

Qualitative: (GPA)

Hours Attempted	Cumulative GPA
0-29	1.50 GPA
30-45	1.75 GPA
46-59	1.90 GPA
60+ Hours	2.00 GPA

Quantitative: Hours Attempted vs Hours Earned (Completion Rate)

A student is considered to have made satisfactory academic progress provided he/she passes at least 67% of the cumulative credit hours attempted. For instance, a student who attempts 45 credit hours must complete at least 30 of those credit hours to make satisfactory academic progress.

Quantitative: Maximum Time Frame

No student will be eligible to receive financial aid for more than 150% of the published length of their declared program. This time is measured by credit hours attempted. For example, a student seeking a baccalaureate degree totaling 128 credit hours cannot receive aid for more than 192 attempted hours (128 x 150% = 192). Failing a class or withdrawing from a class, whether passing or failing, can affect SAP. SAP will be reviewed at the end of each semester.

SAP Notification

All Financial Aid Satisfactory Academic Progress notifications will be sent in two ways: a letter will be sent to the student at the home address, and an e-mail notification will be sent to his/her LMU e-mail address. These notifications will be sent no later than four weeks after the end of the academic term reviewed.

SAP Appeals

Students who are on Financial Aid Suspension may appeal this decision by contacting Student Financial Services. The appeal must be made in writing and explain why the student failed to make SAP and what has changed that will allow the student to make SAP at the next evaluation. An approved appeal would typically contain an extenuating circumstance beyond your control along with supporting documentation.

Student Financial Services will review the appeal along with any additional recommendations from appropriate faculty or staff members to determine if the student will be able to meet SAP standards by the next evaluation. If the appeal is denied, the student may take classes at his/her own expense to try to regain SAP. If the appeal is approved, an academic plan will be developed to help the student meet SAP standards.

Regaining Financial Aid Eligibility

Quantitative-Maximum Time Frame

To regain eligibility, you must graduate and advance to a new academic level.

Quantitative: Hours Attempted vs. Hours Earned (Completion Rate)

To regain eligibility, take courses at your own expense in a subsequent term or terms and meet the standards according to the cumulative credit hours completion ratio outlined above under the heading Quantitative. Once you have taken the courses and earned passing grades, you will need to notify the Office of Financial Aid.

Qualitative: Maintaining Financial Aid Academic Progress (GPA)

To regain eligibility, complete courses at your own expense and raise your cumulative GPA to the acceptable standard. Once you have completed the course and raised your GPA, you will need to notify the Office of Financial Aid to evaluate the coursework taken to see if financial aid can be awarded.

Both qualitative and quantitative measures must be met before Financial Aid eligibility is regained.

Academic Scholarships

Students who have exhibited academic excellence should be rewarded for their achievements. For this reason, LMU has established an academic scholarship program dedicated to recognizing and supporting the continued success of outstanding students.

Academic awards for entering freshmen are awarded on a competitive basis based on high school grade point average, ACT or SAT test scores, class rank, and leadership potential. The amount of the award ranges from $4,000 to full-tuition per year. Academic awards for entering transfer students are based on the cumulative transfer grade point average and the number of hours completed. A limited number of scholarships are awarded to members of the Phi Theta Kappa honor society. Transfer Student Awards range from $2,000 to full tuition per year.

All scholarships are renewable for three additional years provided the student maintains a cumulative 2.0 GPA. Academic awards must be applied toward tuition, books, fees, and on-campus room and board expenses.

All federal, state, and local grants are credited to the student's account first, and any institutional grants or scholarships are applied to the balance of the student's aid eligibility for the semester. No cash refunds will be made.

All students receiving any institutional aid are expected to take an active part in student life by becoming involved in at least one of the University's recognized student organizations (for which he/she is not receiving scholarship money) each semester (*see* Organizations). Recipients are also required to complete 10 hours of campus/community service each semester.

Tuition Exchange

LMU has tuition exchange opportunities with several organizations including the Council of Independent Colleges (www.cic.org) and The Tuition Exchange (www.tuitionexchange.org).

For more information, please contact the organization directly or contact the LMU Human Resources Office.

Annual and Endowed Scholarships

The Annual and Endowed Scholarship application opens in November and must be completed by January 31. Awards are made in April for distribution during the following fall semester. Annual scholarships are awarded pending availability of funds each year.

A.E. York Memorial Scholarship	John Newell Endowed Scholarship
Ada Epperson Endowed Scholarship	John W. Laningham Memorial Endowed Scholarship
Afton Tara Sanders Memorial Endowed Scholarship	John Youell Jr. Scholarship
Algernon Sydney Sullivan Scholarship	Joseph Charles Smiddy and Rosebud Stickley Smiddy Memorial Endowed Scholarship
Alisha Hicks and Erika Todd Memorial Scholarship	Joseph E. and Nell Carr Endowed Scholarship in Athletics
Alpha Lambda Zeta Annual Scholarship	Joseph Stanifer Endowed Scholarship
Ann Shumate Bowling Endowed Scholarship in Secondary Education	Joyce Cope Wyatt Annual Scholarship
Anna and Matt J. Modrcin, Jr. Memorial Endowed Scholarship	Juanita Collins Latiff Memorial Scholarship in Education
Anna Geneva Christian Endowed Scholarship	Judge Gary R. Wade Endowed Scholarship for the Duncan School of Law
Annette Stanley Sykes and Bonsall Sykes Scholarship	Judith Endowed Scholarship
Appalachian Children's Home Endowed Scholarship for Social Work	Judy Baker Johnson Endowed Memorial Scholarship
Appalachian CVM Scholarship	Juliaette and Jane Jones Scholarship
Arts, Humanities and Social Sciences Annual Scholarship	Kaitlyn DeVries Endowed Memorial Scholarship for the LMU College of Veterinary Medicine created by the Bluegrass Animal Hospital and Kaitlyn's Family and Friends
Arvilla Reproductive Memorial (ARM) Scholarship	Kappa Pi Omega and Gamma Lambda Sigma Alumni Scholarship
Baird Brown Memorial Scholarship	Kathleen Burchett and Wandaleen McNeil Endowed Memorial Scholarship
Barnes and Noble Book Scholarship	Kelli Adkins Memorial Scholarship
Ben Sharp Philanthropy Scholarship	Kenneth and Christine Edds Endowed Scholarship
Bernice Cantwell Stevens Memorial Scholarship	Kenneth and Constance Loftice Student Work Scholarship
Bessie and Sanford Headley Scholarship	Kenneth W. and Janice E. Haley Endowed Scholarship
Betty Mason Grubb Memorial Scholarship	Kentucky 5th District Gateway Scholarship
Bill and Mabel Hoffard Endowed Scholarship	Kermit Bailey Scholarship Fund
Bill Engle, Sr. Award of Academic Excellence in Medical Laboratory Science	Kessler Family Endowed Scholarship
Bobby and Charlotte McConnell Endowed Scholarship	Keystone Scholarship
Bobby L. and James F. Collier Endowed Memorial Scholarship	Knoxville Academy of Medicine Alliance Annual Scholarship
Bost Endowed Scholarship	Kristie Rae Surber Endowed Scholarship
Brad Greer Memorial Scholarship	L.G. and Carroll Caylor Endowed Nursing Scholarship
Branstetter Endowed Scholarship	L.N. Foster Scholarship Fund
Browning Memorial Endowed Scholarship	Lakeway Alumni Chapter Endowed Scholarship
Bruce and Lavenia Mitchell Endowed Scholarship	Lambdin Family Endowed Scholarship
C. Bascom Slemp Endowed Scholarship	Larry and Linda Davis Endowed Scholarship
C.T. MacDonald Scholarship Fund	Larry Stephen Rosenbalm Endowed Scholarship
C.W. and Gladys T. Bradley Memorial Scholarship	Leabow Family Endowed Memorial Scholarship
Capt. Brian Sheffield Memorial Scholarship	Lillian A. Ralston Art Award
Carl W. Schaefer Endowed Scholarship	Lillian Porterfield Scholarship
Cecil L. Bellamy Endowed Scholarship	Lillian Rowlett Fugate Memorial Scholarship

Centennial Endowed Scholarship	LMU Alumni Association Endowed Scholarship, Presented by the Class of 1971
Chamberlain Endowed Scholarship	Lorraine D. Peters Endowed Nursing Scholarship
Charles and Mary Covey Endowed Scholarship	Lowell M. Bond Memorial Scholarship
Charles M. Hubbard Endowed Scholarship in History	Lu Anne Ingersoll Music Scholarship
Charles T. King and Professor Janet C. King Family Endowed Scholarship	Luke Copeland Annual Memorial Music Scholarship
Chester A. Maxie Memorial Scholarship	Lura Hughes Memorial Scholarship
Chloe Madison Lamb Memorial Annual Scholarship	M.O. and Lena Worthington Endowed Scholarship
Claiborne County Alumni Chapter Scholarship	Mabel Dunkirk Smith Endowed Music Scholarship
Class of 1936 Endowed Scholarship	Madeline S. Brundage Endowed Scholarship
Cmdr. L. Robert Langley Endowed Scholarship	Margaret Ann Nicholson Endowed Scholarship
Coach Dan Burns Endowed Scholarship	Margaret T. Leary Endowed Scholarship
Companion Animal CVM Scholarship	Marguerite Sundback Endowed Scholarship
Conard and Ruth Ritter Grabeel Endowed Scholarship	Marion Stopinski Memorial Endowed Scholarship
Conrad Daniels Endowed Scholarship	Martin and Lorraine Peters Endowed Scholarship
Cora A. Cupp Endowed Scholarship	Marty and Sheliah Cosby Annual Education Scholarship
Cornie and Jerry Harber, Sr. Endowed Scholarship	Mary Frances Gray Lundy Endowed Scholarship for LMU-DCOM in Memory of James Charles Gray, Sr.
Cottrell Family Endowed Scholarship	Mary Lee Brashears Memorial Endowed Scholarship
Courtney Beryl Owens Memorial Scholarship	Mary Logan Endowed Scholarship
Criminal Justice Dean's Award	Mary Mildred Sullivan Endowed Scholarship
Criminal Justice Department Award	Mary Wilcox Endowed Scholarship
Crofton and Thelma Bays Memorial Endowed Scholarship	Maurine Allen Memorial Annual Scholarship
Croushorn Business Scholarship	Mayme Woodson Brown Music Scholarship
CVM Annual Scholarship	Meyers Y. Cooper Endowed Scholarship
D.A.R. Carpenter Mountain Endowed Scholarship	Mike Reece Family Endowed Scholarship in Business
Daisy and J.V. Carter Endowed Scholarship in Education	Mildred A. Murray Endowed Scholarship
Dames of Loyal Legion Endowed Scholarship	Mildred H. and Bobbie E. Williamson Memorial Endowed Scholarship
David McDonald Memorial Fund	Mildred Headley and Jo DeLong Endowed Scholarship
DCOM Annual Award and Scholarship	Milton and Vina Ray Endowed Scholarship
Dechra Excellence in Dermatology Award	Milton Ratner Endowed Scholarship
Dechra Excellence in Equine Sports Medicine Award	Mission of Hope Endowed Scholarship in Memory of Dedrick Andrew Courtney
Dechra Excellence in Small Animal Internal Medicine Award	Monte & Marion Abrams Endowed Scholarship
Dellinger-Alton History Endowed Scholarship	Monte Vista-Scott Engle Memorial Scholarship
Delta Theta Sigma Endowed Scholarship	Moore Endowed Scholarship
Dennis Lee Peters Endowed Scholarship in Education	Morris F. Wiener Endowed Scholarship
Donald and Mary Lou Pope Endowed Scholarship	Moses Kimball Memorial Scholarship
Donald W. and George F. Parker Endowed Scholarship	Mrs. Gene Hessler Endowed Scholarship
Dorothy G. Neely Endowed Scholarship	MVCC Shelter Medicine Scholarship
Dorothy Roark Russ Endowed Memorial Scholarship	Myra S. Young Memorial Scholarship
Dorothy Teague Bruce Memorial Endowed Scholarship	Nancy Neely Whitaker Endowed Scholarship
Dr. Burt Routman Memorial Endowed Scholarship	Nancy Rogers Leach Memorial Scholarship
Dr. Charlotte A. Bauer and Nannine Clay Wallis History Award	Naomi Ruth Welch Memorial Scholarship
Dr. Edwin Robertson Memorial CVM Scholarship	Nathan Hale Snider Memorial Scholarship
Dr. Estle Pershing Muncy and Dr. Jean Hayter Muncy Endowed Scholarship	National Society Daughters of the Union, 1861-1865, Inc. Endowed Scholarship
Dr. G. W. Stone Fund	National Society Daughters of the Union, 1861-1865, Inc. Endowed Scholarship In Memory of Carrie H. Crowell
Dr. Gary Vroegindewey One Health Scholarship	Neal Cross Award and Scholarship
Dr. H.Y. Livesay Memorial Scholarship	Nicely-Grainger Endowed Scholarship
Dr. J. Frank Pierce and Dr. Joan U. Pierce Endowed Foundation Scholarship	Nora Mullens Endowed Scholarship
Dr. Jerry C. Bishop Endowed Education Scholarship for Athletes	Nursing Alumni Annual Scholarship
Dr. Jerry D. Westerfield Endowed Scholarship	Onilee Wells Lawless Annual Scholarship
Dr. John Copeland and George Mears Wildlife and Fisheries Society Scholarship	Owenby Memorial Endowed Scholarship
Dr. John Wesley Hill Endowed Scholarship	Patsy Ann Yates Robinette Endowed Scholarship
Dr. Judy Edds RN-BSN Scholarship	Patsy Buckner Cruse and Max Cruse Annual Scholarship in Business

Dr. Louis Lutz Memorial Endowed Scholarship	Paul F. Dishner Endowed Scholarship
Dr. Nancy B. and Mr. Tom F. Moody Endowed Scholarship	Paula C. Brumit Scholarship for Professional Advancement
Dr. Orkin Garton Scholarship	Pete Vires Memorial Scholarship
Dr. Owen S. and Genevieve M. Hendren Science Scholarship	Phil and Mary Comer Endowed Nursing Scholarship
Dr. Quinton Wacks Psychology Faculty Scholarship	Philip Kingsland Tompkins Endowed Scholarship
Dr. Ralph Stanley Endowed Scholarship in Music	Powell Valley National Bank Annual CVM Scholarship
Dr. Ray Stowers Endowed DCOM Scholarship	Professor LeRoy Johnson Endowed Scholarship
Dr. Rex Hobbs Memorial Scholarship	Professor Roy F. Floyd Endowed Memorial Scholarship
Dr. Robert Lee Kincaid Endowed Scholarship	R.P. Chesney Memorial Scholarship
Dr. Thomas G. England Memorial Scholarship	R.R. Evans Endowed Scholarship for LMU-DCOM
Dr. Warner S. and Ruth McIntosh Business Scholarship	Ralph U. Butler Endowed Scholarship
Drs. Jason W. and Jennifer T. Johnson Rural Appalachian Region Veterinary Scholarship	Ramsey Award of Clinical Excellence in Medical Laboratory Science
DSOL Annual Scholarship	Ramsey Family Scholarship
Duncan Legacy Endowed Scholarship	Randy Matthews Discretionary Scholarship
E. Cecil Sumpter Endowed Scholarship	Ray Flanary Endowed Scholarship
E.L. Bullard Memorial Scholarship	Rebecca Dagley Fersner Memorial Scholarship
Earl Hobson Smith Endowed Scholarship	Rector Greene Memorial Endowed Scholarship
Ed Baney Memorial Endowed Scholarship	Reggie Morton Memorial Scholarship
Edgar A. Anchors Trust	Reginald K. and Lyndell S. Davis Endowed Scholarship
Education Alumni Annual Scholarship	Regional Education Center Annual Scholarship
Elery and Jamie Lay Endowed Scholarship	Research CVM Scholarship
Elizabeth B. Ridenour Endowed Scholarship	Richard M. Weaver Endowed Scholarship
Elizabeth Yeary Nursing Scholarship	Rita Bishop and Larry Johnson Annual Scholarship
Equine CVM Scholarship	Roberson-Cannon Annual CVM Scholarship
Erika Rains Annual Scholarship	Robert A. and Beryl Fox Sadler Endowed Scholarship
Ernest W. Fields Endowed Nursing Scholarship	Ronald J. and Elizabeth D. Chinnock Memorial Endowed Scholarship for Music
Estate of Lelia M. Weaver Endowed Scholarship	Ronda Clayton LeBoeuf Scholarship Fund for Homeschoolers at LMU
Evelyn and Harold Honious Memorial Endowed Nursing Scholarship	Roop Annual Scholarship
F.W. Welch, Jr. Memorial Scholarship Fund	Rosanna Goforth Cavin Endowed Scholarship
Fay G. Keck Memorial Endowed Scholarship in Elementary Education	Ross Carter Achievement Award in Creative Writing
Flora-Sargeant Schultis Scholarship	Ross Carter Achievement Award in Literature
Food Animal CVM Scholarship	Ross S. Carter Endowed Scholarship in History
Fortner - Diffenderfer Endowed Scholarship	Rowland and Brantley Endowed Scholarship for the LMU-College of Veterinary Medicine
Francis W. Upham Scholarship	Ruby Miller Baker Memorial Scholarship
Frank Carter Annual Education Scholarship	Russell and Belinda Lloyd Endowed Scholarship
Frank Turner Endowed Nursing Scholarship	Ruth Rogers O'Dell Endowed Scholarship
Franklin A. Sr. and Loretto Gulledge Memorial Endowed Scholarship	Sam and Libby McCollough Annual Scholarship
Gail Davidson Pendleton Memorial Scholarship in Education	Sam and Mary Lou Spencer Endowed Scholarship
Gary J. Burchett Endowed Scholarship in Business	Samuel David and Vergie Robinette Carter Memorial Scholarship
George and Birdie Morton Endowed Scholarship	Samuel P. Avery Endowed Scholarship
George and Gloria Longmire Endowed Scholarship	Sanford and Carolyn Harville Annual Scholarship
George I. Alden Trust Endowed Scholarship	Scoggins Family Endowed Scholarship in Chemistry in Memory of Wilson ('44) and Bob ('54) Scoggins
George W. Ogden Scholarship	Shirley Garrett Fields Memorial Endowed Scholarship
Georgia S. Baker Endowed Scholarship	Simmons Education Fund CVM Scholarship
Geraldine (Jerre) McCulley Endowed Scholarship for a Girl from Campbell County, TN at LMU	Snider Whitaker Endowed Scholarship
Gertrude B. Shoun Endowed Scholarship	Sonny Simerly Annual Scholarship
Glenn Bowling Endowed Memorial Scholarship	Southeastern KVMA Scholarship
Glyn Phillips Scholarship	Southwest Virginia Alumni Chapter Endowed Scholarship
Golden Scalpel Endowed Scholarship	Staff Senate Annual Scholarship
Grace Nettleton Foundation Endowed Scholarship	Steve Day & Doug Barnard Athletics Annual Scholarship
Guy L. Taylor Endowed Scholarship	Stooksbury-Meredith-Meredith Endowed Scholarship
H.A. Whiton Memorial Scholarship for Girls	Stuart L. and Eric K. Watson Endowed Scholarship

H.G. Loy Endowed Scholarship	Stuart McClelland Endowed Scholarship
Hanks Endowed Scholarship	Student Services Annual Scholarship
Harland B. Sanders Memorial Kentucky Colonels Scholarship	Sumpter-Caylor Endowed Nursing Scholarship
Harold M. Finley Memorial Endowed Scholarship	T.A. Frick/Class of 1957 Endowed Scholarship
Harris Family Endowed Scholarship	Ted and Avis Phillips Endowed Nursing Scholarship
Harvey and Lois Schell Endowed Scholarship	Tennessee Judicial Conference Foundation Scholarship
Henry Friend Davis Endowed Scholarship	Thomas Family Endowed Scholarship
Henry Spencer Endowed Scholarship	Timacuan Golf Club Scholarship in Honor of Sonny Simerly, LMU Class of 1975
Herbert McCampbell Endowed Scholarship	Todd J. Campbell/Middle District Court Scholarship
Herman Matthews Endowed Scholarship	Traci Gibson Posey Endowed Nursing Scholarship
Hetty McEwen Endowed Scholarship	Tri-State Alumni Scholarship
Howard Peterson Endowed Scholarship	Turner-Jefferies Endowed Scholarship
J. Kermit Bailey Award of Leadership in Medical Laboratory Science	UNAKA Foundation Annual Scholarship for Senior Students at the LMU College of Veterinary Medicine
J.P. and M.G. Bradshaw Scholarship	V. Clifford Lowdenback Endowed Scholarship
J.S. Fearing Memorial Scholarship	Vernon and Nancy Roark Endowed Scholarship
Jack and Myrtle Ailor Endowed Scholarship	Virgil Q. Wacks Memorial Scholarship in Communications
Jack R. and Margaret Lomax Kirstein Endowed Scholarship	Virginia Housholder Memorial Art Scholarship
James B. and Inez Stiner Endowed Scholarship in Memory of Mr. and Mrs. H. Clay Stiner and G.S. Stiner	W.L. Spencer Endowed Scholarship
James H. McCune Endowed Vocal Scholarship	Walter S. Hogg Endowed Scholarship
James R. Niedergeses Memorial Endowed Scholarship	Wayne Wells Memorial Communications Scholarship
James Simmons Annual Scholarship offered to an Outstanding History Student at Lincoln Memorial University, Harrogate, Tennessee	West Virginia Veterinary Medical Foundation (WVVMF) Scholarship
Janet Barnard Memorial Scholarship	Whitaker Lawson and Margaret Chumley Orr Memorial Endowed Scholarship
Jay Mujumdar Endowed Scholarship	William and Anna Rhea Memorial Endowed Scholarship
Jeanette Marlowe Memorial Scholarship	William C. Davis and Janet Dallwig Davis Endowed Scholarship for Social Work
Jeffrey and Charles Woods Family Scholarship	William Edward and Mary Covington Crane Endowed Scholarship
Jess and Rachel Edds Endowed Scholarship	William O. Pointer Endowed Scholarship
Jim and Janet Jordan Endowed Scholarship for Academically Gifted Athletes	William Randolph Hearst Foundation Endowed Scholarship
Jim Byrd Golf Scholarship	Willie H. Cushman Scholarship
Jim Whitt Annual CVM Scholarship	Willie S. Gordon Scholarship
Jimmie Charles Whitt Memorial Scholarship at LMU-DCOM	Wise County, Virginia Annual Grant
Jody and Ashley Goins Family Scholarship in Memory of Jerry Goins	Women of Service Endowed Scholarship
John and Evelyn Bumgarner Endowed Scholarship in Memory of Professor LeRoy Johnson	Women's Relief Corps Endowed Scholarship
John and Sue Ivey Endowed Scholarship	Woods-Jones Endowed Scholarship
John Howard and Mary Bryan Payne Endowed Scholarship	Zeta Tau Kappa Alumnae Endowed Scholarship

Academic Policies and Information

Undergraduate degree information, policies, and procedures detailed in the following pages provide a comprehensive view of the way academic life, the center of the LMU experience, is governed. For information on graduate and professional degree programs, refer to the applicable catalog. Please be aware that academic policies are subject to change. When such changes occur, students are notified by announcement and course schedule updates, including updates on the LMU website and MyLMU.

Summary of Degrees, Programs & Minors

Baccalaureate Degrees

Bachelor of Arts (BA)/Business Administration (BBA)/Bachelor of Science (BS)/Bachelor of Science in Nursing (BSN)

Majors:	
Bachelor of Business Administration (BBA)	BA: History*
BA: Art *	BS: Exercise and Rehabilitation Science
BS: Biology *	BS: Mathematics *
BA: Business *	BS: Mechanical Engineering
BS: Chemistry *	BS: Medical Laboratory Science

BS: Civil Engineering	BSN: Nursing
BS: Communication and Media	BA: Political Science
BS: Computer Science	BS: Psychology
BS: Conservation Biology	BS: Social Work
BS: Criminology and Criminal Justice	BS: Veterinary Health Industry
BS: Education	BS: Veterinary Health Science
BA: English *	BS: Veterinary Medical Technology
BS: Exercise Science	
* Teacher Certification Available	

MINORS:	
Appalachian Studies	Geography
Art	History
Biology	Information Systems
Chemistry	Mathematics
Communication and Media	Philosophy
Computer Science	Political Science
Conservation Biology	Psychology
Criminal Justice	Theatre
English	Writing
General Business	

Note: adding a minor may entail exceeding the minimum 122 credit hours required for the degree.

Associate Degrees

Associate of Business Administration (ABA)
Associate of Science (AS) - Dental Hygiene
Associate of Science (AS) - Veterinary Medical Technology
Associate of Science in Nursing (ASN)

Basic Requirements for Undergraduate Degrees

All candidates for baccalaureate and associate degrees must fulfill the requirements in this catalog. The basic requirements are as follows:

Completing a minimum of 122 semester credit hours for the baccalaureate degree, comprised of courses in the major program, General Education Core Curriculum, and electives and/or minor field of study.

1. Completing a minimum of 60 semester credit hours for the associate degree. Some specific associate degree programs may require 65-75 semester credit hours.
2. Completing the Associate or General Education Core Curriculum requirements appropriate to the degree.
3. Completing all course requirements of the declared baccalaureate major or associate degree program.
4. Completing the last 16 semester credit hours for the associate degree and the last 32 semester credit hours for the baccalaureate degree at LMU.
5. Twenty-five percent (25%) of any undergraduate degree awarded by LMU must be earned through instruction at LMU.
6. Completing, for the baccalaureate degree, a minimum of 36 semester credit hours of 300/400-level courses. Lower division courses will not equate to 300/400 level (upper division) courses.
7. Baccalaureate degree requires completion of the junior and the senior level (SEWS) writing requirements. Completion is noted on the transcript.
8. Achieving a minimum 2.0 cumulative grade point average (GPA) for all coursework, a 2.0 cumulative GPA for General Education Program courses, and a 2.0 cumulative GPA for all courses earned at LMU.
9. Achieving a minimum 2.0 GPA for coursework within the declared baccalaureate major or associate degree program, unless more stringent requirements are stated in this catalog under the academic department head note or program notes in the sections "Undergraduate Academic Programs" and "Undergraduate Course Descriptions."
10. Obtaining official certification for graduation verified by the assigned academic advisor, chair of the appropriate academic department, and the University Registrar.
11. Participating in all outcomes assessment testing (e.g., general education assessment, major field assessment, etc.) and activities when requested. Students may be required to complete one or more questionnaires and to take one or more standardized tests to determine general educational achievement as a prerequisite to graduation. Unless required in a particular program, no minimum score or level of achievement is required for graduation or type of degree awarded. Participation may be required of all students, students in certain programs, or those selected on a sample basis. Additional requirements may appear explicitly or implicitly in policy, procedural, and program statements throughout this and other sections of the catalog and on the website.

Writing Requirement:

Sequential Enhancement of Writing Skills (SEWS)

LMU requires that each student demonstrate minimum competency in writing and information literacy each year of his/her degree program. The freshman year requirement is met by satisfactory completion of ENGL 101. The sophomore requirement is met by satisfactory completion of ENGL102. Thereafter, selected courses at the 300 and 400 levels in each major program include source-based writing assignments that must be successfully completed in order to satisfy SEWS requirements. The student must pass the writing assignment not the course alone to receive SEWS credit. All SEWS requirements must be completed in order to graduate with a baccalaureate degree.

Language Requirement (Bachelor of Arts (BA) Degrees only)

The following standards should be met (or actions taken):

A. Students enrolled in a BA program will complete 2 semester-long courses (6 credits minimum) in the same foreign language or demonstrate equivalent proficiency.
B. The courses currently offered that will be accepted in fulfillment of this requirement are Spanish 111 & 112 (Beginning Spanish I & II); Spanish 211 & 212 (Intermediate Spanish I & II); and French 111 & 112 (Beginning French I & II). Other foreign languages may be offered and approved by the EVPAA to fulfill this requirement.
C. Students may demonstrate an equivalent proficiency to satisfy this requirement through the completion of an approved dual credit course, a passing grade on a CLEP exam, or an acceptable AP exam score (a score of three for exemption from three hours of the requirement, or a score of four for exemption of 6 hours of the requirement).
D. Final approval of foreign language proficiency will be approved by the Chair of the Department of Literature and Language , and the Dean of the Paul V. Hamilton School of Arts, Humanities, and Social Sciences.

Majors and Minors

The LMU major, minor, or concentration is defined as a coherent field of study comprised of the following semester credit hour allocations:

Minor:	15-18 semester hours of coursework
Concentration:	24-27 semester hours of coursework
Major:	30-68 semester hours of coursework

The term "major" refers to a chosen **primary** program of study within a baccalaureate degree; the term "minor" refers to a chosen **secondary** field of study within a baccalaureate degree. As previously summarized, LMU offers a large variety of majors and minors. For details of those fields of study, see Undergraduate Academic Programs and Course Descriptions.

Several majors and minors, especially those interdisciplinary in nature, include courses found in academic departments other than that which houses the field of study.

The student pursuing a baccalaureate degree must eventually choose and declare a major and fulfill all course requirements for that program, in addition to the General Education Core Curriculum requirements.

It is not necessary that the student declare his or her major in the earliest phase of college study; however, it is strongly encouraged that a major and/or minor be declared before achieving junior classification. The following double major combinations are **not** permitted:

- Biology, Pre-Med; and Chemistry, Pre-Med
- Biology and Medical Laboratory Science
- Biology and Conservation Biology
- Medical Laboratory Science and Conservation Biology
- Psychology and Social Work

Any chosen major or minor must be formally declared (and updated in the event of any change) using *the Undergraduate Declaration of Major Form* and remain in the student's official advisement file.

A change of major or minor is at the discretion of the student, but the student is encouraged to consult his/her academic advisor before making such a change. The student's major and minor are noted on the student's official academic transcript upon completion of the degree.

Restricted Programs

Education, Medical Laboratory Science, Nursing, Social Work, Veterinary Health Science, and Veterinary Medical Technology are restricted programs. Students must seek and receive formal admission to the restricted program before enrolling in courses prefixed:

- EDUC (400-level)
- MEDLS
- NURS
- SOCW (340, 400 level)
- VMT

Consult the program director or department chair for details regarding application procedures.

Catalog Used to Meet Graduation Requirements

Traditionally, most baccalaureate degree programs are designed so that a full-time student may complete all requirements and graduate by the end of the fourth year following initial enrollment. Associate degree programs traditionally are designed for completion by the end of the second year. Most students graduate according to those time frames.

However, a variety of personal, job-related, or academic circumstances may cause others to plan for or need a longer period of time to graduate.

A student will seek to fulfill graduation requirements for the chosen degree program as outlined in the catalog published for the year in which he or she first enrolled.

However, degree and program requirements are subject to change from the publication of one catalog to the next. The LMU policy on "graduation catalog" is:

If the student does not graduate within six years of initial enrollment, he or she must meet the requirements of any single catalog in effect within the six years preceding graduation.

Academic Advisement

The student bears ultimate responsibility for effective planning, progression, and completion of all requirements for the chosen degree. However, good academic advisement may make the difference between just going to college and obtaining a sound, well-rounded education. Therefore, each student is assigned an academic advisor. Students should take full advantage of the knowledge, counsel, and personal concern available from academic advisors.

More Than One Major

All degree requirements must be completed for each major, including research and seminars for each major.

Personal Counseling and Advising

LMU recognizes that academic problems often interrelate with psychological, emotional, and social experiences of the student. A variety of programs, people, and services are available to meet the needs of students. Any one office may serve as a referral point for services outside the expertise of that particular office. The academic advisor, the Tagge Center for Academic Support, and the Office of Student Services serve as an initial contact for the student. The Office of Mental Health Counseling is available for students experiencing mental or emotional distress.

Student Course Load

A full-time student is one who carries at least 12 credit hours per semester. The normal course load for a full-time student is 15-17 credit hours per semester. A student should average 16 semester credit hours per semester in order to complete the baccalaureate degree within the traditional 4-year period. Students registering for more than 17 credit hours in a semester must have a 3.00 cumulative grade-point average, approval of the Dean of the applicable school, and complete a *Schedule Overload Approval Form* (located on MyLMU/ Academics/Registrar/ Forms).

Students on academic probation may register for 12 to 16 hours during their probationary period with schedules approved in the Office of Academic Support.

Combined Degree Completion Pathways

The time to complete the combined degree pathways is accelerated because of "double-counted" courses. Students complete the "double-counted" courses at the higher degree level (or the equivalent degree level if students are pursuing a master's and master's combined degree pathway). This preserves the rigor of the higher-level coursework. In addition to restricting enrollment in combined degree completion pathways based on academic merit, LMU limits the total number of "double-counted" credits for each pathway, ensuring that no combined degree pathway falls far short of 150 total credit hours for an undergraduate-graduate pathway or 60 total credit hours for a graduate-graduate pathway.

For combined degree completion pathways with "double-counted" credits, faculty/program coordinators complete LMU's Transfer Credit Approval Form to accept transfer credit hours in the lower (or equivalent for master's-master's pathway) degree program after students complete the appropriate courses in the higher degree program. This ensures all LMU students complete the minimum required credit hours to earn degrees at all approved levels.

Student Classifications

Classifications are determined by the number of semester credit hours completed:

Freshman	0-29
Sophomore	30-59

Junior	60-89
Senior	90-graduation

The Grading System

Grades and quality points represent the instructor's final assessment of the student's performance in a course.

The "C" grade is the instructor's certification that the student has demonstrated average mastery of the material. The grade of "B" signifies that the student has gained a significantly more effective command of the material. The grade of "A" is interpreted to mean that the instructor recognizes exceptionally high performance. A student is graded "D" when a grasp of the course is minimal. The "F" grade indicates failure to achieve the minimal level required and the necessity for successful repeating of the course before credit will be awarded.

A quality point is the value assigned to a letter grade. LMU uses a plus/minus grading system for its undergraduate curriculum.

A	4.0 quality points per semester credit hour
A-	3.67 quality points per semester credit hour
B+	3.33 quality points per semester credit hour
B	3.0 quality points per semester credit hour
B-	2.67 quality points per semester credit hour
C+	2.33 quality points per semester credit hour
C	2.0 quality points per semester credit hour
C-	1.67 quality points per semester credit hour
D+	1.33 quality points per semester credit hour
D	1.0 quality point per semester credit hour
D-	0.67 quality point per semester credit hour
F	no quality points earned

Other possible grades or transcript notations include:

I	Incomplete. If the request for an "I" grade is approved, the work must be completed within the first six weeks of the following semester (excluding summer terms); otherwise the grade automatically becomes "F." The grade of I is calculated in the grade point average with zero points. A student may not repeat (re-enroll) in a course to resolve an Incomplete grade.
P	Passing. Given for credit hours but not for quality points. Not computed in grade-point average (GPA).
IP	In Progress. Work is progressing. The IP grade is restricted to specific courses in the curriculum.
NC	No Credit. No credit assigned for the course. Not computed in the GPA.
SC	Special credit. Not computed in the GPA.
CE	Credit by Examination. Not computed in the GPA.
AU	Audit. Denotes official audit of course; no credit awarded nor grade assigned. To be designated by the Drop/Add Deadline. For information on auditing courses, please review the Audit Form on the University Registrar's Office webpage.
WD	Withdrew. Denotes official withdrawal from the course.

Pass/Fail Grade Option

A student with junior or senior classification may take up to twelve semester credit hours of 300-level and/or 400-level courses to be graded simply pass/fail, applicable to degree requirements but outside the major program requirements. This option must be declared prior to mid-term on the official form available in the Office of the Registrar.

Repeating Courses

With program director approval, a student may repeat a course a maximum of three times in an effort to improve her/his grade point average. A repeated course requires registration and payment of standard tuition and fees.

A repeated course does not increase the total credit hours earned, but does increase the grade point average if a higher grade is earned. The lowest grades are not included in the revised calculation of GPA. However, all course registrations maintained beyond the fifth week of classes of the given semester (prorated summer terms) and resulting grade notations remain a part of the student's permanent record and appear on his/her academic transcript.

Official Academic Records

The Office of the Registrar houses official academic records. The student's permanent academic record may contain the following:

- Name
- Social Security number (partial number since 1980) or numeric identifier
- Chronological summary of LMU coursework and final grades
- Transfer credits, special credits (SC), and credits by examination (CE)
- Degree earned Date(s) and degree conferred

Instructors report final grades to the Registrar at the end of the course. Students receive their grades electronically through WebAdvisor. Any student wishing to receive a

printed copy of his/her grades must submit a written request to the Office of the Registrar before the week of final exams.

Electronic transcripts (including course grades) are retained permanently.

To receive due consideration, any challenge regarding the accuracy of a student's academic record must be submitted in writing by that student to the Registrar within one year of the term in question.

The student may obtain or have forwarded to designated parties copies of his/her academic transcript by submitting a written request to the Office of the Registrar. Electronic transcripts can be transmitted for a fee of $6.75. The cost of each physical transcript is $10.00.

Standards of Academic Progress

With the exception of freshmen (students with < 30 credit hours earned), students must have a 2.00 cumulative grade point average to maintain good academic standing. Freshmen who fail to achieve a 2.00 GPA will be placed on Academic Warning for one semester. If a student fails to maintain the following Standards of Academic Progress, he/she will be notified in a letter from the Office of Academic Affairs.

Academic Warning— When, for any one semester, the GPA for an undergraduate student in good academic standing falls below 2.0, while the student's cumulative GPA remains above a 2.0.
Procedures: The student will be required to meet with his/her Academic Advisor and an Academic Support counselor. During this meeting, a plan will be developed that will include academic counseling, referral to tutoring services, and possible referral to other resources as needed. The Office of Academic Support will monitor the student's progress throughout the semester. A student who fails to achieve a minimum semester GPA of 2.0 for two consecutive semesters will be placed on Academic Probation.

Academic Probation— When an undergraduate student's cumulative GPA falls below a 2.0; or when an undergraduate student has a semester GPA below a 2.0 for two consecutive semesters, but does not meet criteria for Academic Suspension.
Procedures: The student will be required to meet with his/her Academic Advisor and an Academic Support counselor. During this meeting a plan will be developed that will include academic counseling, referral to tutoring services, and possible referral to other resources as needed. An Academic Probation Contract is developed, which stipulates that the student will attend tutoring and meet up to once a week with an Academic Support Counselor. The Office of Academic Support will monitor the student's progress throughout the semester. Students on probation may register for 12 to 17 hours during their probationary period with schedules approved by the Office of Academic Support.
Special conditions: Should a student enter a third consecutive semester with a semester GPA below 2.0, but the cumulative GPA remains above the scale (see below) for Academic Suspension, the role of Academic Advisor for that student will be transferred to a member of the Office of Academic Support. This, in addition to the aforementioned criteria, will assist the student in identifying strategies for improving his/her academic performance.

Academic Suspension— When an undergraduate student is on Academic Probation for at least one semester and fails to meet the minimum GPA requirements listed below (these students are subject to suspension for a period of one regular semester); or when a full-time undergraduate student fails all courses in any given semester.

Scale: GPA Required to Avoid Suspension	
Hours Attempted	Cumulative GPA
0-29	1.50 GPA
30-45	1.75 GPA
46-59	1.90 GPA
60+ Hours	2.00 GPA

Procedures: A student who is academically suspended has the opportunity to submit a written appeal to the Executive Vice President for Academic Affairs, if the student feels there are extenuating circumstances to be considered. The Office of Academic Affairs will receive all academic appeals. A student who is academically suspended from the University may apply for re-admission after the elapsed suspension period by submitting a written request to the Academic Affairs Office a minimum of 30 days prior to the beginning of the semester for which the student is requesting re-admission. A second academic suspension will result in suspension for a full calendar year. A third academic suspension will result in permanent dismissal from the University.

Academic Distinction: Dean's List and Latin Honors

Students carrying a course load of twelve or more semester credit hours (beyond any declarations under the "Pass/Fail

Grade Option") with LMU earning a semester GPA of 3.5, with no grades of I, IP, D, F, or NC, are named to the Dean's List for that semester.

Latin Honors denote three potential levels of academic distinction based on a student's cumulative GPA at graduation. These distinctions should not be confused with the Honors Scholars Program, a by-application academic program requiring additional coursework. Upon completion of the undergraduate degree requirements, students receiving the associate degree who have earned 30 semester hours at LMU, as well as students receiving the baccalaureate degree with 60 semester hours earned at LMU, will be considered for graduation with the following Latin Honors:

Cumulative GPA	Latin Honors
3.50 through 3.74	*cum laude* ("with praise")
3.75 through 3.94	*magna cum laude* ("with great praise")
3.95 through 4.00	*summa cum laude* ("with highest praise")

The valedictorian and salutatorian are selected from those students receiving a baccalaureate degree with at least 100 semester hours at LMU.

Latin Honors recognized at graduation are based on a student's cumulative average at the end of the semester preceding the graduation semester, and are therefore unofficial. Official LMU honors on the diploma will include the final semester's grades.

For students in combined degree pathways such as the Advance to Master's, Guaranteed Professional Admission, and 3 + 3 pathway, only coursework used to fulfill the baccalaureate degree requirements is included in calculating Latin Honors, class rank, Dean's List eligibility, and valedictorian/salutatorian status.

Diplomas

Diplomas will be mailed approximately 4 – 6 weeks after commencement to students who complete all degree requirements.

Change of Schedule

Occasionally the student may determine after the first or second class meeting that he/she needs or wishes to change his/her schedule by adding (enrolling in) and/or dropping (withdrawing from) one or more classes. Such changes should not be made, however, without consulting the academic advisor. Such changes can be made only by using the official *Change of Schedule Form* (located on MyLMU /Academics/Registrar/Forms) and fully processing the change through the Office of the Registrar and the Financial Aid Office.

The student may add courses to her/his schedule through the "last day to complete registration" as announced in the Undergraduate Academic Calendar, and after that date there is a $15 per-course fee for adding or dropping courses.

With regard to dropped courses, there are important deadlines that affect the grade or notation that will appear on the student's academic transcript. See the Undergraduate Academic Calendar and take special note of:

Last day to drop without "WD"

If the course is dropped on or before that date, the course will not appear on the transcript; if the course is dropped after that date, the course will appear on the transcript with a notation of WD (for "Withdrew").

Last day to drop without "F"

If the course is dropped after that date, the course will appear on the transcript with the grade **F.**

Early Registration and Late Registration

Early registration helps ensure each student a place in classes for the upcoming term, and helps the University adjust offerings to meet student needs.

Students are urged to take advantage of the designated period each term to meet with his/her advisor, plan ahead, and register early. Early registration is confirmed at the ensuing registration period. Early registration refers to preregistration for classes and registration confirmation by arranging for payment for classes.

The final step in registration is the payment of fees or arranging for alternate forms of payment. Until this step is completed, the student is not officially registered and is not eligible to attend classes. Students who attend class without completing registration may not receive academic credit for attendance or work completed.

Students should carefully plan and register for a schedule on the published registration dates for each term. However, students may register through the published late-

registration period.

Students must complete registration by the published "last day to complete registration/add courses" deadline of each semester, and financial accounts must be reconciled by the last day of the semester to receive any transcript credit for the semester. Late registrants must make up missed work and are assessed a late fee.

Transfer Credits from Other Institutions

LMU will evaluate, for potential transfer, credit awarded by other institutions accredited by associations (regional or national) recognized by the Council of Higher Education Accreditation and/or the U.S. Department of Education. LMU must evaluate all potential transfer credit and determine if such credit is equivalent in terms of academic level, content, quality, comparability of student learning outcomes, and degree program relevance to coursework offered through the University's curriculum.

Students who wish to use coursework completed outside the United States must submit their transcripts for evaluation to one of the following four approved services:

World Education Services
P. O. Box 745
Old Chelsea Station
New York, NY 10113-0745
212.966.6311
www.wes.org

Educational Credential Evaluators, Inc.
PO Box 514070
Milwaukee, WI 53203-3470
www.ece.org

International Education
Evaluations, Inc. (IEE)
7900 Matthews-Mint Hill Rd, Suite 300
Charlotte, NC 28227
704-772-0109
www.iee123.com

Josef Silny & Associates
7101 SW 102 Avenue
Miami, FL 33173
305-273-1616
https://www.jsilny.org/org

A course-by-course evaluation is required and all coursework must be designated as undergraduate, graduate or professional. LMU will only honor evaluations from one of the above services. The evaluation must be included with the application packet.

In all cases, student learning outcomes for course credit accepted in transfer for fulfillment of degree requirements (general education or major program) must be determined by evaluation to be equivalent to those of courses offered by LMU.

The University maintains direct transfer and articulation agreements with a number of two-year institutions. Other policies governing transfer credit include:

1. Developmental or remedial courses are recorded but do not apply to the degree.
2. All other equated courses or approved elective credit courses and grades are recorded and calculated in attempted hours, hours earned and cumulative academic GPA.
3. Transfer courses with the grade of "D" cannot be used to complete a major course requirement. If the course is required for the major it must be repeated.
4. Transfer courses with the grade of "D" cannot be used to satisfy a General Education Core requirement. If the course is part of an earned Associate of Arts or Associate of Science from a Florida, Kentucky, Tennessee, or Virginia community college and awarded after January 1, 2010, the course will not have to be repeated. In all other cases the course must be repeated.
5. Transfer students who have earned an Associate of Arts (AA) or an Associate of Science (AS) degree awarded after January 1, 2010, intended for transfer to a four-year institution, and requiring 30 or more semester credit hours of general education coursework from a Florida, Kentucky, Tennessee, or Virginia community or technical college shall be deemed to have met LMU's General Education Core requirements, except for the mission specific courses LNCN 100 and CIVX 300. The student may be required to complete additional general education coursework in order to meet the University's expected learning outcomes, core licensure, or certification requirements in certain programs.
6. Transfer students must meet all degree or program requirements for graduation as outlined in this catalog.
7. Technical or non-university parallel courses are considered for transfer credit on a course by course basis.

Approval to Apply for Coursework at another Institution

Currently enrolled LMU students applying to take coursework at another institution must meet the following conditions before LMU will accept transfer credit.

1. Current students must gain approval before taking courses at other institutions (form available in the Registrar's Office or on the Registrar's web page).
2. No approval shall be granted for coursework at another institution if the equivalent course is available in the current semester and no scheduling conflict exists.
3. No approval shall be granted for coursework at another institution if the student does not have an overall "C" average at the University.
4. No approval shall be granted for coursework at another institution if the student is in his/her final 32 hours (baccalaureate) or 16 hours (associate) of LMU credits without prior approval from the Executive Vice President for Academic Affairs.

Special Credit (SC) and Credit by Examination (CE)

In approved cases, LMU may award special credit (SC). There is a fee of $50 per credit hour recorded for Special Credit.

Special credit is defined as post-high school, pre-college learning resulting from activities such as past work and/or volunteer experiences, military service, community involvement, professional certifications, training experiences, successful self-education, and avocational pursuits. LMU does not award SC for the experience itself nor for the years of experience, but rather for the knowledge and skills attained as a result of the experience.

Evidence of documented college-level prior learning may be presented in portfolio format in pursuit of SC. The student seeking SC receives assistance from the office of the dean of the applicable school in the preparation of an application portfolio. The portfolio must include, among other documents, an expanded resume with detailed descriptions of academic goals, and verification of learning. The completed portfolio is evaluated for academic merit and credit by a faculty expert or an expert consultant in the field selected by the dean of the applicable school. The evaluation process measures the experiential learning through any or all of the following approaches: 1) product assessment, 2) oral interview, 3) written examination, and 4) skills assessment.

The University recognizes the value of college-level prior learning as documented by University challenge exams and standardized tests, both of which may result in Credit by Examination (CE). There is a fee of $50 per credit hour recorded for Credit by Examination.

Minimum test scores for challenge exams are established by appropriately credentialed faculty and approved by the respective school dean. If the student scores no more than 10% below the minimum score on a University challenge exam, the student may request a consultation with the faculty member. LMU utilizes the minimum test scores recommended by the American Council on Education (ACE) for DANTES Subject Standardized Tests (DSST) and College Level Examination Program (CLEP) exams. Where University approved and American Council on Education recognized standardized tests exist (e.g., CLEP, DSST, etc.), LMU will utilize such assessments and recommendations in lieu of challenge exams.

Advanced Placement examinations are recognized for credit in specific academic areas. The following table indicates academic credit that will be awarded based on specific AP scores as approved by the University faculty.

AP Exam Title	Score	LMU Credit Awarded
Art History	4 5	ART 381 ART 381, 382
Studio Art: 2-D Design	3 4-5	ART elective ART 105
Studio Art: 3-D Design	3 4-5	ART elective ART 110
Studio Art: Drawing	3 4-5	ART Elective ART 110
English Lang. & Comp.	4-5	ENGL 101
English Lit. &Comp.	4-5	ENGL 102
Comp. Gov. and Politics	3-5	POLS 320
European History	3-5	HIST elective
Human Geography	4-5	GEOG 211
Microeconomics	4-5	ECON 212
Macroeconomics	4-5	ECON 213
Psychology	4-5	PYSC 100
U.S. Gov. & Politics	4-5	POLS 100
U.S. History	3 4-5	HIST 131 HIST 131, 132
World History: Modern	4-5	HIST 122
Calculus AB	4-5	MATH 150
Calculus BC	3 4-5	MATH 150 MATH 150, 250

AP Exam Title	Score	LMU Credit Awarded
Statistics	4-5	MATH 270
Biology*	3 4-5	BIOL 111 BIOL 111, 112
Chemistry*	3 4-5	CHEM 111 CHEM 111, 112
Environmental Science *	3-5	ENVS 100
Physics I*	4	PHYS 211
Physics II*	4	PHYS 212
Physics C: Elec. & Mag.*	3-5	PHYS 212
Physics C: Mechanics*	3-5	PHYS 211
French Lang. & Culture	3 4-5	FREN 111 FREN 111, 112
Spanish Lang. & Culture	3 4-5	SPAN 111 SPAN 111, 112
Spanish Lit. & Culture	3 4-5	SPAN 111 SPAN 111, 112

*Credit for laboratories in the natural sciences may be awarded on demonstrated mastery of equivalent college-level laboratory experience. The student must submit AP lab course notebook and syllabus for review by the appropriate department faculty.

In approved cases, CE may be awarded for passing, at a predetermined level, an examination from the National League for Nursing (NLN), or similar agencies. Development of a portfolio is not required in the application for CE.

LMU awards SC and/or CE only if such credit contributes to or supports the student's degree program. Subject to appropriate approvals, awarded SC and/or CE may be applied to fulfill a General Education Core Curriculum requirement, a major or minor field of study requirement, or as a University elective.

The maximum combined SC and CE that may be applied toward a baccalaureate degree is 32 credit hours; the maximum applicable toward an associate degree is 16 credit hours.

The last 32 semester credit hours toward a baccalaureate degree or 16 semester credit hours toward an associate degree must be LMU coursework. Neither SC nor CE is calculated in the student's grade-point average.

The student considering graduate study elsewhere or undergraduate transfer to another institution should be aware that not all colleges and universities honor transcript credit designated SC or CE.

Attendance Policy

To maximize the learning experience at LMU, students are expected to attend all classes. It is the student's responsibility to complete all course requirements even if a class is missed. The University understands that certain absences are unavoidable and recognizes the following as excused absences:

- Personal illness – health care provider validation typically required; chronic illnesses which may cause absences should be disclosed to the instructor (see course syllabus for specific guidelines)
- Death or critical illness in the immediate family
- Jury duty
- Military duties
- Religious observances of a student's faith
- Participation in a university-sponsored activity – with official notification from University personnel

Faculty may require documentation for excused absences. Additional excused absences are determined at the discretion of the faculty member. Faculty members must allow each student who is absent due to a reason recognized as an "excused absence" the opportunity to make up work missed without any reduction in the student's final course grade. The make-up work should be done in a timely manner which is determined at the discretion of the faculty member as outlined in the course syllabus. Responsibility for materials presented in, assignments made for, and tests/quizzes given in regularly scheduled classes, lies solely with the student. In the case of foreseeable absences, students are responsible for notifying the faculty member in advance of the absence. The desired notification method is determined by the faculty member and is outlined in the course syllabus. Failure of the student to notify faculty of an excused absence may result in the absence being considered unexcused, in which case the opportunity for make-up work could be lost. Neither the absence, nor the notification of the absence, relieves the student from course requirements. Misrepresenting the reason for a class absence to a faculty member is a violation of the section 8.8 of the Rail Splitter Community Standards Guide.

The LMU Athletics Division will provide official notification of excused absences directly to the instructor. It is also the student athlete's responsibility to notify the instructor of any absence PRIOR to the absence. For examinations (tests or quizzes) that conflict with excused athletic absences, the student athlete must notify the instructor BEFORE the absence and reach an exact agreement on the time and date of the make-up exam/quiz. Major projects/papers/presentations affected by excused absences must also follow the make-up process as outlined above.

Online Classes – In the instance of a foreseeable absence that could impact online learning, students should make every effort to complete online assignments as regularly scheduled. If a circumstance arises that prevents a student from having online access during the absence, the student must communicate with the faculty member regarding the reason for the absence, lack of online access, and possible make-up options.

Academic Integrity

The integrity of the learning experience is built upon the mutual responsibilities of students and faculty. It is the responsibility of the faculty of LMU to foster complete honesty, fairness, and truthfulness in all teaching and learning activities, i.e. "academic integrity." Based on this shared responsibility and definition, the faculty identify the following as violations of academic integrity and provide typical consequences for these violations while reserving the right to use their own judgment, within the bounds of academic freedom, to determine if academic integrity has been violated and to determine the fair consequences for that violation. Where proctors are assigned and responsible for assessment supervision, they have the same authority and responsibilities of faculty members. Students are expected to complete original work. This standard has been developed with input from the LMU Faculty Senate and the LMU Student Government Association and approved by the LMU Academic Council. Faculty must also design learning activities and assessment environments to minimize opportunities for students to violate academic integrity. If a violation is observed or otherwise detected, faculty may stop the activity for those involved and then review the evidence with their immediate supervisor and/or academic dean. Following this review, the student(s) involved will be notified of the specific violation and consequences. Students cited for violations may follow the appeals process in the academic program. If the appeal is not resolved in the LMU school or college, the Executive Vice President for Academic Affairs will receive and resolve the appeal. Consequences for violating academic integrity by students range from a zero on the assignment to suspension from the University. Repeated violation within a course usually results in immediate failure of that course. Violations in multiple courses, including repeating the same course in another semester, usually results in immediate failure and suspension from the University. Violations of academic integrity will be recorded and archived in the student discipline records by the Associate Dean of Students and in the academic records of the University by the Executive Vice President for Academic Affairs. The student's academic advisor will also be notified of the violation.

Cheating - Cheating may be active or passive. Active cheating is when one decides and pursues behavior that is dishonest. Passive cheating is when one decides to do nothing to prevent cheating or fails to notify the academic authority (i.e. the instructor) of cheating. Dishonesty of any kind on academic assignments is cheating. Academic assignments are diverse but usually include: quizzes, exams, problem sets, essays, research papers, analysis papers, book reviews, creative objects, performances, speeches, and presentations. Unauthorized possession of examination questions or answers, the use of unauthorized notes during an examination, obtaining information during an examination from another student, assisting others to cheat (collusion), altering grade records, or illegally entering an office are instances of cheating. These violations may be in person or via technology. Faking an illness in order to take a test at a different time, failure to report others who are violating academic integrity, bullying/intimidating others to prevent reporting of a violation, and falsifying an attendance sheet are also forms of cheating. In addition, forgery, falsification, fabrication, and misrepresentation are cheating. Copyright infringement is stealing and cheating the creator of recognition or compensation for intellectual property.

Plagiarism - Plagiarism is regarded by the faculty and administration as a very serious offense. Plagiarism is to present the work of others as one's own, including AI generated material, without proper permission. Failure to give proper acknowledgment/citation to the original author of a statement, or statements, is the most common form of plagiarism. Plagiarism is also to present as new and original work that was completed and submitted previously by the same author(s). Any student who fails to give credit for quotations or essentially identical material taken from books, magazines, encyclopedias, web sources (including AI text generators) or other reference works, or from the essays, research papers, or other writing of a fellow student has committed plagiarism.

Instructors may prohibit access to and use of electronic devices in a course, especially during quizzes and examinations. Electronic devices include but are not limited to calculators, telephones, smartwatches, computers, and tablets. Where computers are used for testing, the faculty member is expected to design and regulate the environment to minimize opportunities for students to violate academic integrity. This may include using lock-down web browser technology. Additional and more specific guidance, standards, and consequences with respect to academic integrity may be defined in each course syllabus. The syllabus may also state other specific expectations that will be followed in courses to encourage

academic integrity. Students are encouraged to clarify with the instructor the exact meaning of academic integrity in each course and learning situation.

Academic Writing - Generative AI software and other writing software may be useful in brainstorming ideas for writing papers (although not paper content), for generating practice questions for test preparation, and for other helpful purposes. However, the instructor expects all student work submitted in class to be entirely the work of the student, unless otherwise stated. Student work is to be their own composition in their own words. Any undisclosed co-authorship, assisted research, or use of any generative artificial intelligence software is prohibited and will be considered academic dishonesty. Penalties will be the same as for plagiarism.

Cancellation Notification Due To Weather or Other Emergencies

LMU offices generally will remain open and scheduled instruction will continue during periods of inclement weather, even though campus-based class may be canceled. Faculty and staff members should refer to the "University Closures and Delayed Openings: and "Instructional Continuity" policies in the *Employee Handbook* for additional information.

The main sources of information regarding cancellation/delay of classes due to weather-related situations are the **LMU Website, myLMU LiveSafe, and the telephone weather information lines.** Every effort will be made to have morning or daytime cancellation/delay notices posted by 6 a.m. and notices for evening classes (those beginning at 6 p.m. or later) posted by 4:30 p.m.(Please note that for weather emergencies such as tornado warnings or closings due to disaster or lockdown situations, the LiveSafe emergency alert system is used; information about the LiveSafe emergency alert system may be found at this link). More information regarding weather cancellation notification can be found at this link.

NOTE: Off-campus sites utilizing local school facilities are closed when those facilities close due to weather conditions. If the Harrogate campus or an off-campus site is closed, an announcement will be made in the same way, i.e., LMU Website, LiveSafe, and site-specific weather-related information line.

Addressing Concerns for Undergraduate Programs

LMU provides a number of avenues through which students can address issues and concerns. Grievances and appeals also have specific processes with steps to follow in pursuing resolution. The Formal Complaint process is available to have an internal committee review the handling of appeals/grievances.

Students should express their concerns as quickly as possible through the appropriate channels. Undergraduate students requiring assistance with these processes may contact the Dean of Students or Associate Dean of Students in the Office of Student Services (located in DAR Hall) at (423) 869-7166. Students are encouraged to address their concerns on the following topics by using information provided in the resources identified in parentheses:

- Grades (Undergraduate Catalog)
- Academic Issues (Undergraduate Catalog)
- Academic Appeals (Undergraduate Catalog)
- Non-Academic Appeals (Railsplitter Community Standards Guide)
- Financial Aid (Railsplitter Community Standards Guide; Undergraduate Catalog)
- Sexual Harassment / Sexual Assault / Dating or Relationship Violence (Railsplitter Community Standards Guide)
- Discriminatory Conduct (Railsplitter Community Standards Guide)
- Student Code of Conduct (Railsplitter Community Standards Guide)
- Traffic Appeals (Railsplitter Community Standards Guide)
- Student Rights (Railsplitter Community Standards Guide)
- Athletics / NCAA Compliance (Athletic Handbook)
- Title IX (Railsplitter Community Standards Guide)
- ADA/504 (Railsplitter Community Standards Guide)

Academic Grievance/Appeal Procedure

Grievances concerning any aspect of a course should first be taken to the instructor of the course. If a student thinks the matter has not been resolved with the course instructor, the matter should be taken to the chair of the department offering the course immediately but no later than two weeks following the first day of classes for the next semester (including summer terms). The next appeal

step is the Dean of the applicable school delivering the course in question. All academic and grade appeals must be submitted in writing.

Grievances concerning any aspect of an academic program should first be taken to the student's academic advisor and then department chair if necessary. The next appeal step is the Dean of the applicable school delivering the academic program in question. If an appeal process is in place for a specific academic program for which the student has enrolled and agreed to follow its standards, that program's process must be followed. Academic grievance/appeal procedures may have specific timelines and deadlines that must be followed. The student should consult the academic program student handbook or that program's dean's office for the exact process and timeline.

For undergraduate students, a final decision on academic grievances will be rendered by the Executive Vice President for Academic Affairs.

Formal Complaint Process

LMU seeks to address written student complaints when brought to the attention of the administration. The formal complaint process of LMU is a separate process from the program specific appeal/grievance process in an academic program. The University encourages students who have a legitimate concern to participate in the formal complaint process if the concern is not addressed by the program specific appeal/grievance process. The Formal Student Complaint is used to document and track the institution's forthright attempts to address appropriately filed Formal Student Complaints.

The Formal Student Complaint Form may be downloaded at: https://www.lmunet.edu/office-of-institutional-compliance/student-complaint-process.

The process initiated by this form does not negate or replace any appeal/grievance process of a specific program. The student may be directed to that process as a result of filing this form. That program specific appeal/grievance process in an academic program must be completed by the student before any additional review may take place by the University. The formal complaint process initiates a review of the completed appeal/grievance process. A formal complaint must be filed within 30 days of the receipt of the final decision from the program specific appeal/grievance process.

For proper processing, all information must be completed and delivered to Office of Institutional Compliance, Cumberland Gap Offices #3 (Next-door to the Lincoln's Closet), 609 Colwyn St., Cumberland Gap, TN 37724.

Off-Campus Authorities

All Locations

Complaints relating to quality of education or accreditation requirements shall be referred to the Southern Association of Colleges and Schools Commission on Colleges (SACSCOC) (http://www.sacscoc.org/pdf/081705/complaintpolicy.pdf);

Tennessee Locations

Complaints related to the application of state laws or rules related to approval to operate or licensure of a particular professional program within a postsecondary institution shall be referred to the appropriate State Board (i.e., State Boards of Health, State Board of Education, and so on) within the Tennessee State Government and shall be reviewed and handled by that licensing board (http://www.tn.gov, and then search for the appropriate division).

For students attending programs in Tennessee, complaints related to state consumer protection laws (e.g., laws related to fraud or false advertising) shall be referred to the Tennessee Division of Consumer Affairs and shall be reviewed and handled by that Unit (https://www.tn.gov/attorneygeneral/working-for-tennessee/consumer-affairs.html).

Out-of-state students using distance learning programs, who are not satisfied with the institution's resolution of their complaint may appeal the institution decision to THEC using the Request for Complaint Review form. Additional information on the THEC complaint process is available at THEC Complaint Review Process. Students may also contact THEC.RCD@tn.gov with questions.

Corbin, Kentucky Location

Filing a Complaint with the Kentucky Commission on Proprietary Education

To file a complaint with the Kentucky Commission on Proprietary Education, a complaint shall be in writing and shall be filed on Form PE-24 May 2022, Form to File a Complaint, accompanied, if applicable, by Form PE-25 May 2022, Authorization for Release of Student Records.

The form(s) shall be mailed to the following address:
Kentucky Commission on Proprietary Education
500 Mero Street, 4th Floor
Frankfort, Kentucky 40601

Existence of the Kentucky Student Protection Fund
Pursuant to KRS 165A.450 All licensed schools, resident and non-resident, shall be required to contribute to a student protection fund. The fund shall be used to reimburse eligible Kentucky students, to pay off debts, including refunds to students enrolled or on leave of absence by not being enrolled for one (1) academic year or less from the school at the time of the closing, incurred due to the closing of a school, discontinuance of a program, loss of license, or loss of accreditation by a school or program.

Process for Filing a Claim Against the Kentucky Student Protection Fund
To file a claim against the Kentucky Student Protection Fund, each person filing must submit a signed and completed Form for Claims Against the Student Protection Fund, Form PE-38 and provide the requested information to the following address:
Kentucky Commission on Proprietary Education
500 Mero Street, 4th Floor
Frankfort, Kentucky 40601

Forms may be located at https://kcpe.ky.gov/Pages/index.aspx.

Lexington, Kentucky Location & Kentucky Online students

To file a complaint against an institution licensed by the Kentucky Council on Postsecondary Education, submit this form: https://cpe.ky.gov/campuses/complaintform.html

REF: 13 KAR 1:020 Section 13. Consumer Complaint Procedure.
https://apps.legislature.ky.gov/law/kar/titles/013/001/020/

A person with a complaint or grievance involving misrepresentation against a college licensed under this administrative regulation shall make a reasonable effort to resolve the complaint or grievance directly with the college. If a mutually satisfactory solution cannot be reached, the procedures established in this section shall be followed.

(1) A person shall submit a written complaint to the president which contains evidence relevant to the complaint and documentation that a reasonable effort was made to resolve the complaint directly with the college.

(2) The president shall require an institution to file a written response setting forth the relevant facts concerning the consumer complaint, including a statement on the current status of the complaint, and any resolution of the complaint.

(3) The president shall review the facts as presented and may intervene to bring the matter to a satisfactory conclusion through facilitation, but the facilitation shall not include legal action on behalf of any party.

Ewing, Virginia Location
In accordance with § VAC 40-31-100 of the Virginia Administrative Code, the State Council of Higher Education for Virginia (SCHEV) is responsible for investigating all written and signed student complaints against postsecondary educational institutions operating in Virginia. Students with a complaint that have exhausted all available grievance procedures at LMU and are not satisfied with the resolution provided by LMU should follow the procedures outlined at Student Complaints (schev.edu). The State Council of Higher Education for Virginia, 1010 N. 14th Street, 10th Floor, James Monroe Building, Richmond VA 23219, 804-225-2600.

Tampa, Florida Location
Complaints related to the application of state laws or rules related to approval to operate or licensure of a particular professional program within a postsecondary institution shall be referred to the appropriate State Board (i.e., State Boards of Health, State Board of Education, and so on) within the Florida State Government and shall be reviewed and handled by that licensing board (http://floridasnursing.gov/licensing/, and then search for the appropriate division).

For students attending programs in Florida, complaints related to state consumer protection laws (e.g., laws related to fraud or false advertising) shall be referred to the Florida Office of the Attorney General and shall be reviewed and handled by that Unit (https://www.myfloridalegal.com/consumer-protection).

For students attending programs in Florida, who have a grievance that has not been resolved through other avenues, they can contact the Florida Department of Education - Commission on Independent Education either by sending a letter to: Commission for Independent Education 325 W. Gaines Street, Suite 1414, Tallahassee, FL. 32399-0400, or by email: CIEINFO@fldoe.org, or Fax: 850-245-3238

Complaint Policies and Procedures for Certain Distance Education Students

The below policies apply to students who are:

- non-Tennessee residents in State Authorization Reciprocity Agreement ("SARA") states and who are enrolled in a distance education program/course or
- who are attending an out-of-state learning placement in a SARA state.

The nature of complaints to be addressed through these policies include violations of SARA policies and dishonest or fraudulent activity. These policies do not apply to complaints concerning student grades or student conduct violations. For more information on complaint subject matter see *SARA Policy Manual* Sections 4.2 and 4.3.

Additional Complaint Policies

- Tennessee Higher Education Commission ("THEC")
  - Students must complete the institution complaint process before appealing to THEC.
  - Students who are not satisfied with the institution's resolution of their complaint may appeal the institution decision to THEC using the Request for Complaint Review form. Additional information on the THEC complaint process is available at THEC Complaint Review Process. Students may also contact THEC.RCD@tn.gov with questions.
  - The appeal to THEC must be filed within two (2) years of the incident about which the complaint is made.
  - Out-of-state student may also contact their home state higher education authority; although student may be referred to THEC. See State Portal Entity Contacts | NC-SARA for a listing of SARA states and contacts.
  - Students residing in non-SARA states, currently California only, should consult their respective state of residence for further instructions for filing a complaint.

Family Educational Rights and Privacy Act (FERPA)

The Family Educational Rights and Privacy Act (FERPA) affords eligible students certain rights with respect to their education records. (An "eligible student" under FERPA is a student who is 18 years of age or older or a student of any age who attends a postsecondary institution.) These rights include:

1. The right to inspect and review the student's education records within 45 days after the day LMU receives a request for access.
2. The right to request the amendment of the student's education records which the student believes is inaccurate, misleading, or otherwise in violation of the student's privacy rights under FERPA.
3. The right to provide written consent before LMU discloses personally identifiable information (PII) from the student's education records, except to the extent that FERPA authorizes disclosure without consent.
4. The right to file a complaint with the U.S. Department of Education concerning alleged failures by LMU to comply with the requirements of FERPA. The name and address of the office that administers FERPA is:

Family Policy Compliance Office
U.S. Department of Education
400 Maryland Avenue, SW
Washington, DC 20202

For more information on FERPA see the University Registrar's website: https://www.lmunet.edu/academics/registrar/ferpa

Public Notice Designating Directory Information

LMU designates the following information contained in students' education records as "directory information." Directory information may be disclosed by the University without the student's prior consent pursuant to the provisions of the Family Educational Rights and Privacy Act of 1974 (FERPA). However, the University is not required to disclose directory information and, therefore, carefully evaluates requests for information. At LMU, directory information includes the student's name, address, telephone number, email address, date and place of birth, photographs, major and minor field(s) of study, dates of attendance, class (freshman, sophomore, etc.), enrollment status (undergraduate or graduate; full or part-time), participation in officially recognized activities or sports, height and weight of student-athletes, degrees, honors (including Dean's List) and awards received, and the most recent educational agency or institution attended.

Currently enrolled students may withhold disclosure of directory information under FERPA. To withhold disclosure, students must submit a Request to Restrict Release of Directory Information to the Registrar. Former students may not submit a request to restrict disclosure of directory information on their education records, but they may request removal of a previous request for nondisclosure.

For more information regarding the University's FERPA policy, please contact the Registrar.

Distance Education Policies

Up-to-date distance education policies are found on the Policies page of the LMU website.

Policy for Verification of Identity

It is the policy of Lincoln Memorial University (LMU) to ensure that the student who registers for a distance education course or program is the same student who participates in and completes the course or program and receives credit. LMU will ensure this by verifying each student's identity.

In compliance with the SACSCOC (2020) *Distance Education and Correspondence Courses Policy Statement*, verification of a student's identity shall be accomplished either by: (a) use of a secure login and password/passcode; (b) proctored examinations; or (c) use of new or other technologies and practices that are effective in verifying student identity in a distance education environment.

Procedure for Verification of Identity

At LMU, the primary and preferred method of verification of a student's identity for distance education purposes shall be option (a) of the policy, use of a secure login and passcode along with multi-factor authentication. Options (b) proctored examinations and/or (c) new technologies may be used to verify the identity of a student when approved through appropriate University approval processes to include vote by Department and Academic School/College faculty and Academic Council.

Distance Education Policy and Procedures for Protecting Student Privacy

It is the policy of Lincoln Memorial University (LMU) to ensure that the privacy of students enrolled in distance education courses or programs shall be protected.

Procedures:

1. Privacy of student records will be maintained in accordance with the Family Educational Rights and Privacy Act (FERPA). Lincoln Memorial University will ensure that it is in compliance with all FERPA guidelines. Should the University use any service provider for the delivery of online courses, that provider will be contractually obligated to meet FERPA guidelines.

2. Students will submit course assignments within the password/passcode-protected, multi-factor-authenticated learning management system designated for the course in which they are enrolled.

3. Student postings to discussion boards, chat rooms, and class forums shall be accessible only to members of the class, the course instructor(s), and anyone specifically authorized by a course instructor if such authorization is for pedagogical/assessment purposes. (The President, a Vice President, Academic School/College Deans, and Program Directors may access discussion boards, chat rooms, and class forums for evaluation/assessment purposes.)

4. Grades for discussion board participation and written assignments are confidential and are only accessible by the individual student and the course instructor(s), and anyone specifically authorized by a course instructor if such authorization is for pedagogical/assessment purposes. (The President, a Vice President, Academic School/College Deans, and Program Directors may access grades for evaluation/assessment purposes.)

5. Online student examinations shall be accessible only to course instructor(s) and anyone specifically authorized by a course instructor if such authorization is for pedagogical purposes. (The President, a Vice President, Academic School/College Deans, and Program Directors may access examinations for evaluation/assessment purposes.)

6. Material from online courses used for curriculum/course/program assessment/evaluation purposes will be reviewed by course instructors and Academic School/College Deans to ensure that it does not include the identity of individual students.

7. Personally identifiable information of students, regardless of whether it is kept by LMU or a service provider, shall be kept in an encrypted format with at least 128kb encryption methods.

Distance Education Policy and Procedure for Additional Student Charges Related to Verification of Identity

In compliance with SACSCOC Standard 10.6 Section C, it is the policy of Lincoln Memorial University (LMU) that

advance notice will be provided to distance education students of any additional student charges associated with verification of student identity.

Procedures When Additional Student Cost Is Involved

Currently, three options for verification of student identity are available and referenced in LMU's Distance Education Policy and Procedure for Verification of Identity. At LMU, the primary and preferred method for verification of a student's identity for distance education purposes is the use of a secure login and passcode with multi-factor authentication. In addition to being an effective and accepted means of verification of student identity, this option does not require that a student be burdened with any additional charges related to verification of identity.

However, (a) if it becomes necessary to adopt another means to verify that the student who registers in a distance education course or program is the same student who participates in and completes the course or program, and receives credit for it; and (b) if such new verification method involves an additional cost which is to be passed on to the student; then (c) adequate advance notice (including, but not limited to, at the time of registration or enrollment) of the additional cost related to verification of identity will be provided to the student.

Notification methods, at minimum, will include: identifying the additional charges in registration materials published for each semester, including notice of the additional charges in distance education course syllabi, and notifying distance education students by email.

Criminal Background Check Policy

If a student is assigned for clinical experiences/practicum at a clinical affiliate, other affiliate agency, organization, or school requiring a criminal background check, the student will be required to provide the requested information.

Students are allowed in the facility at the discretion of the clinical affiliates, other affiliate agency, organization, or school. If the agency denies the student's acceptance into the facility, the student will not be able to complete the clinical/practicum/field experience and will be withdrawn from the program.

In certain situations, investigative background reports are ongoing and may be conducted at any time. Access to the program may be denied at any time by the agency or LMU.

Pursuant to the Fair Credit Reporting Act, LMU provides each student with the proper notices and forms at the time of application to the University with regard to background checks.

Harassment, Discrimination, and Sexual Misconduct

LMU prohibits discrimination on the basis of race, color, ethnicity, religion, sex, national origin, age, ancestry, disability, veteran status, sexual orientation, marital status, parental status, gender, gender identity, gender expression, and genetic information in all University programs and activities. LMU prohibits retaliation against any individual for 1) filing, or encouraging someone to file, a complaint of discrimination; 2) participating in an investigation of discrimination; or 3) opposing discrimination. "Retaliation" includes an adverse action or act of revenge against an individual for filing or encouraging someone to file a complaint of discrimination, participating in an investigation of discrimination, or opposing discrimination.

LMU is committed to providing an environment free of all forms of discrimination, including gender or sex-based discrimination. With the exception of guidance counselors in session, all LMU employees are Mandatory Reporters; this means that if you inform any LMU employee of a situation that may involve sexual misconduct, including sexual harassment, sexual assault, stalking, domestic violence, dating violence, or any other form of prohibited gender or sex-based discrimination, the employee is required to report the information to the Title IX Coordinator. If you would like to speak with an individual who does not have this obligation, confidential counseling is available to students free of charge through the LMU Office of Mental Health Counseling, Duke Hall 202. For more information, call (423) 869-6277, or schedule an appointment online at https://www.lmunet.edu/student-life/counseling/schedule-an-appointment.

If you have experienced discrimination and would like to make a report to the University, contact: Rebekah Webb, Title IX Coordinator/Institutional Compliance Officer, by email at titleix@lmunet.edu. The Title IX Coordinator/ Institutional Compliance Officer's office is located in Cumberland Gap Offices #3 at 609 Colwyn Ave., Cumberland Gap, TN. The Harassment, Discrimination, and Sexual Misconduct Policies are available on the Office of Institutional Compliance website.

Help and support is available. LMU offers support to help

individuals navigate campus life, access health and counseling services, and obtain academic and/or housing accommodations.

Hazing

1. Hazing is defined as any reckless or intentional act, whether occurring on- or off-University-controlled property, by one (1) or more students, which is directed against any other student or groups (regardless of their willingness to participate), that produces mental, emotional, or physical pain, discomfort, embarrassment, humiliation, or ridicule, that is required or expected for affiliation or initiation into a group or organization. This includes any activity, whether presented as optional or required, that places individuals in a position of servitude as a condition of affiliation or initiation.

2. Hazing is strictly prohibited by the University. Any individual or organization found responsible for hazing is subject to disciplinary action and/or criminal prosecution.
3. Retaliation against any person who reports or cooperates in the investigation of a hazing incident is strictly prohibited and will result in separate disciplinary action.

Reporting Hazing:

- If you are aware of an incident of hazing, you are required to report the incident to the Office of Community Standards. Reports can be made confidentially or anonymously. Reports may be submitted by email to the Office of Community Standards (conduct@lmunet.edu), or through the University's online incident reporting **form**.

Public Disclosure of Hazing Incidents:

- In compliance with federal law, the University will publicly report incidents of hazing annually on its website in the **Annual Security Report**, as well as, bi-annually in the **Campus Hazing Transparency Report**. The report will include the student organization name, a description of each incident, including whether the violation included the abuse or illegal use of alcohol or drugs, the findings of responsibility of any institutional investigations, and any sanctions imposed.

The Annual Security Report (ASR) and the Campus Hazing Transparency Report serve distinct purposes in promoting campus safety and accountability, but they focus on different types of conduct and reporting requirements:

Annual Security Report (ASR): Required by the federal Clery Act, this report provides detailed information on campus crime statistics, safety policies, and procedures related to emergencies, crime prevention, and victim support. Its primary purpose is to inform current and prospective students, employees, and the public about campus safety and security.

Campus Hazing Transparency Report: Mandated by state laws like the Stop Campus Hazing Act (if applicable), this report specifically discloses incidents of hazing reported to the institution, including dates, types of hazing, investigations, and outcomes. Its purpose is to increase public awareness and accountability regarding hazing incidents at colleges and universities.

Key Difference: The ASR covers a broad range of campus crime and safety information, while the Campus Hazing Transparency Report focuses solely on hazing incidents and their resolution.

Campus Wide Hazing Prevention Program

- In compliance with federal law, the University implements a campus-wide, comprehensive Hazing Prevention Program. An overview of the Hazing Prevention Program, in addition to a comprehensive overview of how Hazing Incidents are reported, investigated, and sanctioned, can be found **here**.

Note*: This policy complies with the requirements of the Stop Campus Hazing Act (P.L. 118-39).*

Application for Graduation

Each candidate for graduation must make a formal application to the Registrar (complete Intent to Graduate Form located at the end of your Program Evaluation in WebAdvisor) no later than the last day of the semester prior to the semester of graduation.

Students completing requirements during May summer term participate in the following December commencement ceremony.

If six or fewer credits are needed to graduate in May, a student may petition the Executive Vice President for Academic Affairs to participate in the commencement ceremony, but will not receive a diploma until graduation

requirements are met.

A graduation fee of $50 is assessed for associate degree candidates and a fee of $75 is assessed for baccalaureate degree candidates. This fee covers the cost of the degree audit (i.e., determining that all academic requirements have been met), the cost of the diploma, and academic regalia.

Change of Name or Address

A student who changes his/her name, residence, or mailing address is expected to immediately notify the Office of the Registrar regarding the change. Name changes must be submitted as a signed request. Documentation must accompany a name change: marriage certificate, divorce decree, or court order. Current students can change their address online through their WebAdvisor account. Former students must submit a signed request for an address change.

Communication from the University

Any communication from the University that is mailed to the name and address on record is considered to have been properly delivered. The student's LMU email address will be used for all electronic mail.

LMU Student Email Policy

LMU Student Email Policy

Electronic mail (email), like postal mail, is an official mechanism for administrators, faculty, staff, and students to communicate with each other. The University expects that email communications will be received and read in a timely manner. Students are expected to check email frequently and regularly to stay current with University-related communications, recognizing that certain communications may be time-critical. If a student receives an official email from a University faculty member, administrator, or staff member and does not read that email, any subsequent repercussions cannot be excused by "unread email messages."

Inappropriate emails, some examples of which are described below, are prohibited. Anyone receiving such an email should immediately report it to the Information Services Department via the Report Suspicious Email button found in most email clients or contact the University Helpdesk.

Material that is fraudulent, harassing, profane, obscene, intimidating, defamatory, or otherwise unlawful or inappropriate may not be sent by email or other form of electronic communication. If a student engages in this type of behavior, it will be considered a violation of the policy and will result in disciplinary action. Examples of inappropriate uses of email are as follows:

- Sending bulk emails that do not relate to University business or student activities. Bulk emails that mention names and individuals in a derogatory manner are unprofessional and could be considered slanderous.
- The creation and exchange of messages that are harassing, obscene or threatening.
- The unauthorized exchange of proprietary information or any other privileged, confidential sensitive information.
- The creation and exchange of information in violation of any laws, including copyright laws or University policies.
- The knowing transmission of a message containing a computer virus.
- The misrepresentation of the identity of the sender of an email.
- The use or attempt to use the accounts of others without their permission.

Every student is issued an email account. Some faculty members require submission of homework assignments via email. Students may choose to access their email on the University computer systems, from their resident hall rooms on their personal computers or from home on their personal computers. LMU supports a web-based email client that can be accessed from any computer with Internet access. The syntax for LMU student email addresses is firstname.lastname@lmunet.edu.

In the event two students have the same first and last name, a sequential number is added to the end of the last name (ex. randall.johnson1@lmunet.edu). Students can access the web-based client from MyLMU under the section Office 365 Email or using https://outlook.com/owa/lmunet.edu. We encourage our students to use their LMU email accounts for all communication during their tenure at LMU. All LMU incoming and outgoing email is scanned for viruses. The computers (both desktops and laptops) located in the Library are available for student use to complete homework assignments and check their email.

Additional computer workstations are available in smaller computer labs in the Hamilton Math & Science Building and Business Education Building on the Harrogate Campus.

University-owned computer labs are also available for students taking classes at any extended campus sites in Corbin, Kentucky; Knoxville, Tennessee; Chattanooga, Tennessee; and Tampa, Florida.

Stand-Alone Certificate Candidates

Certificate candidates must apply for graduation for certificate awarding, but are not eligible to participate in the Commencement Ceremony.

Definition of a Credit Hour

Lincoln Memorial University's policy defining the credit hour is published here: Credit Hour Policy

Undergraduate Academic Programs

This section includes important university undergraduate academic information and academic policies listed by department. Each academic department section enumerates programs, including course and credit requirements, occasionally followed by important notes. The student is cautioned that the order in which the course requirements appear is **not necessarily the order in which the courses should or must be taken;** for assistance contact the appropriate academic advisor. The academic degree to which a major program applies is noted parenthetically following the title of the program.

Descriptions of undergraduate courses by department are located in the final section of this catalog (*see Course Descriptions*). It is LMU's policy that any established academic course within the undergraduate curriculum which is not offered within a given three-year period may be removed from the curriculum and the *Undergraduate Catalog*.

For information on graduate degree programs refer to the applicable catalog.

Course Numbering System

Courses carry a prefix designating a particular academic discipline, and a three-digit number. The digits and numerals represent the following:

First digit*	1 = Freshman level 2 = Sophomore and capable Freshman level 3 = Junior and capable Sophomore level 4 = Senior and capable Junior level
Second digit	0-9 = specific areas within the discipline; perhaps, but not necessarily reflecting the comparative difficulty or sophistication
Third digit	0 = single semester course, **not** repeatable for additional credit 1 = first course of a **sequence, not** repeatable for additional credit 2 = second course of a **sequence, not** repeatable for additional credit 3 = course that **may** be repeated for additional (though limited) credit 4-8 = single semester course **not** repeatable for additional credit 9 = reserved for recording approved transfer credit from another institution; or for approved credit awarded for other prior learning
These three-digit numbers are **reserved** as indicated:	195, 295, 395, 495- Special topic 196, 296, 396, 496- Independent Study 497 Culminating Study/Project/Experience (e.g.: Senior Exhibition, Senior Research Project, Senior Seminar, Student Teaching, etc.) 498 Internship

When the course numbers for a sequence appear on the same line, separated by a **hyphen (-)**, that signals the first course of the sequence is **prerequisite** to the second. Otherwise, the first course is **not** prerequisite to the second.

*For AS in Dental Hygiene programs the first digit indicates the year in which students take that particular course.

Special Topic, Independent Study, and Directed Study

Special Topic

A Special Topic course (195, 295, 395, 495) is a limited time offering, by an Academic Department, of a course not listed in the undergraduate catalog. Special Topic courses are designed and offered by full-time faculty members and provide an opportunity to (a) offer a course that addresses a recently emerging issue, (b) pilot a course before submission for approval as a regular offering in the undergraduate programs course catalog, and/or (c) provide a limited offering of a topical course to enrich and expand offerings based on current student and faculty interest. Special Topic courses must be approved by (a) the department chair and (b) the school Dean. The Course Approval Form documenting departmental and school approval, as well as the course syllabus, will be archived in the Dean's Office. Special Topic courses cannot be used as course equivalent substitutions for satisfying LMU's General

Education Core Curriculum requirements. The Department Chair can approve a Special Topic course as an elective toward a major. A Special Topic course can be taught as many as three times before it must be submitted to Academic Council for consideration as a regular course offering to be published in the Undergraduate Programs Catalog.

Independent Study

Independent Study courses (196, 296, 396, 496) enable students to engage in focused research under the guidance of full-time faculty members, exploring topics not listed in the undergraduate catalog. To initiate an Independent Study course, students and faculty must complete an Independent Study Request Form detailing the objectives, resources, and evaluation criteria. This form requires approval from (a) the supervising faculty member, (b) the department chair, and (c) the Dean of the respective school before course registration. These courses are designed to supplement the university's standard offerings, allowing students to delve into areas of special interest with tailored academic guidance. Independent Study courses provide an avenue for academic exploration and innovation. The Department Chair may approve these courses as electives toward a major to offer flexibility in fulfilling degree requirements. The combination of Independent Study and Directed Study courses are limited to a total of 15 semester credit hours across a student's academic career.

Directed Study

A Directed Study is a regular LMU course offering that is taught to a student on an individual faculty/student basis. A Directed Study course requires a Directed Study Contract that outlines the objectives, resources, and assessment methods. The course syllabus detailing meeting times, examinations, and readings must be included. This form requires approval from (a) the supervising faculty member, (b) the department chair, and (c) the Dean of the respective school before course registration. Directed Studies are offered contingent upon faculty availability and are typically not approved if the course is available in the same semester. The combination of Independent Study and Directed Study courses are limited to a total of 15 semester credit hours across a student's academic career.

Definition of Course Description Terms

The following terms may be used in the descriptions of courses and/or in programs of study:

- Prerequisite: A course that a student must pass prior to enrolling in a more advanced course.
- Corequisite: A course in which the student must be enrolled concurrently with another course.
- Recommended prerequisite: A course that is recommended (but not required) prior to enrolling in a more advanced course.
- Collateral: A required course outside the program of study.

Honors Scholars Program

Honors Scholars Program

The Honors Scholars Program (HSP) offers students opportunities to become campus leaders and enrich their college experience with academic, service, and cultural work beyond the standard curriculum. Honors scholars are able to work closely with faculty in General Education courses, as well as within their chosen majors, to deepen their knowledge in courses of their choosing. Honors scholars work together to plan service projects within the LMU and wider community, organize academic and cultural trips, and travel to regional and national conferences to present their research.

Mission Statement

The LMU Honors Scholars Program exists to promote undergraduate scholarship and encourage intellectual dialogue among students. It deepens values through an approach of critical reading and writing in courses reinforced with service learning and increased social and cultural collaboration. The LMU HSP is marked by its interdisciplinary nature and course objectives that focus on analysis, integration, and application. A service ethic is reinforced by activities and responsibilities throughout the program where Honors students reach out to fellow students and to the broader community.

Program Admission

Incoming freshman students with a minimum 3.5 high school GPA may apply to be members of the HSP. To accord with the University's temporary test-optional admissions, the HSP has temporarily suspended the requirement that applicants have a minimum 26 ACT composite score. Transfer and current students may apply to be members of the HSP with a minimum cumulative college GPA of 3.00. All applicants are required to attend a formal interview and provide a writing sample as part of the application process. Final admissions decisions are made by the Honors Council, a committee of faculty from across the University and elected honors student-officers, who review all materials and approve new members by vote.

Program Design and Benefits

This program is intended to function like a "minor" and will include special regalia and recognition at commencement, as well as corresponding designations on the student's diploma and transcript. Students commit to engage in special coursework, service work, and cultural activities to enrich their regular learning, as well as enhance their resumes and networking opportunities. Core courses with HNRS prefixes are listed below. Many non-HNRS courses can be taken as honors "contract courses" and will fulfill General Education or academic major requirements. Honors contract courses help fulfill the minimum required credit hours for recognition at graduation and allow students to work with faculty in classes of their choosing to do honors-level work.

Eligibility for the HSP scholarship is based on acceptance into the Program. However, Program admission does not guarantee that a student will receive the award, because scholarships are awarded on a competitive, first-come, first-admitted basis from a finite annual fund. When the fund is exhausted for the academic year, students who did not receive the scholarship will be placed on a waiting list.

Requirements for 4-year Honors Students

Honors students who enter the Program in their freshman year and/or complete at least 23 honors course credits, including the Honors Capstone Project, will receive recognition as University Honors Scholars. For 4-year honors students, the required honors courses are:

HNRS 100 Honors Perspectives and Skills	1
HNRS 200 Meaning & Service in a Diverse World	1
HNRS 203 Honors Seminar	1
HNRS 300 Junior Capstone Project	1
HNRS 303 Honors Seminar	1
HNRS 333 Honors Lab (min. of 2/max of 4 full credits)	0.5
HNRS 400 Senior Capstone Project	1
HNRS 497 Senior Capstone	0

Requirements for Transfer or Current LMU Students

Transfer students and current LMU students who have at least two years (or 60 credits) of degree-work remaining are eligible to apply for the Program if they have a minimum cumulative college GPA of 3.0. Students completing at least 18 honors course credits, including the Honors Capstone Project, will receive recognition as Honors Scholars on their transcript. Transfer students who have completed all or part of the requirements of an honors program at another academic institution may have some of these requirements waived with the approval of the Honors Council.

For transfer or current LMU students, the required honors courses are:

HNRS 203 Honors Seminar
HNRS 300 Junior Capstone Project
HNRS 303 Honors Seminar
HNRS 333 Honors Lab (min. of 1/max of 2 full credits)
HNRS 400 Senior Capstone Project
HNRS 497 Senior Capstone

Contract Courses

All honors students will earn the balance of required credit hours by selecting contract courses (CCs) that allow them to engage in scholarship under the mentorship of a faculty member. At the beginning of each semester, honors students may choose no more than three (3) of their regular courses to designate as contract courses. Students must request a "contract" with the instructor to do honors-level work in that course. This work is agreed upon in writing (CC proposal form) between the student and instructor and then routed for authorization by department chairs, deans, and the Honors Council. At the end of the semester, the Honors Director and Office of Academic Affairs verify that the work was completed and all contract terms met. The Registrar then designates the course as HNRS on the student's permanent transcript.

Honors Capstone and HNRS-prefix courses

All honors students complete a capstone project as a program requirement. The majority of required HNRS courses are therefore designed to allow the honors student to build critical thinking, reading, writing, and research skills as they work toward a capstone experience as scholars: the completion and presentation of an Honors Capstone Project. The project can take various forms (e.g. research experiment, creative work, etc.) but all must include a written component and PowerPoint presentation.

Freshmen Honors students will be introduced to the culture and expectations of the Honors program, strategies for college success, and the nature of scholarship in HNRS 100. The student will develop and hone research skills and consider the processes of research by examining multi-disciplinary approaches to community problem-solving in HNRS 200. In HNRS 300, the student will develop advanced research skills and begin work on the Honors Capstone; in this course, they will choose their topic, form their faculty

capstone committee, and write a proposal for submission to and approval by the Honors Council. The student must present a written proposal for the project to, and receive approval from, the Honors Council before commencing work on the project. HNRS 400 affords the student time to work independently on research and with their committee members as they complete the capstone project. Because the project functions as a capstone experience, the student will publicly present and defend their project in HNRS 497. This course will also serve as the place for completing an institutional assessment of the program.

The honors seminars (HNRS 203 and 303) are taught by faculty from across campus on an array of topics that introduce students to multi- and interdisciplinary research. All faculty are invited to propose and teach seminar topics in their areas of expertise.

HNRS 333 is the Honors Laboratory, a course held every semester in which honors students meet to read and discuss common texts, plan service projects and cultural excursions, write reflectively, and conduct committee work vital to Program success. HNRS 333 is a required course that students must take for credit at least once per academic year. It may be taken for zero credit with no writing requirement. Students are encouraged to enroll every semester, as this course is our primary means of fostering camaraderie and benefiting from a multiplicity of perspectives.

Optional Honors Course: LNCN 110

As part of the General Education (GE) requirements at LMU, all students must take LNCN 100 "Lincoln's Life and Legacy." A more advanced version, LNCN 110 "Honors Lincoln's Life and Legacy," has been created to replace LNCN 100 for any student who wishes to complete honors-level work for this GE course. LNCN 110 is designed in the style of a seminar: interactive and discussion-based. Students will read a scholarly biography of Lincoln and focus on current, real-world issues and problem-solving related to Lincoln's legacy. Additionally, students in 110 will learn about research methods in the Abraham Lincoln Library and Museum and digitally explore Lincoln travel sites. While the 1 credit does not apply to the required HNRS credit totals of 23 or 18, the course is designated "honors" on the transcript. Because of the opportunities 110 offers, HSP students are highly encouraged to take LNCN 110 instead of 100 in the spring of their freshman year.

HSP Participation and e-Portfolios

All honors students create and maintain an e-Portfolio to document their participation in the three pillars of the HSP: academic, service, and cultural experiences. Containing students' photographs and brief reflections, these personal websites have been shown to be important links on resumes and graduate school applications, as they provide viewers with visual evidence of student engagement and success. Academic experiences include attendance or presentations at conferences, attendance at lectures, workshops, and award ceremonies, research opportunities, study abroad, etc. Students must record at least two academic posts per semester. As campus leaders, honors students are expected to help design and participate in at least one HSP-sponsored service project per semester. Students must also record attendance in at least one cultural event per semester, such as a play, concert, museum, etc. Each e-Portfolio should be updated throughout the semester, with final updates due on the last day of classes. The e-Portfolios are director- and peer-reviewed and scored according to a rubric.

Program Leadership: Honors Director and Honors Council

The Honors Director and Honors Council have oversight responsibility for this academic program. The Director reports directly to the Executive Vice President for Academic Affairs and meets regularly with the Council to present operational matters for discussion and voting. The Honors Council is composed of representative faculty members from every undergraduate School and student-elected representative honors students. The Director makes recommendations to the Executive Vice President for Academic Affairs regarding criteria for honors courses and specific honors courses that have been approved by the Council.

General Criteria for Honors Courses:

- Analysis
- Synthesis
- Critical reading
- Critical writing
- Documentation and attribution excellence for source materials
- Relevant and current application of knowledge and analysis
- Evidence of learning approach(es) such as debate, presentations, instructional travel
- Service/experiential learning

Note: Each course is expected to meet many of the above objectives but not every item above. Courses are expected to be designed appropriately for the academic level.

General Criteria for Faculty teaching honors courses:

• Proven ability to provide intellectual leadership and mentoring of students in and out of the classroom

• Support for the overall mission and objectives of the Honors Scholars Program

• Understanding of the differential educational approach of honors courses

• Exceptional teaching skills that include fostering inclusive discussion, thoughtful learning activities, selection of relevant and current readings, use of scholarly documentation and attribution, meaningful assessment instruments, and timely feedback to students

• Engagement of peer evaluation process of classroom observation, feedback, and reflection

Probation and Dismissal from the Program

If an honors scholar fails to achieve a cumulative 3.0 GPA in any given semester, they will receive an academic warning and be placed on probation. The student will be expected to raise the GPA within two semesters. If after the second semester the GPA is still below 3.0, the student will be dismissed from the Program.

The e-Portfolio is an important indicator of Program participation. If an honors scholar fails to maintain the e-Portfolio by the stated deadline, or if the scored rubric indicates insufficient participation/content, the student will be placed on probation. If the e-Portfolio is not updated by the next stated deadline, then the student will be dismissed from the Program. An honors scholar who fails to update the e-Portfolio during his/her last semester will not graduate with honors.

Students placed on academic warning, probation, or suspension are ineligible for the HSP scholarship. Because the scholarship is awarded on a competitive basis, there is no guarantee that it will be restored even after the warning/probation/suspension period has ended.

Any violation of the University's academic integrity policy or codes of conduct will result in immediate dismissal from the Program.

An honors scholar who is dismissed from the Program may appeal his/her dismissal to the Honors Council by completing an appeals packet, as described in the HSP Handbook.

General Education

General Education Core Curriculum

The faculty of LMU have created The Lincoln Liberal Arts Core Curriculum to help fulfill the mission of LMU by developing and fostering agreed upon competencies in graduates of associate and baccalaureate degree programs.

Student learning outcomes for students completing the General Education Core Curriculum program are:

All students:

- Students demonstrate a basic understanding of Abraham Lincoln's life and legacy
- Students demonstrate the ability to communicate effectively in both oral and written forms
- Students demonstrate the ability to use mathematical skills and analyses to solve quantitative reasoning problems in everyday life and work
- Students demonstrate the ability to use principles and knowledge of the social sciences to make informed decisions in everyday life and work
- Students demonstrate the ability to use various forms of scientific data to make informed decisions in everyday life and work
- Students demonstrate a fundamental level of knowledge of the humanities that supports their understanding of the development of societies and cultures for the purpose of decision making for everyday life and work
- Students demonstrate the knowledge and skills necessary to function as successful college students in academic and interpersonal pursuits

Additional Student Learning Outcomes for graduates of Baccalaureate programs:

- Students demonstrate understanding of American citizenship
- Students demonstrate the ability to critically read, analyze, and synthesize historical evidence

General Education Policies

1. Students should carefully review **The Lincoln Liberal Arts Core Curriculum** requirements outlined and monitor their progress toward meeting them.
2. Students should meet with their academic advisors each semester to help ensure adequate progress toward completion of the Core Curriculum requirements.
3. As soon as possible after enrolling at the University, students who have completed general education coursework elsewhere should, with the help of their academic advisors, formally request appropriate substitutions for specific Core Curriculum requirements.
4. Some courses listed in the categories of **The Lincoln Liberal Arts Core Curriculum** may be prerequisites to more advanced coursework in specific major programs. Students can meet the Core Curriculum requirements by completing any of the courses listed in each category. However, students who choose courses other than those prerequisites must complete additional coursework to prepare for their major program requirements.
5. Some courses listed in the categories of **The Lincoln Liberal Arts Core Curriculum** may also satisfy licensure requirements in professional programs. Students can meet the Core Curriculum requirements by completing any of the courses listed in each category. However, students who choose courses other than their licensure requirements will be required to enroll in additional coursework in order to complete their professional programs.
6. A maximum of three courses may count concurrently toward **The Lincoln Liberal Arts Core Curriculum** and the student's major program of study.
7. LMU courses with a grade of "D-" may be counted for the University's general education requirement. A cumulative general education program GPA of 2.0 is required for graduation.
8. Required testing and other measures are used to determine the extent to which students achieve the learning outcomes of **The Lincoln Liberal Arts Core Curriculum** at both the Associate and Baccalaureate levels. Students graduating from an Associate's degree program are tested in the semester of graduation. Students pursuing a baccalaureate degree are tested when enrolled in CIVX 300. Students achieving scores and ratings demonstrating achievement more than one standard deviation above the LMU average shall receive a LMU General Education Outstanding Achievement Certificate.

   Students pursuing a baccalaureate degree must exceed a minimum score on the Territorium E-Proficiency Profile (EPP) Assessment and any essay writing exam that may be given or pay an additional fee equal to the cost of the additional exam to repeat the necessary exam for which they fall below the achievement level set by the LMU General Education Committee. Results of the repeated test(s) will be used by the LMU General Education Committee to determine if the student has met or exceeded the student learning outcomes of The Lincoln Liberal Arts Core Curriculum. If the student's subsequent results from repeated testing fall below the achievement levels set by the LMU GE Committee, the GE Committee will prescribe a specific remediation plan and mechanisms to demonstrate achievement of The Lincoln Liberal Arts Core Curriculum student learning outcomes. Until that achievement is successfully demonstrated the student will have a grade of No Credit (N.C.) assigned for CIVX 300.

To demonstrate achievement of **The Lincoln Liberal Arts Core Curriculum,** students must score above LMU's one standard deviation less than the three-year average on the EPP exam. Scores from repeated exams are not included in this average calculation.

Core Curriculum Requirements for Associate of Science Degree Programs

The following courses are required for ASN (Nursing), AS in Equine Veterinary Education, and AS in Veterinary Medical Technology students as part of the general education curriculum. Some programs require specific course options from within the General Education curriculum. Students should consult with their advisors to ensure completion of coursework that fulfills all requirements.

General Education

I. LMU Specific Courses

Item #	Title	Credits
UACT-100	Strategies for College Success	1
LNCN-100	Lincoln's Life and Legacy	1

***LMU requires all first-time freshmen students with fewer than 15 credits of college credit to complete UACT 100.**

II. Communication

Item #	Title	Credits
COMM-200	Fundamentals of Speech Communication	3
ENGL-101	Composition I	3

III. Ethics, Fine Arts, History, or Humanities

Item #	Title	Credits
	AS General Education - Ethics, Fine Arts, History or Humanities	**3**
ART-100	Art Appreciation	3
ART-381	Survey of Art History I	3
ART-382	Surv Art Hist II	3
BUSN-250	Social & Ethical Environment of Business	3
ENGL-240	Literary Forms	3
ENGL-250	Literary History and Culture	3
ENGL-350	Narrative, Healing and the Body	3
GEOG-350	Geography of Religion	3
HIST-121	World History to 1500	3
HIST-122	World Hist Since 1500	3
HIST-131	American History to 1877	3
HIST-132	American Hist Since 1877	3
MCOM-410	Media Law and Ethics	3
MUSC-100	Music Appreciation	3
MUSC-468	Survey of World Music	3
PHIL-100	The Meaning of Life	3
PHIL-200	Introduction to Philosophy	3
PHIL-210	Logic and Critical Thinking	3
PHIL-330	Ethics	3
PHIL-430	Medical Ethics	3
REL-210	Surv Old Testament	3
REL-220	Surv New Testament	3
REL-310	Comparative Religions	3
REL-315	Comparative Christianity	3
THEA-100	Intro to Theatre	3
THEA-340	Survey of Dramatic Literature	3

IV. Behavioral/Social Sciences

Item #	Title	Credits
	AS General Education - Behavioral/Social Sciences	**3**
BUSN-380	Personal Finance	3
CRIM-105	Introduction to Criminal Justice	3
ECON-212	Principles of Microeconomics	3
ECON-213	Principles of Macroeconomics	3
GEOG-100	Introduction to Geography	3
GEOG-110	World Regional Geography	3
GEOG-211	Intro to Human Geography	3
GEOG-300	Environmental Geography	3
POLS-100	American Government: National	3
POLS-240	Intro to Political Ideas	3
POLS-250	Introduction to International Relations	3
PSYC-100	Introduction to Psychology	3
PSYC-221	Child and Adolescent Development	3
PSYC-222	Adult Development	3
SOCI-100	Introduction to Sociology	3

PSYC-221 counts concurrently toward LMU's social science general education requirement and is highly recommended for ASN students. Other courses in the disciplines of Economics, Geography, Government, Psychology, and Sociology will also meet LMU's general education requirements in the social sciences. However, students who have completed one of these courses for their social science requirement would still be required to take PSYC 100 or 221 as a nursing licensure requirement.

PSYC-221 counts concurrently toward LMU's social science general education requirement and highly recommended for ASN students. Other courses in the disciplines of Economics, Geography, Government, Psychology, and Sociology will also meet LMU's general education requirements in the social sciences. However, students who have completed one of these courses for their social science requirement would still be required to take PSYC 100 or 221 as a nursing licensure requirement.

V. Mathematics

Item #	Title	Credits
	AS General Education - Mathematics	**3-4**

Choose **one** course from the following:

MATH-105	Transitional College Mathematics	3
MATH-110	Reasoning and Problem Solving	3
MATH-115	College Algebra	3
MATH-120	Trigonometry	3
MATH-150	Calculus I	4

VI. Natural Sciences

Item #	Title	Credits
	AS General Education - Natural Sciences	**4**
BIOL-100	Introduction to Biology	3
BIOL-100L	Introduction to Biology Lab	1
BIOL-230	Microbiology	3
BIOL-230L	Microbiology Lab	1
BIOL-261	Human Anatomy and Physiology I	3
BIOL-261L	Human Anatomy and Physiology I Lab	1
BIOL-262	Human Anatomy and Physiology II	3
BIOL-262L	Human Anatomy and Physiology II Lab	1
CHEM-100	Introduction to Chemistry	3
CHEM-100L	Introduction to Chemistry Lab	1
ENVS-100	Introduction to Environmental Science	4
GEOG-120	Int Phy Geog: Planet Earth	3
GEOG-120L	Int Phy Geog: Planet Earth Lab	1
PHYS-100	Introduction to Physics	3
PHYS-100L	Intro to Physics Lab	1
PHYS-211	General Physics I	3
PHYS-211L	General Physics I Lab	1

BIOL-261, BIOL-262 are nursing licensure requirements. Any laboratory science course in Biology, Chemistry, Environmental Science, or Physics meets LMU's natural science general education requirement for associate degrees. Any one of the courses listed above will count concurrently toward general education and the nursing program requirements.

Associate of Science (ASN or VMT)
Program-specific general education course requirements:

PSYC 221 counts concurrently toward LMU's social science general education requirement and highly recommended for ASN students. Other courses in the disciplines of Economics, Geography, Government, Psychology, and Sociology will also meet LMU's general education requirements in the social sciences. However, students who have completed one of these courses for their social science requirement would still be required to take PSYC 100 or 221 as a nursing licensure requirement.

BIOL 261, 262 are nursing licensure requirements. Any laboratory science course in Biology, Chemistry, Environmental Science, or Physics meets LMU's natural science general education requirement for associate degrees. Any one of the courses listed above will count concurrently toward general education and the nursing program requirements.

Associate of Business Administration (ABA):

To see ABA degree plan of study and requirements, see **Associate of Business Administration (ABA).**

Total Credits	21-22

Core Curriculum Requirements for Baccalaureate Degree Programs

Some programs require specific course options from within the General Education curriculum. Students should consult with their advisors to ensure completion of coursework that fulfills all requirements.

General Education

I. LMU Specific Courses

Item #	Title	Credits
UACT-100	Strategies for College Success	1
LNCN-100	Lincoln's Life and Legacy	1
CIVX-300	American Civics	2

II. Communication

Item #	Title	Credits
COMM-200	Fundamentals of Speech Communication	3
ENGL-101	Composition I	3
ENGL-102	Composition II	3

*Bachelor of Arts students must complete 6 credit hours of a foreign language.

III. Ethics, Fine Arts, History, or Humanities

Chosen courses must have two different prefixes (e.g. ART, ENGL, etc.).

Item #	Title	Credits
	2025 General Education - Fine Arts, Humanities, and Ethics (for Baccalaureate Degrees)	**6**

Fine Arts, Humanities, and Ethics

Choose **two** of the following (must have different prefixes, e.g. ART and GEOG):

ART-100	Art Appreciation	3
ART-381	Survey of Art History I	3
ART-382	Surv Art Hist II	3
BUSN-250	Social & Ethical Environment of Business	3
ENGL-240	Literary Forms	3
ENGL-250	Literary History and Culture	3
ENGL-350	Narrative, Healing and the Body	3
GEOG-350	Geography of Religion	3
MCOM-410	Media Law and Ethics	3
MUSC-100	Music Appreciation	3
MUSC-468	Survey of World Music	3
PHIL-100	The Meaning of Life	3
PHIL-200	Introduction to Philosophy	3
PHIL-210	Logic and Critical Thinking	3
PHIL-330	Ethics	3
PHIL-430	Medical Ethics	3
REL-210	Surv Old Testament	3
REL-220	Surv New Testament	3
REL-310	Comparative Religions	3
REL-315	Comparative Christianity	3
THEA-100	Intro to Theatre	3
THEA-340	Survey of Dramatic Literature	3

IV. Behavioral/Social Sciences

Item #	Title	Credits
	2025 General Education - Behavioral/Social Sciences (for Baccalaureate degree)	**3**
BUSN-380	Personal Finance	3
CRIM-105	Introduction to Criminal Justice	3
ECON-212	Principles of Microeconomics	3
ECON-213	Principles of Macroeconomics	3
GEOG-100	Introduction to Geography	3
GEOG-110	World Regional Geography	3
GEOG-211	Intro to Human Geography	3
GEOG-300	Environmental Geography	3
MCOM-270	Social Media Ethics and Culture	3
POLS-100	American Government: National	3
POLS-240	Intro to Political Ideas	3
POLS-250	Introduction to International Relations	3
PSYC-100	Introduction to Psychology	3
PSYC-221	Child and Adolescent Development	3
PSYC-222	Adult Development	3
SOCI-100	Introduction to Sociology	3

V. History

Choose any two history courses from the list below.

Item #	Title	Credits
	2025 General Education - History	**6**
HIST-121	World History to 1500	3
HIST-122	World Hist Since 1500	3
HIST-131	American History to 1877	3
HIST-132	American Hist Since 1877	3

VI. Mathematics

(*see* **Mathematics Placement**)

Item #	Title	Credits
	2025 General Education - Mathematics (for Baccalaureate degree)	**3**
MATH-110	Reasoning and Problem Solving	3
MATH-115	College Algebra	3
MATH-120	Trigonometry	3
MATH-150	Calculus I	4

VII. Natural Sciences/Physical Sciences

Requirements differ based upon degree type. BS students must complete 8 credit hours of natural/physical sciences; BA and BBA students must complete 4 credit hours.

Item #	Title	Credits
	2025 General Education - Natural/Physical Sciences - Bachelor of Science	**8**

A. Life Sciences

Choose from the following courses (also take the corresponding lab):

BIOL-100	Introduction to Biology	3
BIOL-100L	Introduction to Biology Lab	1
BIOL-111	General Biology I	3
BIOL-111L	General Biology I Lab	1
BIOL-112	General Biology II	3
BIOL-112L	General Biology II Lab	1
BIOL-230	Microbiology	3
BIOL-230L	Microbiology Lab	1
BIOL-261	Human Anatomy and Physiology I	3
BIOL-261L	Human Anatomy and Physiology I Lab	1
BIOL-262	Human Anatomy and Physiology II	3
BIOL-262L	Human Anatomy and Physiology II Lab	1
CBIO-230	Forests of Appalachia	4
ENVS-100	Introduction to Environmental Science	4

B. Physical Sciences

Choose from the following courses (also take the corresponding lab):

CHEM-100	Introduction to Chemistry	3
CHEM-100L	Introduction to Chemistry Lab	1
CHEM-111	General Chemistry I	3
CHEM-111L	General Chemistry I Lab	1
CHEM-112	General Chemistry II	3
CHEM-112L	General Chemistry II Lab	1
GEOG-120	Int Phy Geog: Planet Earth	3
GEOG-120L	Int Phy Geog: Planet Earth Lab	1
PHYS-100	Introduction to Physics	3
PHYS-100L	Intro to Physics Lab	1
PHYS-211	General Physics I	3
PHYS-211L	General Physics I Lab	1
PHYS-212	General Physics II	3
PHYS-212L	General Physics II Lab	1
PHYS-251	University Physics I	4
PHYS-251L	University Physics I Lab	1
PHYS-252	University Physics II	4
PHYS-252L	University Physics II Lab	1
	2025 General Education - Natural/Physical Sciences - BA/BBA Degrees	**4**

A. Life Sciences

Choose **one** of the following courses and the corresponding lab:

4 credit hours

BIOL-100	Introduction to Biology	3
BIOL-100L	Introduction to Biology Lab	1
BIOL-111	General Biology I	3
BIOL-111L	General Biology I Lab	1
BIOL-112	General Biology II	3
BIOL-112L	General Biology II Lab	1
BIOL-230	Microbiology	3
BIOL-230L	Microbiology Lab	1
BIOL-261	Human Anatomy and Physiology I	3
BIOL-261L	Human Anatomy and Physiology I Lab	1
BIOL-262	Human Anatomy and Physiology II	3
BIOL-262L	Human Anatomy and Physiology II Lab	1
CBIO-230	Forests of Appalachia	4
ENVS-100	Introduction to Environmental Science	4

B. Physical Sciences

Choose **one** of the following:

4 credit hours

CHEM-100	Introduction to Chemistry	3
CHEM-100L	Introduction to Chemistry Lab	1
CHEM-111	General Chemistry I	3
CHEM-111L	General Chemistry I Lab	1
CHEM-112	General Chemistry II	3
CHEM-112L	General Chemistry II Lab	1
GEOG-120	Int Phy Geog: Planet Earth	3
GEOG-120L	Int Phy Geog: Planet Earth Lab	1
PHYS-100	Introduction to Physics	3
PHYS-100L	Intro to Physics Lab	1
PHYS-211	General Physics I	3
PHYS-211L	General Physics I Lab	1
PHYS-212	General Physics II	3
PHYS-212L	General Physics II Lab	1
PHYS-251	University Physics I	4
PHYS-251L	University Physics I Lab	1
PHYS-252	University Physics II	4
PHYS-252L	University Physics II Lab	1

***LMU requires all first-time freshmen students with fewer than 15 credits of college credit to complete UACT 100.**

English Placement

ENGL 099 Basic Reading and Composition

Any student with an English ACT of 17 (or less) or SAT verbal or writing exam score of 460 (or less) must pass ENGL 099 before enrolling in ENGL 101.

ENGL 101 Composition I

- Students who have successfully completed ENGL 099 with a grade of "C-" or higher may enroll in ENGL 101.
- Students scoring between 18 and 25 on the ACT English exam may enroll in ENGL 101.
- Students scoring between 470 and 660 on the SAT verbal or writing exam may enroll in ENGL 101.

ENGL 102 Composition II

- Students who have successfully completed ENGL 101 with a grade of "C-" or higher may enroll in ENGL 102.
- Students who have successfully completed one (1) dual enrollment composition course with a grade of "C-" or higher may enroll in ENGL 102.
- Students scoring 26 or higher on the ACT English exam may enroll in ENGL 102.
- Students scoring 4 or higher on the AP English Language and Composition exam may enroll in ENGL 102.
- Students scoring 670 or higher on the SAT verbal or written exam may enroll in ENGL 102.

ENGL 240 Literary Forms; ENGL 250 Literary History and Culture

- Students who have successfully completed ENGL 102 with a grade of "C-" or higher may enroll in ENGL 240 or 250.
- Students who have successfully completed two (2) dual enrollment composition courses with a grade of "C-" or higher may enroll in ENGL 240 or 250.
- Students scoring 4 or higher on the AP English Literature and Composition exam may enroll in ENGL 240 or 250.

Foreign Language Requirement (for Bachelor of Arts (BA) Degree)

Six (6) hours of LMU credit in Spanish or appropriate AP score on Foreign Language test (see table at Special Credit by Exam) or six (6) hours of dual credit with a minimum grade of C, or a CLEP score of at least 50 on the Spanish World Language exam (valued at 6 hours of credit) or acceptance in transfer of six hours of college credit in a language taught by an accredited college or university.

Mathematics Placement

Any student with a *Math* ACT of less than 19 or SAT of less than 510 must pass MATH 099 before continuing in MA TH 105.

Student with a *Math* score of at least	May enroll in MATH
ACT 19 or SAT 510	105 (or below)
ACT 21 or SAT 530	115, 110, or below
ACT 23 or SAT 560	120 or below
ACT 26 or SAT 610	150* or below

*Any student with an AP Calculus AB score of 4 or higher or an AP Calculus BC score of 3 may receive credit for MATH 150. An AP Calculus BC score of 4 or higher may receive credit for MATH 150 and MATH 250.

Total Credits	35-39

Pre-Professional Curricula

Students interested in pursuing a career in the following professions may take courses listed or complete a degree program in preparation for application toward the professional degree. The pre-professional curricula listed below is not offered as an undergraduate degree, and completion does not guarantee later admission to a professional school. Because each university's admission requirements vary, it is important that the student choose, contact, and identify early the curricula requirements of his/her chosen school's program. Please contact the listed advisor for additional information and guidance.

Pre-Dentistry Curriculum

Advisor: Dr. Julie Hall

Information applicable to admission to dental school mirrors the requirements and recommendations for admission to medical school. One exception to these requirements is that the student takes the Dental Admission Test (DAT), a standardized test administered and graded by the Division of Education Measurements of the American Dental Association. Although a BS is not required for entry into dental schools, it is highly recommended. Students should refer to their dental schools of interest for specific course requirements. Please contact the advisor for guidance and more detailed information.

Minimal course requirements for entrance:

Biology with lab	8 Cr. Hours
General Chemistry with lab	8 Cr. Hours
Organic Chemistry with lab	8 Cr. Hours
Physics with lab	8 Cr. Hours
English	8 Cr. Hours

Pre-Law Curriculum

Advisor: Dr. Benjamin Mabry

The admissions process at accredited law schools in the United States is highly competitive, and undergraduate academic work is vitally important to the applicant's success. Law schools do not require an undergraduate major in a specific academic discipline. Students who plan to study law often choose a major program in History, English, Political Science, Philosophy, Criminal Justice or Business. Those with a natural science major are quite competitive. Coursework that builds a broad intellectual foundation and refines skills in the areas of critical reading, oral and written communication, and logical reasoning will provide the best preparation for the Law School Admissions Test (LSAT) and for long-term success. The following recommendations are intended as electives, to be taken in addition to the requirements of a student's major. Students should consult with their academic advisors and/or the Pre-Law Advisor (above) to determine the most effective way to schedule these courses.

Introductory Courses
CRIM 105 – Intro to Criminal Justice
CRIM 220 – Intro to Courts
PHIL 210 – Critical Thinking
POLS 100 – American National Government
POLS 240 – Introduction to Political Ideas
UACT 295 – Pre-Law Seminar

Law-Area Courses
BUSN 410 – Contract Law
BUSN 440 – Legal Issues in Business
CRIM 210 – Criminal Law
HIST 424 – Early Western Legal Tradition
HIST 434 – History of the U.S. Constitution
MCOM 410 – Media Law and Ethics
MGMT 414 – Negotiations in Organizations
POLS 324 – Law and the Judicial System
POLS 331 – Constitutional Law

Other relevant courses (Students could also consider other upper-level courses):
CBIO 370 – Land Use and Environmental Policy
CRIM 330 – Drugs and Society
CRIM 405 – Police Administration
ECON 470 – History of American Economic Thought
ENGL 311 – Survey of British Literature I
ENGL 312 – Survey of British Literature II
ENGL 321 – Survey of American Literature I
ENGL 322 – Survey of American Literature II
HIST 340 – Medieval History
HIST 344 – British History to 1688
HIST 345 – British History Since 1688
HIST 346 – Ancient Greece

HIST 360 – Ancient Rome
PHIL 200 – Introduction to Philosophy
PHIL 311 – History of Philosophy I
PHIL 312 – History of Philosophy II
PHIL 330 – Ethics
PHIL 430 – Medical Ethics
POLS 212 – State and Local Government
POLS 250 – Introduction to International Relations
POLS 332 – Introduction to Public Policy
POLS 441 – Liberal Democracy and its Critics
THEA 330 – Acting for the Camera

Pre-Medicine Curriculum

Advisor: Dr. Julie Hall

This curriculum is appropriate for students interested in medical school and physician assistant (PA) programs. The course recommendations will prepare them with foundational knowledge needed for first year classes in these programs. Medical schools require the MCAT and most PA programs require the GRE for entrance. Both programs require shadowing hours. PA also has a requirement of patient touch hours. Students should meet with the advisor to discuss specific requirements for their chosen school and program, and for information related to the MCAT or GRE test.

Recommended Curriculum:
BIOL 194 Pre-health Careers Seminar I: 1 Credit Hour
BIOL 294 Pre-heath Careers Seminar II: 1 Credit Hour
BIOL 310 Comparative Vertebrate Anatomy: 4 Credit Hours
BIOL 315 Molecular Genetics: 4 Credit Hours
BIOL 334 General Histology: 2 Credit Hours
BIOL 336 General Microbiology: 4 Credit Hours
BIOL 360 Immunology: 3 Credit Hours
BIOL 365 General Physiology: 4 Credit Hours
BIOL 387 Junior Pre-med Science Seminar: 1 Credit Hour
BIOL441, 442 Biochemistry I, II: 8 Credit Hours
BIOL 450 Molecular Cell Biology: 4 Credit Hours
BIOL 380 Research Design & Analysis: 3 Credit Hours
BIOL 487 Senior Pre-med Science Seminar: 1 Credit Hour
AHSC 300 Medical Terminology: 3 Credit Hours
CHEM 111, 112 General Chemistry I, II: 8 Credit Hours
CHEM 221, 222 Organic Chemistry I, II: 8 Credit Hours
COMM 200 Fundamentals of Speech Communication: 3 Credit Hours
ENGL 101 Composition I: 3 Credit Hours
ENGL 102 Composition II: 3 Credit Hours
MATH 120 Trigonometry: 3 Credit Hours
MATH 270 Probability and Statistics: 3 Credit Hours
PHYS 211, 212, General Physics I, II: 8 Credit Hours
PHIL 430 Medical Ethics: 3 Credit Hours
PSYC 100 Introduction to Psychology: 3 Credit Hours
PSYC 300-level Upper-level Psychology course: 3 Credit Hours
SOCI 100 Introduction to Sociology: 3 Credit Hours

Total: 86 Credit Hours

Minimal course requirements for entrance into a medical program*
Biology with lab: 8 Credit Hours
Inorganic Chemistry with lab: 8 Credit Hours
Organic Chemistry with lab: 8 Credit Hours
Physics with lab: 8 Credit Hours
College English: 6 Credit Hours

Minimal course requirements for entrance into a PA program*
Biology with lab: 8 Credit Hours
Anatomy with lab: 4 Credit Hours
Microbiology with lab: 4 Credit Hours
Physiology with lab: 4 Credit Hours
Inorganic Chemistry with lab: 8 Credit Hours
Organic Chemistry with lab: 8 Credit Hours
Medical Terminology: 3 Credit Hours
Statistics + Math: 6 Credit Hours
General Psychology: 3 Credit Hours
Psychology elective: 3 Credit Hours
College English: 6 Credit Hours

*General minimal requirements. Always look at specific schools to see requirements for their programs

Pre-Medical Curriculum (Psychology)

Advisor: Dr. Lee Gilroy

Students interested in the pre-medical track in psychology will complete the requirements detailed in the Psychology (BS) General Track, along with specific course sequences of Biology, Chemistry, and Physics (see Psychology Pre-med Four-Year plan). Eligible students should discuss this concentration with their academic advisor to determine specific academic and curricular needs and requirements.

Recommended Curriculum:
PSYC 100 Introduction to Psychology: 3 Credit Hours
PSYC 221 Child & Adolescent Development: 3 Credit Hours
PSYC 255 Introduction to Social Psychology: 3 Credit Hours
PSYC 280 Statistical Methods for the Social Sciences: 3 Credit Hours
PSYC 314 History and Systems of Psychology: 3 Credit Hours
PSYC 315 Theories of Personality: 3 Credit Hours
PSYC 340 Abnormal Psychology: 3 Credit Hours
PSYC 380 Research in Psychology: 3 Credit Hours
PSYC 394 Cognitive Psychology: 3 Credit Hours
PSYC 450 Health Psychology: 3 Credit Hours
PSYC 470 Psychological Tests and Measurements: 3 Credit Hours
PSYC 475 Neuropsychology: 3 Credit Hours
PSYC 480 Experimental Psychology: 3 Credit Hours

Psych Courses Total: 39 Credit Hours

Pre-Veterinary Medicine Curriculum

Advisor: Dr. Amanda Rainey

Competition for freshman class spaces in veterinary school is keen, and students should expect to achieve above a 3.5 GPA. Many successful applicants have completed the Bachelor's Degree. Because course requirements differ with individual veterinary schools, students should familiarize themselves with entrance requirements for the schools to which they will apply. Most universities require the applicant to take the Graduate Record Exam (GRE). Information regarding the GRE can be obtained from your pre-veterinary medicine advisor. Most colleges of veterinary medicine utilize the services of the Association of American Veterinary Medical Colleges (AAVMC) during the application process. Students should visit the AAVMC website at aavmc.org for more information regarding application to veterinary school. Coursework typically includes the following: English, three semesters; mathematics, two semesters; chemistry, four semesters; biology, four semesters; physics, two semesters; fine arts, one semester; humanities, three semesters; and social science, two semesters. It is important to have experience working with veterinarians and with animals. Students are encouraged to incorporate the pre-veterinary curriculum into an academic program leading to a career alternative such as veterinary health science, biology, or chemistry.

Recommended Curriculum:
English: 6 Credit Hours
Humanities and Social Sciences: 18 Credit Hours
Physics: 8 Credit Hours
General Chemistry: 8 Credit Hours
Organic Chemistry: 8 Credit Hours
Biochemistry: 4 Credit Hours
General Biology: 8 Credit Hours
Genetics: 3-4 Credit Hours
Cellular Biology or Microbiology: 3-4 Credit Hours
Mathematics / Calculus: 5-6 Credit Hours

Total: 71-74 Credit Hours

Pre-Pharmacy Curriculum

Advisor: Dr. Thomas Shell

Note: Students should meet with the advisor for additional guidance and application information for the PCAT exam.

Recommended Curriculum:
College Mathematics: 6 Credit Hours
College Physics*: 8 Credit Hours
College Statistics: 3 Credit Hours
English Composition: 3 Credit Hours
General Biology*: 8 Credit Hours
Integrated Vertebrate Anatomy & Physiology I, II: 8 Credit Hours
General Microbiology: 4 Credit Hours
Humanities: 3 Credit Hours
Organic Chemistry*: 8 Credit Hours
Public Speaking/Performance: 6 Credit Hours
Electives: 10 Credit Hours
Total: 67 Credit Hours

*These courses will include a laboratory.

Pre-Physical Therapy Curriculum

Advisor: Dr. Asher Flynn

Students interested in applying for admission to physical therapy school may major in any undergraduate field they wish. However, there are required courses for the pre-physical therapy student to consider taking as part of their chosen degree plan. Requirements for admission to physical therapy schools vary from institution to institution. With few exceptions students are required to have a baccalaureate degree in order to apply to physical therapy school. In addition, the GRE is required by most institutions for admission. Schools may require, in addition to the basic sciences listed below, upper division courses in Histology, Endocrinology, Genetics, Microbiology, Parasitology, Molecular Biology, Neuroscience, Cell Biology, Cell Physiology and Embryology; other upper-level courses, such as Calculus, Organic Chemistry and Biochemistry may also be required. In order to provide students with the best opportunity for admission, it is strongly suggested that students consider career related courses such as Biomechanics, Kinesiology, Exercise Physiology, Pharmacology and Pathophysiology whenever possible. Every student is advised to consult the program(s) to which he/she plans to apply, in order to meet all admissions criteria.

Recommended Curriculum:
BIOL 111,112 General Biology I, II: 8 Credit Hours
BIOL 311, 312 Integrated Vert. A&P I, II: 8 Credit Hours
CHEM 111,112 General Chemistry I, II: 8 Credit Hours
PHYS 211,212 General Physics I, II: 8 Credit Hours
COMM 200 Fundamentals of Speech Communication: 3 Credit Hours
English: 6-9 Credit Hours
Fine Arts Elective (ART/COMM/MUSC 100): 3 Credit Hours
HIST 121, 122 (World History): 6 Credit Hours
LNCN 100 Lincoln's Life and Legacy: 1 Credit Hours
CIVX 300 American Citizenship and Civic Life: 2 Credit Hours
MATH 270 Probability and Statistics: 3 Credit Hours

Select one of the following (3 Credit Hours):
PSYC 100; PSYC 221; PSYC 222; SOCI 100; SOCI 330

Select one of the following (3 Credit Hours):
GEOG 350; PHIL 100; PHIL 200; PHIL 330; PHIL 430; REL 210; REL 220; REL 310; REL 315

Social Science elective: 3 Credit Hours
Technology Requirement: 2 Credit Hours

Total: 67-68 Credit Hours

Pre-Art Therapy Curriculum

Advisor: Dr. Michael Giles

Students interested in applying for admissions to an Art Therapy master's program may major in any field. Many prospective Art Therapy students major in Art or Psychology during their undergraduate studies. A strong portfolio of completed artworks and a thorough grounding in visual art is essential to successful admissions at most art therapy programs. There are several core competencies and classes that students will need to consider when planning their degree path. The following curriculum will prepare the student for admission to the program of their choice and ground them in the basic requirements in Visual Art and Psychology. In addition to the requirements of their baccalaureate degree and the completion of the courses stipulated, the student will need to work with their major advisor and the Pre-Art Therapy advisor to be sure that they meet all the requirements for the program of their choice. This may include additional classes to those specified below and the completion of the Graduate Record Examination (GRE).

Recommended Curriculum:
Art Studio Requirements:
ART 105 Design 1: 2D (3 Credit Hours) or ART 205 Design 2: 3D (3 Credit Hours)
ART 110 Drawing 1: 3 Credit Hours
ART 210 Drawing 2: 3 Credit Hours
ART 220 Painting 1: 3 Credit Hours
ART 140 Ceramics 1: 3 Credit Hours
ART 320 Painting 2 (3 Credit Hours) or ART 243 Ceramics 2 (3 Credit Hours)
Art Studio Total: 18 Credit Hours

Psychology Requirements:
PSYC 100 Introduction to Psychology: 3 Credit Hours
PSYC 221 Child & Adolescent Development: 3 Credit Hours
PSYC 222 Adult Development: 3 Credit Hours
PSYC 340 Abnormal Psychology: 3 Credit Hours
PSYC 450 Health Psychology: 3 Credit Hours
Psychology Total: 15 Credit Hours

Total Credits	0

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Degrees and Certificates

College of Veterinary Medicine

The Veterinary Health Science & Technology Department offers programs to students that wish to enter the veterinary profession upon graduation. The mission of the department is three fold:

1. Provide quality education to prepare entry level veterinary technicians in patient assessment, evaluation, client communication, and clinical nursing skill development in preparation for and passing the VTNE licensing exam and obtaining entry level positions as veterinary technicians.
2. Provide veterinary technologists with advanced technician courses that will
    1. enhance the associate level educational foundation to foster quality clinical skill development
    2. provide an advanced level of education to obtain positions in veterinary technology education, business management, and industry positions that require a bachelor's degree to apply
    3. benefit those that desire to pursue specialization as a credential technician
3. Provide a quality education for those that wish to apply to veterinary college, advance studies at the graduate level, and/or prepare graduates to work in the industry of veterinary medicine.

Note: For all courses offered by the VHS&T Department, travel may be required to off-campus area/regions, facilities, and farms. Transportation and expenses incurred for travel are the responsibility of the student.

Note: To satisfy program requirements, students must achieve a minimum grade of C- or better in all required courses. Failure to meet this standard may result in the need to repeat the course to ensure progression within the program. This applies to Veterinary Health Science Program, Veterinary Health Science Early Acceptance Pathway, Veterinary Health Industry Program, Veterinary Medical Technology BS Program, and Veterinary Health Science Minor. Please see Associate of Science Veterinary Medical Technology for AS specific progression policies.

Veterinary Health Industry

Program Director: Jay Miles, DVM, MVEd

The BS in VHI is designed to prepare graduates to apply to graduate programs, as well as to gain employment in related fields, including pharmaceutical sales, animal health management, government agencies, and national organizations, in addition to applying to graduate school in fields of business administration, marketing, finance, as well as public health.

Veterinary Health Industry Program Goals:

As a division of the Veterinary Health Science & Technology Department, the VHI Program seeks to fulfill the following goals:

- Provide a Bachelor of Science degree in Veterinary Health Industry which meets the academic standards necessary for students to earn a minor in business and prepare them for animal and veterinary related industry positions.
- Provide an educational background that will expose students to key concepts of veterinary health science and overall strive to provide students with a foundational education in science, veterinary health science, as well as appropriate business courses to ensure success in their future career endeavors, whether that be in sales or management positions.
- Provide students with appropriate academic advisement and aid students in obtaining connections with animal or veterinary related industry contacts for internship and future employment opportunities.

Veterinary Health Industry Program Objectives:

1. Demonstrate basic knowledge and understanding of biological and chemical sciences and apply this competency to subject areas in veterinary health science such as anatomy, physiology, and nutrition.
2. Demonstrate basic knowledge and understanding of veterinary health science courses.

3. Demonstrate basic knowledge and understanding of applicable and important concepts in business and marketing.
4. Understand the impact of the human animal bond (HAB) on society and how this relates to animal or veterinary related industry positions.
5. Acquire skills for safe and humane handling and care of companion and livestock species as well as an understanding of the principles of animal welfare and ethical treatment of animals.
6. Develop oral and written communication skills to effectively deliver scientific and business information to the general public.

BS in Veterinary Health Industry

Field of Study
Bachelor of Science

General Education

I. LMU Specific Courses

Item #	Title	Credits
UACT-100	Strategies for College Success	1
LNCN-100	Lincoln's Life and Legacy	1
CIVX-300	American Civics	2

II. Communication

Item #	Title	Credits
ENGL-101	Composition I	3
ENGL-102	Composition II	3
COMM-200	Fundamentals of Speech Communication	3

III. Ethics, Fine Arts, History, or Humanities

Item #	Title	Credits
	General Education - Ethics, Fine Arts, Humanities	
ENGL-240	Literary Forms	3
ENGL-250	Literary History and Culture	3
ENGL-350	Narrative, Healing and the Body	3
ART-100	Art Appreciation	3
ART-381	Survey of Art History I	3
ART-382	Surv Art Hist II	3
MUSC-100	Music Appreciation	3
MUSC-468	Survey of World Music	3
MCOM-410	Media Law and Ethics	3
REL-310	Comparative Religions	3
REL-315	Comparative Christianity	3
PHIL-200	Introduction to Philosophy	3
PHIL-330	Ethics	3
PHIL-430	Medical Ethics	3
REL-210	Surv Old Testament	3
REL-220	Surv New Testament	3
THEA-100	Intro to Theatre	3
THEA-340	Survey of Dramatic Literature	3
BUSN-250	Social & Ethical Environment of Business	3
GEOG-350	Geography of Religion	3
PHIL-100	The Meaning of Life	3

Students must take two courses, of different prefixes from the list provided.

IV. Behavioral/Social Sciences

Item #	Title	Credits
	2025 General Education - Behavioral/Social Sciences (for Baccalaureate degree)	**3**
BUSN-380	Personal Finance	3
CRIM-105	Introduction to Criminal Justice	3
ECON-212	Principles of Microeconomics	3
ECON-213	Principles of Macroeconomics	3
GEOG-100	Introduction to Geography	3
GEOG-110	World Regional Geography	3
GEOG-211	Intro to Human Geography	3
GEOG-300	Environmental Geography	3
MCOM-270	Social Media Ethics and Culture	3
POLS-100	American Government: National	3
POLS-240	Intro to Political Ideas	3
POLS-250	Introduction to International Relations	3
PSYC-100	Introduction to Psychology	3
PSYC-221	Child and Adolescent Development	3
PSYC-222	Adult Development	3
SOCI-100	Introduction to Sociology	3

V. History

Item #	Title	Credits
HIST-121	World History to 1500	3
HIST-122	World Hist Since 1500	3
HIST-131	American History to 1877	3
HIST-132	American Hist Since 1877	3

Choose two courses (6 credit hours) from list, does not need to be sequential.

VI. Mathematics

(*see* **Mathematics Placement**)

Item #	Title	Credits
	2025 General Education - Mathematics (for Baccalaureate degree)	**3**
MATH-110	Reasoning and Problem Solving	3
MATH-115	College Algebra	3
MATH-120	Trigonometry	3
MATH-150	Calculus I	4

VII. Natural Sciences/Physical Sciences

Item #	Title	Credits
	2025 General Education - Natural/Physical Sciences - Bachelor of Science	**8**

A. Life Sciences

Choose from the following courses (also take the corresponding lab):

BIOL-100	Introduction to Biology	3
BIOL-100L	Introduction to Biology Lab	1
BIOL-111	General Biology I	3
BIOL-111L	General Biology I Lab	1
BIOL-112	General Biology II	3
BIOL-112L	General Biology II Lab	1
BIOL-230	Microbiology	3
BIOL-230L	Microbiology Lab	1
BIOL-261	Human Anatomy and Physiology I	3
BIOL-261L	Human Anatomy and Physiology I Lab	1
BIOL-262	Human Anatomy and Physiology II	3
BIOL-262L	Human Anatomy and Physiology II Lab	1
CBIO-230	Forests of Appalachia	4
ENVS-100	Introduction to Environmental Science	4

B. Physical Sciences

Choose from the following courses (also take the corresponding lab):

CHEM-100	Introduction to Chemistry	3
CHEM-100L	Introduction to Chemistry Lab	1
CHEM-111	General Chemistry I	3
CHEM-111L	General Chemistry I Lab	1
CHEM-112	General Chemistry II	3
CHEM-112L	General Chemistry II Lab	1
GEOG-120	Int Phy Geog: Planet Earth	3
GEOG-120L	Int Phy Geog: Planet Earth Lab	1
PHYS-100	Introduction to Physics	3
PHYS-100L	Intro to Physics Lab	1
PHYS-211	General Physics I	3
PHYS-211L	General Physics I Lab	1
PHYS-212	General Physics II	3
PHYS-212L	General Physics II Lab	1
PHYS-251	University Physics I	4
PHYS-251L	University Physics I Lab	1
PHYS-252	University Physics II	4
PHYS-252L	University Physics II Lab	1

***LMU requires all first-time freshmen students with less than 15 credits of college credit to complete UACT 100.**

VHI Core Courses

***If the course has a corequisite laboratory course, the laboratory course MUST be taken*

Item #	Title	Credits
VHS-101	Intro to Veterinary Medicine	1
VHS-211	Animal Anat & Phys I	3
VHS-211L	Animal Anat/Phys I Lab	1
VHS-212	Animal Anat & Phys II	3
VHS-212L	Anim Anat & Phys II Lab	1
VHS-230	Rual & Comp Anim Handle & Husb	3
VHS-230L	Rural/Comp Anim Hand/Husb Lab	1
VHS-300	Vet Parasitology & Entomology	3
VHS-300L	Vet Parasit/Entomolgy Lab	1
VHS-320	Junior VHS Science Seminar	3
VHS-370	Animal Nutrition	3
VHS-400	Zoonotic Diseases Vet/Pub Hlth	3
VHS-497	Veterinary Senior Seminar	3

VHI Elective Courses (Select a minimum of 18 hours)

Item #	Title	Credits
VHS-310	Wildlife Diseases	3
VHS-330	One Health	3
VHS-360	Advanced Animal Anatomy	3
VHS-360L	Advanced Animal Anatomy Lab	1
VHS-380	Animal Repro Anat & Physiology	3
VHS-380L	Animal Repro Anat & Phys Lab	1
VHS-390	Human Animal Bond	3
VHS-410	Equine Management	3
VHS-450	Livestock Health and Management	3
VHS-480	Companion Animal Mgmt	3

Up to 4 hours of 300 or 400 BIOL may be used to satisfy VHS elective requirements with approval of Department Chair

General Business Minor

Item #	Title	Credits
ACCT-210	Financial Accounting	3
ECON-212	Principles of Microeconomics	3
ECON-213	Principles of Macroeconomics	3
FIN-360	Corporate Finance	3
MGMT-300	Principles of Management	3
MKTG-300	Principles of Marketing	3

Required Collateral Math and Science Courses

Item #	Title	Credits
BIOL-111	General Biology I	3
BIOL-111L	General Biology I Lab	1
BIOL-112	General Biology II	3
BIOL-112L	General Biology II Lab	1
CHEM-111	General Chemistry I	3
CHEM-111L	General Chemistry I Lab	1
CHEM-112	General Chemistry II	3
CHEM-112L	General Chemistry II Lab	1
	MATH 270 or BUSN 270	**3**
MATH-270	Probability, Statistics	3
BUSN-270	Business Statistics	3
	Total Credits	123

Veterinary Health Science

Veterinary Health Science (BS)

Program Director: Jay Miles, DVM, MVEd

The BS in VHS is designed to prepare graduates to apply to select AVMA accredited veterinary colleges, graduate programs, as well as to gain employment in related fields, including pharmaceutical sales, animal health management, government agencies, national organization, and education, in addition to applying to graduate school in fields of animal science, public health or other biological sciences.

Veterinary Health Science – LMU-CVM Early Acceptance Pathway

The EAP Program in VHS is designed to prepare students for early entry into LMU-CVM. Enrollment is restricted to those applicants accepted into the LMU-CVM EAP.

Students accepted into the VHS – LMU-CVM Early Acceptance Pathway must meet academic requirements in order to remain in the EAP.

- Maintain a minimum cumulative GPA of 3.35 or higher (3.35 in science & major courses)
- Complete the CASPer exam
- Complete 400 hours (or more) in veterinary experience or animal research
- Complete the Veterinary Medical College Application System (VMCAS) application for the admissions cycle that is applicable to the student's desired start date in LMU-CVM

Veterinary Health Science Program Goals:

As a division of the Veterinary Health Science & Technology Department, the VHS Program seeks to fulfill the following goals:

- Provide an Associate of Science and a Bachelor of Science degree in Veterinary Health Science which meets academic standards necessary for entrance into veterinary college or other graduate degree programs.
- Provide an educational background that enables graduates to become integral members of scientific or veterinary healthcare teams.
- Provide students with academic advisement and knowledge regarding entrance requirements of nationally accredited veterinary colleges

Veterinary Health Science Program Objectives:

1. Demonstrate knowledge and understanding of biology, chemistry, and physics as requirements for entrance into veterinary school.
2. Demonstrate knowledge and understanding of basic veterinary sciences.
3. Demonstrate knowledge and understanding of veterinary medicine and the global impact veterinary medicine has on our world today.
4. Understand the human animal bond (HAB) and its impact on society.
5. Understand relationship between veterinarians, licensed veterinary technicians and technologists, veterinary assistants, and other members of the veterinary health care team.
6. Recognize the importance of each individual in the veterinary health care team and understand the process required to grow positive relationships with all members of the veterinary health care team (Interdisciplinary approach).

BS in Veterinary Health Science

Field of Study
Bachelor of Science

General Education

I. LMU Specific Courses

Item #	Title	Credits
	2025 General Education - LMU Specific Courses	**4**
UACT-100	Strategies for College Success	1
LNCN-100	Lincoln's Life and Legacy	1
CIVX-300	American Civics	2

***LMU requires all first-time freshmen students with less than 15 credits of college credit to complete UACT 100.**

II. Communication

Item #	Title	Credits
ENGL-101	Composition I	3
ENGL-102	Composition II	3
COMM-200	Fundamentals of Speech Communication	3

III. Ethics, Fine Arts, History, or Humanities

Item #	Title	Credits
	General Education - Ethics, Fine Arts, Humanities	
ENGL-240	Literary Forms	3
ENGL-250	Literary History and Culture	3
ENGL-350	Narrative, Healing and the Body	3
ART-100	Art Appreciation	3
ART-381	Survey of Art History I	3
ART-382	Surv Art Hist II	3
MUSC-100	Music Appreciation	3
MUSC-468	Survey of World Music	3
MCOM-410	Media Law and Ethics	3
REL-310	Comparative Religions	3
REL-315	Comparative Christianity	3
PHIL-200	Introduction to Philosophy	3
PHIL-330	Ethics	3
PHIL-430	Medical Ethics	3
REL-210	Surv Old Testament	3
REL-220	Surv New Testament	3
THEA-100	Intro to Theatre	3
THEA-340	Survey of Dramatic Literature	3
BUSN-250	Social & Ethical Environment of Business	3
GEOG-350	Geography of Religion	3
PHIL-100	The Meaning of Life	3

Students must take two courses, of different prefixes from the list provided.

IV. Behavioral/Social Sciences

Item #	Title	Credits
	General Education - Behavorial/Social Science	
Complete one of the following course: BSCI-100, CRIM-105, ECON-211, ECON-212, GEOG-100, GEOG-110, GEOG-211, GEOG-300, POLS-211, POLS-240, POLS-250, PSYC-100, PSYC-221, PSYC-222, SOCI-100, or SOCI-330.		
POLS-250	Introduction to International Relations	3
PSYC-100	Introduction to Psychology	3
PSYC-221	Child and Adolescent Development	3
PSYC-222	Adult Development	3
SOCI-100	Introduction to Sociology	3
SOCI-330	Cultural Diversity	3
GEOG-100	Introduction to Geography	3
GEOG-110	World Regional Geography	3
GEOG-211	Intro to Human Geography	3
GEOG-300	Environmental Geography	3
POLS-240	Intro to Political Ideas	3
CRIM-105	Introduction to Criminal Justice	3
ECON-212	Principles of Microeconomics	3

V. History

Item #	Title	Credits
HIST-121	World History to 1500	3
HIST-122	World Hist Since 1500	3
HIST-131	American History to 1877	3
HIST-132	American Hist Since 1877	3

Choose two courses (6 credit hours) from list, does not need to be sequential.

VI. Mathematics

(*see* **Mathematics Placement**)

Item #	Title	Credits
	2025 General Education - Mathematics (for Baccalaureate degree)	**3**
MATH-110	Reasoning and Problem Solving	3
MATH-115	College Algebra	3
MATH-120	Trigonometry	3
MATH-150	Calculus I	4

VII. Natural Sciences/Physical Sciences

Item #	Title	Credits
	2025 General Education - Natural/Physical Sciences - Bachelor of Science	**8**

A. Life Sciences

Choose from the following courses (also take the corresponding lab):

BIOL-100	Introduction to Biology	3
BIOL-100L	Introduction to Biology Lab	1
BIOL-111	General Biology I	3
BIOL-111L	General Biology I Lab	1
BIOL-112	General Biology II	3
BIOL-112L	General Biology II Lab	1
BIOL-230	Microbiology	3
BIOL-230L	Microbiology Lab	1
BIOL-261	Human Anatomy and Physiology I	3
BIOL-261L	Human Anatomy and Physiology I Lab	1
BIOL-262	Human Anatomy and Physiology II	3
BIOL-262L	Human Anatomy and Physiology II Lab	1
CBIO-230	Forests of Appalachia	4
ENVS-100	Introduction to Environmental Science	4

B. Physical Sciences

Choose from the following courses (also take the corresponding lab):

CHEM-100	Introduction to Chemistry	3
CHEM-100L	Introduction to Chemistry Lab	1
CHEM-111	General Chemistry I	3
CHEM-111L	General Chemistry I Lab	1
CHEM-112	General Chemistry II	3
CHEM-112L	General Chemistry II Lab	1
GEOG-120	Int Phy Geog: Planet Earth	3
GEOG-120L	Int Phy Geog: Planet Earth Lab	1
PHYS-100	Introduction to Physics	3
PHYS-100L	Intro to Physics Lab	1
PHYS-211	General Physics I	3
PHYS-211L	General Physics I Lab	1
PHYS-212	General Physics II	3
PHYS-212L	General Physics II Lab	1
PHYS-251	University Physics I	4
PHYS-251L	University Physics I Lab	1
PHYS-252	University Physics II	4
PHYS-252L	University Physics II Lab	1

***LMU requires all first-time freshmen students with less than 15 credits of college credit to complete UACT 100.**

Veterinary Health Science (BS)

VHS Core Courses

***If the course has a corequisite laboratory course, the laboratory course MUST be taken*

Item #	Title	Credits
VHS-101	Intro to Veterinary Medicine	1
VHS-211	Animal Anat & Phys I	3
VHS-211L	Animal Anat/Phys I Lab	1
VHS-212	Animal Anat & Phys II	3
VHS-212L	Anim Anat & Phys II Lab	1
VHS-230	Rual & Comp Anim Handle & Husb	3
VHS-230L	Rural/Comp Anim Hand/Husb Lab	1
VHS-300	Vet Parasitology & Entomology	3
VHS-300L	Vet Parasit/Entomolgy Lab	1
VHS-320	Junior VHS Science Seminar	3
VHS-360	Advanced Animal Anatomy	3
VHS-360L	Advanced Animal Anatomy Lab	1
VHS-370	Animal Nutrition	3
VHS-497	Veterinary Senior Seminar	3

VHS Elective Courses (select a minimum of 15 hours)

Item #	Title	Credits
VHS-310	Wildlife Diseases	3
VHS-330	One Health	3
VHS-380	Animal Repro Anat & Physiology	3
VHS-380L	Animal Repro Anat & Phys Lab	1
VHS-390	Human Animal Bond	3
VHS-400	Zoonotic Diseases Vet/Pub Hlth	3
VHS-410	Equine Management	3
VHS-450	Livestock Health and Management	3
VHS-480	Companion Animal Mgmt	3

Up to 4 hours of 300 or 400 BIOL may be used to satisfy VHS elective requirements with approval of Department Chair

Required Collateral Math and Science Courses

The following collateral science courses are required for completion of the AS degree in Veterinary Health Science. These courses also represent common entrance requirements for AVMA accredited veterinary colleges. Completion of courses listed below does not guarantee that a student will be eligible for admission to veterinary school. Students should consult http://www.aavmc.org for more information.

Item #	Title	Credits
BIOL-111	General Biology I	3
BIOL-111L	General Biology I Lab	1
CHEM-111	General Chemistry I	3
CHEM-111L	General Chemistry I Lab	1
CHEM-112	General Chemistry II	3
CHEM-112L	General Chemistry II Lab	1
CHEM-221	Organic Chemistry I	3
CHEM-221L	Organic Chemistry I Lab	1
CHEM-222	Organic Chemistry II	3
CHEM-222L	Organic Chemistry II Lab	1
BIOL-315	Molecular Genetics	3
BIOL-315L	Molecular Genetics Lab	1
BIOL-441	Biochemistry I	4
	BIOL Upper Level Elective (300 or 400)	**3-4**
PHYS-211	General Physics I	3
PHYS-211L	General Physics I Lab	1
	MATH-120 or MATH-150	**3**
MATH-120	Trigonometry	3
MATH-150	Calculus I	4
	Total Credits	122-123

BS in Veterinary Health Science - LMU CVM Early Acceptance Pathway

Field of Study

Bachelor of Science

The maximum amount of double-counted credit hours for the LMU-CVM Early Acceptance pathway is 33.5 credits. LMU limits eligibility for this pathway to exceptional students who meet the enrollment criteria. Students are still required to meet the student learning outcomes (SLOs) for each program, so the quality and integrity of both programs are not jeopardized. Upon completion of the first year in the DVM program, the BS is awarded. If the first year of the DVM program is not successfully completed, further coursework is needed to complete the BS degree.

General Education

I. LMU Specific Courses

Item #	Title	Credits
	2025 General Education - LMU Specific Courses	**4**
UACT-100	Strategies for College Success	1
LNCN-100	Lincoln's Life and Legacy	1
CIVX-300	American Civics	2

***LMU requires all first-time freshmen students with less than 15 credits of college credit to complete UACT 100.**

II. Communication

Item #	Title	Credits
ENGL-101	Composition I	3
ENGL-102	Composition II	3
COMM-200	Fundamentals of Speech Communication	3

III. Ethics, Fine Arts, History, or Humanities

Item #	Title	Credits
	General Education - Ethics, Fine Arts, Humanities	
ENGL-240	Literary Forms	3
ENGL-250	Literary History and Culture	3
ENGL-350	Narrative, Healing and the Body	3
ART-100	Art Appreciation	3
ART-381	Survey of Art History I	3
ART-382	Surv Art Hist II	3
MUSC-100	Music Appreciation	3
MUSC-468	Survey of World Music	3
MCOM-410	Media Law and Ethics	3
REL-310	Comparative Religions	3
REL-315	Comparative Christianity	3
PHIL-200	Introduction to Philosophy	3
PHIL-330	Ethics	3
PHIL-430	Medical Ethics	3
REL-210	Surv Old Testament	3
REL-220	Surv New Testament	3
THEA-100	Intro to Theatre	3
THEA-340	Survey of Dramatic Literature	3
BUSN-250	Social & Ethical Environment of Business	3
GEOG-350	Geography of Religion	3
PHIL-100	The Meaning of Life	3

Students must take two courses, of different prefixes from the list provided.

IV. Behavioral/Social Sciences

Item #	Title	Credits
	General Education - Behavorial/Social Science	
Complete one of the following course: BSCI-100, CRIM-105, ECON-211, ECON-212, GEOG-100, GEOG-110, GEOG-211, GEOG-300, POLS-211, POLS-240, POLS-250, PSYC-100, PSYC-221, PSYC-222, SOCI-100, or SOCI-330.		
POLS-250	Introduction to International Relations	3
PSYC-100	Introduction to Psychology	3
PSYC-221	Child and Adolescent Development	3
PSYC-222	Adult Development	3
SOCI-100	Introduction to Sociology	3
SOCI-330	Cultural Diversity	3
GEOG-100	Introduction to Geography	3
GEOG-110	World Regional Geography	3
GEOG-211	Intro to Human Geography	3
GEOG-300	Environmental Geography	3
POLS-240	Intro to Political Ideas	3
CRIM-105	Introduction to Criminal Justice	3
ECON-212	Principles of Microeconomics	3

V. History

Item #	Title	Credits
HIST-121	World History to 1500	3
HIST-122	World Hist Since 1500	3
HIST-131	American History to 1877	3
HIST-132	American Hist Since 1877	3

Choose two courses (6 credit hours) from list, does not need to be sequential.

VI. Mathematics

(*see* **Mathematics Placement**)

Item #	Title	Credits
	2025 General Education - Mathematics (for Baccalaureate degree)	**3**
MATH-110	Reasoning and Problem Solving	3
MATH-115	College Algebra	3
MATH-120	Trigonometry	3
MATH-150	Calculus I	4

VII. Natural Sciences/Physical Sciences

Item #	Title	Credits
	2025 General Education - Natural/Physical Sciences - Bachelor of Science	**8**

A. Life Sciences

Choose from the following courses (also take the corresponding lab):

BIOL-100	Introduction to Biology	3
BIOL-100L	Introduction to Biology Lab	1
BIOL-111	General Biology I	3
BIOL-111L	General Biology I Lab	1
BIOL-112	General Biology II	3
BIOL-112L	General Biology II Lab	1
BIOL-230	Microbiology	3
BIOL-230L	Microbiology Lab	1
BIOL-261	Human Anatomy and Physiology I	3
BIOL-261L	Human Anatomy and Physiology I Lab	1
BIOL-262	Human Anatomy and Physiology II	3
BIOL-262L	Human Anatomy and Physiology II Lab	1
CBIO-230	Forests of Appalachia	4
ENVS-100	Introduction to Environmental Science	4

B. Physical Sciences

Choose from the following courses (also take the corresponding lab):

CHEM-100	Introduction to Chemistry	3
CHEM-100L	Introduction to Chemistry Lab	1
CHEM-111	General Chemistry I	3
CHEM-111L	General Chemistry I Lab	1
CHEM-112	General Chemistry II	3
CHEM-112L	General Chemistry II Lab	1
GEOG-120	Int Phy Geog: Planet Earth	3
GEOG-120L	Int Phy Geog: Planet Earth Lab	1
PHYS-100	Introduction to Physics	3
PHYS-100L	Intro to Physics Lab	1
PHYS-211	General Physics I	3
PHYS-211L	General Physics I Lab	1
PHYS-212	General Physics II	3
PHYS-212L	General Physics II Lab	1
PHYS-251	University Physics I	4
PHYS-251L	University Physics I Lab	1
PHYS-252	University Physics II	4
PHYS-252L	University Physics II Lab	1

***LMU requires all first-time freshmen students with less than 15 credits of college credit to complete UACT 100.**

Veterinary Health Science (BS)

VHS Core Courses

***If the course has a corequisite laboratory course, the laboratory course MUST be taken*

Item #	Title	Credits
VHS-194	Pre-Vet Career Seminar	2
VHS-211	Animal Anat & Phys I	3
VHS-211L	Animal Anat/Phys I Lab	1
VHS-212	Animal Anat & Phys II	3
VHS-212L	Anim Anat & Phys II Lab	1
VHS-230	Rual & Comp Anim Handle & Husb	3
VHS-230L	Rural/Comp Anim Hand/Husb Lab	1
VHS-240	Pre-Vet Experience I	1
VHS-300	Vet Parasitology & Entomology	3
VHS-300L	Vet Parasit/Entomolgy Lab	1
VHS-320	Junior VHS Science Seminar	3
VHS-340	Pre-Vet Experience II	1
VHS-360	Advanced Animal Anatomy	3
VHS-360L	Advanced Animal Anatomy Lab	1

Required Collateral Math and Science Courses

The following collateral science courses are required for completion of the AS degree in Veterinary Health Science. These courses also represent common entrance requirements for AVMA accredited veterinary colleges. Completion of courses listed below does not guarantee that a student will be eligible for admission to veterinary school. Students should consult http://www.aavmc.org for more information.

Item #	Title	Credits
BIOL-111	General Biology I	3
BIOL-111L	General Biology I Lab	1
BIOL-112	General Biology II	3
BIOL-112L	General Biology II Lab	1
CHEM-111	General Chemistry I	3
CHEM-111L	General Chemistry I Lab	1
CHEM-112	General Chemistry II	3
CHEM-112L	General Chemistry II Lab	1
CHEM-221	Organic Chemistry I	3
CHEM-221L	Organic Chemistry I Lab	1
CHEM-222	Organic Chemistry II	3
CHEM-222L	Organic Chemistry II Lab	1
BIOL-315	Molecular Genetics	3
BIOL-315L	Molecular Genetics Lab	1
BIOL-441	Biochemistry I	4
PHYS-211	General Physics I	3
PHYS-211L	General Physics I Lab	1
	MATH-120 or MATH-150	**3**
MATH-120	Trigonometry	3
MATH-150	Calculus I	4

DVM Courses

Item #	Title	Credits
	DVM Courses	**33.5**
	Total Credits	135.5

Veterinary Health Science Minor

Field of Study
Minor

Required Course:

Item #	Title	Credits
VHS-101	Intro to Veterinary Medicine	1

Elective Courses (select a minimum of 17 hours):

***If the course has a corequisite laboratory course, the laboratory course MUST be taken*

Item #	Title	Credits
VHS-211	Animal Anat & Phys I	3
VHS-211L	Animal Anat/Phys I Lab	1
VHS-212	Animal Anat & Phys II	3
VHS-212L	Anim Anat & Phys II Lab	1
VHS-300	Vet Parasitology & Entomology	3
VHS-300L	Vet Parasit/Entomolgy Lab	1
VHS-310	Wildlife Diseases	3
VHS-330	One Health	3
VHS-370	Animal Nutrition	3
VHS-380	Animal Repro Anat & Physiology	3
VHS-380L	Animal Repro Anat & Phys Lab	1
VHS-390	Human Animal Bond	3
VHS-400	Zoonotic Diseases Vet/Pub Hlth	3
VHS-410	Equine Management	3
VHS-450	Livestock Health and Management	3
VHS-480	Companion Animal Mgmt	3
	Total Credits	18

Veterinary Medical Technology

Associate of Science Degree Program

Program Director: Jay Miles, DVM, MVEd

Admission to the University does not guarantee admission to the Associate of Science Veterinary Medical Technology Program. Admission to the two and a half (2.5) year program is highly competitive and subject to the following:

1. Admission to LMU (visit LMU admission office/website for application)
2. Formal application for admission to the AS Veterinary Medical Technology Program
    - Application may be found online at https://www.lmunet.edu/college-of-veterinary-medicine/undergraduate-programs/veterinary-medical-technology

    - Twenty hours of experience in a veterinary facility (LMU form must be used for verification)
    - Evaluator forms from two sources (one academic, one veterinary professional)
    - Personal statement of professional goals
3. ACT/SAT scores are recommended but not required
4. Competitive GPA, (college GPA of 2.5)

Accepted students will also be asked to verify that they meet all program technical standards.

Transfer Students

Students previously admitted to a veterinary technology program at another AVMA accredited institution must submit a letter of reference from the head of that program for consideration of admission into the AS VMT program. The VMT faculty will evaluate the veterinary technology courses from and give appropriate credit. LMU will decide transferability of courses/credits.

Accredited Program

The Associate of Science (AS) in Veterinary Medical Technology is fully accredited by the American Veterinary Medical Association (AVMA) Committee on V eterinary Technician Education and Activities (CVTEA). The program is designed to develop knowledge, understanding, and development of critical thinking skills and technical skills and abilities required of credentialed technicians who work as a veterinary health care team member in clinical practice, biological research, educational facilities, zoos, diagnostic laboratories, pharmaceutical companies, and government agencies such as USDA and APHIS, in addition to other veterinary areas. Careers of the technician parallel those of veterinarians.

Veterinary Medical Technology (AS) Program Goals:

As a member of Allied Health Sciences, the Veterinary Medical Technology Program seeks to fulfill the following goals:

- Provide an Associate of Science Degree in Veterinary Medical Technology that meets the academic standards of the American Veterinary Medical Association, the State of Tennessee, and LMU.
- Provide conscientious, caring, and highly skilled veterinary technicians who are equipped with critical thinking and clinical skills to practice the science of veterinary technology within the veterinary profession.
- Provide an educational background that enables graduates to become integral members of the veterinary health-care team.

Program Objectives:

1. Properly assess and evaluate needs of patients as they relate to pathophysiology of disease and disease prevention. (Advanced Medical Knowledge)
2. Administer quality medical care involving companion, food, and laboratory animals. (Advanced Medical Knowledge)
3. Demonstrate and apply laboratory procedures essential to diagnostic veterinary medicine. (Advanced Medical Knowledge)
4. Demonstrate understanding of disease processes and subsequent therapeutic procedures. (Promote Public Health)
5. Demonstrate therapeutic interpersonal communication skills in the client-technician-doctor relationship. (Service to Humanity)
6. Understand the human-animal bond and how the bond impacts society. (Promote Animal Welfare)

Technical and performance standards are necessary in a competent veterinary technician. These standards are necessary to protect the technician, client, and patient as well as other members of the veterinary health care team. Please refer to The Veterinary Medical Technology Student Handbook for a detailed description of technical standards; https://cvmcatalog.lmunet.edu/dvm-and-vmt-technical-standards-and-essential-functions

The VTNE:

The AS degree in Veterinary Medical Technology prepares graduates for eligibility to take the Veterinary Technician National Examination (VTNE). For information about the VTNE, visit www.aavsb.org. The state board of veterinary medicine has the

right to deny licensure to practice veterinary technology to individuals guilty of crime, unprofessional conduct, or incompetence. Direct any questions regarding eligibility to take the VTNE to the board of veterinary medicine in the state which the student wishes to be registered.

Successful Completion:
PROGRESSION POLICIES OF THE VETERINARY MEDICAL TECHNOLOGY PROGRAM

1. A student must complete all VMT prefixed courses with a grade of 80 (B-) or better.
2. A student may earn one course grade of 70-79 (C- to C+) in a VMT prefixed course at any time in the VMT program. A student that earns one grade of 70-79 (C- to C+) will be placed on VMT academic probation.
3. If a student earns a second course grade of 70-79 (C- to C+) in a VMT prefixed course, the student will be automatically academically dismissed from the VMT program. The student may reapply for admission into the program but it is clearly understood that readmission is not guaranteed. If readmitted, the student must repeat the entire academic year from which he/she was dismissed, beginning with the Fall semester. If the student fails to earn a minimum grade of 80 (B-) or better in any VMT prefixed course following readmission, he/she will be dismissed from the program and is not eligible for readmission.
4. Any student who fails to earn the minimum grade of B- in two or more VMT prefixed courses during the first semester will be dismissed and is not eligible for readmission to the Veterinary Medical Technology Program.
5. Any student who earns any grade below a 70 (D-, D, D+, F) in a VMT prefixed course at any point in the curriculum will be dismissed and is not eligible for readmission to the Veterinary Medical Technology Program.
6. No student will be readmitted into the VMT Program more than once.
7. In order to progress in the program, students must successfully complete the Veterinary Medical Technology courses in sequence as specified in the program handbook.
8. If the student chooses to interrupt their VMT course sequence for any reason (withdrawal from any VMT course, withdrawal from LMU, failure to enroll in the next VMT course sequence, etc.), the student may be readmitted to the program at the point in which he/she withdrew. In this case, the student must be in good academic standing with the VMT program and the University.
9. Any student with an incomplete "I" in any VMT prefixed course(s) will not be allowed to enroll in subsequent VMT courses until the "I" has been removed from the student's transcript. If a student receives an incomplete, all of the required course work must be completed no later than 30 days after the conclusion of the current academic term. If the student fails to complete the requirements of the particular course, the student will receive zeros on all missed assignments and the final grade will be calculated accordingly.

Bachelor of Science Degree Program

The BS degree in Veterinary Medical Technology is designed for individuals that have graduated from an AVMA accredited Veterinary Medical Technology Program with an AS or an AAS degree. Students must have obtained credentialing or be eligible for credentialing as a veterinary technician.

The BS VMT degree is designed to enhance the knowledge base, skill development, and critical thinking skills that will enable graduates to obtain entry level positions as a veterinary technologist. The BS VMT degree allows graduates to gain access to broader knowledge and experience in business related topics to better prepare them for competitive employment opportunities. Careers of veterinary technologists parallel those of the veterinarian. Veterinary technologists pursue careers in practice management, industry such as pharmaceutical sales and regulatory agencies, teaching, and specialized facilities.

Program Objectives:

1. Properly assess and evaluate needs of patients as they relate to pathophysiology of disease and disease prevention.
2. Deliver and supervise quality medical care involving companion, food, and laboratory animals.
3. Perform and supervise laboratory procedures essential to diagnostic veterinary medicine.
4. Develop in depth understanding of disease processes and importance of administering therapeutic procedures associated with disease.
5. Enhance client communication skills to increase owner compliance.

6. Become an integral part of interdisciplinary teams that understand the human-animal bond and how the bond impacts society.

Admissions Requirements:

- Successful completion of a two-year AVMA CVTEA accredited Veterinary Technology or Veterinary Nursing Program
- Verification of credentialing as a veterinary technician or verification of credentialing application
- Students must obtain credentials by passing the VTNE within two testing windows from date of admission to LMU. Students that do not pass the VTNE in allotted time frame may not continue in the BS VMT program.

Note: To satisfy program requirements, students must achieve a minimum grade of C- or better in all required courses. Failure to meet this standard may result in the need to repeat the course to ensure progression within the program.

AS in Veterinary Medical Technology

Field of Study
Associate of Science

General Education

I. LMU Specific Courses

Item #	Title	Credits
	AS General Education - LMU Specific Courses	

LMU Specific Courses

LNCN-100	Lincoln's Life and Legacy	1
UACT-100	Strategies for College Success	1

***LMU requires all first-time freshmen students with fewer than 15 credits of college credit to complete UACT 100.**

***LMU requires all first-time freshmen students with less than 15 credits of college credit to complete UACT 100.**

II. Communication

Item #	Title	Credits
	AS General Education - Communication	
COMM-200	Fundamentals of Speech Communication	3
ENGL-101	Composition I	3

III. Ethics, Fine Arts, History, or Humanities

Item #	Title	Credits
	AS General Education - Ethics, Fine Arts, History or Humanities	**3**
ART-100	Art Appreciation	3
ART-381	Survey of Art History I	3
ART-382	Surv Art Hist II	3
BUSN-250	Social & Ethical Environment of Business	3
ENGL-240	Literary Forms	3
ENGL-250	Literary History and Culture	3
ENGL-350	Narrative, Healing and the Body	3
GEOG-350	Geography of Religion	3
HIST-121	World History to 1500	3
HIST-122	World Hist Since 1500	3
HIST-131	American History to 1877	3
HIST-132	American Hist Since 1877	3
MCOM-410	Media Law and Ethics	3
MUSC-100	Music Appreciation	3
MUSC-468	Survey of World Music	3
PHIL-100	The Meaning of Life	3
PHIL-200	Introduction to Philosophy	3
PHIL-210	Logic and Critical Thinking	3
PHIL-330	Ethics	3
PHIL-430	Medical Ethics	3
REL-210	Surv Old Testament	3
REL-220	Surv New Testament	3
REL-310	Comparative Religions	3
REL-315	Comparative Christianity	3
THEA-100	Intro to Theatre	3
THEA-340	Survey of Dramatic Literature	3

IV. Behavioral/Social Sciences

Item #	Title	Credits
	AS General Education - Behavioral/Social Sciences	**3**
BUSN-380	Personal Finance	3
CRIM-105	Introduction to Criminal Justice	3
ECON-212	Principles of Microeconomics	3
ECON-213	Principles of Macroeconomics	3
GEOG-100	Introduction to Geography	3
GEOG-110	World Regional Geography	3
GEOG-211	Intro to Human Geography	3
GEOG-300	Environmental Geography	3
POLS-100	American Government: National	3
POLS-240	Intro to Political Ideas	3
POLS-250	Introduction to International Relations	3
PSYC-100	Introduction to Psychology	3
PSYC-221	Child and Adolescent Development	3
PSYC-222	Adult Development	3
SOCI-100	Introduction to Sociology	3

PSYC-221 counts concurrently toward LMU's social science general education requirement and is highly recommended for ASN students. Other courses in the disciplines of Economics, Geography, Government, Psychology, and Sociology will also meet LMU's general education requirements in the social sciences. However, students who have completed one of these courses for their social science requirement would still be required to take PSYC 100 or 221 as a nursing licensure requirement.

PSYC-221 counts concurrently toward LMU's social science general education requirement and highly recommended for ASN students. Other courses in the disciplines of Economics, Geography, Government, Psychology, and Sociology will also meet LMU's general education requirements in the social sciences. However, students who have completed one of these courses for their social science requirement would still be required to take PSYC 100 or 221 as a nursing licensure requirement.

V. Mathematics

Item #	Title	Credits
	AS General Education - Mathematics	**3-4**
Choose **one** course from the following:		
MATH-105	Transitional College Mathematics	3
MATH-110	Reasoning and Problem Solving	3
MATH-115	College Algebra	3
MATH-120	Trigonometry	3
MATH-150	Calculus I	4

VI. Natural Sciences

Item #	Title	Credits
	AS General Education - Natural Sciences	**4**
BIOL-100	Introduction to Biology	3
BIOL-100L	Introduction to Biology Lab	1
BIOL-230	Microbiology	3
BIOL-230L	Microbiology Lab	1
BIOL-261	Human Anatomy and Physiology I	3
BIOL-261L	Human Anatomy and Physiology I Lab	1
BIOL-262	Human Anatomy and Physiology II	3
BIOL-262L	Human Anatomy and Physiology II Lab	1
CHEM-100	Introduction to Chemistry	3
CHEM-100L	Introduction to Chemistry Lab	1
ENVS-100	Introduction to Environmental Science	4
GEOG-120	Int Phy Geog: Planet Earth	3
GEOG-120L	Int Phy Geog: Planet Earth Lab	1
PHYS-100	Introduction to Physics	3
PHYS-100L	Intro to Physics Lab	1
PHYS-211	General Physics I	3
PHYS-211L	General Physics I Lab	1

BIOL-261, BIOL-262 are nursing licensure requirements. Any laboratory science course in Biology, Chemistry, Environmental Science, or Physics meets LMU's natural science general education requirement for associate degrees. Any one of the courses listed above will count concurrently toward general education and the nursing program requirements.

(AS) Veterinary Medical Technology

VMT Courses

***If the course has a corequisite laboratory course, the laboratory course MUST be taken*

Item #	Title	Credits
VMT-100	Intro to Veterinary Technology	2
VMT-105	Veterinary Medical Terminology	1
VMT-111	Domestic Animal Anat & Phys I	3
VMT-111L	Domestc Animal Anat/Phys I Lab	1
VMT-112	Domestic Animal Anat/Phys II	3
VMT-112L	Domstc Animal Anat/Phys II Lab	1
VMT-120	Animal Husbndry/Nutrtn/Breeds	3
VMT-120L	Animl Hsbndry/Nutrn/Breeds Lab	1
VMT-125	Parasitology for Veterinary Technicians	1
VMT-125L	Parasitology for Veterinary Technicians Lab	1
VMT-130	Small Animal Clinical Procedures and Surgical Nursing	3
VMT-130L	Small Animal Clinical Procedures and Surgical Nursing Lab	1
VMT-135	Dental Procedures and Techniques	1
VMT-140	Medical Math and Pharmacology	3
VMT-150	Clinical Pathology	2
VMT-150L	Clinical Pathology Lab	1
VMT-160	Diagnostic Imaging	1
VMT-160L	Diagnostic Imaging Lab	1
VMT-170	Emergency and Critical Care Procedures and Techniques	3
VMT-180	Laboratory & Zoo Animals	1
VMT-180L	Laboratory & Zoo Animals Lab	1
VMT-220	Large Animal Clin Proc & Tech	1
VMT-220L	Lrg Animal Clin Proc Tech Lab	1
VMT-242	Vet Pharmacology & Anesthesia	2
VMT-250	Anesthesia and Analgesia	3
VMT-250L	Anesthesia and Analgesia Lab	1
VMT-254	Surgical Experience Lab	1
VMT-260	Animal Diseases & Zoonoses	3
VMT-297	Veterinary Clinical Review	3
VMT-300	Veterinary Technician Practicum	6

Preventive Health Measures

1. Vaccination for rabies is mandatory. Students requiring medical exemption from rabies vaccination must provide written documentation of medical necessity from a licensed physician or medical provider.
2. All students must provide written documentation of current tetanus vaccination status (within the previous 5 years).
3. Female students are encouraged to sign a pregnancy declaration form to be exempt from participation in some courses such as anesthesia, parasitology, and diagnostic imaging where participation could put the unborn fetus at risk.
4. Students are encouraged to obtain health insurance.

For programs offered at the DVTC Site:

Practical Work Experience Policy

Students enrolled in the Associate of Science in Veterinary Medical Technology program at Lincoln Memorial University must complete a practical veterinary experience at the conclusion of the academic program in accordance with Standard 10d of the Accreditation Policies and Procedures of the AVMA Committee on Veterinary Technician Education and Activities (CVTEA).

10d. Practical veterinary experience that expands student knowledge and builds proficiency of acquired skills through task-specific exercises is a required portion of the curriculum. These experiences are usually termed preceptorships, practicums, internships, or externships. Practical experiences are for the purpose of honing skills learned in the formal instructional settings and should be scheduled to occur following completion of skills acquisition. These practical experiences should be a minimum of 240 cumulative contact hours and must be monitored by the program director or the director's appointee who must be a program faculty or staff member who is either a licensed veterinarian or credentialed veterinary technician who is a graduate of an AVMA CVTEA/CVMA accredited veterinary technology program. Prior to the beginning of the practical experience, on-site supervisors must be contacted by the program. Students and faculty should seek progressive contemporary facilities that employ credentialed veterinary technicians to act as professional role models and mentors. During the practical experience, contact must be maintained with students and their on-site supervisors to monitor students' personal and educational experiences. It is highly recommended that such contact take place through personal visits and interviews by the program director or appointee. Specific criteria must be used to assist on-site supervisors in monitoring student progress. The program director or appointee shall review student performance evaluations by on-site supervisors, student evaluation of the experience, and a final student performance evaluation.

VMT Program Practicum

The practicum is completed through VMT-300. This six (6) credit hour course consists of 120 contact hours. The practicum is graded on a pass/fail basis.

Roles and Responsibilities

VMT students are responsible for locating and securing a clinical site for the practicum. The program director is available for guidance regarding selection of the clinical site. Once the clinical site has agreed to accept the VMT student for the practicum, the program director will complete the Memorandum of Understanding (MOU) with the site and forward to the University legal department for all required signatures.

Students registered for VMT-300 are required to submit weekly timesheets documenting the number of contact hours spent at the clinical site. Students should follow the individual schedule of the clinical site and recognize that nontraditional days/times may be required based on the nature of the veterinary practice. It is recommended that students average 40 contact hours per week. A copy of the timesheet is found on Canvas.

Students must complete weekly discussion board posts as a primary means of communication with classmates, faculty, and staff. Student may choose to report on interesting cases and activities from the week and to share knowledge with classmates.

Students must complete a case study based on an interesting case observed during the practicum. All identifying information must be redacted to protect client and patient confidentiality. Specific formatting guidelines are provided to students in the syllabus and in the Canvas course shell.

Memorandum of Understanding

The program director will complete an MOU with each clinical site and forward to the University legal department for all required signatures. Students may not begin work until MOUs are fully executed. Each MOU will clearly delineate responsibilities of all parties.

Renumeration

At the discretion of the clinical site, students may be paid an hourly wage or stipend for work completed during the practicum. The VMT program does not control the renumeration policy of the clinical site.

Practicum Evaluation
Students will provide all clinical site supervisors with a copy of the Practicum Evaluation of Student document at the beginning of the practical experience. Supervisors may mail, fax, or email the completed document to the instructor of the VMT-300 course.

Students will complete the Student Evaluation of Practicum document at the completion of the practical experience. The completed document may be mailed, faxed, or emailed to the instructor of the VMT-300 courses.

	Total Credits	77

BS in Veterinary Medical Technology

Field of Study
Bachelor of Science

*** Students enrolling in, and completing, the BS in Veterinary Medical Technology will graduate with a minimum of 122 credit hours based upon the transfer of an AS or an AAS degree from an AVMA-CVTEA accredited Veterinary Medical Technology program. The number of transfer credits awarded for previous courses will be at the discretion of the faculty, the Assistant Dean of Undergraduate Programs, and the General Education Committee.***

General Education

I. LMU Specific Courses

Item #	Title	Credits
	2025 General Education - LMU Specific Courses	**4**
UACT-100	Strategies for College Success	1
LNCN-100	Lincoln's Life and Legacy	1
CIVX-300	American Civics	2

***LMU requires all first-time freshmen students with less than 15 credits of college credit to complete UACT 100.**

II. Communication

Item #	Title	Credits
ENGL-101	Composition I	3
ENGL-102	Composition II	3
COMM-200	Fundamentals of Speech Communication	3

III. Ethics, Fine Arts, Humanities

Item #	Title	Credits
	General Education - Ethics, Fine Arts, Humanities	
ENGL-240	Literary Forms	3
ENGL-250	Literary History and Culture	3
ENGL-350	Narrative, Healing and the Body	3
ART-100	Art Appreciation	3
ART-381	Survey of Art History I	3
ART-382	Surv Art Hist II	3
MUSC-100	Music Appreciation	3
MUSC-468	Survey of World Music	3
MCOM-410	Media Law and Ethics	3
REL-310	Comparative Religions	3
REL-315	Comparative Christianity	3
PHIL-200	Introduction to Philosophy	3
PHIL-330	Ethics	3
PHIL-430	Medical Ethics	3
REL-210	Surv Old Testament	3
REL-220	Surv New Testament	3
THEA-100	Intro to Theatre	3
THEA-340	Survey of Dramatic Literature	3
BUSN-250	Social & Ethical Environment of Business	3
GEOG-350	Geography of Religion	3
PHIL-100	The Meaning of Life	3

The two fine art courses must have different prefixes.

IV. Behavioral/Social Sciences

Item #	Title	Credits
	General Education - Behavorial/Social Science	
Complete one of the following course: BSCI-100, CRIM-105, ECON-211, ECON-212, GEOG-100, GEOG-110, GEOG-211, GEOG-300, POLS-211, POLS-240, POLS-250, PSYC-100, PSYC-221, PSYC-222, SOCI-100, or SOCI-330.		
POLS-250	Introduction to International Relations	3
PSYC-100	Introduction to Psychology	3
PSYC-221	Child and Adolescent Development	3
PSYC-222	Adult Development	3
SOCI-100	Introduction to Sociology	3
SOCI-330	Cultural Diversity	3
GEOG-100	Introduction to Geography	3
GEOG-110	World Regional Geography	3
GEOG-211	Intro to Human Geography	3
GEOG-300	Environmental Geography	3
POLS-240	Intro to Political Ideas	3
CRIM-105	Introduction to Criminal Justice	3
ECON-212	Principles of Microeconomics	3

V. History

Item #	Title	Credits
HIST-121	World History to 1500	3
HIST-122	World Hist Since 1500	3
HIST-131	American History to 1877	3
HIST-132	American Hist Since 1877	3

Choose two of the history courses. Does not have to be sequential.

VI. Mathematics

(*see* **Mathematics Placement**)

Item #	Title	Credits
	2025 General Education - Mathematics (for Baccalaureate degree)	**3**
MATH-110	Reasoning and Problem Solving	3
MATH-115	College Algebra	3
MATH-120	Trigonometry	3
MATH-150	Calculus I	4

VII. Natural Sciences/Physical Sciences

Item #	Title	Credits
	2025 General Education - Natural/Physical Sciences - Bachelor of Science	**8**

A. Life Sciences

Choose from the following courses (also take the corresponding lab):

BIOL-100	Introduction to Biology	3
BIOL-100L	Introduction to Biology Lab	1
BIOL-111	General Biology I	3
BIOL-111L	General Biology I Lab	1
BIOL-112	General Biology II	3
BIOL-112L	General Biology II Lab	1
BIOL-230	Microbiology	3
BIOL-230L	Microbiology Lab	1
BIOL-261	Human Anatomy and Physiology I	3
BIOL-261L	Human Anatomy and Physiology I Lab	1
BIOL-262	Human Anatomy and Physiology II	3
BIOL-262L	Human Anatomy and Physiology II Lab	1
CBIO-230	Forests of Appalachia	4
ENVS-100	Introduction to Environmental Science	4

B. Physical Sciences

Choose from the following courses (also take the corresponding lab):

CHEM-100	Introduction to Chemistry	3
CHEM-100L	Introduction to Chemistry Lab	1
CHEM-111	General Chemistry I	3
CHEM-111L	General Chemistry I Lab	1
CHEM-112	General Chemistry II	3
CHEM-112L	General Chemistry II Lab	1
GEOG-120	Int Phy Geog: Planet Earth	3
GEOG-120L	Int Phy Geog: Planet Earth Lab	1
PHYS-100	Introduction to Physics	3
PHYS-100L	Intro to Physics Lab	1
PHYS-211	General Physics I	3
PHYS-211L	General Physics I Lab	1
PHYS-212	General Physics II	3
PHYS-212L	General Physics II Lab	1
PHYS-251	University Physics I	4
PHYS-251L	University Physics I Lab	1
PHYS-252	University Physics II	4
PHYS-252L	University Physics II Lab	1

***LMU requires all first-time freshmen students with less than 15 credits of college credit to complete UACT 100.**

Veterinary Medical Technology (BS) Required Courses

VMT BS Required Courses

Item #	Title	Credits
VMT-320	Junior Seminar	3
VMT-320X	Junior Writing Requirement	
VMT-370	Adv Anesthesia for Vet Techs	3
VMT-414	Animal Physiology for Veterinary Technicians	3
VMT-425	Small Animal Emergency and Critical Care	3
VMT-436	Pharmacology for Veterinary Technicians	3
VMT-450	Communication & Ethics in Vet Technology	3
VMT-447	Clinical Pathology for Veterinary Technicians	3
VMT-497	Senior Writing and Research	3
VMT-497Z	Senior Writing Requirement	0
VHS-330	One Health	3
VHS-390	Human Animal Bond	3
VHS-400	Zoonotic Diseases Vet/Pub Hlth	3
MGMT-300	Principles of Management	3

Veterinary Medical Technology (BS) Transfer Credit

Item #	Title	Credits
Transfer Credit	AVMA-CVTEA Accredited Degree	47
	Total Credits	122

Paul V. Hamilton School of Arts, Humanities, and Social Sciences

Mission Statement

The mission of the School of Arts, Humanities, and Social Sciences is to provide academic programs and General Education courses that cultivate the values, skills, and perspectives essential for preparing university students to become lifelong learners and productive participants and leaders in a rapidly changing world. Inspired by the enduring principles of Abraham Lincoln's life and legacy, the School of Arts, Humanities, and Social Sciences strives to promote research, innovation, scholarship, and creative expression. At the heart of the LMU liberal arts experience is a commitment to a tradition and standard of excellence that foster students' intellectual, moral, civic, and creative capacities and aspirations in service to humanity through the advancement of life in the Appalachian region and beyond.

Department of Fine Arts and Communication

Mission Statement

The Department of Fine Arts and Communication promotes the mission of LMU by teaching courses that emphasize mastery of content area; effectiveness in written, oral, and visual communication; and the development of humanistic sensibilities and perspectives. The department also provides cultural leadership for the University community and the Cumberland Gap region by sponsoring art exhibits, theater productions, and music recitals and concerts.

Department Passing Grade Policy

All major and minor courses of study in the Department of Fine Arts and Communications require a minimum grade for credit. All courses in the major and minor cores and major and minor electives will require the attainment of a C- or higher to count for credit towards graduation. Any student who has not achieved a C- or higher will need to re-take the course. Students should speak with the program director about any additional questions or concerns.

BA in Art

Field of Study
Bachelor of Arts

I. LMU Specific Courses

Item #	Title	Credits
	2025 General Education - LMU Specific Courses	**4**
UACT-100	Strategies for College Success	1
LNCN-100	Lincoln's Life and Legacy	1
CIVX-300	American Civics	2

***LMU requires all first-time freshmen students with less than 15 credits of college credit to complete UACT 100.**

II. Communications

Item #	Title	Credits
	2025 General Education - Communications	**9**
ENGL-101	Composition I	3
ENGL-102	Composition II	3
COMM-200	Fundamentals of Speech Communication	3

Bachelor of Arts students are required to take 6 hours of a foreign language in addition to the above courses.

III. Ethics, Fine Arts, History, or Humanities

Item #	Title	Credits
	2025 General Education - Fine Arts, Humanities, and Ethics (for Baccalaureate Degrees)	**6**

Fine Arts, Humanities, and Ethics

Choose **two** of the following (must have different prefixes, e.g. ART and GEOG):

ART-100	Art Appreciation	3
ART-381	Survey of Art History I	3
ART-382	Surv Art Hist II	3
BUSN-250	Social & Ethical Environment of Business	3
ENGL-240	Literary Forms	3
ENGL-250	Literary History and Culture	3
ENGL-350	Narrative, Healing and the Body	3
GEOG-350	Geography of Religion	3
MCOM-410	Media Law and Ethics	3
MUSC-100	Music Appreciation	3
MUSC-468	Survey of World Music	3
PHIL-100	The Meaning of Life	3
PHIL-200	Introduction to Philosophy	3
PHIL-210	Logic and Critical Thinking	3
PHIL-330	Ethics	3
PHIL-430	Medical Ethics	3
REL-210	Surv Old Testament	3
REL-220	Surv New Testament	3
REL-310	Comparative Religions	3
REL-315	Comparative Christianity	3
THEA-100	Intro to Theatre	3
THEA-340	Survey of Dramatic Literature	3

IV. Behavioral/Social Sciences

Item #	Title	Credits
	2025 General Education - Behavioral/Social Sciences (for Baccalaureate degree)	**3**
BUSN-380	Personal Finance	3
CRIM-105	Introduction to Criminal Justice	3
ECON-212	Principles of Microeconomics	3
ECON-213	Principles of Macroeconomics	3
GEOG-100	Introduction to Geography	3
GEOG-110	World Regional Geography	3
GEOG-211	Intro to Human Geography	3
GEOG-300	Environmental Geography	3
MCOM-270	Social Media Ethics and Culture	3
POLS-100	American Government: National	3
POLS-240	Intro to Political Ideas	3
POLS-250	Introduction to International Relations	3
PSYC-100	Introduction to Psychology	3
PSYC-221	Child and Adolescent Development	3
PSYC-222	Adult Development	3
SOCI-100	Introduction to Sociology	3

V. History

Item #	Title	Credits
	2025 General Education - History	**6**
HIST-121	World History to 1500	3
HIST-122	World Hist Since 1500	3
HIST-131	American History to 1877	3
HIST-132	American Hist Since 1877	3

VI. Mathematics

(*see* **Mathematics Placement**)

Item #	Title	Credits
	2025 General Education - Mathematics	**3**
Choose **one** course from the following:		
MATH-110	Reasoning and Problem Solving	3
MATH-115	College Algebra	3
MATH-120	Trigonometry	3
MATH-150	Calculus I	4

VII. Natural Sciences/Physical Sciences

Item #	Title	Credits
	2025 General Education - Natural/Physical Sciences - BA/BBA Degrees	**4**

A. Life Sciences

Choose **one** of the following courses and the corresponding lab:

4 credit hours

BIOL-100	Introduction to Biology	3
BIOL-100L	Introduction to Biology Lab	1
BIOL-111	General Biology I	3
BIOL-111L	General Biology I Lab	1
BIOL-112	General Biology II	3
BIOL-112L	General Biology II Lab	1
BIOL-230	Microbiology	3
BIOL-230L	Microbiology Lab	1
BIOL-261	Human Anatomy and Physiology I	3
BIOL-261L	Human Anatomy and Physiology I Lab	1
BIOL-262	Human Anatomy and Physiology II	3
BIOL-262L	Human Anatomy and Physiology II Lab	1
CBIO-230	Forests of Appalachia	4
ENVS-100	Introduction to Environmental Science	4

B. Physical Sciences

Choose **one** of the following:

4 credit hours

CHEM-100	Introduction to Chemistry	3
CHEM-100L	Introduction to Chemistry Lab	1
CHEM-111	General Chemistry I	3
CHEM-111L	General Chemistry I Lab	1
CHEM-112	General Chemistry II	3
CHEM-112L	General Chemistry II Lab	1
GEOG-120	Int Phy Geog: Planet Earth	3
GEOG-120L	Int Phy Geog: Planet Earth Lab	1
PHYS-100	Introduction to Physics	3
PHYS-100L	Intro to Physics Lab	1
PHYS-211	General Physics I	3
PHYS-211L	General Physics I Lab	1
PHYS-212	General Physics II	3
PHYS-212L	General Physics II Lab	1
PHYS-251	University Physics I	4
PHYS-251L	University Physics I Lab	1
PHYS-252	University Physics II	4
PHYS-252L	University Physics II Lab	1

***LMU requires all first-time freshmen students with less than 15 credits of college credit to complete UACT 100.**

Painting/Drawing (2D) Track

Item #	Title	Credits
ART-105	2D and Graphic Design	3
ART-106	3D Design	3
ART-110	Drawing I	3
ART-140	Ceramics I	3
ART-210	Drawing II	3
ART-220	Painting I	3
ART-310	Drawing III	3
ART-320	Painting II	3
ART-381	Survey of Art History I	3
ART-382	Surv Art Hist II	3
ART-497	Senior Exhibition	3

Ceramics (3D) Track

Item #	Title	Credits
ART-105	2D and Graphic Design	3
ART-106	3D Design	3
ART-110	Drawing I	3
ART-140	Ceramics I	3
ART-210	Drawing II	3
ART-220	Painting I	3
ART-243	Ceramics II	3
ART-343	Ceramics III	3
ART-381	Survey of Art History I	3
ART-382	Surv Art Hist II	3
ART-497	Senior Exhibition	3

Art Electives (9 hrs):

Choose three courses from the following; at least one must be 400-level, OR, repeat ART 343, ART 423, and/or ART 443 for additional 3 credits each.

Item #	Title	Credits
ART-230	Photography I	3
ART-270	Watercolor	3
ART-290	Introduction to Studio Art	3
ART-310	Drawing III	3
ART-330	Photography II	3
ART-343	Ceramics III	3
ART-350	Printmaking	3
ART-395	Special Topic	
ART-400	Appalachian Art	3
ART-410	Drawing IV	3
ART-423	Painting III/IV	3
ART-443	Ceramics IV	3
ART-471	Art and the Child	3
ART-472	Art and Adolescent	3

Foreign Language Requirement for BA Degrees

Item #	Title	Credits
	General Education - Foreign Language	**6**
SPAN-111	Beginning Spanish I	3
SPAN-112	Beginning Spanish II	3

Additional Elective Requirements for the BA in Art

Item #	Title	Credits
	Additional Elective Requirements for the BA in Art	**39-39**

Art (BA) with Teacher Licensure

Note: Students preparing for teacher licensure in Art must consult the chair of the department of undergraduate Education regarding other requirements.

	Total Credits	122

BS in Communication and Media

Field of Study
Bachelor of Science

General Education

I. LMU Specific Courses

Item #	Title	Credits
UACT-100	Strategies for College Success	1
LNCN-100	Lincoln's Life and Legacy	1
CIVX-300	American Civics	2

II. Communication

Item #	Title	Credits
COMM-200	Fundamentals of Speech Communication	3
ENGL-101	Composition I	3
ENGL-102	Composition II	3

III. Ethics, Fine Arts, History, or Humanities

Item #	Title	Credits
	2025 General Education - Fine Arts, Humanities, and Ethics (for Baccalaureate Degrees)	**6**

Fine Arts, Humanities, and Ethics

Choose **two** of the following (must have different prefixes, e.g. ART and GEOG):

ART-100	Art Appreciation	3
ART-381	Survey of Art History I	3
ART-382	Surv Art Hist II	3
BUSN-250	Social & Ethical Environment of Business	3
ENGL-240	Literary Forms	3
ENGL-250	Literary History and Culture	3
ENGL-350	Narrative, Healing and the Body	3
GEOG-350	Geography of Religion	3
MCOM-410	Media Law and Ethics	3
MUSC-100	Music Appreciation	3
MUSC-468	Survey of World Music	3
PHIL-100	The Meaning of Life	3
PHIL-200	Introduction to Philosophy	3
PHIL-210	Logic and Critical Thinking	3
PHIL-330	Ethics	3
PHIL-430	Medical Ethics	3
REL-210	Surv Old Testament	3
REL-220	Surv New Testament	3
REL-310	Comparative Religions	3
REL-315	Comparative Christianity	3
THEA-100	Intro to Theatre	3
THEA-340	Survey of Dramatic Literature	3

IV. Behavioral/Social Sciences

Item #	Title	Credits
	2025 General Education - Behavioral/Social Sciences (for Baccalaureate degree)	**3**
BUSN-380	Personal Finance	3
CRIM-105	Introduction to Criminal Justice	3
ECON-212	Principles of Microeconomics	3
ECON-213	Principles of Macroeconomics	3
GEOG-100	Introduction to Geography	3
GEOG-110	World Regional Geography	3
GEOG-211	Intro to Human Geography	3
GEOG-300	Environmental Geography	3
MCOM-270	Social Media Ethics and Culture	3
POLS-100	American Government: National	3
POLS-240	Intro to Political Ideas	3
POLS-250	Introduction to International Relations	3
PSYC-100	Introduction to Psychology	3
PSYC-221	Child and Adolescent Development	3
PSYC-222	Adult Development	3
SOCI-100	Introduction to Sociology	3

V. History

Item #	Title	Credits
	2025 General Education - History	**6**
HIST-121	World History to 1500	3
HIST-122	World Hist Since 1500	3
HIST-131	American History to 1877	3
HIST-132	American Hist Since 1877	3

VI. Mathematics

(*see* **Mathematics Placement**)

Item #	Title	Credits
	2025 General Education - Mathematics	**3**
Choose **one** course from the following:		
MATH-110	Reasoning and Problem Solving	3
MATH-115	College Algebra	3
MATH-120	Trigonometry	3
MATH-150	Calculus I	4

VII. Natural Sciences/Physical Sciences

Item #	Title	Credits
	2025 General Education - Natural/Physical Sciences - Bachelor of Science	**8**

A. Life Sciences

Choose from the following courses (also take the corresponding lab):

BIOL-100	Introduction to Biology	3
BIOL-100L	Introduction to Biology Lab	1
BIOL-111	General Biology I	3
BIOL-111L	General Biology I Lab	1
BIOL-112	General Biology II	3
BIOL-112L	General Biology II Lab	1
BIOL-230	Microbiology	3
BIOL-230L	Microbiology Lab	1
BIOL-261	Human Anatomy and Physiology I	3
BIOL-261L	Human Anatomy and Physiology I Lab	1
BIOL-262	Human Anatomy and Physiology II	3
BIOL-262L	Human Anatomy and Physiology II Lab	1
CBIO-230	Forests of Appalachia	4
ENVS-100	Introduction to Environmental Science	4

B. Physical Sciences

Choose from the following courses (also take the corresponding lab):

CHEM-100	Introduction to Chemistry	3
CHEM-100L	Introduction to Chemistry Lab	1
CHEM-111	General Chemistry I	3
CHEM-111L	General Chemistry I Lab	1
CHEM-112	General Chemistry II	3
CHEM-112L	General Chemistry II Lab	1
GEOG-120	Int Phy Geog: Planet Earth	3
GEOG-120L	Int Phy Geog: Planet Earth Lab	1
PHYS-100	Introduction to Physics	3
PHYS-100L	Intro to Physics Lab	1
PHYS-211	General Physics I	3
PHYS-211L	General Physics I Lab	1
PHYS-212	General Physics II	3
PHYS-212L	General Physics II Lab	1
PHYS-251	University Physics I	4
PHYS-251L	University Physics I Lab	1
PHYS-252	University Physics II	4
PHYS-252L	University Physics II Lab	1

***LMU requires all first-time freshmen students with less than 15 credits of college credit to complete UACT 100.**

Required Courses

Item #	Title	Credits
MCOM-110	Introduction to Mass Media	3
MCOM-261	Newswriting for Digital Media	3
MCOM-270	Social Media Ethics and Culture	3
MCOM-271	Audio Production	3
MCOM-281	Single-Camera Production	3
MCOM-320	Media Theory	3
MCOM-370	Television News Production	3
MCOM-380	Strategic Communication	3
MCOM-410	Media Law and Ethics	3
MCOM-430	Media Literacy	3
MCOM-485	Senior Seminar	3

Communication and Media Electives (6 hrs)

Choose two courses from the following:

Item #	Title	Credits
MCOM-100	Introduction to Film	3
MCOM-203	Production Practicum	1
MCOM-260	Copywriting for Digital Media	3
MCOM-280	Multi-Camera Production	3
MCOM-333	Film Genre	3
MCOM-335	Video Performer	3
MCOM-372	Digital Editing	3
MCOM-381	Sports Media	3
MCOM-420	Media Sales, Mktg & Promotion	3
MCOM-460	Argument and Persuasion	3
MCOM-470	Advanced Video Production	3
MCOM-498	Internship	1-6

Additional Elective Requirements

Item #	Title	Credits
	Additional Elective Requirements for the BS in Communication and Media	**44**
	Total Credits	122

Minor in Art

Field of Study

Minor

Required Courses

Item #	Title	Credits
	ART 105 or ART 106	**3**
ART-105	2D and Graphic Design	3
ART-106	3D Design	3
ART-110	Drawing I	3
ART-140	Ceramics I	3
ART-220	Painting I	3
	ART 381 or ART 382	**3**
ART-381	Survey of Art History I	3
ART-382	Surv Art Hist II	3
	Elective hours in Art	**3**
	Total Credits	18

Minor in Sports Media

Field of Study
Minor

Required Courses

Item #	Title	Credits
MCOM-110	Introduction to Mass Media	3
MCOM-261	Newswriting for Digital Media	3
MCOM-281	Single-Camera Production	3
MCOM-372	Digital Editing	3
MCOM-381	Sports Media	3

Electives

Choose one (1) course from the list below.

Item #	Title	Credits
THEA-230	Fundamentals of Acting	3
MCOM-270	Social Media Ethics and Culture	3
MCOM-271	Audio Production	3
MCOM-280	Multi-Camera Production	3
MCOM-370	Television News Production	3
MCOM-380	Strategic Communication	3
MCOM-410	Media Law and Ethics	3
	Total Credits	18

Minor in Theatre Arts

Field of Study
Minor

Required Courses

Item #	Title	Credits
MCOM-333	Film Genre	3
THEA-100	Intro to Theatre	3
THEA-330	Acting for the Camera	3
THEA-340	Survey of Dramatic Literature	3
THEA-350	Production Design	3
THEA-360	Introduction to Playwriting	3

Note 1: Students seeking this minor can substitute the following classes:

- THEA 230 Fundamentals of Acting for THEA 330 Acting for the Camera
- MCOM 100 Intro to Film for MCOM 333 Film Genre

Note 2: Students taking the major in Communication and Media may declare the minor in Theatre Arts only if at least 9 credit hours applied to the minor field of study are not currently applied to the major program.

	Total Credits	18

Department of Humanities

Mission Statement

The Department of Humanities promotes the mission of the LMU by offering a major in History and minors in Appalachian Studies, Geography, History, Philosophy, and Religion. In addition, the department also supports the Lincoln Pre-Law program. The majority of law schools do not require a particular major. Prospective law students are encouraged to enroll in courses that develop and refine reading, writing, and critical thinking skills, such as the courses listed in the Pre-Law Curriculum or other majors. The major programs in the department emphasize mastery of content area; effectiveness in written, oral, and visual communication; and the development of humanistic sensibilities and perspectives. Students completing these programs typically pursue careers in government, public service, teaching and various professional fields. Others pursue further study at the graduate level.

Department Passing Grade Policy

All major and minor courses of study in the Department of Humanities require a minimum grade for credit. All courses in the major and minor cores and major and minor electives will require the attainment of a C- or higher to count for credit towards graduation. Any student who has not achieved a C- or higher will need to re-take the course. Students should speak with the program director about any additional questions or concerns.

BA in History - General Track

Field of Study
Bachelor of Arts

History Program Mission Statement

The History Program seeks to prepare students to understand the American past and the history of the world around them, to create a global awareness of the diverse people with whom they share the Earth, and to foster an awareness of how cultures have interacted to create world history. Moreover, the History Program is committed to training students to think in historical terms, to understand history from a humanities-based perspective, to appreciate historical methodology, and to become capable of critically processing and using historical information in their coursework and post-graduate careers.

The History Program's mission supports the university's effort to provide students with in-depth study of a field of knowledge. Through research and writing essays and papers, the program supports the University's effort to teach students effective communication, and its course content supports the University's goal of providing students with an understanding of the development of human societies over time. The program's course offerings in the life and career of Abraham Lincoln serve as a cornerstone of the University's effort to highlight the president's premier role among American statesmen and the values he represented in its mission.

General Education

I. LMU Specific Courses

Item #	Title	Credits
UACT-100	Strategies for College Success	1
LNCN-100	Lincoln's Life and Legacy	1
CIVX-300	American Civics	2

II. Communication

Item #	Title	Credits
	2025 General Education - Communications	**9**
ENGL-101	Composition I	3
ENGL-102	Composition II	3
COMM-200	Fundamentals of Speech Communication	3

Bachelor of Arts students are required to take 6 hours of a foreign language in addition to the above courses.

III. Ethics, Fine Arts, History, or Humanities

Item #	Title	Credits
	2025 General Education - Fine Arts, Humanities, and Ethics (for Baccalaureate Degrees)	**6**

Fine Arts, Humanities, and Ethics

Choose **two** of the following (must have different prefixes, e.g. ART and GEOG):

ART-100	Art Appreciation	3
ART-381	Survey of Art History I	3
ART-382	Surv Art Hist II	3
BUSN-250	Social & Ethical Environment of Business	3
ENGL-240	Literary Forms	3
ENGL-250	Literary History and Culture	3
ENGL-350	Narrative, Healing and the Body	3
GEOG-350	Geography of Religion	3
MCOM-410	Media Law and Ethics	3
MUSC-100	Music Appreciation	3
MUSC-468	Survey of World Music	3
PHIL-100	The Meaning of Life	3
PHIL-200	Introduction to Philosophy	3
PHIL-210	Logic and Critical Thinking	3
PHIL-330	Ethics	3
PHIL-430	Medical Ethics	3
REL-210	Surv Old Testament	3
REL-220	Surv New Testament	3
REL-310	Comparative Religions	3
REL-315	Comparative Christianity	3
THEA-100	Intro to Theatre	3
THEA-340	Survey of Dramatic Literature	3

IV. Behavioral/Social Sciences

Item #	Title	Credits
	2025 General Education - Behavioral/Social Sciences (for Baccalaureate degree)	**3**
BUSN-380	Personal Finance	3
CRIM-105	Introduction to Criminal Justice	3
ECON-212	Principles of Microeconomics	3
ECON-213	Principles of Macroeconomics	3
GEOG-100	Introduction to Geography	3
GEOG-110	World Regional Geography	3
GEOG-211	Intro to Human Geography	3
GEOG-300	Environmental Geography	3
MCOM-270	Social Media Ethics and Culture	3
POLS-100	American Government: National	3
POLS-240	Intro to Political Ideas	3
POLS-250	Introduction to International Relations	3
PSYC-100	Introduction to Psychology	3
PSYC-221	Child and Adolescent Development	3
PSYC-222	Adult Development	3
SOCI-100	Introduction to Sociology	3

V. History

Item #	Title	Credits
	2025 General Education - History	**6**
HIST-121	World History to 1500	3
HIST-122	World Hist Since 1500	3
HIST-131	American History to 1877	3
HIST-132	American Hist Since 1877	3

VI. Mathematics

(*see* **Mathematics Placement**)

Item #	Title	Credits
	2025 General Education - Mathematics	**3**
Choose **one** course from the following:		
MATH-110	Reasoning and Problem Solving	3
MATH-115	College Algebra	3
MATH-120	Trigonometry	3
MATH-150	Calculus I	4

VII. Natural Sciences/Physical Sciences

Item #	Title	Credits
	2025 General Education - Natural/Physical Sciences - BA/BBA Degrees	**4**

A. Life Sciences

Choose **one** of the following courses and the corresponding lab:

4 credit hours

BIOL-100	Introduction to Biology	3
BIOL-100L	Introduction to Biology Lab	1
BIOL-111	General Biology I	3
BIOL-111L	General Biology I Lab	1
BIOL-112	General Biology II	3
BIOL-112L	General Biology II Lab	1
BIOL-230	Microbiology	3
BIOL-230L	Microbiology Lab	1
BIOL-261	Human Anatomy and Physiology I	3
BIOL-261L	Human Anatomy and Physiology I Lab	1
BIOL-262	Human Anatomy and Physiology II	3
BIOL-262L	Human Anatomy and Physiology II Lab	1
CBIO-230	Forests of Appalachia	4
ENVS-100	Introduction to Environmental Science	4

B. Physical Sciences

Choose **one** of the following:

4 credit hours

CHEM-100	Introduction to Chemistry	3
CHEM-100L	Introduction to Chemistry Lab	1
CHEM-111	General Chemistry I	3
CHEM-111L	General Chemistry I Lab	1
CHEM-112	General Chemistry II	3
CHEM-112L	General Chemistry II Lab	1
GEOG-120	Int Phy Geog: Planet Earth	3
GEOG-120L	Int Phy Geog: Planet Earth Lab	1
PHYS-100	Introduction to Physics	3
PHYS-100L	Intro to Physics Lab	1
PHYS-211	General Physics I	3
PHYS-211L	General Physics I Lab	1
PHYS-212	General Physics II	3
PHYS-212L	General Physics II Lab	1
PHYS-251	University Physics I	4
PHYS-251L	University Physics I Lab	1
PHYS-252	University Physics II	4
PHYS-252L	University Physics II Lab	1

***LMU requires all first-time freshmen students with less than 15 credits of college credit to complete UACT 100.**

Required Courses

Item #	Title	Credits
HIST-121	World History to 1500	3
HIST-122	World Hist Since 1500	3
HIST-131	American History to 1877	3
HIST-132	American Hist Since 1877	3
HIST-300	Introduction to Historical Studies	3
HIST-480	Historical Methods	3

Electives in History

Item #	Title	Credits
	6 credit hours must be in upper level American History	**6**
	6 credit hours must be in upper level European History	**6**
	3 credit hours must be in upper level non-US / non-European History	**3**
	3 credit hours of any HIST 300/400 level elective	**3**

Foreign Language Requirement for BA Degrees

Item #	Title	Credits
	General Education - Foreign Language	**6**
SPAN-111	Beginning Spanish I	3
SPAN-112	Beginning Spanish II	3

Additional Elective Requirements

Item #	Title	Credits
	Additional Elective Requirements for the BA in History - General Track	**45**

History (BA) with Teacher Licensure

Note: In addition to the requirements of the major program in History, students seeking secondary school teacher licensure in history should consult the chair of the department of undergraduate Education regarding licensure other requirements.

	Total Credits	122

BA in History - Public History Track

Field of Study
Bachelor of Arts

History Program Mission Statement

The History Program seeks to prepare students to understand the American past and the history of the world around them, to create a global awareness of the diverse people with whom they share the Earth, and to foster an awareness of how cultures have interacted to create world history. Moreover, the History Program is committed to training students to think in historical terms, to understand history from a humanities-based perspective, to appreciate historical methodology, and to become capable of critically processing and using historical information in their coursework and post-graduate careers.

The History Program's mission supports the university's effort to provide students with in-depth study of a field of knowledge. Through research and writing essays and papers, the program supports the University's effort to teach students effective communication, and its course content supports the University's goal of providing students with an understanding

of the development of human societies over time. The program's course offerings in the life and career of Abraham Lincoln serve as a cornerstone of the University's effort to highlight the president's premier role among American statesmen and the values he represented in its mission.

General Education

I. LMU Specific Courses

Item #	Title	Credits
UACT-100	Strategies for College Success	1
LNCN-100	Lincoln's Life and Legacy	1
CIVX-300	American Civics	2

II. Communication

Item #	Title	Credits
	2025 General Education - Communications	**9**
ENGL-101	Composition I	3
ENGL-102	Composition II	3
COMM-200	Fundamentals of Speech Communication	3

Bachelor of Arts students are required to take 6 hours of a foreign language in addition to the above courses.

III. Ethics, Fine Arts, History, or Humanities

Item #	Title	Credits
	2025 General Education - Fine Arts, Humanities, and Ethics (for Baccalaureate Degrees)	**6**

Fine Arts, Humanities, and Ethics

Choose **two** of the following (must have different prefixes, e.g. ART and GEOG):

ART-100	Art Appreciation	3
ART-381	Survey of Art History I	3
ART-382	Surv Art Hist II	3
BUSN-250	Social & Ethical Environment of Business	3
ENGL-240	Literary Forms	3
ENGL-250	Literary History and Culture	3
ENGL-350	Narrative, Healing and the Body	3
GEOG-350	Geography of Religion	3
MCOM-410	Media Law and Ethics	3
MUSC-100	Music Appreciation	3
MUSC-468	Survey of World Music	3
PHIL-100	The Meaning of Life	3
PHIL-200	Introduction to Philosophy	3
PHIL-210	Logic and Critical Thinking	3
PHIL-330	Ethics	3
PHIL-430	Medical Ethics	3
REL-210	Surv Old Testament	3
REL-220	Surv New Testament	3
REL-310	Comparative Religions	3
REL-315	Comparative Christianity	3
THEA-100	Intro to Theatre	3
THEA-340	Survey of Dramatic Literature	3

IV. Behavioral/Social Sciences

Item #	Title	Credits
	2025 General Education - Behavioral/Social Sciences (for Baccalaureate degree)	**3**
BUSN-380	Personal Finance	3
CRIM-105	Introduction to Criminal Justice	3
ECON-212	Principles of Microeconomics	3
ECON-213	Principles of Macroeconomics	3
GEOG-100	Introduction to Geography	3
GEOG-110	World Regional Geography	3
GEOG-211	Intro to Human Geography	3
GEOG-300	Environmental Geography	3
MCOM-270	Social Media Ethics and Culture	3
POLS-100	American Government: National	3
POLS-240	Intro to Political Ideas	3
POLS-250	Introduction to International Relations	3
PSYC-100	Introduction to Psychology	3
PSYC-221	Child and Adolescent Development	3
PSYC-222	Adult Development	3
SOCI-100	Introduction to Sociology	3

V. History

Item #	Title	Credits
	2025 General Education - History	**6**
HIST-121	World History to 1500	3
HIST-122	World Hist Since 1500	3
HIST-131	American History to 1877	3
HIST-132	American Hist Since 1877	3

VI. Mathematics

(*see* **Mathematics Placement**)

Item #	Title	Credits
	2025 General Education - Mathematics	**3**
Choose **one** course from the following:		
MATH-110	Reasoning and Problem Solving	3
MATH-115	College Algebra	3
MATH-120	Trigonometry	3
MATH-150	Calculus I	4

VII. Natural Sciences/Physical Sciences

Item #	Title	Credits
	2025 General Education - Natural/Physical Sciences - BA/BBA Degrees	**4**

A. Life Sciences

Choose **one** of the following courses and the corresponding lab:

4 credit hours

BIOL-100	Introduction to Biology	3
BIOL-100L	Introduction to Biology Lab	1
BIOL-111	General Biology I	3
BIOL-111L	General Biology I Lab	1
BIOL-112	General Biology II	3
BIOL-112L	General Biology II Lab	1
BIOL-230	Microbiology	3
BIOL-230L	Microbiology Lab	1
BIOL-261	Human Anatomy and Physiology I	3
BIOL-261L	Human Anatomy and Physiology I Lab	1
BIOL-262	Human Anatomy and Physiology II	3
BIOL-262L	Human Anatomy and Physiology II Lab	1
CBIO-230	Forests of Appalachia	4
ENVS-100	Introduction to Environmental Science	4

B. Physical Sciences

Choose **one** of the following:

4 credit hours

CHEM-100	Introduction to Chemistry	3
CHEM-100L	Introduction to Chemistry Lab	1
CHEM-111	General Chemistry I	3
CHEM-111L	General Chemistry I Lab	1
CHEM-112	General Chemistry II	3
CHEM-112L	General Chemistry II Lab	1
GEOG-120	Int Phy Geog: Planet Earth	3
GEOG-120L	Int Phy Geog: Planet Earth Lab	1
PHYS-100	Introduction to Physics	3
PHYS-100L	Intro to Physics Lab	1
PHYS-211	General Physics I	3
PHYS-211L	General Physics I Lab	1
PHYS-212	General Physics II	3
PHYS-212L	General Physics II Lab	1
PHYS-251	University Physics I	4
PHYS-251L	University Physics I Lab	1
PHYS-252	University Physics II	4
PHYS-252L	University Physics II Lab	1

***LMU requires all first-time freshmen students with less than 15 credits of college credit to complete UACT 100.**

Required Courses

Item #	Title	Credits
HIST-121	World History to 1500	3
HIST-122	World Hist Since 1500	3
HIST-131	American History to 1877	3
HIST-132	American Hist Since 1877	3
HIST-250	Introduction to Public History	3
HIST-300	Introduction to Historical Studies	3
HIST-393	Topics in Public History	3
HIST-394	Museum Studies	3
HIST-480	Historical Methods	3
HIST-498	Internship in Public History	1-3

Electives in History for the Public History Track

Choose two of the following courses.

Item #	Title	Credits
HIST-310	Colonial America	3
HIST-344	British History to 1688	3
HIST-345	British History Since 1688	3
HIST-370	History of Appalachia	3
HIST-420	Amer Frontier & West Expansion	3
HIST-470	American Civil War	3

Students are required to earn a "C-" or better in all courses applied to the major or minor field of study in History. Students must complete HIST 300 with the required grade in two attempts or less to continue in the History program.

Foreign Language Requirement for BA Degrees

Item #	Title	Credits
	General Education - Foreign Language	**6**
SPAN-111	Beginning Spanish I	3
SPAN-112	Beginning Spanish II	3

Additional Elective Requirements

Item #	Title	Credits
	Additional Elective Requirements for the BA in History - Public History Track	**47**
	Total Credits	122-124

BA in History Early Entry to Duncan School of Law

Field of Study

Bachelor of Arts

The BA in History Early Entry to Duncan School of Law is a combined degree completion pathway that allows students to complete their BA in Political Science in three years and if accepted, their JD in law upon finishing law school.

The maximum amount of double-counted credit hours for the Political Science (BA) Early Entry to Duncan School of Law is 31. LMU limits eligibility for this pathway to exceptional students who meet the enrollment criteria. Students are still required to meet the student learning outcomes (SLOs) for each program so the quality and integrity of both programs are not jeopardized.

General Education

I. LMU Specific Courses

Item #	Title	Credits
UACT-100	Strategies for College Success	1
LNCN-100	Lincoln's Life and Legacy	1
CIVX-300	American Civics	2

II. Communication

Item #	Title	Credits
	2025 General Education - Communications	**9**
ENGL-101	Composition I	3
ENGL-102	Composition II	3
COMM-200	Fundamentals of Speech Communication	3

Bachelor of Arts students are required to take 6 hours of a foreign language in addition to the above courses.

III. Ethics, Fine Arts, History, or Humanities

Item #	Title	Credits
	2025 General Education - Fine Arts, Humanities, and Ethics (for Baccalaureate Degrees)	**6**

Fine Arts, Humanities, and Ethics

Choose **two** of the following (must have different prefixes, e.g. ART and GEOG):

ART-100	Art Appreciation	3
ART-381	Survey of Art History I	3
ART-382	Surv Art Hist II	3
BUSN-250	Social & Ethical Environment of Business	3
ENGL-240	Literary Forms	3
ENGL-250	Literary History and Culture	3
ENGL-350	Narrative, Healing and the Body	3
GEOG-350	Geography of Religion	3
MCOM-410	Media Law and Ethics	3
MUSC-100	Music Appreciation	3
MUSC-468	Survey of World Music	3
PHIL-100	The Meaning of Life	3
PHIL-200	Introduction to Philosophy	3
PHIL-210	Logic and Critical Thinking	3
PHIL-330	Ethics	3
PHIL-430	Medical Ethics	3
REL-210	Surv Old Testament	3
REL-220	Surv New Testament	3
REL-310	Comparative Religions	3
REL-315	Comparative Christianity	3
THEA-100	Intro to Theatre	3
THEA-340	Survey of Dramatic Literature	3

IV. Behavioral/Social Sciences

Item #	Title	Credits
	2025 General Education - Behavioral/Social Sciences (for Baccalaureate degree)	**3**
BUSN-380	Personal Finance	3
CRIM-105	Introduction to Criminal Justice	3
ECON-212	Principles of Microeconomics	3
ECON-213	Principles of Macroeconomics	3
GEOG-100	Introduction to Geography	3
GEOG-110	World Regional Geography	3
GEOG-211	Intro to Human Geography	3
GEOG-300	Environmental Geography	3
MCOM-270	Social Media Ethics and Culture	3
POLS-100	American Government: National	3
POLS-240	Intro to Political Ideas	3
POLS-250	Introduction to International Relations	3
PSYC-100	Introduction to Psychology	3
PSYC-221	Child and Adolescent Development	3
PSYC-222	Adult Development	3
SOCI-100	Introduction to Sociology	3

V. History

Item #	Title	Credits
	2025 General Education - History	**6**
HIST-121	World History to 1500	3
HIST-122	World Hist Since 1500	3
HIST-131	American History to 1877	3
HIST-132	American Hist Since 1877	3

VI. Mathematics

(*see* **Mathematics Placement**)

Item #	Title	Credits
	2025 General Education - Mathematics	**3**
Choose **one** course from the following:		
MATH-110	Reasoning and Problem Solving	3
MATH-115	College Algebra	3
MATH-120	Trigonometry	3
MATH-150	Calculus I	4

VII. Natural Sciences/Physical Sciences

Item #	Title	Credits
	2025 General Education - Natural/Physical Sciences - BA/BBA Degrees	**4**

A. Life Sciences

Choose **one** of the following courses and the corresponding lab:

4 credit hours

BIOL-100	Introduction to Biology	3
BIOL-100L	Introduction to Biology Lab	1
BIOL-111	General Biology I	3
BIOL-111L	General Biology I Lab	1
BIOL-112	General Biology II	3
BIOL-112L	General Biology II Lab	1
BIOL-230	Microbiology	3
BIOL-230L	Microbiology Lab	1
BIOL-261	Human Anatomy and Physiology I	3
BIOL-261L	Human Anatomy and Physiology I Lab	1
BIOL-262	Human Anatomy and Physiology II	3
BIOL-262L	Human Anatomy and Physiology II Lab	1
CBIO-230	Forests of Appalachia	4
ENVS-100	Introduction to Environmental Science	4

B. Physical Sciences

Choose **one** of the following:

4 credit hours

CHEM-100	Introduction to Chemistry	3
CHEM-100L	Introduction to Chemistry Lab	1
CHEM-111	General Chemistry I	3
CHEM-111L	General Chemistry I Lab	1
CHEM-112	General Chemistry II	3
CHEM-112L	General Chemistry II Lab	1
GEOG-120	Int Phy Geog: Planet Earth	3
GEOG-120L	Int Phy Geog: Planet Earth Lab	1
PHYS-100	Introduction to Physics	3
PHYS-100L	Intro to Physics Lab	1
PHYS-211	General Physics I	3
PHYS-211L	General Physics I Lab	1
PHYS-212	General Physics II	3
PHYS-212L	General Physics II Lab	1
PHYS-251	University Physics I	4
PHYS-251L	University Physics I Lab	1
PHYS-252	University Physics II	4
PHYS-252L	University Physics II Lab	1

***LMU requires all first-time freshmen students with less than 15 credits of college credit to complete UACT 100.**

Foreign Language Requirement for BA Degrees

Item #	Title	Credits
	General Education - Foreign Language	**6**
SPAN-111	Beginning Spanish I	3
SPAN-112	Beginning Spanish II	3

Collateral Requirement: Pre-law Seminar

Item #	Title	Credits
UACT-295	Pre-Law Seminar	1

The History Major
Required Courses for the History and Duncan School of Law Combined Pathway

Item #	Title	Credits
HIST-121	World History to 1500	3
HIST-122	World Hist Since 1500	3
HIST-131	American History to 1877	3
HIST-132	American Hist Since 1877	3
HIST-300	Introduction to Historical Studies	3
HIST-424	Early Western Legal Tradition	3
HIST-434	Hist of the U.S. Constitution	3
HIST-480	Historical Methods	3

Upper-Level Required and Elective Courses for the History and Duncan School of Law Combined Pathway

Item #	Title	Credits
	3 credit hours must be in any other upper level US History (History and Duncan School of Law Combined Pathway)	**3**
	3 credit hours must be in any other upper level European History (History and Duncan School of Law Combined Pathway)	**3**
	3 credit hours must be in upper level non-US / non-European History	**3**
	3 credit hours of any HIST 300/400 level elective	**3**

Additional Elective Requirements for the History and Duncan School of Law Combined Pathway

Item #	Title	Credits
	Additional Elective Requirements for the History and Duncan School of Law Combined Pathway	**13**

For this combined degree pathway, students must take at least thirteen (13) semester credit hours of free elective courses.

The Duncan School of Law

Fall

Fourth Year Fall Classes at the Duncan School of Law	
Class	**Credit Hours**
LAW 1005 Legal Foundations	1
LAW 1011 Civil Procedure I	3
LAW 1021 Contracts & Sales I	3
LAW 1041 Torts I	3
LAW 1051 Legal Research I	1
LAW 1052 Legal Communication I	2
LAW 1061 Criminal Law I	3
Total	16

Spring

Fourth Year Spring Classes at the Duncan School of Law	
Class	**Credit Hours**
LAW-1008 The Successful Lawyer	2
LAW-1012 Civil Procedure II	3
LAW-1031 Property I	3
LAW-1042 Torts II	3
LAW-1053 Legal Research II	1
LAW-1054 Legal Communication II	3
Total	15

Total for the Fourth Year: 31 credit hours

	Total Credits	122

Minor in Appalachian Studies

Field of Study

Minor

Course Options

Choose at least fifteen (15) credit hours of classes from the following list.

HIST 498 - The student must complete this internship through an Appalachia-based site or partner. The Appalachian Studies Director must approve the internship.

Item #	Title	Credits
ART-400	Appalachian Art	3
HIST-370	History of Appalachia	3
GEOG-440	Geography of Appalachia	3
MUSC-350	Appalachian Music	3
CBIO-230	Forests of Appalachia	4
HIST-498	Internship in Public History	1-3
	Appalachian Studies Elective	**3**
	Total Credits	15

Minor in Geography

Field of Study
Minor

Required Courses

Select eighteen (18) credit hours from the following:

Item #	Title	Credits
GEOG-100	Introduction to Geography	3
GEOG-110	World Regional Geography	3
GEOG-120	Int Phy Geog: Planet Earth	3
GEOG-211	Intro to Human Geography	3
GEOG-300	Environmental Geography	3
GEOG-350	Geography of Religion	3
GEOG-440	Geography of Appalachia	3
GEOG-498	Internship	1-3
	Total Credits	18

Minor in History

Field of Study
Minor

Required Courses

Item #	Title	Credits
HIST-121	World History to 1500	3
HIST-122	World Hist Since 1500	3
HIST-131	American History to 1877	3
HIST-132	American Hist Since 1877	3

Elective in History

Item #	Title	Credits
	Choose two (2) 300 or 400 level History classes	**6**
	Total Credits	18

Minor in Philosophy

Field of Study
Minor

Required Courses

Item #	Title	Credits
PHIL-200	Introduction to Philosophy	3
PHIL-210	Logic and Critical Thinking	3
PHIL-330	Ethics	3

Choose Two of the Following Courses

Item #	Title	Credits
PHIL-311	Ancient & Medieval Philosophy	3
PHIL-312	Modern & Contemporary Philosophy	3
PHIL-340	Philosophy of Religion	3
	Total Credits	15

Minor in Religion

Field of Study
Minor

Required Courses

Item #	Title	Credits
REL-310	Comparative Religions	3
PHIL-340	Philosophy of Religion	3
GEOG-350	Geography of Religion	3

Choose two of the following:

Item #	Title	Credits
REL-210	Surv Old Testament	3
REL-220	Surv New Testament	3
REL-315	Comparative Christianity	3
REL-325	Religion in America	3
	Total Credits	15

Department of Literature and Language

Mission Statement

The Department of Literature and Language commits to graduate well-read, articulate students who are capable of scholarly research; who understand literature contextually, internally, and experientially; and whose studies in the program make them suitable for teaching or further studies in English, law, or corporate training.

Department Passing Grade Policy

All major and minor courses of study in the Department of Literature and Language require a minimum grade for credit. All courses in the major and minor cores and major and minor electives will require the attainment of a C- or higher to count for credit towards graduation. Any student who has not achieved a C- or higher will need to re-take the course. Students should speak with the department chair about any additional questions or concerns.

BA in English

Field of Study
Bachelor of Arts

General Education

I. LMU Specific Courses

Item #	Title	Credits
UACT-100	Strategies for College Success	1
LNCN-100	Lincoln's Life and Legacy	1
CIVX-300	American Civics	2

II. Communication

Item #	Title	Credits
	2025 General Education - Communications	**9**
ENGL-101	Composition I	3
ENGL-102	Composition II	3
COMM-200	Fundamentals of Speech Communication	3

Bachelor of Arts students are required to take 6 hours of a foreign language in addition to the above courses.

III. Ethics, Fine Arts, History, or Humanities

1. Choose either ENGL 240 or ENGL 250.

2. Choose any other course listed for this option with a different prefix than ENGL.

Item #	Title	Credits
	ENGL-240 or ENGL-250	**3**
ENGL-240	Literary Forms	3
ENGL-250	Literary History and Culture	3
	General Education - Ethics, Fine Arts, Humanities	**3**
PHIL-430	Medical Ethics	3
REL-210	Surv Old Testament	3
REL-220	Surv New Testament	3
REL-310	Comparative Religions	3
REL-315	Comparative Christianity	3
GEOG-350	Geography of Religion	3
PHIL-100	The Meaning of Life	3
PHIL-200	Introduction to Philosophy	3
PHIL-330	Ethics	3
MUSC-100	Music Appreciation	3
MUSC-468	Survey of World Music	3
MCOM-410	Media Law and Ethics	3
THEA-100	Intro to Theatre	3
THEA-340	Survey of Dramatic Literature	3
BUSN-250	Social & Ethical Environment of Business	3
ART-100	Art Appreciation	3
ART-381	Survey of Art History I	3
ART-382	Surv Art Hist II	3

IV. Behavioral/Social Sciences

Item #	Title	Credits
	2025 General Education - Behavioral/Social Sciences (for Baccalaureate degree)	**3**
BUSN-380	Personal Finance	3
CRIM-105	Introduction to Criminal Justice	3
ECON-212	Principles of Microeconomics	3
ECON-213	Principles of Macroeconomics	3
GEOG-100	Introduction to Geography	3
GEOG-110	World Regional Geography	3
GEOG-211	Intro to Human Geography	3
GEOG-300	Environmental Geography	3
MCOM-270	Social Media Ethics and Culture	3
POLS-100	American Government: National	3
POLS-240	Intro to Political Ideas	3
POLS-250	Introduction to International Relations	3
PSYC-100	Introduction to Psychology	3
PSYC-221	Child and Adolescent Development	3
PSYC-222	Adult Development	3
SOCI-100	Introduction to Sociology	3

V. History

Item #	Title	Credits
	2025 General Education - History	**6**
HIST-121	World History to 1500	3
HIST-122	World Hist Since 1500	3
HIST-131	American History to 1877	3
HIST-132	American Hist Since 1877	3

VI. Mathematics

(*see* **Mathematics Placement**)

Item #	Title	Credits
	2025 General Education - Mathematics	**3**
Choose **one** course from the following:		
MATH-110	Reasoning and Problem Solving	3
MATH-115	College Algebra	3
MATH-120	Trigonometry	3
MATH-150	Calculus I	4

VII. Natural Sciences/Physical Sciences

Item #	Title	Credits
	2025 General Education - Natural/Physical Sciences - BA/BBA Degrees	**4**

A. Life Sciences

Choose **one** of the following courses and the corresponding lab:

4 credit hours

BIOL-100	Introduction to Biology	3
BIOL-100L	Introduction to Biology Lab	1
BIOL-111	General Biology I	3
BIOL-111L	General Biology I Lab	1
BIOL-112	General Biology II	3
BIOL-112L	General Biology II Lab	1
BIOL-230	Microbiology	3
BIOL-230L	Microbiology Lab	1
BIOL-261	Human Anatomy and Physiology I	3
BIOL-261L	Human Anatomy and Physiology I Lab	1
BIOL-262	Human Anatomy and Physiology II	3
BIOL-262L	Human Anatomy and Physiology II Lab	1
CBIO-230	Forests of Appalachia	4
ENVS-100	Introduction to Environmental Science	4

B. Physical Sciences

Choose **one** of the following:

4 credit hours

CHEM-100	Introduction to Chemistry	3
CHEM-100L	Introduction to Chemistry Lab	1
CHEM-111	General Chemistry I	3
CHEM-111L	General Chemistry I Lab	1
CHEM-112	General Chemistry II	3
CHEM-112L	General Chemistry II Lab	1
GEOG-120	Int Phy Geog: Planet Earth	3
GEOG-120L	Int Phy Geog: Planet Earth Lab	1
PHYS-100	Introduction to Physics	3
PHYS-100L	Intro to Physics Lab	1
PHYS-211	General Physics I	3
PHYS-211L	General Physics I Lab	1
PHYS-212	General Physics II	3
PHYS-212L	General Physics II Lab	1
PHYS-251	University Physics I	4
PHYS-251L	University Physics I Lab	1
PHYS-252	University Physics II	4
PHYS-252L	University Physics II Lab	1

***LMU requires all first-time freshmen students with less than 15 credits of college credit to complete UACT 100.**

I. English Major Program Core: 300-level Classes

Take all of the following for 300-level credit.

Item #	Title	Credits
ENGL-300	Literary Research & Criticism	3
ENGL-311	Topics in British Literature I	3
ENGL-312	Topics in British Literature II	3
ENGL-321	Topics in American Literature I	3
ENGL-322	Topics in American Literature II	3

II. English Major Program Core: 400-level Classes

Take any two of the following for 400-level core credit (repeatable with different subtitles):

Item #	Title	Credits
ENGL-433	Literary Periods	3
ENGL-443	Literary Genres	3

III. English Major Program Electives (12 Credit Hours)

Choose four of the following classes (ENGL 360 and ENGL 410 are required courses for English Majors who are seeking teacher licensure):

Item #	Title	Credits
ENGL-313	Topics in Diverse Literatures	3
ENGL-320	Topics in Children's and Young Adult Literature	3
ENGL-330	Topics in Diverse Literatures	3
ENGL-333	Children's Book Writing	3
ENGL-350	Narrative, Healing and the Body	3
ENGL-360	The English Language	3
ENGL-363	Fiction Writing	3
ENGL-373	Poetry Writing	3
ENGL-383	Creative Nonfiction	3
ENGL-384	Workplace Writing	3
ENGL-410	Shakespeare	3
ENGL-420	Modern & Contemporary Literature	3
ENGL-433	Literary Periods	3
ENGL-443	Literary Genres	3
ENGL-453	Advanced Creative Writing	3
ENGL-498	Creative Writing Internship	3

ENGL 333, 363, 373, 383, 384, 453: A maximum of six credit hours of writing courses may be counted toward the B.A. in English.

Up to six credit hours at the 200 level from another institution may count toward the B. A. Major Program in English. Up to six credit hours of writing courses may count concurrently toward the B.A. in English and the Writing Minor.

Note: Students are required to earn a "C-" or better in all courses applied to the major or minor field of study in English.

Foreign Language Requirement for BA Degrees

Item #	Title	Credits
	General Education - Foreign Language	**6**
SPAN-111	Beginning Spanish I	3
SPAN-112	Beginning Spanish II	3

Additional Elective Requirements

Item #	Title	Credits
	Additional Elective Requirements for the BA in English	**48**
	Total Credits	122

BA in English Early Entry to Duncan School of Law

Field of Study

Bachelor of Arts

The BA in English Early Entry to Duncan School of Law is a combined degree completion pathway that allows students to complete their BA in Political Science in three years and if accepted, their JD in law upon finishing law school.

The maximum amount of double-counted credit hours for the Political Science (BA) Early Entry to Duncan School of Law is 31. LMU limits eligibility for this pathway to exceptional students who meet the enrollment criteria. Students are still required to meet the student learning outcomes (SLOs) for each program so the quality and integrity of both programs are not jeopardized.

General Education

I. LMU Specific Courses

Item #	Title	Credits
UACT-100	Strategies for College Success	1
LNCN-100	Lincoln's Life and Legacy	1
CIVX-300	American Civics	2

II. Communication

Item #	Title	Credits
	2025 General Education - Communications	**9**
ENGL-101	Composition I	3
ENGL-102	Composition II	3
COMM-200	Fundamentals of Speech Communication	3

Bachelor of Arts students are required to take 6 hours of a foreign language in addition to the above courses.

III. Ethics, Fine Arts, History, or Humanities

1. Choose either ENGL 240 or ENGL 250.

2. Choose any other course listed for this option with a different prefix than ENGL.

Item #	Title	Credits
	ENGL-240 or ENGL-250	**3**
ENGL-240	Literary Forms	3
ENGL-250	Literary History and Culture	3
	General Education - Ethics, Fine Arts, Humanities	**3**
PHIL-430	Medical Ethics	3
REL-210	Surv Old Testament	3
REL-220	Surv New Testament	3
REL-310	Comparative Religions	3
REL-315	Comparative Christianity	3
GEOG-350	Geography of Religion	3
PHIL-100	The Meaning of Life	3
PHIL-200	Introduction to Philosophy	3
PHIL-330	Ethics	3
MUSC-100	Music Appreciation	3
MUSC-468	Survey of World Music	3
MCOM-410	Media Law and Ethics	3
THEA-100	Intro to Theatre	3
THEA-340	Survey of Dramatic Literature	3
BUSN-250	Social & Ethical Environment of Business	3
ART-100	Art Appreciation	3
ART-381	Survey of Art History I	3
ART-382	Surv Art Hist II	3

IV. Behavioral/Social Sciences

Item #	Title	Credits
	2025 General Education - Behavioral/Social Sciences (for Baccalaureate degree)	**3**
BUSN-380	Personal Finance	3
CRIM-105	Introduction to Criminal Justice	3
ECON-212	Principles of Microeconomics	3
ECON-213	Principles of Macroeconomics	3
GEOG-100	Introduction to Geography	3
GEOG-110	World Regional Geography	3
GEOG-211	Intro to Human Geography	3
GEOG-300	Environmental Geography	3
MCOM-270	Social Media Ethics and Culture	3
POLS-100	American Government: National	3
POLS-240	Intro to Political Ideas	3
POLS-250	Introduction to International Relations	3
PSYC-100	Introduction to Psychology	3
PSYC-221	Child and Adolescent Development	3
PSYC-222	Adult Development	3
SOCI-100	Introduction to Sociology	3

V. History

Item #	Title	Credits
	2025 General Education - History	**6**
HIST-121	World History to 1500	3
HIST-122	World Hist Since 1500	3
HIST-131	American History to 1877	3
HIST-132	American Hist Since 1877	3

VI. Mathematics

(*see* **Mathematics Placement**)

Item #	Title	Credits
	2025 General Education - Mathematics	**3**
Choose **one** course from the following:		
MATH-110	Reasoning and Problem Solving	3
MATH-115	College Algebra	3
MATH-120	Trigonometry	3
MATH-150	Calculus I	4

VII. Natural Sciences/Physical Sciences

Item #	Title	Credits
	2025 General Education - Natural/Physical Sciences - BA/BBA Degrees	**4**

A. Life Sciences

Choose **one** of the following courses and the corresponding lab:

4 credit hours

BIOL-100	Introduction to Biology	3
BIOL-100L	Introduction to Biology Lab	1
BIOL-111	General Biology I	3
BIOL-111L	General Biology I Lab	1
BIOL-112	General Biology II	3
BIOL-112L	General Biology II Lab	1
BIOL-230	Microbiology	3
BIOL-230L	Microbiology Lab	1
BIOL-261	Human Anatomy and Physiology I	3
BIOL-261L	Human Anatomy and Physiology I Lab	1
BIOL-262	Human Anatomy and Physiology II	3
BIOL-262L	Human Anatomy and Physiology II Lab	1
CBIO-230	Forests of Appalachia	4
ENVS-100	Introduction to Environmental Science	4

B. Physical Sciences

Choose **one** of the following:

4 credit hours

CHEM-100	Introduction to Chemistry	3
CHEM-100L	Introduction to Chemistry Lab	1
CHEM-111	General Chemistry I	3
CHEM-111L	General Chemistry I Lab	1
CHEM-112	General Chemistry II	3
CHEM-112L	General Chemistry II Lab	1
GEOG-120	Int Phy Geog: Planet Earth	3
GEOG-120L	Int Phy Geog: Planet Earth Lab	1
PHYS-100	Introduction to Physics	3
PHYS-100L	Intro to Physics Lab	1
PHYS-211	General Physics I	3
PHYS-211L	General Physics I Lab	1
PHYS-212	General Physics II	3
PHYS-212L	General Physics II Lab	1
PHYS-251	University Physics I	4
PHYS-251L	University Physics I Lab	1
PHYS-252	University Physics II	4
PHYS-252L	University Physics II Lab	1

***LMU requires all first-time freshmen students with less than 15 credits of college credit to complete UACT 100.**

I. English Major Program Core: 300-level Classes

Take all of the following for 300-level credit.

Item #	Title	Credits
ENGL-300	Literary Research & Criticism	3
ENGL-311	Topics in British Literature I	3
ENGL-312	Topics in British Literature II	3
ENGL-321	Topics in American Literature I	3
ENGL-322	Topics in American Literature II	3

II. English Major Program Core: 400-level Classes

Take any two of the following for 400-level core credit (repeatable with different subtitles):

Item #	Title	Credits
ENGL-433	Literary Periods	3
ENGL-443	Literary Genres	3

III. English Major Program Electives (12 Credit Hours)

Choose four of the following classes (ENGL 360 and ENGL 410 are required courses for English Majors who are seeking teacher licensure):

Item #	Title	Credits
ENGL-313	Topics in Diverse Literatures	3
ENGL-320	Topics in Children's and Young Adult Literature	3
ENGL-330	Topics in Diverse Literatures	3
ENGL-333	Children's Book Writing	3
ENGL-350	Narrative, Healing and the Body	3
ENGL-360	The English Language	3
ENGL-363	Fiction Writing	3
ENGL-373	Poetry Writing	3
ENGL-383	Creative Nonfiction	3
ENGL-384	Workplace Writing	3
ENGL-410	Shakespeare	3
ENGL-420	Modern & Contemporary Literature	3
ENGL-433	Literary Periods	3
ENGL-443	Literary Genres	3
ENGL-453	Advanced Creative Writing	3
ENGL-498	Creative Writing Internship	3

ENGL 333, 363, 373, 383, 384, 453: A maximum of six credit hours of writing courses may be counted toward the B.A. in English.

Up to six credit hours at the 200 level from another institution may count toward the B. A. Major Program in English. Up to six credit hours of writing courses may count concurrently toward the B.A. in English and the Writing Minor.

Note: Students are required to earn a "C-" or better in all courses applied to the major or minor field of study in English.

Additional Elective Requirements for the English and Duncan School of Law Combined Pathway

Item #	Title	Credits
	Additional Elective Requirements for the English and Duncan School of Law Combined Pathway	**16**

Foreign Language Requirement for BA Degrees

Item #	Title	Credits
	General Education - Foreign Language	**6**
SPAN-111	Beginning Spanish I	3
SPAN-112	Beginning Spanish II	3

Collateral Requirement: Pre-law Seminar

Item #	Title	Credits
UACT-295	Pre-Law Seminar	1

Duncan School of Law

Fall

Fourth Year Fall Classes at the Duncan School of Law

Class	Credit Hours
LAW 1005 Legal Foundations	1
LAW 1011 Civil Procedure I	3
LAW 1021 Contracts & Sales I	3
LAW 1041 Torts I	3
LAW 1051 Legal Research I	1
LAW 1052 Legal Communication I	2
LAW 1061 Criminal Law I	3
Total	16

Spring

Fourth Year Spring Classes at the Duncan School of Law

Class	Credit Hours
LAW-1008 The Successful Lawyer	2
LAW-1012 Civil Procedure II	3
LAW-1031 Property I	3
LAW-1042 Torts II	3
LAW-1053 Legal Research II	1
LAW-1054 Legal Communication II	3
Total	15

Total for the Fourth Year: 31 credit hours

	Total Credits	122

English Minor in Writing

Field of Study

Minor

Required Courses

Fifteen credits from the following (453 may be repeated for credit):

Item #	Title	Credits
ENGL-333	Children's Book Writing	3
ENGL-363	Fiction Writing	3
ENGL-373	Poetry Writing	3
ENGL-383	Creative Nonfiction	3
ENGL-384	Workplace Writing	3
ENGL-453	Advanced Creative Writing	3
ENGL-498	Creative Writing Internship	3
THEA-360	Introduction to Playwriting	3

Note: Six credits of writing classes may also be counted toward the major.

	Total Credits	15

Minor in English Literature

Field of Study
Minor

Required Courses

Fifteen credits from the following (ENGL 433 and 443 may be repeated for credit):

Item #	Title	Credits
ENGL-300	Literary Research & Criticism	3
ENGL-311	Topics in British Literature I	3
ENGL-312	Topics in British Literature II	3
ENGL-320	Topics in Children's Literature	3
ENGL-321	Topics in American Literature I	3
ENGL-322	Topics in American Literature II	3
ENGL-330	Topics in Diverse Literatures	3
ENGL-350	Narrative, Healing and the Body	3
ENGL-360	The English Language	3
ENGL-410	Shakespeare	3
ENGL-420	Modern & Contemporary Literature	3
ENGL-433	Literary Periods	3
ENGL-443	Literary Genres	3
	Total Credits	15

Department of Social Sciences

Mission Statement

The Department of Social Sciences is committed to providing quality educational opportunities that incorporate a balanced emphasis on theory, research, practice, community service, social justice, and personal growth.

The Department of Social Sciences contributes to the general education and development of students, prepares students for entry level careers, and provides solid foundation for graduate study. The department offers major programs in criminal justice, political science, and psychology, and minor fields of study in criminal justice, political science, and psychology. Students must earn a grade of "C-" or better in courses applied to major programs in the department of Social Sciences. A student will not be allowed to continue in a major program in the department of Social Sciences after making below a "C" in three major required courses, with the understanding that a student can repeat a major required course only once.

BA in Political Science

Field of Study
Bachelor of Arts

The Political Science major examines American political institutions, constitutional law, the dynamics of international politics, and the perennial normative questions of political life. The Political Science major provides students with a wider range of employment opportunities and prepares them for entering law and other professional schools and graduate programs. Political Science is a gateway into federal and state government employment and many degree recipients move into the workforce of large institutions such as healthcare systems, education, transportation, state and local governments and nongovernmental organizations (NGOs).

General Education

I. LMU Specific Courses

Item #	Title	Credits
UACT-100	Strategies for College Success	1
LNCN-100	Lincoln's Life and Legacy	1
CIVX-300	American Civics	2

II. Communication

Item #	Title	Credits
	2025 General Education - Communications	**9**
ENGL-101	Composition I	3
ENGL-102	Composition II	3
COMM-200	Fundamentals of Speech Communication	3

Bachelor of Arts students are required to take 6 hours of a foreign language in addition to the above courses.

III. Ethics, Fine Arts, History, or Humanities

Item #	Title	Credits
	2025 General Education - Fine Arts, Humanities, and Ethics (for Baccalaureate Degrees)	**6**

Fine Arts, Humanities, and Ethics

Choose **two** of the following (must have different prefixes, e.g. ART and GEOG):

ART-100	Art Appreciation	3
ART-381	Survey of Art History I	3
ART-382	Surv Art Hist II	3
BUSN-250	Social & Ethical Environment of Business	3
ENGL-240	Literary Forms	3
ENGL-250	Literary History and Culture	3
ENGL-350	Narrative, Healing and the Body	3
GEOG-350	Geography of Religion	3
MCOM-410	Media Law and Ethics	3
MUSC-100	Music Appreciation	3
MUSC-468	Survey of World Music	3
PHIL-100	The Meaning of Life	3
PHIL-200	Introduction to Philosophy	3
PHIL-210	Logic and Critical Thinking	3
PHIL-330	Ethics	3
PHIL-430	Medical Ethics	3
REL-210	Surv Old Testament	3
REL-220	Surv New Testament	3
REL-310	Comparative Religions	3
REL-315	Comparative Christianity	3
THEA-100	Intro to Theatre	3
THEA-340	Survey of Dramatic Literature	3

IV. Behavioral/Social Sciences

Item #	Title	Credits
POLS-100	American Government: National	3

V. History

Item #	Title	Credits
	2025 General Education - History	**6**
HIST-121	World History to 1500	3
HIST-122	World Hist Since 1500	3
HIST-131	American History to 1877	3
HIST-132	American Hist Since 1877	3

VI. Mathematics

(*see* **Mathematics Placement**)

Item #	Title	Credits
	2025 General Education - Mathematics	**3**

Choose **one** course from the following:

MATH-110	Reasoning and Problem Solving	3
MATH-115	College Algebra	3
MATH-120	Trigonometry	3
MATH-150	Calculus I	4

VII. Natural Sciences/Physical Sciences

Item #	Title	Credits
	2025 General Education - Natural/Physical Sciences - BA/BBA Degrees	**4**

A. Life Sciences

Choose **one** of the following courses and the corresponding lab:

4 credit hours

BIOL-100	Introduction to Biology	3
BIOL-100L	Introduction to Biology Lab	1
BIOL-111	General Biology I	3
BIOL-111L	General Biology I Lab	1
BIOL-112	General Biology II	3
BIOL-112L	General Biology II Lab	1
BIOL-230	Microbiology	3
BIOL-230L	Microbiology Lab	1
BIOL-261	Human Anatomy and Physiology I	3
BIOL-261L	Human Anatomy and Physiology I Lab	1
BIOL-262	Human Anatomy and Physiology II	3
BIOL-262L	Human Anatomy and Physiology II Lab	1
CBIO-230	Forests of Appalachia	4
ENVS-100	Introduction to Environmental Science	4

B. Physical Sciences

Choose **one** of the following:

4 credit hours

CHEM-100	Introduction to Chemistry	3
CHEM-100L	Introduction to Chemistry Lab	1
CHEM-111	General Chemistry I	3
CHEM-111L	General Chemistry I Lab	1
CHEM-112	General Chemistry II	3
CHEM-112L	General Chemistry II Lab	1
GEOG-120	Int Phy Geog: Planet Earth	3
GEOG-120L	Int Phy Geog: Planet Earth Lab	1
PHYS-100	Introduction to Physics	3
PHYS-100L	Intro to Physics Lab	1
PHYS-211	General Physics I	3
PHYS-211L	General Physics I Lab	1
PHYS-212	General Physics II	3
PHYS-212L	General Physics II Lab	1
PHYS-251	University Physics I	4
PHYS-251L	University Physics I Lab	1
PHYS-252	University Physics II	4
PHYS-252L	University Physics II Lab	1

***LMU requires all first-time freshmen students with less than 15 credits of college credit to complete UACT 100.**

The Political Science Major

Required Courses

Item #	Title	Credits
POLS-100	American Government: National	3
POLS-220	Intro to Public Administration	3
POLS-240	Intro to Political Ideas	3
POLS-250	Introduction to International Relations	3
POLS-325	State & Local Government	3
POLS-497	Political Science Seminar	3

Collateral Requirement: ENGL 240/250

Item #	Title	Credits
	ENGL-240 or ENGL-250	**3**
ENGL-240	Literary Forms	3
ENGL-250	Literary History and Culture	3

Collateral Requirement: Statistics

Item #	Title	Credits
CRIM-280	Statistics	3

Political Science Electives

Choose four of the following courses:

Item #	Title	Credits
POLS-320	Comparative Politics	3
POLS-322	Introduction to Public Policy	3
POLS-324	Law and the Judicial System	3
POLS-331	Introduction to Constitutional Law	3
POLS-332	Politics & Legislative Process	3
POLS-335	The Presidency	3
POLS-350	American Foreign & Security Policy	3
POLS-441	Liberal Democracy & Its Critics	3
POLS-498	Internship	3

Foreign Language Requirement

Item #	Title	Credits
	General Education - Foreign Language	**6**
SPAN-111	Beginning Spanish I	3
SPAN-112	Beginning Spanish II	3

Additional Elective Requirements

Item #	Title	Credits
	Additional Elective Requirements for the BA in Political Science	**45**
	Total Credits	122

BA in Political Science Early Entry to Duncan School of Law

Field of Study

Bachelor of Arts

The BA in Political Science Early Entry to Duncan School of Law is a combined degree completion pathway that allows students to complete their BA in Political Science in three years and if accepted, their JD in law upon finishing law school.

The maximum amount of double-counted credit hours for the Political Science (BA) Early Entry to Duncan School of Law is 31. LMU limits eligibility for this pathway to exceptional students who meet the enrollment criteria. Students are still required to meet the student learning outcomes (SLOs) for each program so the quality and integrity of both programs are not jeopardized.

General Education

I. LMU Specific Courses

Item #	Title	Credits
UACT-100	Strategies for College Success	1
LNCN-100	Lincoln's Life and Legacy	1
CIVX-300	American Civics	2

II. Communication

Item #	Title	Credits
	2025 General Education - Communications	**9**
ENGL-101	Composition I	3
ENGL-102	Composition II	3
COMM-200	Fundamentals of Speech Communication	3

Bachelor of Arts students are required to take 6 hours of a foreign language in addition to the above courses.

III. Ethics, Fine Arts, History, or Humanities

Item #	Title	Credits
	2025 General Education - Fine Arts, Humanities, and Ethics (for Baccalaureate Degrees)	**6**

Fine Arts, Humanities, and Ethics

Choose **two** of the following (must have different prefixes, e.g. ART and GEOG):

ART-100	Art Appreciation	3
ART-381	Survey of Art History I	3
ART-382	Surv Art Hist II	3
BUSN-250	Social & Ethical Environment of Business	3
ENGL-240	Literary Forms	3
ENGL-250	Literary History and Culture	3
ENGL-350	Narrative, Healing and the Body	3
GEOG-350	Geography of Religion	3
MCOM-410	Media Law and Ethics	3
MUSC-100	Music Appreciation	3
MUSC-468	Survey of World Music	3
PHIL-100	The Meaning of Life	3
PHIL-200	Introduction to Philosophy	3
PHIL-210	Logic and Critical Thinking	3
PHIL-330	Ethics	3
PHIL-430	Medical Ethics	3
REL-210	Surv Old Testament	3
REL-220	Surv New Testament	3
REL-310	Comparative Religions	3
REL-315	Comparative Christianity	3
THEA-100	Intro to Theatre	3
THEA-340	Survey of Dramatic Literature	3

IV. Behavioral/Social Sciences

Item #	Title	Credits
POLS-100	American Government: National	3

V. History

Item #	Title	Credits
	2025 General Education - History	**6**
HIST-121	World History to 1500	3
HIST-122	World Hist Since 1500	3
HIST-131	American History to 1877	3
HIST-132	American Hist Since 1877	3

VI. Mathematics

(*see* **Mathematics Placement**)

Item #	Title	Credits
	2025 General Education - Mathematics	**3**

Choose **one** course from the following:

MATH-110	Reasoning and Problem Solving	3
MATH-115	College Algebra	3
MATH-120	Trigonometry	3
MATH-150	Calculus I	4

VII. Natural Sciences/Physical Sciences

Item #	Title	Credits
	2025 General Education - Natural/Physical Sciences - BA/BBA Degrees	**4**

A. Life Sciences

Choose **one** of the following courses and the corresponding lab:

4 credit hours

BIOL-100	Introduction to Biology	3
BIOL-100L	Introduction to Biology Lab	1
BIOL-111	General Biology I	3
BIOL-111L	General Biology I Lab	1
BIOL-112	General Biology II	3
BIOL-112L	General Biology II Lab	1
BIOL-230	Microbiology	3
BIOL-230L	Microbiology Lab	1
BIOL-261	Human Anatomy and Physiology I	3
BIOL-261L	Human Anatomy and Physiology I Lab	1
BIOL-262	Human Anatomy and Physiology II	3
BIOL-262L	Human Anatomy and Physiology II Lab	1
CBIO-230	Forests of Appalachia	4
ENVS-100	Introduction to Environmental Science	4

B. Physical Sciences

Choose **one** of the following:

4 credit hours

CHEM-100	Introduction to Chemistry	3
CHEM-100L	Introduction to Chemistry Lab	1
CHEM-111	General Chemistry I	3
CHEM-111L	General Chemistry I Lab	1
CHEM-112	General Chemistry II	3
CHEM-112L	General Chemistry II Lab	1
GEOG-120	Int Phy Geog: Planet Earth	3
GEOG-120L	Int Phy Geog: Planet Earth Lab	1
PHYS-100	Introduction to Physics	3
PHYS-100L	Intro to Physics Lab	1
PHYS-211	General Physics I	3
PHYS-211L	General Physics I Lab	1
PHYS-212	General Physics II	3
PHYS-212L	General Physics II Lab	1
PHYS-251	University Physics I	4
PHYS-251L	University Physics I Lab	1
PHYS-252	University Physics II	4
PHYS-252L	University Physics II Lab	1

***LMU requires all first-time freshmen students with less than 15 credits of college credit to complete UACT 100.**

The Political Science Major

Required Courses

Item #	Title	Credits
POLS-100	American Government: National	3
POLS-220	Intro to Public Administration	3
POLS-240	Intro to Political Ideas	3
POLS-250	Introduction to International Relations	3
POLS-325	State & Local Government	3
POLS-497	Political Science Seminar	3

Collateral Requirement: ENGL 240/250

Item #	Title	Credits
	ENGL-240 or ENGL-250	**3**
ENGL-240	Literary Forms	3
ENGL-250	Literary History and Culture	3

Collateral Requirement: Statistics

Item #	Title	Credits
CRIM-280	Statistics	3

Collateral Requirement: Pre-Law Seminar

Item #	Title	Credits
UACT-295	Pre-Law Seminar	1

Political Science Electives

Choose four of the following courses:

Item #	Title	Credits
POLS-320	Comparative Politics	3
POLS-322	Introduction to Public Policy	3
POLS-324	Law and the Judicial System	3
POLS-331	Introduction to Constitutional Law	3
POLS-332	Politics & Legislative Process	3
POLS-335	The Presidency	3
POLS-350	American Foreign & Security Policy	3
POLS-441	Liberal Democracy & Its Critics	3
POLS-498	Internship	3

Additional Elective Requirements for the Political Science and Duncan School of Law Combined Pathway

Item #	Title	Credits
	Additional Elective Requirements for the Political Science and Duncan School of Law Combined Pathway	**13**

For this combined degree pathway, students must take at least thirteen (13) semester credit hours of free elective courses.

Foreign Language Requirement

Item #	Title	Credits
	General Education - Foreign Language	**6**
SPAN-111	Beginning Spanish I	3
SPAN-112	Beginning Spanish II	3

Duncan School of Law

Students take the following classes during their fourth year.

Fall

Fourth Year Fall Classes at the Duncan School of Law

Class	Credit Hours
LAW 1001 Legal Foundations	1
LAW 1011 Civil Procedure I	3
LAW 1021 Contracts & Sales I	3
LAW 1041 Torts I	3
LAW 1051 Legal Research I	1
LAW 1052 Legal Communication I	2
LAW 1061 Criminal Law I	3
Total	16

Spring

Fourth Year Spring Classes at the Duncan School of Law

Class	Credit Hours
LAW-1008 The Successful Lawyer	2
LAW-1012 Civil Procedure II	3
LAW-1031 Property I	3
LAW-1042 Torts II	3
LAW-1053 Legal Research II	1
LAW-1054 Legal Communication II	3
Total	15

Total for the Fourth Year: 31 credit hours

	Total Credits	122

BS in Criminology and Criminal Justice

Field of Study

Bachelor of Science

The Criminology and Criminal Justice major emphasizes theory, research, policy and practice of criminal justice that prepares students to pursue careers in the field of Criminal Justice and/or enter progressive degree programs including graduate and law school. The program offers Internships with professional agencies. Students may participate in the Criminal Justice Society. Students who are contemplating going to law school are encouraged to consider completing the pre-law additional curriculum located on page “Pre-Professional Curriculum Section” of the catalog.

General Education

I. LMU Specific Courses

Item #	Title	Credits
UACT-100	Strategies for College Success	1
LNCN-100	Lincoln's Life and Legacy	1
CIVX-300	American Civics	2

II. Communication

Item #	Title	Credits
	2025 General Education - Communications	**9**
ENGL-101	Composition I	3
ENGL-102	Composition II	3
COMM-200	Fundamentals of Speech Communication	3

Bachelor of Arts students are required to take 6 hours of a foreign language in addition to the above courses.

III. Ethics, Fine Arts, History, or Humanities

Item #	Title	Credits
	2025 General Education - Fine Arts, Humanities, and Ethics (for Baccalaureate Degrees)	**6**

Fine Arts, Humanities, and Ethics

Choose **two** of the following (must have different prefixes, e.g. ART and GEOG):

ART-100	Art Appreciation	3
ART-381	Survey of Art History I	3
ART-382	Surv Art Hist II	3
BUSN-250	Social & Ethical Environment of Business	3
ENGL-240	Literary Forms	3
ENGL-250	Literary History and Culture	3
ENGL-350	Narrative, Healing and the Body	3
GEOG-350	Geography of Religion	3
MCOM-410	Media Law and Ethics	3
MUSC-100	Music Appreciation	3
MUSC-468	Survey of World Music	3
PHIL-100	The Meaning of Life	3
PHIL-200	Introduction to Philosophy	3
PHIL-210	Logic and Critical Thinking	3
PHIL-330	Ethics	3
PHIL-430	Medical Ethics	3
REL-210	Surv Old Testament	3
REL-220	Surv New Testament	3
REL-310	Comparative Religions	3
REL-315	Comparative Christianity	3
THEA-100	Intro to Theatre	3
THEA-340	Survey of Dramatic Literature	3

IV. Behavioral/Social Sciences

Item #	Title	Credits
CRIM-105	Introduction to Criminal Justice	3

V. History

Item #	Title	Credits
	2025 General Education - History	**6**
HIST-121	World History to 1500	3
HIST-122	World Hist Since 1500	3
HIST-131	American History to 1877	3
HIST-132	American Hist Since 1877	3

VI. Mathematics

(*see* **Mathematics Placement**)

Item #	Title	Credits
	2025 General Education - Mathematics	**3**

Choose **one** course from the following:

MATH-110	Reasoning and Problem Solving	3
MATH-115	College Algebra	3
MATH-120	Trigonometry	3
MATH-150	Calculus I	4

VII. Natural Sciences/Physical Sciences

Item #	Title	Credits
	2025 General Education - Natural/Physical Sciences - Bachelor of Science	**8**

A. Life Sciences

Choose from the following courses (also take the corresponding lab):

BIOL-100	Introduction to Biology	3
BIOL-100L	Introduction to Biology Lab	1
BIOL-111	General Biology I	3
BIOL-111L	General Biology I Lab	1
BIOL-112	General Biology II	3
BIOL-112L	General Biology II Lab	1
BIOL-230	Microbiology	3
BIOL-230L	Microbiology Lab	1
BIOL-261	Human Anatomy and Physiology I	3
BIOL-261L	Human Anatomy and Physiology I Lab	1
BIOL-262	Human Anatomy and Physiology II	3
BIOL-262L	Human Anatomy and Physiology II Lab	1
CBIO-230	Forests of Appalachia	4
ENVS-100	Introduction to Environmental Science	4

B. Physical Sciences

Choose from the following courses (also take the corresponding lab):

CHEM-100	Introduction to Chemistry	3
CHEM-100L	Introduction to Chemistry Lab	1
CHEM-111	General Chemistry I	3
CHEM-111L	General Chemistry I Lab	1
CHEM-112	General Chemistry II	3
CHEM-112L	General Chemistry II Lab	1
GEOG-120	Int Phy Geog: Planet Earth	3
GEOG-120L	Int Phy Geog: Planet Earth Lab	1
PHYS-100	Introduction to Physics	3
PHYS-100L	Intro to Physics Lab	1
PHYS-211	General Physics I	3
PHYS-211L	General Physics I Lab	1
PHYS-212	General Physics II	3
PHYS-212L	General Physics II Lab	1
PHYS-251	University Physics I	4
PHYS-251L	University Physics I Lab	1
PHYS-252	University Physics II	4
PHYS-252L	University Physics II Lab	1

***LMU requires all first-time freshmen students with less than 15 credits of college credit to complete UACT 100.**

Required Courses

Item #	Title	Credits
CRIM-105	Introduction to Criminal Justice	3
CRIM-210	Criminal Law	3
CRIM-300	Issues & Ethics in Criminal Justice	3
CRIM-310	Intro Criminology	3
CRIM-325	Rights & Liberties	3
CRIM-380	Research in Criminal Justice	3
CRIM-480	Crim Justice Capstone Seminar	3

Collateral Course Requirements

Item #	Title	Credits
SOCI-100	Introduction to Sociology	3
PSYC-100	Introduction to Psychology	3
POLS-100	American Government: National	3

Statistics

Choose One of the following:

Item #	Title	Credits
CRIM-280	Statistics	3
MATH-270	Probability, Statistics	3

Select 6 hours from the following electives:

Recommended Electives

Item #	Title	Credits
CRIM-497	Practicum in Criminal Justice	1-4
PHIL-210	Logic and Critical Thinking	3
SPAN-111	Beginning Spanish I	3
SPAN-112	Beginning Spanish II	3

Other Electives

Item #	Title	Credits
CRIM-205	Introduction to Law Enforcement	3
CRIM-220	Intro to Courts	3
CRIM-315	Introduction to Corrections	3
CRIM-320	Juvenile Justice	3
CRIM-330	Drugs and Society	3
CRIM-350	Investigations	3
CRIM-360	Homeland Security	3
CRIM-395	Special Topics	
CRIM-405	Police Administration	3
CRIM-420	Race, Gender and Crime	3
CRIM-450	Political Violence & Terrorism	3
POLS-100	American Government: National	3
POLS-324	Law and the Judicial System	3
POLS-331	Introduction to Constitutional Law	3
PSYC-255	Introduction to Social Psychology	3
SOCI-330	Cultural Diversity	3
SOCW-320	Child and Family Welfare	3
SOCW-330	Human Diversity and Social Justice	3

Additional Elective Requirements

Item #	Title	Credits
	Additional Elective Requirements for the BS in Criminology and Criminal Justice Major	**44**
	Total Credits	122

BS in Criminology and Criminal Justice Early Entry to Duncan School of Law

Field of Study

Bachelor of Science

The BS in Criminology and Criminal Justice Early Entry to Duncan School of Law is a combined degree completion pathway that allows students to complete their BA in Political Science in three years and if accepted, their JD in law upon finishing law school.

The maximum amount of double-counted credit hours for the Political Science (BA) Early Entry to Duncan School of Law is 31. LMU limits eligibility for this pathway to exceptional students who meet the enrollment criteria. Students are still required to meet the student learning outcomes (SLOs) for each program so the quality and integrity of both programs are not jeopardized.

General Education

I. LMU Specific Courses

Item #	Title	Credits
UACT-100	Strategies for College Success	1
LNCN-100	Lincoln's Life and Legacy	1
CIVX-300	American Civics	2

II. Communication

Item #	Title	Credits
	2025 General Education - Communications	**9**
ENGL-101	Composition I	3
ENGL-102	Composition II	3
COMM-200	Fundamentals of Speech Communication	3

Bachelor of Arts students are required to take 6 hours of a foreign language in addition to the above courses.

III. Ethics, Fine Arts, History, or Humanities

Item #	Title	Credits
	2025 General Education - Fine Arts, Humanities, and Ethics (for Baccalaureate Degrees)	**6**

Fine Arts, Humanities, and Ethics

Choose **two** of the following (must have different prefixes, e.g. ART and GEOG):

ART-100	Art Appreciation	3
ART-381	Survey of Art History I	3
ART-382	Surv Art Hist II	3
BUSN-250	Social & Ethical Environment of Business	3
ENGL-240	Literary Forms	3
ENGL-250	Literary History and Culture	3
ENGL-350	Narrative, Healing and the Body	3
GEOG-350	Geography of Religion	3
MCOM-410	Media Law and Ethics	3
MUSC-100	Music Appreciation	3
MUSC-468	Survey of World Music	3
PHIL-100	The Meaning of Life	3
PHIL-200	Introduction to Philosophy	3
PHIL-210	Logic and Critical Thinking	3
PHIL-330	Ethics	3
PHIL-430	Medical Ethics	3
REL-210	Surv Old Testament	3
REL-220	Surv New Testament	3
REL-310	Comparative Religions	3
REL-315	Comparative Christianity	3
THEA-100	Intro to Theatre	3
THEA-340	Survey of Dramatic Literature	3

IV. Behavioral/Social Sciences

Item #	Title	Credits
CRIM-105	Introduction to Criminal Justice	3

V. History

Item #	Title	Credits
	2025 General Education - History	**6**
HIST-121	World History to 1500	3
HIST-122	World Hist Since 1500	3
HIST-131	American History to 1877	3
HIST-132	American Hist Since 1877	3

VI. Mathematics

(*see* **Mathematics Placement**)

Item #	Title	Credits
	2025 General Education - Mathematics	**3**
Choose **one** course from the following:		
MATH-110	Reasoning and Problem Solving	3
MATH-115	College Algebra	3
MATH-120	Trigonometry	3
MATH-150	Calculus I	4

VII. Natural Sciences/Physical Sciences

Item #	Title	Credits
	2025 General Education - Natural/Physical Sciences - Bachelor of Science	**8**

A. Life Sciences

Choose from the following courses (also take the corresponding lab):

BIOL-100	Introduction to Biology	3
BIOL-100L	Introduction to Biology Lab	1
BIOL-111	General Biology I	3
BIOL-111L	General Biology I Lab	1
BIOL-112	General Biology II	3
BIOL-112L	General Biology II Lab	1
BIOL-230	Microbiology	3
BIOL-230L	Microbiology Lab	1
BIOL-261	Human Anatomy and Physiology I	3
BIOL-261L	Human Anatomy and Physiology I Lab	1
BIOL-262	Human Anatomy and Physiology II	3
BIOL-262L	Human Anatomy and Physiology II Lab	1
CBIO-230	Forests of Appalachia	4
ENVS-100	Introduction to Environmental Science	4

B. Physical Sciences

Choose from the following courses (also take the corresponding lab):

CHEM-100	Introduction to Chemistry	3
CHEM-100L	Introduction to Chemistry Lab	1
CHEM-111	General Chemistry I	3
CHEM-111L	General Chemistry I Lab	1
CHEM-112	General Chemistry II	3
CHEM-112L	General Chemistry II Lab	1
GEOG-120	Int Phy Geog: Planet Earth	3
GEOG-120L	Int Phy Geog: Planet Earth Lab	1
PHYS-100	Introduction to Physics	3
PHYS-100L	Intro to Physics Lab	1
PHYS-211	General Physics I	3
PHYS-211L	General Physics I Lab	1
PHYS-212	General Physics II	3
PHYS-212L	General Physics II Lab	1
PHYS-251	University Physics I	4
PHYS-251L	University Physics I Lab	1
PHYS-252	University Physics II	4
PHYS-252L	University Physics II Lab	1

***LMU requires all first-time freshmen students with less than 15 credits of college credit to complete UACT 100.**

Required Courses

Item #	Title	Credits
CRIM-105	Introduction to Criminal Justice	3
CRIM-210	Criminal Law	3
CRIM-300	Issues & Ethics in Criminal Justice	3
CRIM-310	Intro Criminology	3
CRIM-325	Rights & Liberties	3
CRIM-380	Research in Criminal Justice	3
CRIM-480	Crim Justice Capstone Seminar	3

Collateral Course Requirements

Item #	Title	Credits
SOCI-100	Introduction to Sociology	3
PSYC-100	Introduction to Psychology	3
POLS-100	American Government: National	3
	Statistics	**3**
CRIM-280	Statistics	3
MATH-270	Probability, Statistics	3

Select 6 hours from the following electives:

Recommended Electives

Item #	Title	Credits
CRIM-497	Practicum in Criminal Justice	1-4
PHIL-210	Logic and Critical Thinking	3
SPAN-111	Beginning Spanish I	3
SPAN-112	Beginning Spanish II	3

Other Electives

Item #	Title	Credits
CRIM-205	Introduction to Law Enforcement	3
CRIM-220	Intro to Courts	3
CRIM-315	Introduction to Corrections	3
CRIM-320	Juvenile Justice	3
CRIM-330	Drugs and Society	3
CRIM-350	Investigations	3
CRIM-360	Homeland Security	3
CRIM-395	Special Topics	
CRIM-405	Police Administration	3
CRIM-420	Race, Gender and Crime	3
CRIM-450	Political Violence & Terrorism	3
POLS-100	American Government: National	3
POLS-324	Law and the Judicial System	3
POLS-331	Introduction to Constitutional Law	3
PSYC-255	Introduction to Social Psychology	3
SOCI-330	Cultural Diversity	3
SOCW-320	Child and Family Welfare	3
SOCW-330	Human Diversity and Social Justice	3

Additional Elective Requirements for the Criminology and Criminal Justice and Duncan School of Law Combined Pathway

Item #	Title	Credits
	Additional Elective Requirements for the Criminology and Criminal Justice and Duncan School of Law Combined Pathway	**12**

Collateral Requirement: Pre-Law Seminar

Item #	Title	Credits
UACT-295	Pre-Law Seminar	1

The Duncan School of Law

Students take the following classes during their fourth year.

Fall

Fourth Year Fall Classes at the Duncan School of Law

Class	Credit Hours
LAW 1005 Legal Foundations	1
LAW 1011 Civil Procedure I	3
LAW 1021 Contracts & Sales I	3
LAW 1041 Torts I	3
LAW 1051 Legal Research I	1
LAW 1052 Legal Communication I	2
LAW 1061 Criminal Law I	3
Total	16

Spring

Fourth Year Spring Classes at the Duncan School of Law

Class	Credit Hours
LAW-1008 The Successful Lawyer	2
LAW-1012 Civil Procedure II	3
LAW-1031 Property I	3
LAW-1042 Torts II	3
LAW-1053 Legal Research II	1
LAW-1054 Legal Communication II	3
Total	15

Total for the Fourth Year: 31 credit hours

	Total Credits	122

BS in Psychology - Counseling & Practice Track

Field of Study

Bachelor of Science

The Bachelor of Science in Psychology program emphasizes research, theory, practice, and academic rigor to prepare students for further training at the graduate level and/or employment. The program offers a senior research project or a senior internship, depending upon which concentration the student selects. The BS in Psychology requires 122 total credit hours, including all general education requirements, upper-level (300/400) courses, and program-specific courses detailed below.

General Education

I. LMU Specific Courses

Item #	Title	Credits
UACT-100	Strategies for College Success	1
LNCN-100	Lincoln's Life and Legacy	1
CIVX-300	American Civics	2

II. Communication

Item #	Title	Credits
	2025 General Education - Communications	**9**
ENGL-101	Composition I	3
ENGL-102	Composition II	3
COMM-200	Fundamentals of Speech Communication	3

Bachelor of Arts students are required to take 6 hours of a foreign language in addition to the above courses.

III. Ethics, Fine Arts, History, or Humanities

Item #	Title	Credits
	2025 General Education - Fine Arts, Humanities, and Ethics (for Baccalaureate Degrees)	**6**

Fine Arts, Humanities, and Ethics

Choose **two** of the following (must have different prefixes, e.g. ART and GEOG):

ART-100	Art Appreciation	3
ART-381	Survey of Art History I	3
ART-382	Surv Art Hist II	3
BUSN-250	Social & Ethical Environment of Business	3
ENGL-240	Literary Forms	3
ENGL-250	Literary History and Culture	3
ENGL-350	Narrative, Healing and the Body	3
GEOG-350	Geography of Religion	3
MCOM-410	Media Law and Ethics	3
MUSC-100	Music Appreciation	3
MUSC-468	Survey of World Music	3
PHIL-100	The Meaning of Life	3
PHIL-200	Introduction to Philosophy	3
PHIL-210	Logic and Critical Thinking	3
PHIL-330	Ethics	3
PHIL-430	Medical Ethics	3
REL-210	Surv Old Testament	3
REL-220	Surv New Testament	3
REL-310	Comparative Religions	3
REL-315	Comparative Christianity	3
THEA-100	Intro to Theatre	3
THEA-340	Survey of Dramatic Literature	3

IV. Behavioral/Social Sciences

Item #	Title	Credits
PSYC-100	Introduction to Psychology	3

V. History

Item #	Title	Credits
	2025 General Education - History	**6**
HIST-121	World History to 1500	3
HIST-122	World Hist Since 1500	3
HIST-131	American History to 1877	3
HIST-132	American Hist Since 1877	3

VI. Mathematics

(*see* **Mathematics Placement**)

Item #	Title	Credits
	2025 General Education - Mathematics	**3**

Choose **one** course from the following:

MATH-110	Reasoning and Problem Solving	3
MATH-115	College Algebra	3
MATH-120	Trigonometry	3
MATH-150	Calculus I	4

VII. Natural Sciences/Physical Sciences

Item #	Title	Credits
	2025 General Education - Natural/Physical Sciences - Bachelor of Science	**8**

A. Life Sciences

Choose from the following courses (also take the corresponding lab):

BIOL-100	Introduction to Biology	3
BIOL-100L	Introduction to Biology Lab	1
BIOL-111	General Biology I	3
BIOL-111L	General Biology I Lab	1
BIOL-112	General Biology II	3
BIOL-112L	General Biology II Lab	1
BIOL-230	Microbiology	3
BIOL-230L	Microbiology Lab	1
BIOL-261	Human Anatomy and Physiology I	3
BIOL-261L	Human Anatomy and Physiology I Lab	1
BIOL-262	Human Anatomy and Physiology II	3
BIOL-262L	Human Anatomy and Physiology II Lab	1
CBIO-230	Forests of Appalachia	4
ENVS-100	Introduction to Environmental Science	4

B. Physical Sciences

Choose from the following courses (also take the corresponding lab):

CHEM-100	Introduction to Chemistry	3
CHEM-100L	Introduction to Chemistry Lab	1
CHEM-111	General Chemistry I	3
CHEM-111L	General Chemistry I Lab	1
CHEM-112	General Chemistry II	3
CHEM-112L	General Chemistry II Lab	1
GEOG-120	Int Phy Geog: Planet Earth	3
GEOG-120L	Int Phy Geog: Planet Earth Lab	1
PHYS-100	Introduction to Physics	3
PHYS-100L	Intro to Physics Lab	1
PHYS-211	General Physics I	3
PHYS-211L	General Physics I Lab	1
PHYS-212	General Physics II	3
PHYS-212L	General Physics II Lab	1
PHYS-251	University Physics I	4
PHYS-251L	University Physics I Lab	1
PHYS-252	University Physics II	4
PHYS-252L	University Physics II Lab	1

***LMU requires all first-time freshmen students with less than 15 credits of college credit to complete UACT 100.**

Required courses:

Item #	Title	Credits
PSYC-100	Introduction to Psychology	3
PSYC-221	Child and Adolescent Development	3
PSYC-222	Adult Development	3
PSYC-255	Introduction to Social Psychology	3
PSYC-375	Statistical Methods for the Social Science	3
PSYC-314	Hist, Systems Psychology	3
PSYC-314X	Junior Writing Requirement	0
PSYC-315	Theories of Personality	3
PSYC-340	Abnormal Psychology	3
PSYC-380	Research in Psychology	3
PSYC-450	Health Psychology	3
PSYC-460	Theories of Psychotherapy	3
PSYC-470	Psychological Tests and Measurements	3
PSYC-475	Neuropsychology	3
PSYC-498	Seminar Internship Psych Srvcs	3
PSYC-498Z	Sr. Writing Requirement	0

Additional Elective Requirements

Item #	Title	Credits
	Additional Elective Requirements for the BS in Psychology - Counseling and Practice Track	**41**
	Total Credits	122

BS in Psychology - General Track

Field of Study

Bachelor of Science

The Bachelor of Science in Psychology program emphasizes research, theory, practice, and academic rigor to prepare students for further training at the graduate level and/or employment. The program offers a senior research project or a senior internship, depending upon which concentration the student selects. The BS in Psychology requires 122 total credit hours, including all general education requirements, upper-level (300/400) courses, and program-specific courses detailed below.

General Education

I. LMU Specific Courses

Item #	Title	Credits
UACT-100	Strategies for College Success	1
LNCN-100	Lincoln's Life and Legacy	1
CIVX-300	American Civics	2

II. Communication

Item #	Title	Credits
	2025 General Education - Communications	**9**
ENGL-101	Composition I	3
ENGL-102	Composition II	3
COMM-200	Fundamentals of Speech Communication	3

Bachelor of Arts students are required to take 6 hours of a foreign language in addition to the above courses.

III. Ethics, Fine Arts, History, or Humanities

Item #	Title	Credits
	2025 General Education - Fine Arts, Humanities, and Ethics (for Baccalaureate Degrees)	**6**

Fine Arts, Humanities, and Ethics

Choose **two** of the following (must have different prefixes, e.g. ART and GEOG):

ART-100	Art Appreciation	3
ART-381	Survey of Art History I	3
ART-382	Surv Art Hist II	3
BUSN-250	Social & Ethical Environment of Business	3
ENGL-240	Literary Forms	3
ENGL-250	Literary History and Culture	3
ENGL-350	Narrative, Healing and the Body	3
GEOG-350	Geography of Religion	3
MCOM-410	Media Law and Ethics	3
MUSC-100	Music Appreciation	3
MUSC-468	Survey of World Music	3
PHIL-100	The Meaning of Life	3
PHIL-200	Introduction to Philosophy	3
PHIL-210	Logic and Critical Thinking	3
PHIL-330	Ethics	3
PHIL-430	Medical Ethics	3
REL-210	Surv Old Testament	3
REL-220	Surv New Testament	3
REL-310	Comparative Religions	3
REL-315	Comparative Christianity	3
THEA-100	Intro to Theatre	3
THEA-340	Survey of Dramatic Literature	3

IV. Behavioral/Social Sciences

Item #	Title	Credits
PSYC-100	Introduction to Psychology	3

V. History

Item #	Title	Credits
	2025 General Education - History	**6**
HIST-121	World History to 1500	3
HIST-122	World Hist Since 1500	3
HIST-131	American History to 1877	3
HIST-132	American Hist Since 1877	3

VI. Mathematics

(*see* **Mathematics Placement**)

Item #	Title	Credits
	2025 General Education - Mathematics	**3**
Choose **one** course from the following:		
MATH-110	Reasoning and Problem Solving	3
MATH-115	College Algebra	3
MATH-120	Trigonometry	3
MATH-150	Calculus I	4

VII. Natural Sciences/Physical Sciences

Item #	Title	Credits
	2025 General Education - Natural/Physical Sciences - Bachelor of Science	**8**

A. Life Sciences

Choose from the following courses (also take the corresponding lab):

BIOL-100	Introduction to Biology	3
BIOL-100L	Introduction to Biology Lab	1
BIOL-111	General Biology I	3
BIOL-111L	General Biology I Lab	1
BIOL-112	General Biology II	3
BIOL-112L	General Biology II Lab	1
BIOL-230	Microbiology	3
BIOL-230L	Microbiology Lab	1
BIOL-261	Human Anatomy and Physiology I	3
BIOL-261L	Human Anatomy and Physiology I Lab	1
BIOL-262	Human Anatomy and Physiology II	3
BIOL-262L	Human Anatomy and Physiology II Lab	1
CBIO-230	Forests of Appalachia	4
ENVS-100	Introduction to Environmental Science	4

B. Physical Sciences

Choose from the following courses (also take the corresponding lab):

CHEM-100	Introduction to Chemistry	3
CHEM-100L	Introduction to Chemistry Lab	1
CHEM-111	General Chemistry I	3
CHEM-111L	General Chemistry I Lab	1
CHEM-112	General Chemistry II	3
CHEM-112L	General Chemistry II Lab	1
GEOG-120	Int Phy Geog: Planet Earth	3
GEOG-120L	Int Phy Geog: Planet Earth Lab	1
PHYS-100	Introduction to Physics	3
PHYS-100L	Intro to Physics Lab	1
PHYS-211	General Physics I	3
PHYS-211L	General Physics I Lab	1
PHYS-212	General Physics II	3
PHYS-212L	General Physics II Lab	1
PHYS-251	University Physics I	4
PHYS-251L	University Physics I Lab	1
PHYS-252	University Physics II	4
PHYS-252L	University Physics II Lab	1

***LMU requires all first-time freshmen students with less than 15 credits of college credit to complete UACT 100.**

Required courses:

Item #	Title	Credits
PSYC-100	Introduction to Psychology	3
PSYC-375	Statistical Methods for the Social Science	3
PSYC-314	Hist, Systems Psychology	3
PSYC-314X	Junior Writing Requirement	0
PSYC-380	Research in Psychology	3
PSYC-394	Cognitive Psychology	3
PSYC-475	Neuropsychology	3
PSYC-480	Experimental Psychology	3
PSYC-480Z	Sr Writing Req	0

Sociocultural:

Choose **one** course

Item #	Title	Credits
PSYC-255	Introduction to Social Psychology	3
PSYC-315	Theories of Personality	3
PSYC-340	Abnormal Psychology	3

Developmental:

Choose **one** course

Item #	Title	Credits
PSYC-221	Child and Adolescent Development	3
PSYC-222	Adult Development	3

Applied Psychology:

Choose **one** course

Item #	Title	Credits
PSYC-370	Educational Psychology	3
PSYC-450	Health Psychology	3
PSYC-470	Psychological Tests and Measurements	3

Electives in Psychology

Item #	Title	Credits
	Electives in Psychology	**6**

Additional Elective Requirements

Item #	Title	Credits
	Additional Elective Requirements for the BS in Psychology - General Track	**47**
	Total Credits	122

BS in Psychology - Pre-Medical Track

Field of Study

Bachelor of Science

The Bachelor of Science in Psychology program emphasizes research, theory, practice, and academic rigor to prepare students for further training at the graduate level and/or employment. The program offers a senior research project or a senior internship, depending upon which concentration the student selects. The BS in Psychology requires 122 total credit hours, including all general education requirements, upper-level (300/400) courses, and program-specific courses detailed below.

General Education

I. LMU Specific Courses

Item #	Title	Credits
UACT-100	Strategies for College Success	1
LNCN-100	Lincoln's Life and Legacy	1
CIVX-300	American Civics	2

II. Communication

Item #	Title	Credits
	2025 General Education - Communications	**9**
ENGL-101	Composition I	3
ENGL-102	Composition II	3
COMM-200	Fundamentals of Speech Communication	3

Bachelor of Arts students are required to take 6 hours of a foreign language in addition to the above courses.

III. Ethics, Fine Arts, History, or Humanities

Item #	Title	Credits
PHIL-430	Medical Ethics	3
	Second Fine Arts, Humanities, and Ethics Credit for the Psychology Pre-Medical degree	**3**

For the Ethics, Fine Arts, History, or Humanities credit, students must take 6 credit hours. Students in this major must take PHIL 430 as 3 credit hours of these required 6 credit hours. Students in the Psychology Pre-Medical track cannot take another PHIL class because they must take courses with two different prefixes.

Choose one of the following classes as an Ethics, Fine Arts, History, or Humanities credit:

ART-100	Art Appreciation	3
ART-381	Survey of Art History I	3
ART-382	Surv Art Hist II	3
ENGL-240	Literary Forms	3
ENGL-250	Literary History and Culture	3
ENGL-350	Narrative, Healing and the Body	3
GEOG-350	Geography of Religion	3
MCOM-410	Media Law and Ethics	3
MUSC-100	Music Appreciation	3
MUSC-468	Survey of World Music	3
REL-210	Surv Old Testament	3
REL-220	Surv New Testament	3
REL-310	Comparative Religions	3
REL-315	Comparative Christianity	3
THEA-100	Intro to Theatre	3
THEA-340	Survey of Dramatic Literature	3

IV. Behavioral/Social Sciences

Item #	Title	Credits
SOCI-100	Introduction to Sociology	3

V. History

Item #	Title	Credits
	2025 General Education - History	**6**
HIST-121	World History to 1500	3
HIST-122	World Hist Since 1500	3
HIST-131	American History to 1877	3
HIST-132	American Hist Since 1877	3

VI. Mathematics

(*see* **Mathematics Placement**)

Item #	Title	Credits
MATH-120	Trigonometry	3

VII. Natural Sciences/Physical Sciences

Item #	Title	Credits
	2025 General Education - Natural/Physical Sciences - Bachelor of Science	**8**

A. Life Sciences

Choose from the following courses (also take the corresponding lab):

BIOL-100	Introduction to Biology	3
BIOL-100L	Introduction to Biology Lab	1
BIOL-111	General Biology I	3
BIOL-111L	General Biology I Lab	1
BIOL-112	General Biology II	3
BIOL-112L	General Biology II Lab	1
BIOL-230	Microbiology	3
BIOL-230L	Microbiology Lab	1
BIOL-261	Human Anatomy and Physiology I	3
BIOL-261L	Human Anatomy and Physiology I Lab	1
BIOL-262	Human Anatomy and Physiology II	3
BIOL-262L	Human Anatomy and Physiology II Lab	1
CBIO-230	Forests of Appalachia	4
ENVS-100	Introduction to Environmental Science	4

B. Physical Sciences

Choose from the following courses (also take the corresponding lab):

CHEM-100	Introduction to Chemistry	3
CHEM-100L	Introduction to Chemistry Lab	1
CHEM-111	General Chemistry I	3
CHEM-111L	General Chemistry I Lab	1
CHEM-112	General Chemistry II	3
CHEM-112L	General Chemistry II Lab	1
GEOG-120	Int Phy Geog: Planet Earth	3
GEOG-120L	Int Phy Geog: Planet Earth Lab	1
PHYS-100	Introduction to Physics	3
PHYS-100L	Intro to Physics Lab	1
PHYS-211	General Physics I	3
PHYS-211L	General Physics I Lab	1
PHYS-212	General Physics II	3
PHYS-212L	General Physics II Lab	1
PHYS-251	University Physics I	4
PHYS-251L	University Physics I Lab	1
PHYS-252	University Physics II	4
PHYS-252L	University Physics II Lab	1

***LMU requires all first-time freshmen students with less than 15 credits of college credit to complete UACT 100.**

Required courses:

Item #	Title	Credits
PSYC-100	Introduction to Psychology	3
PSYC-221	Child and Adolescent Development	3
PSYC-222	Adult Development	3
PSYC-375	Statistical Methods for the Social Science	3
PSYC-314	Hist, Systems Psychology	3
PSYC-314X	Junior Writing Requirement	0
PSYC-315	Theories of Personality	3
PSYC-340	Abnormal Psychology	3
PSYC-380	Research in Psychology	3
PSYC-394	Cognitive Psychology	3
PSYC-450	Health Psychology	3
PSYC-475	Neuropsychology	3
PSYC-480	Experimental Psychology	3
PSYC-480Z	Sr Writing Req	0

Psychology / Pre-Medical Required Collateral courses:

Item #	Title	Credits
BIOL-111	General Biology I	3
BIOL-111L	General Biology I Lab	1
BIOL-112	General Biology II	3
BIOL-112L	General Biology II Lab	1
BIOL-194	Pre-Health Careers Seminar I	1
BIOL-294	Pre-Health Careers Seminar II	1
BIOL-310	Comparative Human and Vertebrate Anatomy	3
BIOL-310L	Comparative Human and Vertebrate Anatomy Lab	1
BIOL-315	Molecular Genetics	3
BIOL-315L	Molecular Genetics Lab	1
BIOL-441	Biochemistry I	4
CHEM-111	General Chemistry I	3
CHEM-111L	General Chemistry I Lab	1
CHEM-112	General Chemistry II	3
CHEM-112L	General Chemistry II Lab	1
CHEM-221	Organic Chemistry I	3
CHEM-221L	Organic Chemistry I Lab	1
CHEM-222	Organic Chemistry II	3
CHEM-222L	Organic Chemistry II Lab	1
MATH-120	Trigonometry	3
PHYS-211	General Physics I	3
PHYS-211L	General Physics I Lab	1
PHYS-212	General Physics II	3
PHYS-212L	General Physics II Lab	1
SOCI-100	Introduction to Sociology	3

Please Note:

- Two courses with labs (8 semester credit hours) in this section will count as the student's General Education Science Requirement.
- MATH-120 Trigonometry can count as the student's General Education Mathematics Requirement.
- SOCI 100 will also count as the student's Behavioral/Social Sciences General Education Requirement.

Additional Elective Requirements

Item #	Title	Credits
	Additional Elective Requirements for the BS in Psychology - Pre-Med Track	**9**
	Total Credits	122

BS in Psychology - Pre-Physician Assistant Track

Field of Study
Bachelor of Science

The Bachelor of Science in Psychology program emphasizes research, theory, practice, and academic rigor to prepare students for further training at the graduate level and/or employment. The program offers a senior research project or a senior internship, depending upon which concentration the student selects. The BS in Psychology requires 122 total credit hours, including all general education requirements, upper-level (300/400) courses, and program-specific courses detailed below.

General Education

I. LMU Specific Courses

Item #	Title	Credits
	2025 General Education - LMU Specific Courses	**4**
UACT-100	Strategies for College Success	1
LNCN-100	Lincoln's Life and Legacy	1
CIVX-300	American Civics	2

***LMU requires all first-time freshmen students with less than 15 credits of college credit to complete UACT 100.**

II. Communication

Item #	Title	Credits
	2025 General Education - Communications	**9**
ENGL-101	Composition I	3
ENGL-102	Composition II	3
COMM-200	Fundamentals of Speech Communication	3

Bachelor of Arts students are required to take 6 hours of a foreign language in addition to the above courses.

III. Ethics, Fine Arts, History, or Humanities

Item #	Title	Credits
PHIL-430	Medical Ethics	3
	Second Fine Arts, Humanities, and Ethics Credit for the Psychology Pre-Medical degree	**3**

For the Ethics, Fine Arts, History, or Humanities credit, students must take 6 credit hours. Students in this major must take PHIL 430 as 3 credit hours of these required 6 credit hours. Students in the Psychology Pre-Medical track cannot take another PHIL class because they must take courses with two different prefixes.

Choose one of the following classes as an Ethics, Fine Arts, History, or Humanities credit:

ART-100	Art Appreciation	3
ART-381	Survey of Art History I	3
ART-382	Surv Art Hist II	3
ENGL-240	Literary Forms	3
ENGL-250	Literary History and Culture	3
ENGL-350	Narrative, Healing and the Body	3
GEOG-350	Geography of Religion	3
MCOM-410	Media Law and Ethics	3
MUSC-100	Music Appreciation	3
MUSC-468	Survey of World Music	3
REL-210	Surv Old Testament	3
REL-220	Surv New Testament	3
REL-310	Comparative Religions	3
REL-315	Comparative Christianity	3
THEA-100	Intro to Theatre	3
THEA-340	Survey of Dramatic Literature	3

IV. Behavioral/Social Sciences

Item #	Title	Credits
PSYC-100	Introduction to Psychology	3

V. History

Item #	Title	Credits
	2025 General Education - History	**6**
HIST-121	World History to 1500	3
HIST-122	World Hist Since 1500	3
HIST-131	American History to 1877	3
HIST-132	American Hist Since 1877	3

VI. Mathematics

(*see* **Mathematics Placement**)

Item #	Title	Credits
MATH-120	Trigonometry	3

Item #	Title	Credits
	2025 General Education - Natural/Physical Sciences - Bachelor of Science	**8**

A. Life Sciences

Choose from the following courses (also take the corresponding lab):

BIOL-100	Introduction to Biology	3
BIOL-100L	Introduction to Biology Lab	1
BIOL-111	General Biology I	3
BIOL-111L	General Biology I Lab	1
BIOL-112	General Biology II	3
BIOL-112L	General Biology II Lab	1
BIOL-230	Microbiology	3
BIOL-230L	Microbiology Lab	1
BIOL-261	Human Anatomy and Physiology I	3
BIOL-261L	Human Anatomy and Physiology I Lab	1
BIOL-262	Human Anatomy and Physiology II	3
BIOL-262L	Human Anatomy and Physiology II Lab	1
CBIO-230	Forests of Appalachia	4
ENVS-100	Introduction to Environmental Science	4

B. Physical Sciences

Choose from the following courses (also take the corresponding lab):

CHEM-100	Introduction to Chemistry	3
CHEM-100L	Introduction to Chemistry Lab	1
CHEM-111	General Chemistry I	3
CHEM-111L	General Chemistry I Lab	1
CHEM-112	General Chemistry II	3
CHEM-112L	General Chemistry II Lab	1
GEOG-120	Int Phy Geog: Planet Earth	3
GEOG-120L	Int Phy Geog: Planet Earth Lab	1
PHYS-100	Introduction to Physics	3
PHYS-100L	Intro to Physics Lab	1
PHYS-211	General Physics I	3
PHYS-211L	General Physics I Lab	1
PHYS-212	General Physics II	3
PHYS-212L	General Physics II Lab	1
PHYS-251	University Physics I	4
PHYS-251L	University Physics I Lab	1
PHYS-252	University Physics II	4
PHYS-252L	University Physics II Lab	1

***LMU requires all first-time freshmen students with less than 15 credits of college credit to complete UACT 100.**

Required Courses:

Item #	Title	Credits
PSYC-100	Introduction to Psychology	3
PSYC-221	Child and Adolescent Development	3
PSYC-222	Adult Development	3
PSYC-375	Statistical Methods for the Social Science	3
PSYC-314	Hist, Systems Psychology	3
PSYC-314X	Junior Writing Requirement	0
PSYC-315	Theories of Personality	3
PSYC-340	Abnormal Psychology	3
PSYC-340	Abnormal Psychology	3
PSYC-380	Research in Psychology	3
PSYC-394	Cognitive Psychology	3
PSYC-450	Health Psychology	3
PSYC-475	Neuropsychology	3
PSYC-480	Experimental Psychology	3
PSYC-480Z	Sr Writing Req	0

Psychology/Pre-Physicians Assistant Required Collateral Courses:

Item #	Title	Credits
BIOL-111	General Biology I	3
BIOL-111L	General Biology I Lab	1
BIOL-112	General Biology II	3
BIOL-112L	General Biology II Lab	1
BIOL-194	Pre-Health Careers Seminar I	1
BIOL-294	Pre-Health Careers Seminar II	1
BIOL-310	Comparative Human and Vertebrate Anatomy	3
BIOL-310L	Comparative Human and Vertebrate Anatomy Lab	1
BIOL-315	Molecular Genetics	3
BIOL-315L	Molecular Genetics Lab	1
BIOL-441	Biochemistry I	4
CHEM-111	General Chemistry I	3
CHEM-111L	General Chemistry I Lab	1
CHEM-112	General Chemistry II	3
CHEM-112L	General Chemistry II Lab	1
CHEM-221	Organic Chemistry I	3
CHEM-221L	Organic Chemistry I Lab	1
CHEM-222	Organic Chemistry II	3
CHEM-222L	Organic Chemistry II Lab	1
MATH-120	Trigonometry	3
PHYS-211	General Physics I	3
PHYS-211L	General Physics I Lab	1
PHYS-212	General Physics II	3
PHYS-212L	General Physics II Lab	1
PHIL-430	Medical Ethics	3
AHSC-300	Medical Terminology	3

Please Note:

- Two courses with labs (8 semester credit hours) in this section will count as the student's General Education Science Requirement.
- MATH-120 Trigonometry can count as the student's General Education Mathematics Requirement.
- PHIL 430 will count as one of the student's Ethics, Fine Arts, History, or Humanities Requirements.
- PSCY 100 will also count as the student's Behavioral/Social Sciences General Education Requirement.

	Total Credits	122

BS in Psychology - Research Track

Field of Study
Bachelor of Science

The Bachelor of Science in Psychology program emphasizes research, theory, practice, and academic rigor to prepare students for further training at the graduate level and/or employment. The program offers a senior research project or a senior internship, depending upon which concentration the student selects. The BS in Psychology requires 122 total credit hours, including all general education requirements, upper-level (300/400) courses, and program-specific courses detailed below.

General Education

I. LMU Specific Courses

Item #	Title	Credits
UACT-100	Strategies for College Success	1
LNCN-100	Lincoln's Life and Legacy	1
CIVX-300	American Civics	2

II. Communication

Item #	Title	Credits
	2025 General Education - Communications	**9**
ENGL-101	Composition I	3
ENGL-102	Composition II	3
COMM-200	Fundamentals of Speech Communication	3

Bachelor of Arts students are required to take 6 hours of a foreign language in addition to the above courses.

III. Ethics, Fine Arts, History, or Humanities

Item #	Title	Credits
	2025 General Education - Fine Arts, Humanities, and Ethics (for Baccalaureate Degrees)	**6**

Fine Arts, Humanities, and Ethics

Choose **two** of the following (must have different prefixes, e.g. ART and GEOG):

ART-100	Art Appreciation	3
ART-381	Survey of Art History I	3
ART-382	Surv Art Hist II	3
BUSN-250	Social & Ethical Environment of Business	3
ENGL-240	Literary Forms	3
ENGL-250	Literary History and Culture	3
ENGL-350	Narrative, Healing and the Body	3
GEOG-350	Geography of Religion	3
MCOM-410	Media Law and Ethics	3
MUSC-100	Music Appreciation	3
MUSC-468	Survey of World Music	3
PHIL-100	The Meaning of Life	3
PHIL-200	Introduction to Philosophy	3
PHIL-210	Logic and Critical Thinking	3
PHIL-330	Ethics	3
PHIL-430	Medical Ethics	3
REL-210	Surv Old Testament	3
REL-220	Surv New Testament	3
REL-310	Comparative Religions	3
REL-315	Comparative Christianity	3
THEA-100	Intro to Theatre	3
THEA-340	Survey of Dramatic Literature	3

IV. Behavioral/Social Sciences

Item #	Title	Credits
PSYC-100	Introduction to Psychology	3

V. History

Item #	Title	Credits
	2025 General Education - History	**6**
HIST-121	World History to 1500	3
HIST-122	World Hist Since 1500	3
HIST-131	American History to 1877	3
HIST-132	American Hist Since 1877	3

VI. Mathematics

(*see* **Mathematics Placement**)

Item #	Title	Credits
	2025 General Education - Mathematics	**3**

Choose **one** course from the following:

MATH-110	Reasoning and Problem Solving	3
MATH-115	College Algebra	3
MATH-120	Trigonometry	3
MATH-150	Calculus I	4

VII. Natural Sciences/Physical Sciences

Item #	Title	Credits
	2025 General Education - Natural/Physical Sciences - Bachelor of Science	**8**

A. Life Sciences

Choose from the following courses (also take the corresponding lab):

BIOL-100	Introduction to Biology	3
BIOL-100L	Introduction to Biology Lab	1
BIOL-111	General Biology I	3
BIOL-111L	General Biology I Lab	1
BIOL-112	General Biology II	3
BIOL-112L	General Biology II Lab	1
BIOL-230	Microbiology	3
BIOL-230L	Microbiology Lab	1
BIOL-261	Human Anatomy and Physiology I	3
BIOL-261L	Human Anatomy and Physiology I Lab	1
BIOL-262	Human Anatomy and Physiology II	3
BIOL-262L	Human Anatomy and Physiology II Lab	1
CBIO-230	Forests of Appalachia	4
ENVS-100	Introduction to Environmental Science	4

B. Physical Sciences

Choose from the following courses (also take the corresponding lab):

CHEM-100	Introduction to Chemistry	3
CHEM-100L	Introduction to Chemistry Lab	1
CHEM-111	General Chemistry I	3
CHEM-111L	General Chemistry I Lab	1
CHEM-112	General Chemistry II	3
CHEM-112L	General Chemistry II Lab	1
GEOG-120	Int Phy Geog: Planet Earth	3
GEOG-120L	Int Phy Geog: Planet Earth Lab	1
PHYS-100	Introduction to Physics	3
PHYS-100L	Intro to Physics Lab	1
PHYS-211	General Physics I	3
PHYS-211L	General Physics I Lab	1
PHYS-212	General Physics II	3
PHYS-212L	General Physics II Lab	1
PHYS-251	University Physics I	4
PHYS-251L	University Physics I Lab	1
PHYS-252	University Physics II	4
PHYS-252L	University Physics II Lab	1

***LMU requires all first-time freshmen students with less than 15 credits of college credit to complete UACT 100.**

Required courses:

Item #	Title	Credits
PSYC-100	Introduction to Psychology	3
PSYC-221	Child and Adolescent Development	3
PSYC-222	Adult Development	3
PSYC-255	Introduction to Social Psychology	3
PSYC-375	Statistical Methods for the Social Science	3
PSYC-314	Hist, Systems Psychology	3
PSYC-314X	Junior Writing Requirement	0
PSYC-315	Theories of Personality	3
PSYC-340	Abnormal Psychology	3
PSYC-380	Research in Psychology	3
PSYC-394	Cognitive Psychology	3
PSYC-450	Health Psychology	3
PSYC-470	Psychological Tests and Measurements	3
PSYC-475	Neuropsychology	3
PSYC-480	Experimental Psychology	3
PSYC-480Z	Sr Writing Req	0

Please Note:

PSYC 100 counts for the Behavioral/Social Science General Education Credit and as a course in the Psychology-Research Track required course.

Additional Elective Requirements

Item #	Title	Credits
	Additional Elective Requirements for the BS in Psychology - Research Track	**44**
	Total Credits	122

Minor in Criminal Justice

Field of Study

Minor

Required Courses

Item #	Title	Credits
CRIM-105	Introduction to Criminal Justice	3
CRIM-210	Criminal Law	3
CRIM-310	Intro Criminology	3
	Electives in Criminal Justice	**9**
	Total Credits	18

Minor in Political Science

Field of Study

Minor

Required Courses

Item #	Title	Credits
POLS-100	American Government: National	3

Choose **two** of the following:

Item #	Title	Credits
POLS-220	Intro to Public Administration	3
POLS-240	Intro to Political Ideas	3
POLS-250	Introduction to International Relations	3

Choose **at least three** of the following:

Item #	Title	Credits
	POLS 300/400 Electives	**9**
	Total Credits	18

Minor in Pre-Law

Field of Study
Minor

Required Courses

Item #	Title	Credits
CRIM-325	Rights & Liberties	3
POLS-100	American Government: National	3
POLS-324	Law and the Judicial System	3
POLS-331	Introduction to Constitutional Law	3
UACT-295	Pre-Law Seminar	1

Flex Elective

Choose one of the following:

Item #	Title	Credits
BUSN-250	Social & Ethical Environment of Business	3
BUSN-440	Legal Issues in Business	3
CRIM-220	Intro to Courts	3
CRIM-300	Issues & Ethics in Criminal Justice	3
MGMT-416	Conflict Management for Managers & Negotiations	3
POLS-220	Intro to Public Administration	3
SMT-405	Legal Aspects of Sports Management	3
	Total Credits	16

Minor in Psychology

Field of Study
Minor

Required Courses

Item #	Title	Credits
PSYC-100	Introduction to Psychology	3
	Electives in Psychology (any level)	**6**
	Upper-level (300/400) Electives in Psychology	**9**
	Total Credits	18

Department of Social Work

Mission Statement

The Department of Social Work is committed to providing quality educational opportunities that incorporate professional values and evidence-based theory and practice with emphases on social justice, community service, and continuing professional and personal growth for a diverse population of students and community practitioners.

Department Information

The Department of Social Work offers the major in Social Work that emphasizes development of generalist practice skills based on academic and experiential knowledge, preparing the student for entry-level employment in a wide variety of practice settings and/or graduate education. The program requires senior year field experiences with professional agencies. The Social Work major is accredited by the Council on Social Work Education. Graduates of the program are eligible for licensure as baccalaureate social workers. Students may participate in the SHARE Club and may be selected to Phi Alpha, the National Honor Society in Social Work. Students must earn a grade of "C" or better in required courses applied to the Social Work major. If two grades below a "C" are earned in SOCW courses, whether in the same semester or different semesters, the student will not be eligible for admission, readmission, and/or progression in the social work program. Any student with an Incomplete (grade of "I") in any SOCW course (s) will not be allowed to enroll in subsequent SOCW courses until the Incomplete has been removed from the transcript.

The Social Work Program requires the completion of an admission process. Phase I Admission to the Social Work Program allows the student to participate in the first practice course (SOCW 340). Phase I Admission is based on completion of nine hours in SOCW courses at LMU with grades of "C" or higher, a cumulative GPA of 2.00 or higher, three letters of recommendation, a professional philosophy statement, and an interview with the Admissions Committee. Phase II Admission to Field Experience and the senior 400 level courses is contingent upon successful completion of all the 200 and 300 level Social Work courses with grades of "C" or better, completion of all except 6 semester hours of general studies and elective requirements, and no less than 94 semester credit hours completed before enrolling in SOCW 497.

A minimum cumulative GPA of 2.00 allows the student to apply for Phase II Admission to Field Experience and the senior 400 level course.

BS in Social Work

Field of Study
Bachelor of Science

The Department of Social Work offers the major in Social Work that emphasizes development of generalist practice skills based on academic and experiential knowledge, preparing the student for entry-level employment in a wide variety of practice settings and/or graduate education. The program requires senior year field experiences with professional agencies. The Social Work major is accredited by the Council on Social Work Education. Graduates of the program are eligible for licensure as baccalaureate social workers. Students may participate in the SHARE Club and may be selected to Phi Alpha, the National Honor Society in Social Work. Students must earn a grade of "C" or better in required courses applied to the Social Work major. If two grades below a "C" are earned in SOCW courses, whether in the same semester or different semesters, the

student will not be eligible for admission, readmission, and/or progression in the social work program. Any student with an Incomplete (grade of "I") in any SOCW course (s) will not be allowed to enroll in subsequent SOCW courses until the Incomplete has been removed from the transcript.

The Social Work Program requires the completion of an admission process. Phase I Admission to the Social Work Program allows the student to participate in the first practice course (SOCW 240). Phase I Admission is based on completion of nine hours in SOCW courses at LMU with grades of "C" or higher, a cumulative GPA of 2.00 or higher, three letters of recommendation, a professional philosophy statement, and an interview with the Admissions Committee. Phase II Admission to Field Experience and the senior 400 level courses is contingent upon successful completion of all the 200 and 300 level Social Work courses with grades of "C" or better, completion of all except 6 semester hours of general studies and elective requirements, and no less than 94 semester credit hours completed before enrolling in SOCW 497.

A minimum cumulative GPA of 2.00 allows the student to apply for Phase II Admission to Field Experience and the senior 400 level course.

General Education

I. LMU Specific Courses

Item #	Title	Credits
UACT-100	Strategies for College Success	1
LNCN-100	Lincoln's Life and Legacy	1
CIVX-300	American Civics	2

II. Communication

Item #	Title	Credits
	2025 General Education - Communications	**9**
ENGL-101	Composition I	3
ENGL-102	Composition II	3
COMM-200	Fundamentals of Speech Communication	3

Bachelor of Arts students are required to take 6 hours of a foreign language in addition to the above courses.

III. Ethics, Fine Arts, History, or Humanities

Item #	Title	Credits
	2025 General Education - Fine Arts, Humanities, and Ethics (for Baccalaureate Degrees)	**6**

Fine Arts, Humanities, and Ethics

Choose **two** of the following (must have different prefixes, e.g. ART and GEOG):

ART-100	Art Appreciation	3
ART-381	Survey of Art History I	3
ART-382	Surv Art Hist II	3
BUSN-250	Social & Ethical Environment of Business	3
ENGL-240	Literary Forms	3
ENGL-250	Literary History and Culture	3
ENGL-350	Narrative, Healing and the Body	3
GEOG-350	Geography of Religion	3
MCOM-410	Media Law and Ethics	3
MUSC-100	Music Appreciation	3
MUSC-468	Survey of World Music	3
PHIL-100	The Meaning of Life	3
PHIL-200	Introduction to Philosophy	3
PHIL-210	Logic and Critical Thinking	3
PHIL-330	Ethics	3
PHIL-430	Medical Ethics	3
REL-210	Surv Old Testament	3
REL-220	Surv New Testament	3
REL-310	Comparative Religions	3
REL-315	Comparative Christianity	3
THEA-100	Intro to Theatre	3
THEA-340	Survey of Dramatic Literature	3

IV. Behavioral/Social Sciences

Item #	Title	Credits
	2025 General Education - Behavioral/Social Sciences (for Baccalaureate degree)	**3**
BUSN-380	Personal Finance	3
CRIM-105	Introduction to Criminal Justice	3
ECON-212	Principles of Microeconomics	3
ECON-213	Principles of Macroeconomics	3
GEOG-100	Introduction to Geography	3
GEOG-110	World Regional Geography	3
GEOG-211	Intro to Human Geography	3
GEOG-300	Environmental Geography	3
MCOM-270	Social Media Ethics and Culture	3
POLS-100	American Government: National	3
POLS-240	Intro to Political Ideas	3
POLS-250	Introduction to International Relations	3
PSYC-100	Introduction to Psychology	3
PSYC-221	Child and Adolescent Development	3
PSYC-222	Adult Development	3
SOCI-100	Introduction to Sociology	3

V. History

Item #	Title	Credits
	2025 General Education - History	**6**
HIST-121	World History to 1500	3
HIST-122	World Hist Since 1500	3
HIST-131	American History to 1877	3
HIST-132	American Hist Since 1877	3

VI. Mathematics

(*see* **Mathematics Placement**)

Item #	Title	Credits
	2025 General Education - Mathematics	**3**
Choose **one** course from the following:		
MATH-110	Reasoning and Problem Solving	3
MATH-115	College Algebra	3
MATH-120	Trigonometry	3
MATH-150	Calculus I	4

VII. Natural Sciences/Physical Sciences

Item #	Title	Credits
	2025 General Education - Natural/Physical Sciences - Bachelor of Science	**8**

A. Life Sciences

Choose from the following courses (also take the corresponding lab):

BIOL-100	Introduction to Biology	3
BIOL-100L	Introduction to Biology Lab	1
BIOL-111	General Biology I	3
BIOL-111L	General Biology I Lab	1
BIOL-112	General Biology II	3
BIOL-112L	General Biology II Lab	1
BIOL-230	Microbiology	3
BIOL-230L	Microbiology Lab	1
BIOL-261	Human Anatomy and Physiology I	3
BIOL-261L	Human Anatomy and Physiology I Lab	1
BIOL-262	Human Anatomy and Physiology II	3
BIOL-262L	Human Anatomy and Physiology II Lab	1
CBIO-230	Forests of Appalachia	4
ENVS-100	Introduction to Environmental Science	4

B. Physical Sciences

Choose from the following courses (also take the corresponding lab):

CHEM-100	Introduction to Chemistry	3
CHEM-100L	Introduction to Chemistry Lab	1
CHEM-111	General Chemistry I	3
CHEM-111L	General Chemistry I Lab	1
CHEM-112	General Chemistry II	3
CHEM-112L	General Chemistry II Lab	1
GEOG-120	Int Phy Geog: Planet Earth	3
GEOG-120L	Int Phy Geog: Planet Earth Lab	1
PHYS-100	Introduction to Physics	3
PHYS-100L	Intro to Physics Lab	1
PHYS-211	General Physics I	3
PHYS-211L	General Physics I Lab	1
PHYS-212	General Physics II	3
PHYS-212L	General Physics II Lab	1
PHYS-251	University Physics I	4
PHYS-251L	University Physics I Lab	1
PHYS-252	University Physics II	4
PHYS-252L	University Physics II Lab	1

***LMU requires all first-time freshmen students with less than 15 credits of college credit to complete UACT 100.**

Required Courses

Item #	Title	Credits
SOCW-100	Intro to Social Work	3
SOCW-230	Introduction to Social Welfare	3
SOCW-240	Orientation to Practice	3
SOCW-310	Hum Behav, Soc Env	3
SOCW-320	Child and Family Welfare	3
SOCW-330	Human Diversity and Social Justice	3
SOCW-340	Practice With Individuals	3
SOCW-380	Social Work Research: Design and Methodology	3
SOCW-385	Social Work Research: Data Analysis	3
SOCW-450	Practice with Groups and Families	3
SOCW-460	Practice with Communities and Organizations	3
SOCW-470	Social Welfare Policy and Issues	3
SOCW-497	Social Work Senior Seminar I	3
SOCW-497F	Social Work Field Experience I	5
SOCW-498	Senior Seminar II	3
SOCW-498F	Field Experience II	5

Additional Elective Requirements

Item #	Title	Credits
	Additional Elective Requirements for the BS in Social Work	**31**
	Total Credits	122

School of Business

Undergraduate Programs

Contact Information

Dean, School of Business
Office Phone: 865.531.4144
Office: Main Campus; Business/Education Building -106

Assistant Dean/Director of Business Doctoral Programs, School of Business
Office Phone: 865.531.4109
Office: Cedar Bluff -193

Undergraduate Department Chair, School of Business
Office Phone: 423.869.6722
Office: Main Campus; Business/Education Building -104

Administrative Assistant, School of Business
Office Phone: 423.869.6378
Office: Main Campus; Business/Education Building -105

School of Business Mission Statement

Through teaching, research, and service, the LMU School of Business develops leaders who contribute to the economic and social prosperity of the Appalachian region and beyond.

School of Business Vision Statement

The LMU School of Business will provide premier programs in business education and will be recognized by its focus on student-centered learning and its effectiveness in preparing inspirational leaders and innovators.

School of Business Values

1. **Academic Excellence:** We promote academic excellence through the continuous development of a rigorous and relevant business curriculum that prepares students to be influential leaders and innovators. We acknowledge the importance of engaging faculty and students in scholarly endeavors for knowledge creation and dissemination.
2. **Community:** We recognize the inherent worth and contributions of every member of the School and University community and strive to foster an environment of active participation where all interactions are grounded in mutual understanding, respect, and appreciation.
3. **Impact:** We strive to produce intellectual contributions that enhance academic knowledge, address real-world business challenges, and drive industry advancements.
4. **Innovation:** We encourage our students, faculty, and staff to take risks, be entrepreneurial, and transform their innovative ideas into tangible outcomes.
5. **Integrity:** We are committed to ethical and responsible behavior in our own actions and expect the same commitment from our stakeholders.

Academic Information

The School of Business offers undergraduate studies leading to the Associate of Business Administration (ABA) degree, the Bachelor of Arts (BA) in Business degree, and the Bachelor of Business Administration (BBA) degree. Additionally, a student may declare a minor in Business or Information Systems by completing a minimum of eighteen hours of specified business courses.

Academic Progression Requirements

In addition to adhering to the University's Standards of Academic Progress, School of Business students must earn a C or better in all business courses (core, concentration, and/or minor) required to complete the program. A student not earning a C or better must repeat the course. Students must adhere to the University's policy on repeating courses.

School of Business Undergraduate Programs Grading Scale

Grades scored between and less than will be recorded as			Grades scored between and less than will be recorded as		
93.5%	100%	A	73.5%	76.5%	C
89.5%	93.5%	A-	69.5%	73.5%	C-
87.5%	89.5%	B+	66.5%	69.5%	D+
83.5%	87.5%	B	63.5%	66.5%	D
79.5%	83.5%	B-	59.5%	63.5%	D-
76.5%	79.5%	C+	0.0%	59.5%	F

School of Business Scholastic Dishonesty, Cheating, and Plagiarism Policies

It is the responsibility of each student to be familiar with the Lincoln Memorial University Student Handbook and course syllabi regarding scholastic dishonesty, cheating, and plagiarism. Cheating may include, but is not limited to, plagiarism, self-plagiarism, copying others' work, sharing work/answers, accessing notes/textbook/electronic devices during quizzes/exams, etc., unless stated otherwise by the instructor.

Self-plagiarism is the re-use or re-submission of one's own intellectual materials, including papers, writings, presentations, and research assignments that were previously submitted for other graded work. Self-plagiarism includes the copying and re-use of one's own words with content from previously submitted assignments or published works as if it is new material without properly citing the prior work. Self-plagiarism includes, but is not limited to:

- Course-to-course submission of the same work that has been submitted within one's current or other degree program(s).
- Resubmission of a previous paper as if it were written for a current class assignment when it has also been submitted as an assignment for a different or previous course.
- Using substantial portions of content from a prior graded paper, presentation, or assignment without a substantial amount of new information and ideas as submitted content for a new assignment.

All assignments, exams, gradable activities are to be completed individually unless specified otherwise by the instructor. On exam days students should not wear hats, hoodies, or other such elusive items. Any instances defined in this syllabus, or defined on any gradable activity, as cheating will be penalized as follows. All offenses will be reported to the Chair of the Department, the Dean of the School, and the Dean of Students, as well as the student's advisor. In addition, on the first offense the offending student will receive a zero (0) score on the assignment/exam/gradable activity, and on the second offense the offending student will receive a failing grade for the course.

Students are also required to abide by Lincoln Memorial University's Academic Integrity Policy, which includes information regarding the use of generative AI.

Graduate Credit for Undergraduate Seniors

The LMU student who has not completed all requirements for the baccalaureate degree may be eligible for master- level graduate study as an undergraduate senior. The student must have an overall GPA of at least 3.0, and must be within nine (9) semester credit hours of completing the total credit hours required for the baccalaureate degree. Undergraduate students who meet these requirements may only enroll in a maximum of six (6) credit hours of master- level study as they must be simultaneously enrolled in the baccalaureate courses that are needed for the completion of their undergraduate degree. Graduate credit will not apply towards the completion of the undergraduate degree and will only apply towards the completion of the student's graduate degree.

Combined Degree Completion Pathways (BA-Business/BBA to MBA)

The BA-Business/BBA to MBA Combined Degree Completion Pathway is an accelerated learning opportunity for School of Business baccalaureate students who exceed in their undergraduate studies. Exceptional students will be provided the opportunity to begin graduate coursework within Master of Business Administration (MBA) program during their senior year. This Combined Degree Completion Pathway will allow students who meet the criteria for program acceptance (see attached acceptance criteria below) to enroll in no more than 6 credit hours of graduate program coursework during their senior year. For undergraduate students, graduate credit hours completed during a student's senior year will apply only to an undergraduate student's upper division elective requirements. However, those graduate credit hours will also count as graduate credits in the related LMU graduate degree program.

For undergraduate students interested in pursuing a baccalaureate-master's combined degree completion pathway, students must meet the following criteria:

1. Senior status (90 credit hours completed);
2. 3.3 overall GPA and 3.3 major GPA;
3. Approval of Department Chair;
4. Approval of Academic Advisor;
5. Approval of School Dean;
6. Approval of appropriate school's Graduate Program Admissions Council; and
7. Meet all behavior and attitude elements of the student conduct code as stated in the Railsplitter Community Standards Guide.

The time to complete the combined degree pathways is accelerated because of "double-counted" courses. Students complete the "double-counted" courses at the higher degree level (or the equivalent degree level if students are pursuing a master's and master's combined degree pathway). This preserves the rigor of the higher-level coursework. In addition to restricting enrollment in combined degree completion pathways based on academic merit, LMU limits the total number of "double- counted" credits for each pathway, ensuring that no combined degree pathway falls far short of 150 total credit hours for an undergraduate-graduate pathway or 60 total credit hours for a graduate-graduate pathway.

For combined degree completion pathways with "double-counted" credits, faculty/program coordinators complete LMU's Transfer Credit Approval Form to accept transfer credit hours in the lower (or equivalent for master's-master's pathway) degree program after students complete the appropriate courses in the higher degree program. This ensures all LMU students complete the minimum required credit hours to earn degrees at all approved levels.

The maximum amount of double-counted credit hours for the BA-Business/BBA pathway is six credit hours. LMU limits eligibility for this pathway to exceptional students who meet the enrollment criteria. Students are still required to meet the student learning outcomes (SLOs) for each program, so the quality and integrity of both programs are not jeopardized."

School of Business - Undergraduate Programs

Undergraduate Degrees Offered

The School of Business offers an Associate of Business Administration, a Bachelor of Arts in Business, and a Bachelor of Business Administration with multiple concentration options. Additionally, minor options are available in General Business and Management Information Studies.

Associate of Business Administration (ABA)

ABA Program Overview

The Associate of Business Administration (ABA) degree requires the completion of a total of 60 credit hours. The curriculum is comprised of both General Education, Business, and degree-specific requirements.

ABA Mission Statement

The Associate of Business Administration program provides students with fundamental business knowledge to enhance their skillsets in diverse professional environments.

Expected Outcomes of the ABA

1. Examine basic principles of management and analytical tools for domestic and global business.
2. Apply basic financial and managerial accounting principles.
3. Develop marketing strategies using marketing research, product development, pricing, distribution, and promotion strategies.
4. Apply financial concepts such as capital budgeting, cash flow analysis and stock and bond evaluations for decision making.

Bachelor of Business Administration (BBA)

BBA Program Overview

The Bachelor of Business Administration (BBA) degree requires the completion of the BBA Core (42 credit hours) and one BBA concentration (24 semester credit hours). A student must successfully complete a total of 122 credit hours to be eligible for graduation, which includes required credit hours from General Education courses, elective courses, BBA core courses, and BBA concentration courses.

In this degree option, a student will choose to complete a concentration in:

1. Accounting (ACCT)
2. Business Analytics (BSAN)
3. Finance (FIN)

4. General Business (BUSN)
5. Healthcare Administration (HCA)
6. Management (MGMT)
7. Management Information Systems (MIS)
8. Marketing (MKTG)
9. Pre-Law (PLAW)
10. Sport Management (SMT)

The student will complete the 24 credit hour curriculum associated with the concentration, of which at least 6 credit hours must be 300/400 level courses. This does not include business core course requirements. Students who wish to declare multiple concentrations must complete 24 distinct credit hours for each concentration.

Note: Three Plus Three Program (Early Entry to Law). Students will complete three years of undergraduate education, complete the BBA Core (36 credit hours), all other LMU graduation requirements, and then, upon completion of the first year of DSOL education, be awarded the Bachelors of Business Administration in Pre-Law (PLAW.BBA). Courses taken during the first year of DSOL will serve as a BBA "Pre-Law" Concentration (24 semester hours).

BBA Mission Statement

The Bachelor of Business Administration and Bachelor of Arts in Business programs shape future business leaders through comprehensive foundational education and develop the knowledge, skills, and abilities required to support career success.

Expected Outcomes of the BBA

1. Examine basic principles of management and analytical tools for domestic and global business.
2. Apply basic financial and managerial accounting principles.
3. Develop marketing strategies using marketing research, product development, pricing, distribution, and promotion strategies.
4. Apply financial concepts such as capital budgeting, cash flow analysis and stock and bond evaluations for decision making.
5. Devise and communicate business strategies using management theory, legal, and ethical principles for sustainable business operations.

Note: BBA concentration-specific outcomes are found on individual curriculum pages.

Bachelor of Arts (BA) in Business

BA in Business Program Overview

The Bachelor of Arts (BA) in Business degree requires the completion of the BA Program Core (42 credit hours). A student must successfully complete a total of 122 credit hours to be eligible for graduation and includes required credit hours from General Education courses, elective courses, and BA-Business Core courses.

BA in Business Mission Statement

The Bachelor of Business Administration and Bachelor of Arts in Business programs shape future business leaders through comprehensive foundational education and develop the knowledge, skills, and abilities required to support career success.

Expected Outcomes of the BA in Business

1. Examine basic principles of management and analytical tools for domestic and global business.
2. Apply basic financial and managerial accounting principles.
3. Develop marketing strategies using marketing research, product development, pricing, distribution, and promotion strategies.
4. Apply financial concepts such as capital budgeting, cash flow analysis and stock and bond evaluations for decision making.

5. Devise and communicate business strategies using management theory, legal, and ethical principles for sustainable business operations.

Note: Students preparing for teacher licensure in General Business should complete the requirements for the Bachelor of Arts (BA) in Business degree. If seeking certification in a specific content area of business, complete the Bachelor of Business Administration (BBA) with a concentration in the selected area. Either degree will require collaborative courses for the Professional Secondary Education Track (BA). Students are encouraged to work closely with advisors within both departments.

Associate of Business Administration (ABA)

Field of Study
Associate of Business Admin.

The Associate of Business Administration (ABA) degree prepares the student to develop the knowledge, understanding, critical thinking, technical skills and abilities required within the realm of business and business studies.

Expected outcomes of the ABA degree include:

1. Examine basic principles of management and analytical tools for domestic and global business.
2. Apply basic financial and managerial accounting principles.
3. Develop marketing strategies using marketing research, product development, pricing, distribution, and promotion strategies.
4. Apply financial concepts such as capital budgeting, cash flow analysis and stock and bond evaluations for decision making.

Associate of Business Administration Curriculum

General Education Requirements (I-VI):

I. LMU Specific Courses

Item #	Title	Credits
	AS General Education - LMU Specific Courses	

LMU Specific Courses

LNCN-100	Lincoln's Life and Legacy	1
UACT-100	Strategies for College Success	1

***LMU requires all first-time freshmen students with fewer than 15 credits of college credit to complete UACT 100.**

II. Communications

Item #	Title	Credits
	AS General Education - Communication	
COMM-200	Fundamentals of Speech Communication	3
ENGL-101	Composition I	3

III. Fine Arts, Humanities & Ethics

Item #	Title	Credits
BUSN-250	Social & Ethical Environment of Business	3

IV. Behavioral/Social Sciences

Item #	Title	Credits
ECON-212	Principles of Microeconomics	3

V. Mathematics

Choose **one** of the following:

Item #	Title	Credits
	AS General Education - Mathematics	**3-4**

Choose **one** course from the following:

MATH-105	Transitional College Mathematics	3
MATH-110	Reasoning and Problem Solving	3
MATH-115	College Algebra	3
MATH-120	Trigonometry	3
MATH-150	Calculus I	4

VI. Natural/Physical Sciences

Choose **one** of the following content and associated lab courses:

Item #	Title	Credits
	AS General Education - Natural Sciences	**4**
BIOL-100	Introduction to Biology	3
BIOL-100L	Introduction to Biology Lab	1
BIOL-230	Microbiology	3
BIOL-230L	Microbiology Lab	1
BIOL-261	Human Anatomy and Physiology I	3
BIOL-261L	Human Anatomy and Physiology I Lab	1
BIOL-262	Human Anatomy and Physiology II	3
BIOL-262L	Human Anatomy and Physiology II Lab	1
CHEM-100	Introduction to Chemistry	3
CHEM-100L	Introduction to Chemistry Lab	1
ENVS-100	Introduction to Environmental Science	4
GEOG-120	Int Phy Geog: Planet Earth	3
GEOG-120L	Int Phy Geog: Planet Earth Lab	1
PHYS-100	Introduction to Physics	3
PHYS-100L	Intro to Physics Lab	1
PHYS-211	General Physics I	3
PHYS-211L	General Physics I Lab	1

VII. Business Associate Core

Item #	Title	Credits
ACCT-210	Financial Accounting	3
ACCT-211	Managerial Accounting	3
BUSN-100	Introduction to Business	3
BUSN-260	Business Analysis Tools	3
BUSN-270	Business Statistics	3
ECON-213	Principles of Macroeconomics	3
FIN-360	Corporate Finance	3
MGMT-300	Principles of Management	3
MKTG-300	Principles of Marketing	3
	Business Elective	**3**
	Business Elective	**3**

Additional ABA Program Requirements

Item #	Title	Credits
ENGL-102	Composition II	3
	ABA History Requirement	**3**
HIST-121	World History to 1500	3
HIST-122	World Hist Since 1500	3
HIST-131	American History to 1877	3
HIST-132	American Hist Since 1877	3
	Total Credits	60-61

Bachelor of Arts (BA) in Business

Field of Study
Bachelor of Arts

The Bachelor of Arts (BA) in Business offers students a broad understanding of core business principles while allowing flexibility to explore complementary fields of study. This degree is ideal for students seeking a well-rounded business education that can be applied across a variety of industries or combined with other academic interests.

Expected outcomes of the BA - Business degree include:

1. Examine basic principles of management and analytical tools for domestic and global business.
2. Apply basic financial and managerial accounting principles.
3. Develop marketing strategies using marketing research, product development, pricing, distribution, and promotion strategies.
4. Apply financial concepts such as capital budgeting, cash flow analysis and stock and bond evaluations for decision making.
5. Devise and communicate business strategies using management theory, legal, and ethical principles for sustainable business operations.

Curriculum
General Education Requirements (I-VII):

I. LMU Specific Courses

Item #	Title	Credits
	2025 General Education - LMU Specific Courses	**4**
UACT-100	Strategies for College Success	1
LNCN-100	Lincoln's Life and Legacy	1
CIVX-300	American Civics	2

***LMU requires all first-time freshmen students with less than 15 credits of college credit to complete UACT 100.**

II. Communication

Item #	Title	Credits
	2025 General Education - Communications	**9**
ENGL-101	Composition I	3
ENGL-102	Composition II	3
COMM-200	Fundamentals of Speech Communication	3

Bachelor of Arts students are required to take 6 hours of a foreign language in addition to the above courses.

III. Ethics, Fine Arts, and Humanities

Item #	Title	Credits
	2025 General Education - Fine Arts, Humanities, and Ethics (for Baccalaureate Degrees)	**6**

Fine Arts, Humanities, and Ethics

Choose **two** of the following (must have different prefixes, e.g. ART and GEOG):

ART-100	Art Appreciation	3
ART-381	Survey of Art History I	3
ART-382	Surv Art Hist II	3
BUSN-250	Social & Ethical Environment of Business	3
ENGL-240	Literary Forms	3
ENGL-250	Literary History and Culture	3
ENGL-350	Narrative, Healing and the Body	3
GEOG-350	Geography of Religion	3
MCOM-410	Media Law and Ethics	3
MUSC-100	Music Appreciation	3
MUSC-468	Survey of World Music	3
PHIL-100	The Meaning of Life	3
PHIL-200	Introduction to Philosophy	3
PHIL-210	Logic and Critical Thinking	3
PHIL-330	Ethics	3
PHIL-430	Medical Ethics	3
REL-210	Surv Old Testament	3
REL-220	Surv New Testament	3
REL-310	Comparative Religions	3
REL-315	Comparative Christianity	3
THEA-100	Intro to Theatre	3
THEA-340	Survey of Dramatic Literature	3

IV. Behavioral/Social Sciences

Item #	Title	Credits
	2024 General Education - Behavioral/Social Sciences	**3**

Choose one of the following courses:

BUSN-380	Personal Finance	3
CRIM-105	Introduction to Criminal Justice	3
ECON-212	Principles of Microeconomics	3
ECON-213	Principles of Macroeconomics	3
GEOG-100	Introduction to Geography	3
GEOG-110	World Regional Geography	3
GEOG-211	Intro to Human Geography	3
GEOG-300	Environmental Geography	3
POLS-100	American Government: National	3
POLS-240	Intro to Political Ideas	3
POLS-250	Introduction to International Relations	3
PSYC-100	Introduction to Psychology	3
PSYC-221	Child and Adolescent Development	3
PSYC-222	Adult Development	3
SOCI-100	Introduction to Sociology	3

V. History

Item #	Title	Credits
	2025 General Education - History	**6**
HIST-121	World History to 1500	3
HIST-122	World Hist Since 1500	3
HIST-131	American History to 1877	3
HIST-132	American Hist Since 1877	3

VI. Mathematics

(*see* **Mathematics Placement**)

Item #	Title	Credits
	2025 General Education - Mathematics	**3**

Choose **one** course from the following:

MATH-110	Reasoning and Problem Solving	3
MATH-115	College Algebra	3
MATH-120	Trigonometry	3
MATH-150	Calculus I	4

VII. Natural Sciences/Physical Sciences

Item #	Title	Credits
	2025 General Education - Natural/Physical Sciences - BA/BBA Degrees	**4**

A. Life Sciences

Choose **one** of the following courses and the corresponding lab:

4 credit hours

BIOL-100	Introduction to Biology	3
BIOL-100L	Introduction to Biology Lab	1
BIOL-111	General Biology I	3
BIOL-111L	General Biology I Lab	1
BIOL-112	General Biology II	3
BIOL-112L	General Biology II Lab	1
BIOL-230	Microbiology	3
BIOL-230L	Microbiology Lab	1
BIOL-261	Human Anatomy and Physiology I	3
BIOL-261L	Human Anatomy and Physiology I Lab	1
BIOL-262	Human Anatomy and Physiology II	3
BIOL-262L	Human Anatomy and Physiology II Lab	1
CBIO-230	Forests of Appalachia	4
ENVS-100	Introduction to Environmental Science	4

B. Physical Sciences

Choose **one** of the following:

4 credit hours

CHEM-100	Introduction to Chemistry	3
CHEM-100L	Introduction to Chemistry Lab	1
CHEM-111	General Chemistry I	3
CHEM-111L	General Chemistry I Lab	1
CHEM-112	General Chemistry II	3
CHEM-112L	General Chemistry II Lab	1
GEOG-120	Int Phy Geog: Planet Earth	3
GEOG-120L	Int Phy Geog: Planet Earth Lab	1
PHYS-100	Introduction to Physics	3
PHYS-100L	Intro to Physics Lab	1
PHYS-211	General Physics I	3
PHYS-211L	General Physics I Lab	1
PHYS-212	General Physics II	3
PHYS-212L	General Physics II Lab	1
PHYS-251	University Physics I	4
PHYS-251L	University Physics I Lab	1
PHYS-252	University Physics II	4
PHYS-252L	University Physics II Lab	1

***LMU requires all first-time freshmen students with less than 15 credits of college credit to complete UACT 100.**

BBA Core

Item #	Title	Credits
ACCT-210	Financial Accounting	3
ACCT-211	Managerial Accounting	3
ECON-212	Principles of Microeconomics	3
ECON-213	Principles of Macroeconomics	3
BUSN-260	Business Analysis Tools	3
BUSN-270	Business Statistics	3
BSAN-300	Fundamentals of Business Analytics	3
BUSN-350	Business Communications	3
BUSN-350X	Junior Writing Requirement	0
FIN-360	Corporate Finance	3
ISYS-315	Fundamentals of Information Systems	3
MGMT-300	Principles of Management	3
MKTG-300	Principles of Marketing	3
BUSN-440	Legal Issues in Business	3
BUSN-440Z	Senior Writing Requirement	0
BUSN-450	Business Strategy	3

BA Degree Requirements

Item #	Title	Credits
	Foreign Language (same language)	**6**

Additional Elective Requirements

*For the baccalaureate degree, students must complete a minimum of **36 semester credit hours of 300/400-level courses**.

	Total Credits	122

Professional Secondary Education Track (BA in Business or BBA)

Field of Study
Bachelor of Arts

The Professional Secondary Education Track is available to students preparing for teacher licensure in business. Students will complete the course requirements associated with the Professional Secondary Education Track in addition to the those required of the Bachelor of Arts (BA) in Business degree or the Bachelor of Business Administration (BBA) degree.

Students preparing for teacher licensure in General Business should complete the requirements for the Bachelor of Arts (BA) in Business degree. If seeking certification in a specific content area of business, complete the Bachelor of Business Administration (BBA) with a concentration in the selected area. Either degree will require collaborative courses for the Professional Secondary Education Track (BA). Students are encouraged to work closely with advisors within both departments.

*Candidates in secondary licensure programs are not required to adhere to transition; however, they must meet the same requirements for provisional and formal admissions.

Required Courses

Item #	Title	Credits
EDUC-210	Instructional Technology & Learning Resources	2
EDUC-290	The Teaching Profession	3
SPED-320	Differentiated Instruction	3
EDUC-360	Secondary Instructional Methods and Strategies	3
EDUC-370	Measurement and Evaluation	2
EDUC-380	Literacy Across Secondary Curricula	2
EDUC-390	Learning About Learners	2
EDUC-460	Methods of Instruction in Secondary Schools	3
EDUC-480	Clinical Practice I	2
EDUC-497	Enhanced Clinical Practice II	9
EDUC-497F	Enhanced Clinical Practice II Seminar	3
PSYC-221	Child and Adolescent Development	3
PSYC-370	Educational Psychology	3

*Candidates in secondary licensure programs are not required to adhere to transition; however, they must meet the same requirements for provisional and formal admissions.

	Total Credits	40

Bachelor of Business Administration (BBA) - Accounting

Field of Study
Bachelor of Business Admin.

The Accounting concentration provides students with a strong foundation in accounting concepts and principles, preparing them for diverse career opportunities in the field. Students will develop knowledge in financial reporting, taxation, auditing, managerial accounting, and accounting information systems while gaining practical experience with industry-standard tools and technologies. Graduates will be prepared for careers in public accounting, corporate finance, government, and nonprofit organizations.

Expected outcomes of the BBA - Accounting concentration include:

1. Apply the steps and processes of the accounting cycles using manual and computerized accounting systems.
2. Apply cost accounting principles to service and manufacturing environments.

Curriculum

General Education Requirements (I-VII):

I. LMU Specific Courses

Item #	Title	Credits
	2025 General Education - LMU Specific Courses	**4**
UACT-100	Strategies for College Success	1
LNCN-100	Lincoln's Life and Legacy	1
CIVX-300	American Civics	2

***LMU requires all first-time freshmen students with less than 15 credits of college credit to complete UACT 100.**

II. Communication

Item #	Title	Credits
	2025 General Education - Communications	**9**
ENGL-101	Composition I	3
ENGL-102	Composition II	3
COMM-200	Fundamentals of Speech Communication	3

Bachelor of Arts students are required to take 6 hours of a foreign language in addition to the above courses.

III. Ethics, Fine Arts, History, or Humanities

Item #	Title	Credits
	2025 General Education - Fine Arts, Humanities, and Ethics (for Baccalaureate Degrees)	**6**

Fine Arts, Humanities, and Ethics

Choose **two** of the following (must have different prefixes, e.g. ART and GEOG):

ART-100	Art Appreciation	3
ART-381	Survey of Art History I	3
ART-382	Surv Art Hist II	3
BUSN-250	Social & Ethical Environment of Business	3
ENGL-240	Literary Forms	3
ENGL-250	Literary History and Culture	3
ENGL-350	Narrative, Healing and the Body	3
GEOG-350	Geography of Religion	3
MCOM-410	Media Law and Ethics	3
MUSC-100	Music Appreciation	3
MUSC-468	Survey of World Music	3
PHIL-100	The Meaning of Life	3
PHIL-200	Introduction to Philosophy	3
PHIL-210	Logic and Critical Thinking	3
PHIL-330	Ethics	3
PHIL-430	Medical Ethics	3
REL-210	Surv Old Testament	3
REL-220	Surv New Testament	3
REL-310	Comparative Religions	3
REL-315	Comparative Christianity	3
THEA-100	Intro to Theatre	3
THEA-340	Survey of Dramatic Literature	3

IV. Behavioral/Social Sciences

Item #	Title	Credits
	2024 General Education - Behavioral/Social Sciences	**3**

Choose one of the following courses:

BUSN-380	Personal Finance	3
CRIM-105	Introduction to Criminal Justice	3
ECON-212	Principles of Microeconomics	3
ECON-213	Principles of Macroeconomics	3
GEOG-100	Introduction to Geography	3
GEOG-110	World Regional Geography	3
GEOG-211	Intro to Human Geography	3
GEOG-300	Environmental Geography	3
POLS-100	American Government: National	3
POLS-240	Intro to Political Ideas	3
POLS-250	Introduction to International Relations	3
PSYC-100	Introduction to Psychology	3
PSYC-221	Child and Adolescent Development	3
PSYC-222	Adult Development	3
SOCI-100	Introduction to Sociology	3

V. History

Item #	Title	Credits
	2025 General Education - History	**6**
HIST-121	World History to 1500	3
HIST-122	World Hist Since 1500	3
HIST-131	American History to 1877	3
HIST-132	American Hist Since 1877	3

VI. Mathematics

(*see* **Mathematics Placement**)

Item #	Title	Credits
	2025 General Education - Mathematics	**3**

Choose **one** course from the following:

MATH-110	Reasoning and Problem Solving	3
MATH-115	College Algebra	3
MATH-120	Trigonometry	3
MATH-150	Calculus I	4

VII. Natural Sciences/Physical Sciences

Item #	Title	Credits
	2025 General Education - Natural/Physical Sciences - BA/BBA Degrees	**4**

A. Life Sciences

Choose **one** of the following courses and the corresponding lab:

4 credit hours

BIOL-100	Introduction to Biology	3
BIOL-100L	Introduction to Biology Lab	1
BIOL-111	General Biology I	3
BIOL-111L	General Biology I Lab	1
BIOL-112	General Biology II	3
BIOL-112L	General Biology II Lab	1
BIOL-230	Microbiology	3
BIOL-230L	Microbiology Lab	1
BIOL-261	Human Anatomy and Physiology I	3
BIOL-261L	Human Anatomy and Physiology I Lab	1
BIOL-262	Human Anatomy and Physiology II	3
BIOL-262L	Human Anatomy and Physiology II Lab	1
CBIO-230	Forests of Appalachia	4
ENVS-100	Introduction to Environmental Science	4

B. Physical Sciences

Choose **one** of the following:

4 credit hours

CHEM-100	Introduction to Chemistry	3
CHEM-100L	Introduction to Chemistry Lab	1
CHEM-111	General Chemistry I	3
CHEM-111L	General Chemistry I Lab	1
CHEM-112	General Chemistry II	3
CHEM-112L	General Chemistry II Lab	1
GEOG-120	Int Phy Geog: Planet Earth	3
GEOG-120L	Int Phy Geog: Planet Earth Lab	1
PHYS-100	Introduction to Physics	3
PHYS-100L	Intro to Physics Lab	1
PHYS-211	General Physics I	3
PHYS-211L	General Physics I Lab	1
PHYS-212	General Physics II	3
PHYS-212L	General Physics II Lab	1
PHYS-251	University Physics I	4
PHYS-251L	University Physics I Lab	1
PHYS-252	University Physics II	4
PHYS-252L	University Physics II Lab	1

***LMU requires all first-time freshmen students with less than 15 credits of college credit to complete UACT 100.**

BBA Core

Item #	Title	Credits
ACCT-210	Financial Accounting	3
ACCT-211	Managerial Accounting	3
ECON-212	Principles of Microeconomics	3
ECON-213	Principles of Macroeconomics	3
BUSN-260	Business Analysis Tools	3
BUSN-270	Business Statistics	3
BSAN-300	Fundamentals of Business Analytics	3
BUSN-350	Business Communications	3
BUSN-350X	Junior Writing Requirement	0
FIN-360	Corporate Finance	3
ISYS-315	Fundamentals of Information Systems	3
MGMT-300	Principles of Management	3
MKTG-300	Principles of Marketing	3
BUSN-440	Legal Issues in Business	3
BUSN-440Z	Senior Writing Requirement	0
BUSN-450	Business Strategy	3

Accounting Concentration

Item #	Title	Credits
ACCT-310	Intermediate Accounting I	3
ACCT-311	Intermediate Accounting II	3
ACCT-320	Cost Management	3
ACCT-330	Income Tax	3
ACCT-430	Accounting Information Systems	3
ACCT-440	Auditing	3

Choose **two** of the following courses:

Item #	Title	Credits
ACCT-400	Advanced Accounting	3
ACCT-420	International Accounting	3
ACCT-498	Accounting Internship	1-3

Additional Elective Requirements

*For the baccalaureate degree, students must complete a minimum of **36 semester credit hours of 300/400-level courses**.

	Total Credits	122

Bachelor of Business Administration (BBA) - Business Analytics

Field of Study

Bachelor of Business Admin.

The Business Analytics concentration focuses on statistical analysis, business intelligence, data visualization, and programming for analytics, equipping students with the ability to transform raw data into actionable insights. Students will develop skills in business decision modeling, data mining, and database design while learning how to utilize big data and visualization tools to support strategic planning. By integrating business intelligence with advanced analytics techniques, students will learn to recognize patterns, predict trends, and optimize business performance.

Graduates of this concentration will be prepared for careers in data analysis, business intelligence, data science, operations research, market analysis, and other roles that require strong analytical and problem-solving skills in various industries.

Expected outcomes of the BBA - Business Analytics concentration include:

1. Students will be critical thinkers and demonstrate skills to select and apply appropriate models, tools, techniques, and frameworks to interpret data and make informed business decisions, recognize trends, detect outliers, and summarize data sets.
2. Students will identify, analyze, and resolve ethical issues in data management, information security, business scenarios involving business decisions, and data modeling.
3. Students will exhibit effective communication using audience appropriate terminology to relay complex data analysis and management decision techniques to stakeholders.

Curriculum

General Education Requirements (I-VII):

I. LMU Specific Courses

Item #	Title	Credits
	2025 General Education - LMU Specific Courses	**4**
UACT-100	Strategies for College Success	1
LNCN-100	Lincoln's Life and Legacy	1
CIVX-300	American Civics	2

***LMU requires all first-time freshmen students with less than 15 credits of college credit to complete UACT 100.**

II. Communication

Item #	Title	Credits
	2025 General Education - Communications	**9**
ENGL-101	Composition I	3
ENGL-102	Composition II	3
COMM-200	Fundamentals of Speech Communication	3

Bachelor of Arts students are required to take 6 hours of a foreign language in addition to the above courses.

III. Ethics, Fine Arts, History, or Humanities

Item #	Title	Credits
	2025 General Education - Fine Arts, Humanities, and Ethics (for Baccalaureate Degrees)	**6**

Fine Arts, Humanities, and Ethics

Choose **two** of the following (must have different prefixes, e.g. ART and GEOG):

ART-100	Art Appreciation	3
ART-381	Survey of Art History I	3
ART-382	Surv Art Hist II	3
BUSN-250	Social & Ethical Environment of Business	3
ENGL-240	Literary Forms	3
ENGL-250	Literary History and Culture	3
ENGL-350	Narrative, Healing and the Body	3
GEOG-350	Geography of Religion	3
MCOM-410	Media Law and Ethics	3
MUSC-100	Music Appreciation	3
MUSC-468	Survey of World Music	3
PHIL-100	The Meaning of Life	3
PHIL-200	Introduction to Philosophy	3
PHIL-210	Logic and Critical Thinking	3
PHIL-330	Ethics	3
PHIL-430	Medical Ethics	3
REL-210	Surv Old Testament	3
REL-220	Surv New Testament	3
REL-310	Comparative Religions	3
REL-315	Comparative Christianity	3
THEA-100	Intro to Theatre	3
THEA-340	Survey of Dramatic Literature	3

IV. Behavioral/Social Sciences

Item #	Title	Credits
	2024 General Education - Behavioral/Social Sciences	**3**

Choose one of the following courses:

BUSN-380	Personal Finance	3
CRIM-105	Introduction to Criminal Justice	3
ECON-212	Principles of Microeconomics	3
ECON-213	Principles of Macroeconomics	3
GEOG-100	Introduction to Geography	3
GEOG-110	World Regional Geography	3
GEOG-211	Intro to Human Geography	3
GEOG-300	Environmental Geography	3
POLS-100	American Government: National	3
POLS-240	Intro to Political Ideas	3
POLS-250	Introduction to International Relations	3
PSYC-100	Introduction to Psychology	3
PSYC-221	Child and Adolescent Development	3
PSYC-222	Adult Development	3
SOCI-100	Introduction to Sociology	3

V. History

Item #	Title	Credits
	2025 General Education - History	**6**
HIST-121	World History to 1500	3
HIST-122	World Hist Since 1500	3
HIST-131	American History to 1877	3
HIST-132	American Hist Since 1877	3

VI. Mathematics

(*see* **Mathematics Placement**)

Item #	Title	Credits
	2025 General Education - Mathematics	**3**

Choose **one** course from the following:

MATH-110	Reasoning and Problem Solving	3
MATH-115	College Algebra	3
MATH-120	Trigonometry	3
MATH-150	Calculus I	4

VII. Natural Sciences/Physical Sciences

Item #	Title	Credits
	2025 General Education - Natural/Physical Sciences - BA/BBA Degrees	**4**

A. Life Sciences

Choose **one** of the following courses and the corresponding lab:

4 credit hours

BIOL-100	Introduction to Biology	3
BIOL-100L	Introduction to Biology Lab	1
BIOL-111	General Biology I	3
BIOL-111L	General Biology I Lab	1
BIOL-112	General Biology II	3
BIOL-112L	General Biology II Lab	1
BIOL-230	Microbiology	3
BIOL-230L	Microbiology Lab	1
BIOL-261	Human Anatomy and Physiology I	3
BIOL-261L	Human Anatomy and Physiology I Lab	1
BIOL-262	Human Anatomy and Physiology II	3
BIOL-262L	Human Anatomy and Physiology II Lab	1
CBIO-230	Forests of Appalachia	4
ENVS-100	Introduction to Environmental Science	4

B. Physical Sciences

Choose **one** of the following:

4 credit hours

CHEM-100	Introduction to Chemistry	3
CHEM-100L	Introduction to Chemistry Lab	1
CHEM-111	General Chemistry I	3
CHEM-111L	General Chemistry I Lab	1
CHEM-112	General Chemistry II	3
CHEM-112L	General Chemistry II Lab	1
GEOG-120	Int Phy Geog: Planet Earth	3
GEOG-120L	Int Phy Geog: Planet Earth Lab	1
PHYS-100	Introduction to Physics	3
PHYS-100L	Intro to Physics Lab	1
PHYS-211	General Physics I	3
PHYS-211L	General Physics I Lab	1
PHYS-212	General Physics II	3
PHYS-212L	General Physics II Lab	1
PHYS-251	University Physics I	4
PHYS-251L	University Physics I Lab	1
PHYS-252	University Physics II	4
PHYS-252L	University Physics II Lab	1

***LMU requires all first-time freshmen students with less than 15 credits of college credit to complete UACT 100.**

BBA Core

Item #	Title	Credits
ACCT-210	Financial Accounting	3
ACCT-211	Managerial Accounting	3
ECON-212	Principles of Microeconomics	3
ECON-213	Principles of Macroeconomics	3
BUSN-260	Business Analysis Tools	3
BUSN-270	Business Statistics	3
BSAN-300	Fundamentals of Business Analytics	3
BUSN-350	Business Communications	3
BUSN-350X	Junior Writing Requirement	0
FIN-360	Corporate Finance	3
ISYS-315	Fundamentals of Information Systems	3
MGMT-300	Principles of Management	3
MKTG-300	Principles of Marketing	3
BUSN-440	Legal Issues in Business	3
BUSN-440Z	Senior Writing Requirement	0
BUSN-450	Business Strategy	3

Business Analytics Concentration

Item #	Title	Credits
BSAN-314	Statistics for Analytics	3
BSAN-340	Business Visualization & Reporting	3
BSAN-440	Predictive Modeling & Prescriptive Analytics	3
BSAN-460	Data Mining	3
BUSN-344	Project Management for Improving Business Systems	3
BUSN-444	Analytical Programming for Business	3
BUSN-445	Applied Problem-Solving for Business Systems	3
MGMT-324	Essentials of Technology Management	3

Additional Elective Requirements

*For the baccalaureate degree, students must complete a minimum of **36 semester credit hours of 300/400-level courses**.

	Total Credits	122

Bachelor of Business Administration (BBA) - Finance

Field of Study
Bachelor of Business Admin.

The Finance concentration provides students with a strong foundation in financial management, investment analysis, banking, and international accounting. Students will develop the ability to analyze financial data, assess risks, and make strategic financial decisions. They will gain expertise in evaluating investment opportunities, managing financial markets and institutions, forecasting and budgeting, and understanding global financial regulations. Additionally, the concentration emphasizes personal and corporate financial planning, equipping students with the skills to navigate both individual and organizational financial strategies effectively.

Graduates of this concentration will be prepared for careers in financial analysis, investment banking, commercial banking, financial planning, risk management, corporate finance, and international finance.

Expected outcomes of the BBA - Finance concentration include:

1. Solve complex financial and budgeting problems and challenges by combining relevant financial theories and techniques.
2. Apply international accounting and financial principles for domestic and global business environments.

Curriculum

General Education Requirements (I-VII):

I. LMU Specific Courses

Item #	Title	Credits
	2025 General Education - LMU Specific Courses	**4**
UACT-100	Strategies for College Success	1
LNCN-100	Lincoln's Life and Legacy	1
CIVX-300	American Civics	2

***LMU requires all first-time freshmen students with less than 15 credits of college credit to complete UACT 100.**

II. Communication

Item #	Title	Credits
	2025 General Education - Communications	**9**
ENGL-101	Composition I	3
ENGL-102	Composition II	3
COMM-200	Fundamentals of Speech Communication	3

Bachelor of Arts students are required to take 6 hours of a foreign language in addition to the above courses.

III. Ethics, Fine Arts, History, or Humanities

Item #	Title	Credits
	2025 General Education - Fine Arts, Humanities, and Ethics (for Baccalaureate Degrees)	**6**

Fine Arts, Humanities, and Ethics

Choose **two** of the following (must have different prefixes, e.g. ART and GEOG):

ART-100	Art Appreciation	3
ART-381	Survey of Art History I	3
ART-382	Surv Art Hist II	3
BUSN-250	Social & Ethical Environment of Business	3
ENGL-240	Literary Forms	3
ENGL-250	Literary History and Culture	3
ENGL-350	Narrative, Healing and the Body	3
GEOG-350	Geography of Religion	3
MCOM-410	Media Law and Ethics	3
MUSC-100	Music Appreciation	3
MUSC-468	Survey of World Music	3
PHIL-100	The Meaning of Life	3
PHIL-200	Introduction to Philosophy	3
PHIL-210	Logic and Critical Thinking	3
PHIL-330	Ethics	3
PHIL-430	Medical Ethics	3
REL-210	Surv Old Testament	3
REL-220	Surv New Testament	3
REL-310	Comparative Religions	3
REL-315	Comparative Christianity	3
THEA-100	Intro to Theatre	3
THEA-340	Survey of Dramatic Literature	3

IV. Behavioral/Social Sciences

Item #	Title	Credits
	2024 General Education - Behavioral/Social Sciences	**3**

Choose one of the following courses:

BUSN-380	Personal Finance	3
CRIM-105	Introduction to Criminal Justice	3
ECON-212	Principles of Microeconomics	3
ECON-213	Principles of Macroeconomics	3
GEOG-100	Introduction to Geography	3
GEOG-110	World Regional Geography	3
GEOG-211	Intro to Human Geography	3
GEOG-300	Environmental Geography	3
POLS-100	American Government: National	3
POLS-240	Intro to Political Ideas	3
POLS-250	Introduction to International Relations	3
PSYC-100	Introduction to Psychology	3
PSYC-221	Child and Adolescent Development	3
PSYC-222	Adult Development	3
SOCI-100	Introduction to Sociology	3

V. History

Item #	Title	Credits
	2025 General Education - History	**6**
HIST-121	World History to 1500	3
HIST-122	World Hist Since 1500	3
HIST-131	American History to 1877	3
HIST-132	American Hist Since 1877	3

VI. Mathematics

(*see* **Mathematics Placement**)

Item #	Title	Credits
	2025 General Education - Mathematics	**3**

Choose **one** course from the following:

MATH-110	Reasoning and Problem Solving	3
MATH-115	College Algebra	3
MATH-120	Trigonometry	3
MATH-150	Calculus I	4

VII. Natural Sciences/Physical Sciences

Item #	Title	Credits
	2025 General Education - Natural/Physical Sciences - BA/BBA Degrees	**4**

A. Life Sciences

Choose **one** of the following courses and the corresponding lab:

4 credit hours

BIOL-100	Introduction to Biology	3
BIOL-100L	Introduction to Biology Lab	1
BIOL-111	General Biology I	3
BIOL-111L	General Biology I Lab	1
BIOL-112	General Biology II	3
BIOL-112L	General Biology II Lab	1
BIOL-230	Microbiology	3
BIOL-230L	Microbiology Lab	1
BIOL-261	Human Anatomy and Physiology I	3
BIOL-261L	Human Anatomy and Physiology I Lab	1
BIOL-262	Human Anatomy and Physiology II	3
BIOL-262L	Human Anatomy and Physiology II Lab	1
CBIO-230	Forests of Appalachia	4
ENVS-100	Introduction to Environmental Science	4

B. Physical Sciences

Choose **one** of the following:

4 credit hours

CHEM-100	Introduction to Chemistry	3
CHEM-100L	Introduction to Chemistry Lab	1
CHEM-111	General Chemistry I	3
CHEM-111L	General Chemistry I Lab	1
CHEM-112	General Chemistry II	3
CHEM-112L	General Chemistry II Lab	1
GEOG-120	Int Phy Geog: Planet Earth	3
GEOG-120L	Int Phy Geog: Planet Earth Lab	1
PHYS-100	Introduction to Physics	3
PHYS-100L	Intro to Physics Lab	1
PHYS-211	General Physics I	3
PHYS-211L	General Physics I Lab	1
PHYS-212	General Physics II	3
PHYS-212L	General Physics II Lab	1
PHYS-251	University Physics I	4
PHYS-251L	University Physics I Lab	1
PHYS-252	University Physics II	4
PHYS-252L	University Physics II Lab	1

***LMU requires all first-time freshmen students with less than 15 credits of college credit to complete UACT 100.**

BBA Core

Item #	Title	Credits
ACCT-210	Financial Accounting	3
ACCT-211	Managerial Accounting	3
ECON-212	Principles of Microeconomics	3
ECON-213	Principles of Macroeconomics	3
BUSN-260	Business Analysis Tools	3
BUSN-270	Business Statistics	3
BSAN-300	Fundamentals of Business Analytics	3
BUSN-350	Business Communications	3
BUSN-350X	Junior Writing Requirement	0
FIN-360	Corporate Finance	3
ISYS-315	Fundamentals of Information Systems	3
MGMT-300	Principles of Management	3
MKTG-300	Principles of Marketing	3
BUSN-440	Legal Issues in Business	3
BUSN-440Z	Senior Writing Requirement	0
BUSN-450	Business Strategy	3

Finance Concentration

Item #	Title	Credits
ACCT-420	International Accounting	3
BUSN-380	Personal Finance	3
BUSN-460	Managerial Finance	3
FIN-350	Bank Management	3
FIN-370	Financial Markets & Institutions	3
FIN-380	Investment Analysis & Portfolio Management	3
FIN-420	Advanced Financial Management	3
FIN-430	Financial Forecasting & Budgeting	3

Additional Elective Requirements

*For the baccalaureate degree, students must complete a minimum of **36 semester credit hours of 300/400-level courses**.

	Total Credits	122

Bachelor of Business Administration (BBA) - General Business

Field of Study
Bachelor of Business Admin.

The General Business concentration provides students with a broad and flexible business education by allowing them to take courses across multiple disciplines. Students will develop a well-rounded understanding of key business functions, including finance, marketing, management, accounting, business analytics, and information systems. This concentration requires students to select courses from at least three different areas, enabling them to tailor their studies to their career interests and develop diverse skill sets.

Graduates of this concentration will be prepared for a wide range of career opportunities in business operations, management, entrepreneurship, consulting, and other dynamic business environments that require interdisciplinary knowledge and adaptability.

Expected outcomes of the BBA degree include:

1. Examine basic principles of management and analytical tools for domestic and global business.
2. Apply basic financial and managerial accounting principles.
3. Develop marketing strategies using marketing research, product development, pricing, distribution, and promotion strategies.
4. Apply financial concepts such as capital budgeting, cash flow analysis and stock and bond evaluations for decision making.
5. Devise and communicate business strategies using management theory, legal, and ethical principles for sustainable business operations.

Curriculum

General Education Requirements (I-VII):

I. LMU Specific Courses

Item #	Title	Credits
	2025 General Education - LMU Specific Courses	**4**
UACT-100	Strategies for College Success	1
LNCN-100	Lincoln's Life and Legacy	1
CIVX-300	American Civics	2

***LMU requires all first-time freshmen students with less than 15 credits of college credit to complete UACT 100.**

II. Communication

Item #	Title	Credits
	2025 General Education - Communications	**9**
ENGL-101	Composition I	3
ENGL-102	Composition II	3
COMM-200	Fundamentals of Speech Communication	3

Bachelor of Arts students are required to take 6 hours of a foreign language in addition to the above courses.

III. Ethics, Fine Arts, History, or Humanities

Item #	Title	Credits
	2025 General Education - Fine Arts, Humanities, and Ethics (for Baccalaureate Degrees)	**6**

Fine Arts, Humanities, and Ethics

Choose **two** of the following (must have different prefixes, e.g. ART and GEOG):

ART-100	Art Appreciation	3
ART-381	Survey of Art History I	3
ART-382	Surv Art Hist II	3
BUSN-250	Social & Ethical Environment of Business	3
ENGL-240	Literary Forms	3
ENGL-250	Literary History and Culture	3
ENGL-350	Narrative, Healing and the Body	3
GEOG-350	Geography of Religion	3
MCOM-410	Media Law and Ethics	3
MUSC-100	Music Appreciation	3
MUSC-468	Survey of World Music	3
PHIL-100	The Meaning of Life	3
PHIL-200	Introduction to Philosophy	3
PHIL-210	Logic and Critical Thinking	3
PHIL-330	Ethics	3
PHIL-430	Medical Ethics	3
REL-210	Surv Old Testament	3
REL-220	Surv New Testament	3
REL-310	Comparative Religions	3
REL-315	Comparative Christianity	3
THEA-100	Intro to Theatre	3
THEA-340	Survey of Dramatic Literature	3

IV. Behavioral/Social Sciences

Item #	Title	Credits
	2024 General Education - Behavioral/Social Sciences	**3**

Choose one of the following courses:

BUSN-380	Personal Finance	3
CRIM-105	Introduction to Criminal Justice	3
ECON-212	Principles of Microeconomics	3
ECON-213	Principles of Macroeconomics	3
GEOG-100	Introduction to Geography	3
GEOG-110	World Regional Geography	3
GEOG-211	Intro to Human Geography	3
GEOG-300	Environmental Geography	3
POLS-100	American Government: National	3
POLS-240	Intro to Political Ideas	3
POLS-250	Introduction to International Relations	3
PSYC-100	Introduction to Psychology	3
PSYC-221	Child and Adolescent Development	3
PSYC-222	Adult Development	3
SOCI-100	Introduction to Sociology	3

V. History

Item #	Title	Credits
	2025 General Education - History	**6**
HIST-121	World History to 1500	3
HIST-122	World Hist Since 1500	3
HIST-131	American History to 1877	3
HIST-132	American Hist Since 1877	3

VI. Mathematics

(*see* **Mathematics Placement**)

Item #	Title	Credits
	2025 General Education - Mathematics	**3**

Choose **one** course from the following:

MATH-110	Reasoning and Problem Solving	3
MATH-115	College Algebra	3
MATH-120	Trigonometry	3
MATH-150	Calculus I	4

VII. Natural Sciences/Physical Sciences

Item #	Title	Credits
	2025 General Education - Natural/Physical Sciences - BA/BBA Degrees	**4**

A. Life Sciences

Choose **one** of the following courses and the corresponding lab:

4 credit hours

BIOL-100	Introduction to Biology	3
BIOL-100L	Introduction to Biology Lab	1
BIOL-111	General Biology I	3
BIOL-111L	General Biology I Lab	1
BIOL-112	General Biology II	3
BIOL-112L	General Biology II Lab	1
BIOL-230	Microbiology	3
BIOL-230L	Microbiology Lab	1
BIOL-261	Human Anatomy and Physiology I	3
BIOL-261L	Human Anatomy and Physiology I Lab	1
BIOL-262	Human Anatomy and Physiology II	3
BIOL-262L	Human Anatomy and Physiology II Lab	1
CBIO-230	Forests of Appalachia	4
ENVS-100	Introduction to Environmental Science	4

B. Physical Sciences

Choose **one** of the following:

4 credit hours

CHEM-100	Introduction to Chemistry	3
CHEM-100L	Introduction to Chemistry Lab	1
CHEM-111	General Chemistry I	3
CHEM-111L	General Chemistry I Lab	1
CHEM-112	General Chemistry II	3
CHEM-112L	General Chemistry II Lab	1
GEOG-120	Int Phy Geog: Planet Earth	3
GEOG-120L	Int Phy Geog: Planet Earth Lab	1
PHYS-100	Introduction to Physics	3
PHYS-100L	Intro to Physics Lab	1
PHYS-211	General Physics I	3
PHYS-211L	General Physics I Lab	1
PHYS-212	General Physics II	3
PHYS-212L	General Physics II Lab	1
PHYS-251	University Physics I	4
PHYS-251L	University Physics I Lab	1
PHYS-252	University Physics II	4
PHYS-252L	University Physics II Lab	1

***LMU requires all first-time freshmen students with less than 15 credits of college credit to complete UACT 100.**

BBA Core

Item #	Title	Credits
ACCT-210	Financial Accounting	3
ACCT-211	Managerial Accounting	3
ECON-212	Principles of Microeconomics	3
ECON-213	Principles of Macroeconomics	3
BUSN-260	Business Analysis Tools	3
BUSN-270	Business Statistics	3
BSAN-300	Fundamentals of Business Analytics	3
BUSN-350	Business Communications	3
BUSN-350X	Junior Writing Requirement	0
FIN-360	Corporate Finance	3
ISYS-315	Fundamentals of Information Systems	3
MGMT-300	Principles of Management	3
MKTG-300	Principles of Marketing	3
BUSN-440	Legal Issues in Business	3
BUSN-440Z	Senior Writing Requirement	0
BUSN-450	Business Strategy	3

General Business Concentration

To complete a concentration in General Business, BBA students must complete 24 credit hours of non-core 300/400-level business courses with 3 separate prefixes (Ex: ACCT, MKTG, & MGMT).

Item #	Title	Credits
	Business Elective (Any Business curriculum course non-BBA core 300/400 level)	**3**
	Business Elective (Any Business curriculum course non-BBA core 300/400 level)	**3**
	Business Elective (Any Business curriculum course non-BBA core 300/400 level)	**3**
	Business Elective (Any Business curriculum course non-BBA core 300/400 level)	**3**
	Business Elective (Any Business curriculum course non-BBA core 300/400 level)	**3**
	Business Elective (Any Business curriculum course non-BBA core 300/400 level)	**3**
	Business Elective (Any Business curriculum course non-BBA core 300/400 level)	**3**
	Business Elective (Any Business curriculum course non-BBA core 300/400 level)	**3**

Additional Elective Requirements

*For the baccalaureate degree, students must complete a minimum of **36 semester credit hours of 300/400-level courses.**

	Total Credits	122

Bachelor of Business Administration (BBA) - Healthcare Administration

Field of Study

Bachelor of Business Admin.

The Healthcare Administration concentration provides students with a comprehensive understanding of business operations within the healthcare industry, preparing them to manage and improve healthcare organizations. Students will explore key aspects of healthcare administration, including the role of research and informatics in decision-making, strategies for enhancing patient care and quality of life, and best practices for creating and maintaining safe and efficient healthcare environments. A hands-on internship experience allows students to apply their knowledge in real-world settings, gaining valuable industry experience.

Graduates of this concentration will be prepared for administrative and management roles in hospitals, physician practices, nursing homes, long-term care facilities, healthcare consulting firms, and other healthcare organizations. With a strong foundation in both business and healthcare operations, students will be equipped to contribute to the effective and ethical management of healthcare systems.

Expected outcomes of the BBA - Healthcare Administration concentration include:

1. Demonstrate an understanding of the practices for long-term health care facility management.
2. Employ practices for recruiting, selecting, and maintaining qualified health care employees.
3. Demonstrate an understanding of healthcare organizational models, apply theories of quality improvement, and analyze current issues and topics affecting the U.S. healthcare system.

Curriculum

General Education Requirements (I-VII):

I. LMU Specific Courses

Item #	Title	Credits
	2025 General Education - LMU Specific Courses	**4**
UACT-100	Strategies for College Success	1
LNCN-100	Lincoln's Life and Legacy	1
CIVX-300	American Civics	2

***LMU requires all first-time freshmen students with less than 15 credits of college credit to complete UACT 100.**

II. Communication

Item #	Title	Credits
	2025 General Education - Communications	**9**
ENGL-101	Composition I	3
ENGL-102	Composition II	3
COMM-200	Fundamentals of Speech Communication	3

Bachelor of Arts students are required to take 6 hours of a foreign language in addition to the above courses.

III. Ethics, Fine Arts, History, or Humanities

Item #	Title	Credits
	2025 General Education - Fine Arts, Humanities, and Ethics (for Baccalaureate Degrees)	**6**

Fine Arts, Humanities, and Ethics

Choose **two** of the following (must have different prefixes, e.g. ART and GEOG):

ART-100	Art Appreciation	3
ART-381	Survey of Art History I	3
ART-382	Surv Art Hist II	3
BUSN-250	Social & Ethical Environment of Business	3
ENGL-240	Literary Forms	3
ENGL-250	Literary History and Culture	3
ENGL-350	Narrative, Healing and the Body	3
GEOG-350	Geography of Religion	3
MCOM-410	Media Law and Ethics	3
MUSC-100	Music Appreciation	3
MUSC-468	Survey of World Music	3
PHIL-100	The Meaning of Life	3
PHIL-200	Introduction to Philosophy	3
PHIL-210	Logic and Critical Thinking	3
PHIL-330	Ethics	3
PHIL-430	Medical Ethics	3
REL-210	Surv Old Testament	3
REL-220	Surv New Testament	3
REL-310	Comparative Religions	3
REL-315	Comparative Christianity	3
THEA-100	Intro to Theatre	3
THEA-340	Survey of Dramatic Literature	3

IV. Behavioral/Social Sciences

Item #	Title	Credits
	2024 General Education - Behavioral/Social Sciences	**3**

Choose one of the following courses:

BUSN-380	Personal Finance	3
CRIM-105	Introduction to Criminal Justice	3
ECON-212	Principles of Microeconomics	3
ECON-213	Principles of Macroeconomics	3
GEOG-100	Introduction to Geography	3
GEOG-110	World Regional Geography	3
GEOG-211	Intro to Human Geography	3
GEOG-300	Environmental Geography	3
POLS-100	American Government: National	3
POLS-240	Intro to Political Ideas	3
POLS-250	Introduction to International Relations	3
PSYC-100	Introduction to Psychology	3
PSYC-221	Child and Adolescent Development	3
PSYC-222	Adult Development	3
SOCI-100	Introduction to Sociology	3

V. History

Item #	Title	Credits
	2025 General Education - History	**6**
HIST-121	World History to 1500	3
HIST-122	World Hist Since 1500	3
HIST-131	American History to 1877	3
HIST-132	American Hist Since 1877	3

VI. Mathematics

(*see* **Mathematics Placement**)

Item #	Title	Credits
	2025 General Education - Mathematics	**3**

Choose **one** course from the following:

MATH-110	Reasoning and Problem Solving	3
MATH-115	College Algebra	3
MATH-120	Trigonometry	3
MATH-150	Calculus I	4

VII. Natural Sciences/Physical Sciences

Item #	Title	Credits
	2025 General Education - Natural/Physical Sciences - BA/BBA Degrees	**4**

A. Life Sciences

Choose **one** of the following courses and the corresponding lab:

4 credit hours

BIOL-100	Introduction to Biology	3
BIOL-100L	Introduction to Biology Lab	1
BIOL-111	General Biology I	3
BIOL-111L	General Biology I Lab	1
BIOL-112	General Biology II	3
BIOL-112L	General Biology II Lab	1
BIOL-230	Microbiology	3
BIOL-230L	Microbiology Lab	1
BIOL-261	Human Anatomy and Physiology I	3
BIOL-261L	Human Anatomy and Physiology I Lab	1
BIOL-262	Human Anatomy and Physiology II	3
BIOL-262L	Human Anatomy and Physiology II Lab	1
CBIO-230	Forests of Appalachia	4
ENVS-100	Introduction to Environmental Science	4

B. Physical Sciences

Choose **one** of the following:

4 credit hours

CHEM-100	Introduction to Chemistry	3
CHEM-100L	Introduction to Chemistry Lab	1
CHEM-111	General Chemistry I	3
CHEM-111L	General Chemistry I Lab	1
CHEM-112	General Chemistry II	3
CHEM-112L	General Chemistry II Lab	1
GEOG-120	Int Phy Geog: Planet Earth	3
GEOG-120L	Int Phy Geog: Planet Earth Lab	1
PHYS-100	Introduction to Physics	3
PHYS-100L	Intro to Physics Lab	1
PHYS-211	General Physics I	3
PHYS-211L	General Physics I Lab	1
PHYS-212	General Physics II	3
PHYS-212L	General Physics II Lab	1
PHYS-251	University Physics I	4
PHYS-251L	University Physics I Lab	1
PHYS-252	University Physics II	4
PHYS-252L	University Physics II Lab	1

***LMU requires all first-time freshmen students with less than 15 credits of college credit to complete UACT 100.**

BBA Core

Item #	Title	Credits
ACCT-210	Financial Accounting	3
ACCT-211	Managerial Accounting	3
ECON-212	Principles of Microeconomics	3
ECON-213	Principles of Macroeconomics	3
BUSN-260	Business Analysis Tools	3
BUSN-270	Business Statistics	3
BSAN-300	Fundamentals of Business Analytics	3
BUSN-350	Business Communications	3
BUSN-350X	Junior Writing Requirement	0
FIN-360	Corporate Finance	3
ISYS-315	Fundamentals of Information Systems	3
MGMT-300	Principles of Management	3
MKTG-300	Principles of Marketing	3
BUSN-440	Legal Issues in Business	3
BUSN-440Z	Senior Writing Requirement	0
BUSN-450	Business Strategy	3

Healthcare Administration Concentration

Item #	Title	Credits
MGMT-310	Human Resource Management	3
MGMT-424	Managing Organizational Change	3
MKTG-430	Marketing Management	3
HCA-300	Introduction to Healthcare Administration	3
HCA-410	Research and Informatics in Healthcare	3
HCA-414	Patient/Resident Care and Quality of Life	3
HCA-415	Physical Environment & Atmosphere in Healthcare Facilities	3
HCA-498	Healthcare Administration Internship	3

Additional Elective Requirements

*For the baccalaureate degree, students must complete a minimum of **36 semester credit hours of 300/400-level courses**.

	Total Credits	122

Bachelor of Business Administration (BBA) - Management

Field of Study
Bachelor of Business Admin.

The Management concentration prepares students for diverse and dynamic leadership roles in the global marketplace. This concentration emphasizes critical thinking, problem-solving, and decision-making while equipping students with the skills to effectively lead teams, manage resources, and drive organizational success. Students will develop expertise in strategic planning, organizational behavior, and effective communication, enabling them to navigate complex business environments and implement innovative solutions.

Graduates of this concentration will be prepared for managerial and professional positions in a variety of industries, including corporate leadership, operations management, human resources, consulting, and entrepreneurship. With a strong foundation in management principles, students will be ready to adapt to evolving business challenges and lead organizations toward sustainable growth.

Expected outcomes of the BBA - Management concentration include:

1. Explain and evaluate human resource strategies to effectively manage and lead organizations.
2. Apply quality control, flow analysis, scheduling, forecasting, and performance improvement processes to manufacturing and service organizations.
3. Evaluate organizational theory and applicability to business situations.

Curriculum

General Education Requirements (I-VII):

I. LMU Specific Courses

Item #	Title	Credits
	2025 General Education - LMU Specific Courses	**4**
UACT-100	Strategies for College Success	1
LNCN-100	Lincoln's Life and Legacy	1
CIVX-300	American Civics	2

***LMU requires all first-time freshmen students with less than 15 credits of college credit to complete UACT 100.**

II. Communication

Item #	Title	Credits
	2025 General Education - Communications	**9**
ENGL-101	Composition I	3
ENGL-102	Composition II	3
COMM-200	Fundamentals of Speech Communication	3

Bachelor of Arts students are required to take 6 hours of a foreign language in addition to the above courses.

III. Ethics, Fine Arts, History, or Humanities

Item #	Title	Credits
	2025 General Education - Fine Arts, Humanities, and Ethics (for Baccalaureate Degrees)	**6**

Fine Arts, Humanities, and Ethics

Choose **two** of the following (must have different prefixes, e.g. ART and GEOG):

ART-100	Art Appreciation	3
ART-381	Survey of Art History I	3
ART-382	Surv Art Hist II	3
BUSN-250	Social & Ethical Environment of Business	3
ENGL-240	Literary Forms	3
ENGL-250	Literary History and Culture	3
ENGL-350	Narrative, Healing and the Body	3
GEOG-350	Geography of Religion	3
MCOM-410	Media Law and Ethics	3
MUSC-100	Music Appreciation	3
MUSC-468	Survey of World Music	3
PHIL-100	The Meaning of Life	3
PHIL-200	Introduction to Philosophy	3
PHIL-210	Logic and Critical Thinking	3
PHIL-330	Ethics	3
PHIL-430	Medical Ethics	3
REL-210	Surv Old Testament	3
REL-220	Surv New Testament	3
REL-310	Comparative Religions	3
REL-315	Comparative Christianity	3
THEA-100	Intro to Theatre	3
THEA-340	Survey of Dramatic Literature	3

IV. Behavioral/Social Sciences

Item #	Title	Credits
	2024 General Education - Behavioral/Social Sciences	**3**

Choose one of the following courses:

BUSN-380	Personal Finance	3
CRIM-105	Introduction to Criminal Justice	3
ECON-212	Principles of Microeconomics	3
ECON-213	Principles of Macroeconomics	3
GEOG-100	Introduction to Geography	3
GEOG-110	World Regional Geography	3
GEOG-211	Intro to Human Geography	3
GEOG-300	Environmental Geography	3
POLS-100	American Government: National	3
POLS-240	Intro to Political Ideas	3
POLS-250	Introduction to International Relations	3
PSYC-100	Introduction to Psychology	3
PSYC-221	Child and Adolescent Development	3
PSYC-222	Adult Development	3
SOCI-100	Introduction to Sociology	3

V. History

Item #	Title	Credits
	2025 General Education - History	**6**
HIST-121	World History to 1500	3
HIST-122	World Hist Since 1500	3
HIST-131	American History to 1877	3
HIST-132	American Hist Since 1877	3

VI. Mathematics

(*see* **Mathematics Placement**)

Item #	Title	Credits
	2025 General Education - Mathematics	**3**

Choose **one** course from the following:

MATH-110	Reasoning and Problem Solving	3
MATH-115	College Algebra	3
MATH-120	Trigonometry	3
MATH-150	Calculus I	4

VII. Natural Sciences/Physical Sciences

Item #	Title	Credits
	2025 General Education - Natural/Physical Sciences - BA/BBA Degrees	**4**

A. Life Sciences

Choose **one** of the following courses and the corresponding lab:

4 credit hours

BIOL-100	Introduction to Biology	3
BIOL-100L	Introduction to Biology Lab	1
BIOL-111	General Biology I	3
BIOL-111L	General Biology I Lab	1
BIOL-112	General Biology II	3
BIOL-112L	General Biology II Lab	1
BIOL-230	Microbiology	3
BIOL-230L	Microbiology Lab	1
BIOL-261	Human Anatomy and Physiology I	3
BIOL-261L	Human Anatomy and Physiology I Lab	1
BIOL-262	Human Anatomy and Physiology II	3
BIOL-262L	Human Anatomy and Physiology II Lab	1
CBIO-230	Forests of Appalachia	4
ENVS-100	Introduction to Environmental Science	4

B. Physical Sciences

Choose **one** of the following:

4 credit hours

CHEM-100	Introduction to Chemistry	3
CHEM-100L	Introduction to Chemistry Lab	1
CHEM-111	General Chemistry I	3
CHEM-111L	General Chemistry I Lab	1
CHEM-112	General Chemistry II	3
CHEM-112L	General Chemistry II Lab	1
GEOG-120	Int Phy Geog: Planet Earth	3
GEOG-120L	Int Phy Geog: Planet Earth Lab	1
PHYS-100	Introduction to Physics	3
PHYS-100L	Intro to Physics Lab	1
PHYS-211	General Physics I	3
PHYS-211L	General Physics I Lab	1
PHYS-212	General Physics II	3
PHYS-212L	General Physics II Lab	1
PHYS-251	University Physics I	4
PHYS-251L	University Physics I Lab	1
PHYS-252	University Physics II	4
PHYS-252L	University Physics II Lab	1

***LMU requires all first-time freshmen students with less than 15 credits of college credit to complete UACT 100.**

BBA Core

Item #	Title	Credits
ACCT-210	Financial Accounting	3
ACCT-211	Managerial Accounting	3
ECON-212	Principles of Microeconomics	3
ECON-213	Principles of Macroeconomics	3
BUSN-260	Business Analysis Tools	3
BUSN-270	Business Statistics	3
BSAN-300	Fundamentals of Business Analytics	3
BUSN-350	Business Communications	3
BUSN-350X	Junior Writing Requirement	0
FIN-360	Corporate Finance	3
ISYS-315	Fundamentals of Information Systems	3
MGMT-300	Principles of Management	3
MKTG-300	Principles of Marketing	3
BUSN-440	Legal Issues in Business	3
BUSN-440Z	Senior Writing Requirement	0
BUSN-450	Business Strategy	3

Management Concentration

Item #	Title	Credits
MGMT-310	Human Resource Management	3
MGMT-324	Essentials of Technology Management	3
MGMT-330	Operations Management	3
MGMT-416	Conflict Management for Managers & Negotiations	3
MGMT-424	Managing Organizational Change	3
MGMT-460	Organizational Theory	3
	Business Elective (Any Business curriculum course non-BBA core 300/400 level)	**3**
	Business Elective (Any Business curriculum course non-BBA core 300/400 level)	**3**

Additional Elective Requirements

*For the baccalaureate degree, students must complete a minimum of **36 semester credit hours of 300/400-level courses**.

	Total Credits	122

Bachelor of Business Administration (BBA) - Management Information Systems

Field of Study

Bachelor of Business Admin.

The Management Information Systems concentration equips students with the skills to manage and optimize information systems in today's dynamic business environment. With a strong foundation in key business disciplines, students will learn to develop, implement, and oversee information systems while leveraging technology to solve complex business challenges. Graduates may pursue entry-level roles such as systems or business analysts, information security specialists, consultants, user support analysts, programmers, or other positions in information management.

Expected outcomes of the BBA - MIS concentration include:

1. Students will be critical thinkers and demonstrate skills to select and apply appropriate models, tools, techniques, and frameworks to enable them to render technical and analytically sound business decisions.
2. Students will identify, analyze, and resolve ethical issues in data management, information security, and business scenarios involving IT auditing techniques.
3. Employee effective communication using audience appropriate terminology to relay complex data and management information systems information to stakeholders.

Curriculum

General Education Requirements (I-VII):

I. LMU Specific Courses

Item #	Title	Credits
	2025 General Education - LMU Specific Courses	**4**
UACT-100	Strategies for College Success	1
LNCN-100	Lincoln's Life and Legacy	1
CIVX-300	American Civics	2

***LMU requires all first-time freshmen students with less than 15 credits of college credit to complete UACT 100.**

II. Communication

Item #	Title	Credits
	2025 General Education - Communications	**9**
ENGL-101	Composition I	3
ENGL-102	Composition II	3
COMM-200	Fundamentals of Speech Communication	3

Bachelor of Arts students are required to take 6 hours of a foreign language in addition to the above courses.

III. Ethics, Fine Arts, History, or Humanities

Item #	Title	Credits
	2025 General Education - Fine Arts, Humanities, and Ethics (for Baccalaureate Degrees)	**6**

Fine Arts, Humanities, and Ethics

Choose **two** of the following (must have different prefixes, e.g. ART and GEOG):

ART-100	Art Appreciation	3
ART-381	Survey of Art History I	3
ART-382	Surv Art Hist II	3
BUSN-250	Social & Ethical Environment of Business	3
ENGL-240	Literary Forms	3
ENGL-250	Literary History and Culture	3
ENGL-350	Narrative, Healing and the Body	3
GEOG-350	Geography of Religion	3
MCOM-410	Media Law and Ethics	3
MUSC-100	Music Appreciation	3
MUSC-468	Survey of World Music	3
PHIL-100	The Meaning of Life	3
PHIL-200	Introduction to Philosophy	3
PHIL-210	Logic and Critical Thinking	3
PHIL-330	Ethics	3
PHIL-430	Medical Ethics	3
REL-210	Surv Old Testament	3
REL-220	Surv New Testament	3
REL-310	Comparative Religions	3
REL-315	Comparative Christianity	3
THEA-100	Intro to Theatre	3
THEA-340	Survey of Dramatic Literature	3

IV. Behavioral/Social Sciences

Item #	Title	Credits
	2024 General Education - Behavioral/Social Sciences	**3**

Choose one of the following courses:

BUSN-380	Personal Finance	3
CRIM-105	Introduction to Criminal Justice	3
ECON-212	Principles of Microeconomics	3
ECON-213	Principles of Macroeconomics	3
GEOG-100	Introduction to Geography	3
GEOG-110	World Regional Geography	3
GEOG-211	Intro to Human Geography	3
GEOG-300	Environmental Geography	3
POLS-100	American Government: National	3
POLS-240	Intro to Political Ideas	3
POLS-250	Introduction to International Relations	3
PSYC-100	Introduction to Psychology	3
PSYC-221	Child and Adolescent Development	3
PSYC-222	Adult Development	3
SOCI-100	Introduction to Sociology	3

V. History

Item #	Title	Credits
	2025 General Education - History	**6**
HIST-121	World History to 1500	3
HIST-122	World Hist Since 1500	3
HIST-131	American History to 1877	3
HIST-132	American Hist Since 1877	3

VI. Mathematics

(*see* **Mathematics Placement**)

Item #	Title	Credits
	2025 General Education - Mathematics	**3**

Choose **one** course from the following:

MATH-110	Reasoning and Problem Solving	3
MATH-115	College Algebra	3
MATH-120	Trigonometry	3
MATH-150	Calculus I	4

VII. Natural Sciences/Physical Sciences

Item #	Title	Credits
	2025 General Education - Natural/Physical Sciences - BA/BBA Degrees	**4**

A. Life Sciences

Choose **one** of the following courses and the corresponding lab:

4 credit hours

BIOL-100	Introduction to Biology	3
BIOL-100L	Introduction to Biology Lab	1
BIOL-111	General Biology I	3
BIOL-111L	General Biology I Lab	1
BIOL-112	General Biology II	3
BIOL-112L	General Biology II Lab	1
BIOL-230	Microbiology	3
BIOL-230L	Microbiology Lab	1
BIOL-261	Human Anatomy and Physiology I	3
BIOL-261L	Human Anatomy and Physiology I Lab	1
BIOL-262	Human Anatomy and Physiology II	3
BIOL-262L	Human Anatomy and Physiology II Lab	1
CBIO-230	Forests of Appalachia	4
ENVS-100	Introduction to Environmental Science	4

B. Physical Sciences

Choose **one** of the following:

4 credit hours

CHEM-100	Introduction to Chemistry	3
CHEM-100L	Introduction to Chemistry Lab	1
CHEM-111	General Chemistry I	3
CHEM-111L	General Chemistry I Lab	1
CHEM-112	General Chemistry II	3
CHEM-112L	General Chemistry II Lab	1
GEOG-120	Int Phy Geog: Planet Earth	3
GEOG-120L	Int Phy Geog: Planet Earth Lab	1
PHYS-100	Introduction to Physics	3
PHYS-100L	Intro to Physics Lab	1
PHYS-211	General Physics I	3
PHYS-211L	General Physics I Lab	1
PHYS-212	General Physics II	3
PHYS-212L	General Physics II Lab	1
PHYS-251	University Physics I	4
PHYS-251L	University Physics I Lab	1
PHYS-252	University Physics II	4
PHYS-252L	University Physics II Lab	1

***LMU requires all first-time freshmen students with less than 15 credits of college credit to complete UACT 100.**

BBA Core

Item #	Title	Credits
ACCT-210	Financial Accounting	3
ACCT-211	Managerial Accounting	3
ECON-212	Principles of Microeconomics	3
ECON-213	Principles of Macroeconomics	3
BUSN-260	Business Analysis Tools	3
BUSN-270	Business Statistics	3
BSAN-300	Fundamentals of Business Analytics	3
BUSN-350	Business Communications	3
BUSN-350X	Junior Writing Requirement	0
FIN-360	Corporate Finance	3
ISYS-315	Fundamentals of Information Systems	3
MGMT-300	Principles of Management	3
MKTG-300	Principles of Marketing	3
BUSN-440	Legal Issues in Business	3
BUSN-440Z	Senior Writing Requirement	0
BUSN-450	Business Strategy	3

Management Information Systems Concentration

Item #	Title	Credits
BUSN-344	Project Management for Improving Business Systems	3
BUSN-444	Analytical Programming for Business	3
BUSN-445	Applied Problem-Solving for Business Systems	3
ISYS-320	Data Communications & Networking	3
ISYS-330	Database Management	3
ISYS-400	Information Security & Governance	3
ISYS-480	Business Systems Analysis & Design	3
MGMT-324	Essentials of Technology Management	3

Additional Elective Requirements

*For the baccalaureate degree, students must complete a minimum of **36 semester credit hours of 300/400-level courses**.

	Total Credits	122

Bachelor of Business Administration (BBA) - Marketing

Field of Study
Bachelor of Business Admin.

The Marketing concentration provides students with a comprehensive foundation in modern marketing strategies and practices, preparing them to meet the evolving needs of businesses and consumers. This concentration emphasizes key areas such as consumer behavior, brand management, digital and internet marketing, and marketing research. Students will develop specialized skills in managing communications, building customer relationships, and delivering value through strategic marketing initiatives.

By exploring topics such as advertising, market research, and digital marketing trends, students will learn how to analyze consumer insights, create effective marketing campaigns, and leverage data-driven decision-making. Graduates of this concentration will be prepared for careers in brand management, advertising, digital marketing, market research, public relations, and sales, as well as other marketing-related roles in a variety of industries.

Expected outcomes of the BBA - Marketing concentration include:

1. Develop strategies to ethically market products and services using research, advertising concepts, and consumer behavior.
2. Apply theories and strategies for building, leveraging, and defending brands.

Curriculum

General Education Requirements (I-VII):

I. LMU Specific Courses

Item #	Title	Credits
	2025 General Education - LMU Specific Courses	**4**
UACT-100	Strategies for College Success	1
LNCN-100	Lincoln's Life and Legacy	1
CIVX-300	American Civics	2

***LMU requires all first-time freshmen students with less than 15 credits of college credit to complete UACT 100.**

II. Communication

Item #	Title	Credits
	2025 General Education - Communications	**9**
ENGL-101	Composition I	3
ENGL-102	Composition II	3
COMM-200	Fundamentals of Speech Communication	3

Bachelor of Arts students are required to take 6 hours of a foreign language in addition to the above courses.

III. Ethics, Fine Arts, History, or Humanities

Item #	Title	Credits
	2025 General Education - Fine Arts, Humanities, and Ethics (for Baccalaureate Degrees)	**6**

Fine Arts, Humanities, and Ethics

Choose **two** of the following (must have different prefixes, e.g. ART and GEOG):

ART-100	Art Appreciation	3
ART-381	Survey of Art History I	3
ART-382	Surv Art Hist II	3
BUSN-250	Social & Ethical Environment of Business	3
ENGL-240	Literary Forms	3
ENGL-250	Literary History and Culture	3
ENGL-350	Narrative, Healing and the Body	3
GEOG-350	Geography of Religion	3
MCOM-410	Media Law and Ethics	3
MUSC-100	Music Appreciation	3
MUSC-468	Survey of World Music	3
PHIL-100	The Meaning of Life	3
PHIL-200	Introduction to Philosophy	3
PHIL-210	Logic and Critical Thinking	3
PHIL-330	Ethics	3
PHIL-430	Medical Ethics	3
REL-210	Surv Old Testament	3
REL-220	Surv New Testament	3
REL-310	Comparative Religions	3
REL-315	Comparative Christianity	3
THEA-100	Intro to Theatre	3
THEA-340	Survey of Dramatic Literature	3

IV. Behavioral/Social Sciences

Item #	Title	Credits
	2024 General Education - Behavioral/Social Sciences	**3**

Choose one of the following courses:

BUSN-380	Personal Finance	3
CRIM-105	Introduction to Criminal Justice	3
ECON-212	Principles of Microeconomics	3
ECON-213	Principles of Macroeconomics	3
GEOG-100	Introduction to Geography	3
GEOG-110	World Regional Geography	3
GEOG-211	Intro to Human Geography	3
GEOG-300	Environmental Geography	3
POLS-100	American Government: National	3
POLS-240	Intro to Political Ideas	3
POLS-250	Introduction to International Relations	3
PSYC-100	Introduction to Psychology	3
PSYC-221	Child and Adolescent Development	3
PSYC-222	Adult Development	3
SOCI-100	Introduction to Sociology	3

V. History

Item #	Title	Credits
	2025 General Education - History	**6**
HIST-121	World History to 1500	3
HIST-122	World Hist Since 1500	3
HIST-131	American History to 1877	3
HIST-132	American Hist Since 1877	3

VI. Mathematics

(*see* **Mathematics Placement**)

Item #	Title	Credits
	2025 General Education - Mathematics	**3**

Choose **one** course from the following:

MATH-110	Reasoning and Problem Solving	3
MATH-115	College Algebra	3
MATH-120	Trigonometry	3
MATH-150	Calculus I	4

VII. Natural Sciences/Physical Sciences

Item #	Title	Credits
	2025 General Education - Natural/Physical Sciences - BA/BBA Degrees	**4**

A. Life Sciences

Choose **one** of the following courses and the corresponding lab:

4 credit hours

BIOL-100	Introduction to Biology	3
BIOL-100L	Introduction to Biology Lab	1
BIOL-111	General Biology I	3
BIOL-111L	General Biology I Lab	1
BIOL-112	General Biology II	3
BIOL-112L	General Biology II Lab	1
BIOL-230	Microbiology	3
BIOL-230L	Microbiology Lab	1
BIOL-261	Human Anatomy and Physiology I	3
BIOL-261L	Human Anatomy and Physiology I Lab	1
BIOL-262	Human Anatomy and Physiology II	3
BIOL-262L	Human Anatomy and Physiology II Lab	1
CBIO-230	Forests of Appalachia	4
ENVS-100	Introduction to Environmental Science	4

B. Physical Sciences

Choose **one** of the following:

4 credit hours

CHEM-100	Introduction to Chemistry	3
CHEM-100L	Introduction to Chemistry Lab	1
CHEM-111	General Chemistry I	3
CHEM-111L	General Chemistry I Lab	1
CHEM-112	General Chemistry II	3
CHEM-112L	General Chemistry II Lab	1
GEOG-120	Int Phy Geog: Planet Earth	3
GEOG-120L	Int Phy Geog: Planet Earth Lab	1
PHYS-100	Introduction to Physics	3
PHYS-100L	Intro to Physics Lab	1
PHYS-211	General Physics I	3
PHYS-211L	General Physics I Lab	1
PHYS-212	General Physics II	3
PHYS-212L	General Physics II Lab	1
PHYS-251	University Physics I	4
PHYS-251L	University Physics I Lab	1
PHYS-252	University Physics II	4
PHYS-252L	University Physics II Lab	1

***LMU requires all first-time freshmen students with less than 15 credits of college credit to complete UACT 100.**

BBA Core

Item #	Title	Credits
ACCT-210	Financial Accounting	3
ACCT-211	Managerial Accounting	3
ECON-212	Principles of Microeconomics	3
ECON-213	Principles of Macroeconomics	3
BUSN-260	Business Analysis Tools	3
BUSN-270	Business Statistics	3
BSAN-300	Fundamentals of Business Analytics	3
BUSN-350	Business Communications	3
BUSN-350X	Junior Writing Requirement	0
FIN-360	Corporate Finance	3
ISYS-315	Fundamentals of Information Systems	3
MGMT-300	Principles of Management	3
MKTG-300	Principles of Marketing	3
BUSN-440	Legal Issues in Business	3
BUSN-440Z	Senior Writing Requirement	0
BUSN-450	Business Strategy	3

Marketing Concentration

Item #	Title	Credits
MKTG-310	Advertising	3
MKTG-330	Consumer Behavior	3
MKTG-340	Brand Management	3
MKTG-430	Marketing Management	3
MKTG-435	Digital, Internet Marketing	3
MKTG-440	Marketing Research	3
	Business Elective (Any Business curriculum course non-BBA core 300/400 level)	**3**
	Business Elective (Any Business curriculum course non-BBA core 300/400 level)	**3**

Additional Elective Requirements

*For the baccalaureate degree, students must complete a minimum of **36 semester credit hours of 300/400-level courses**.

	Total Credits	122

Bachelor of Business Administration (BBA) - Sport Management

Field of Study

Bachelor of Business Admin.

The Sport Management concentration provides students with a foundational understanding of the sport industry while preparing them for entry-level careers through networking and hands-on experiences. This concentration covers key aspects of sport management, including public and media relations, legal and ethical considerations, governance and administration, and facility and event management. Students will explore the societal impact of sports, learn best practices for managing sporting events, and develop skills in marketing and promotion within the industry. Internship opportunities and professional networking further enhance students' real-world understanding, preparing them to navigate the dynamic and competitive sports business environment.

Graduates of this concentration will be prepared for careers in sport marketing, event management, facility operations, athletic administration, sports media relations, and other roles within professional, collegiate, and recreational sports organizations.

Expected outcomes of the BBA - SMT concentration include:

1. Apply principles and strategies for effective sports management and leadership.
2. Develop practices for sport public and media relations.
3. Apply marketing principles for event marketing.

Curriculum

General Education Requirements (I-VII):

I. LMU Specific Courses

Item #	Title	Credits
	2025 General Education - LMU Specific Courses	**4**
UACT-100	Strategies for College Success	1
LNCN-100	Lincoln's Life and Legacy	1
CIVX-300	American Civics	2

***LMU requires all first-time freshmen students with less than 15 credits of college credit to complete UACT 100.**

II. Communication

Item #	Title	Credits
	2025 General Education - Communications	**9**
ENGL-101	Composition I	3
ENGL-102	Composition II	3
COMM-200	Fundamentals of Speech Communication	3

Bachelor of Arts students are required to take 6 hours of a foreign language in addition to the above courses.

III. Ethics, Fine Arts, History, or Humanities

Item #	Title	Credits
	2025 General Education - Fine Arts, Humanities, and Ethics (for Baccalaureate Degrees)	**6**

Fine Arts, Humanities, and Ethics

Choose **two** of the following (must have different prefixes, e.g. ART and GEOG):

ART-100	Art Appreciation	3
ART-381	Survey of Art History I	3
ART-382	Surv Art Hist II	3
BUSN-250	Social & Ethical Environment of Business	3
ENGL-240	Literary Forms	3
ENGL-250	Literary History and Culture	3
ENGL-350	Narrative, Healing and the Body	3
GEOG-350	Geography of Religion	3
MCOM-410	Media Law and Ethics	3
MUSC-100	Music Appreciation	3
MUSC-468	Survey of World Music	3
PHIL-100	The Meaning of Life	3
PHIL-200	Introduction to Philosophy	3
PHIL-210	Logic and Critical Thinking	3
PHIL-330	Ethics	3
PHIL-430	Medical Ethics	3
REL-210	Surv Old Testament	3
REL-220	Surv New Testament	3
REL-310	Comparative Religions	3
REL-315	Comparative Christianity	3
THEA-100	Intro to Theatre	3
THEA-340	Survey of Dramatic Literature	3

IV. Behavioral/Social Sciences

Item #	Title	Credits
	2024 General Education - Behavioral/Social Sciences	**3**

Choose one of the following courses:

BUSN-380	Personal Finance	3
CRIM-105	Introduction to Criminal Justice	3
ECON-212	Principles of Microeconomics	3
ECON-213	Principles of Macroeconomics	3
GEOG-100	Introduction to Geography	3
GEOG-110	World Regional Geography	3
GEOG-211	Intro to Human Geography	3
GEOG-300	Environmental Geography	3
POLS-100	American Government: National	3
POLS-240	Intro to Political Ideas	3
POLS-250	Introduction to International Relations	3
PSYC-100	Introduction to Psychology	3
PSYC-221	Child and Adolescent Development	3
PSYC-222	Adult Development	3
SOCI-100	Introduction to Sociology	3

V. History

Item #	Title	Credits
	2025 General Education - History	**6**
HIST-121	World History to 1500	3
HIST-122	World Hist Since 1500	3
HIST-131	American History to 1877	3
HIST-132	American Hist Since 1877	3

VI. Mathematics

(*see* **Mathematics Placement**)

Item #	Title	Credits
	2025 General Education - Mathematics	**3**

Choose **one** course from the following:

MATH-110	Reasoning and Problem Solving	3
MATH-115	College Algebra	3
MATH-120	Trigonometry	3
MATH-150	Calculus I	4

VII. Natural Sciences/Physical Sciences

Item #	Title	Credits
	2025 General Education - Natural/Physical Sciences - BA/BBA Degrees	**4**

A. Life Sciences

Choose **one** of the following courses and the corresponding lab:

4 credit hours

BIOL-100	Introduction to Biology	3
BIOL-100L	Introduction to Biology Lab	1
BIOL-111	General Biology I	3
BIOL-111L	General Biology I Lab	1
BIOL-112	General Biology II	3
BIOL-112L	General Biology II Lab	1
BIOL-230	Microbiology	3
BIOL-230L	Microbiology Lab	1
BIOL-261	Human Anatomy and Physiology I	3
BIOL-261L	Human Anatomy and Physiology I Lab	1
BIOL-262	Human Anatomy and Physiology II	3
BIOL-262L	Human Anatomy and Physiology II Lab	1
CBIO-230	Forests of Appalachia	4
ENVS-100	Introduction to Environmental Science	4

B. Physical Sciences

Choose **one** of the following:

4 credit hours

CHEM-100	Introduction to Chemistry	3
CHEM-100L	Introduction to Chemistry Lab	1
CHEM-111	General Chemistry I	3
CHEM-111L	General Chemistry I Lab	1
CHEM-112	General Chemistry II	3
CHEM-112L	General Chemistry II Lab	1
GEOG-120	Int Phy Geog: Planet Earth	3
GEOG-120L	Int Phy Geog: Planet Earth Lab	1
PHYS-100	Introduction to Physics	3
PHYS-100L	Intro to Physics Lab	1
PHYS-211	General Physics I	3
PHYS-211L	General Physics I Lab	1
PHYS-212	General Physics II	3
PHYS-212L	General Physics II Lab	1
PHYS-251	University Physics I	4
PHYS-251L	University Physics I Lab	1
PHYS-252	University Physics II	4
PHYS-252L	University Physics II Lab	1

***LMU requires all first-time freshmen students with less than 15 credits of college credit to complete UACT 100.**

BBA Core

Item #	Title	Credits
ACCT-210	Financial Accounting	3
ACCT-211	Managerial Accounting	3
ECON-212	Principles of Microeconomics	3
ECON-213	Principles of Macroeconomics	3
BUSN-260	Business Analysis Tools	3
BUSN-270	Business Statistics	3
BSAN-300	Fundamentals of Business Analytics	3
BUSN-350	Business Communications	3
BUSN-350X	Junior Writing Requirement	0
FIN-360	Corporate Finance	3
ISYS-315	Fundamentals of Information Systems	3
MGMT-300	Principles of Management	3
MKTG-300	Principles of Marketing	3
BUSN-440	Legal Issues in Business	3
BUSN-440Z	Senior Writing Requirement	0
BUSN-450	Business Strategy	3

Sport Management Concentration

Item #	Title	Credits
SMT-200	Introduction to Sport Management	3
SMT-310	Sport Public & Media Relations	3
SMT-314	Sport & Society	3
SMT-405	Legal Aspects of Sports Management	3
SMT-430	Sport Governance & Administration	3
SMT-450	Sports Facility & Event Mgmt	3
MKTG-454	Event Marketing	3
	Business Elective (Any Business curriculum course non-BBA core 300/400 level)	**3**

Additional Elective Requirements

*For the baccalaureate degree, students must complete a minimum of **36 semester credit hours of 300/400-level courses**.

	Total Credits	122

Minor in General Business

Field of Study
Minor

To complete a minor in General Business, students must complete the following requirements:

Curriculum

Item #	Title	Credits
ACCT-210	Financial Accounting	3
ECON-212	Principles of Microeconomics	3
ECON-213	Principles of Macroeconomics	3
FIN-360	Corporate Finance	3
MGMT-300	Principles of Management	3
MKTG-300	Principles of Marketing	3
	Total Credits	18

Minor in Information Systems

Field of Study

Minor

To complete a minor in Information Systems, students must complete the following requirements:

Curriculum

Item #	Title	Credits
BUSN-444	Analytical Programming for Business	3
ISYS-315	Fundamentals of Information Systems	3
ISYS-320	Data Communications & Networking	3
ISYS-330	Database Management	3
ISYS-400	Information Security & Governance	3
ISYS-480	Business Systems Analysis & Design	3
	Total Credits	18

Carter and Moyers School of Education

CAEP Accredited Program

Initial Teacher Licensure Undergraduate Programs (BS in Education with K-5, ELL, and Special Education Concentrations)

Mission Statement

The mission of Lincoln Memorial University's BS in Education program is to cultivate exceptional educators who are equipped with the skills, knowledge, and dedication necessary to inspire and lead in a variety of educational environments. The program prepares candidates to become reflective, adaptable, and effective teachers through evidence-based assessment, data-driven decision-making, and a focus on continuous improvement.

EPP Commitment

The EPP designs, implements, and evaluates curriculum and provides experiences for candidates to acquire and demonstrate the knowledge, skills, and professional dispositions necessary to help all students learn. Assessments indicate that candidates can demonstrate and apply proficiencies related to all students. Experiences provided for candidates include working with all populations,including higher education and PreK-12 school faculty, candidates, and students in PreK-12 schools.

All Programs

The Initial Teacher Licensure Undergraduate Department offers programs of study that lead to teacher licensure in Tennessee in elementary education, secondary education, special education, English language learners, and K-12 education. Licensure programs are approved by the Tennessee State Board of Education and adhere to the Council for the Accreditation of Educator Preparation standards. LMU reserves the right to adjust at any time its Initial Teacher Licensure Undergraduate Program requirements to comply with changes mandated by the State Board of Education.

Clinical Experience: All candidates are required to complete five service learning hours each semester, and many education courses include clinical experience components in addition to classroom seat time. Please see the *Initial Teacher Licensure Undergraduate Handbook* for details. ALL REQUIRED PRAXIS EXAMS MUST BE PASSED PRIOR TO STUDENT TEACHING. All candidates must meet or exceed the state required minimum on the edTPA Assessment Portfolio submitted during student teaching in order to qualify for a Tennessee Teacher License and graduation.

Teacher Licensure Programs Grade Requirement

All education major courses must be completed with a grade of C- or better.

Admission to the Initial Teacher Licensure Undergraduate Programs

Admission to LMU does not ensure admission into the Initial Teacher Licensure Undergraduate Programs. Candidates must complete the admissions process during Transition 1. The admissions process is initiated during the candidates' enrollment in EDUC 290. Criteria and procedures for admission into the programs are as follows:

Full Admission:
Candidates will:

1. Enroll in EDUC 290, The Teaching Profession
2. Fill out Candidate Information Form
3. Enroll in other professional education pre-requisite courses or academic content courses based on a four (4) year plan for program of study.
4. Complete Professional Dispositions Interview (DAPtm)
5. Submit the following documents to Academic Support Assistant (Bus. Ed. 214) to be considered for Admissions Interview:
    a. Cold Writing Sample: Submitted in EDUC 290
6. Tennessee Bureau of Investigation/Cogent Criminal Background Check (Complete prior to Release to Field Experiences)
    a. Liability Insurance Purchase
7. Provide evidence of:
    a. ACT, SAT or CASE Praxis Exam (ACT = 21; SAT = 1020; CASE = writing, 162, Math 150, reading 156)
    b. University Transcript showing Cumulative GPA = 2.75
8. Submit one recommendation from outside the Carter & Moyers School of Education.
9. Complete and Pass the Formal Admissions Interview

Student Advising

After acceptance to the University, candidates pursuing Initial Teacher Licensure Undergraduate programs are assigned a professional advisor. The professional advisor assists each candidate in developing an educational plan that indicates a time frame for formal admission to the Initial Licensure Undergraduate Program and program completion. The candidate is responsible for scheduling advisement conferences with their professional advisor each semester. Their professional advisor can give valuable direction and encouragement, **but *each candidate is ultimately responsible for meeting all requirements and completing all required courses.*** For general advising email account, lincs@lmunet.edu.

Note: Candidates should expect to be required to travel outside the main campus for selected clinical field experiences during a portion of the program, including schools in other counties.

Contact Information:

Office of Initial Teacher Licensure Undergraduate Business Education Building 214
Telephone: 423-869-6253
Web site: www.lmunet.edu/education
Email: tywana.england@lmunet.edu

Office of Teacher Certification/Testing and Candidate Placement & Development
Business Education Building 214
Telephone: 423-869-6253
Email: tywana.england@lmunet.edu

Education

BS in Education

Field of Study
Bachelor of Science

LMU's undergraduate teacher education program for K-5 licensure offers courses leading to the Bachelor of Science degree with initial teacher licensure in K-5, Special Education, and ELL concentrations in compliance with Tennessee Department of Education licensure standards.

Elementary K-5 majors have the option of choosing from two different pathways.

1. The **traditional pathway** to a bachelor's degree typically involves enrolling full-time at LMU. Students attend in-person classes on a campus and follow a structured academic schedule over four years. This route emphasizes a well-rounded college experience, including dorm life, extracurricular activities, and direct access to professors and career services.

2. The **2+2 non-traditional pathway** is designed with working individuals who have an associate's degree and want to earn a bachelor's degree in education. This pathway offers a convenient class schedule and a ***hybrid/hyflex format,*** with courses available on evenings and Saturdays. This format allows students to attend class face-to-face or participate synchronously via Zoom when in-person attendance isn't possible.

General Education

I. LMU Specific Courses

Item #	Title	Credits
UACT-100	Strategies for College Success	1
LNCN-100	Lincoln's Life and Legacy	1
CIVX-300	American Civics	2

II. Communication

Item #	Title	Credits
COMM-200	Fundamentals of Speech Communication	3
ENGL-101	Composition I	3
ENGL-102	Composition II	3

III. Ethics, Fine Arts, History, or Humanities

Item #	Title	Credits
	2024 General Education - Ethics, Fine Arts, Humanities	**6**
ART-100	Art Appreciation	3
ART-381	Survey of Art History I	3
ART-382	Surv Art Hist II	3
BUSN-250	Social & Ethical Environment of Business	3
ENGL-240	Literary Forms	3
ENGL-250	Literary History and Culture	3
ENGL-350	Narrative, Healing and the Body	3
GEOG-350	Geography of Religion	3
MCOM-410	Media Law and Ethics	3
MUSC-100	Music Appreciation	3
MUSC-468	Survey of World Music	3
PHIL-100	The Meaning of Life	3
PHIL-200	Introduction to Philosophy	3
PHIL-210	Logic and Critical Thinking	3
PHIL-330	Ethics	3
PHIL-430	Medical Ethics	3
REL-210	Surv Old Testament	3
REL-220	Surv New Testament	3
REL-310	Comparative Religions	3
REL-315	Comparative Christianity	3
THEA-100	Intro to Theatre	3
THEA-340	Survey of Dramatic Literature	3

IV. Behavioral/Social Sciences

Item #	Title	Credits
	2025 General Education - Behavioral/Social Sciences (for Baccalaureate degree)	**3**
BUSN-380	Personal Finance	3
CRIM-105	Introduction to Criminal Justice	3
ECON-212	Principles of Microeconomics	3
ECON-213	Principles of Macroeconomics	3
GEOG-100	Introduction to Geography	3
GEOG-110	World Regional Geography	3
GEOG-211	Intro to Human Geography	3
GEOG-300	Environmental Geography	3
MCOM-270	Social Media Ethics and Culture	3
POLS-100	American Government: National	3
POLS-240	Intro to Political Ideas	3
POLS-250	Introduction to International Relations	3
PSYC-100	Introduction to Psychology	3
PSYC-221	Child and Adolescent Development	3
PSYC-222	Adult Development	3
SOCI-100	Introduction to Sociology	3

V. History

Item #	Title	Credits
	2025 General Education - History	**6**
HIST-121	World History to 1500	3
HIST-122	World Hist Since 1500	3
HIST-131	American History to 1877	3
HIST-132	American Hist Since 1877	3

VI. Mathematics

(*see* **Mathematics Placement**)

Item #	Title	Credits
	2025 General Education - Mathematics (for Baccalaureate degree)	**3**
MATH-110	Reasoning and Problem Solving	3
MATH-115	College Algebra	3
MATH-120	Trigonometry	3
MATH-150	Calculus I	4

VII. Natural Sciences/Physical Sciences

Item #	Title	Credits
	2025 General Education - Natural/Physical Sciences - Bachelor of Science	**8**

A. Life Sciences

Choose from the following courses (also take the corresponding lab):

BIOL-100	Introduction to Biology	3
BIOL-100L	Introduction to Biology Lab	1
BIOL-111	General Biology I	3
BIOL-111L	General Biology I Lab	1
BIOL-112	General Biology II	3
BIOL-112L	General Biology II Lab	1
BIOL-230	Microbiology	3
BIOL-230L	Microbiology Lab	1
BIOL-261	Human Anatomy and Physiology I	3
BIOL-261L	Human Anatomy and Physiology I Lab	1
BIOL-262	Human Anatomy and Physiology II	3
BIOL-262L	Human Anatomy and Physiology II Lab	1
CBIO-230	Forests of Appalachia	4
ENVS-100	Introduction to Environmental Science	4

B. Physical Sciences

Choose from the following courses (also take the corresponding lab):

CHEM-100	Introduction to Chemistry	3
CHEM-100L	Introduction to Chemistry Lab	1
CHEM-111	General Chemistry I	3
CHEM-111L	General Chemistry I Lab	1
CHEM-112	General Chemistry II	3
CHEM-112L	General Chemistry II Lab	1
GEOG-120	Int Phy Geog: Planet Earth	3
GEOG-120L	Int Phy Geog: Planet Earth Lab	1
PHYS-100	Introduction to Physics	3
PHYS-100L	Intro to Physics Lab	1
PHYS-211	General Physics I	3
PHYS-211L	General Physics I Lab	1
PHYS-212	General Physics II	3
PHYS-212L	General Physics II Lab	1
PHYS-251	University Physics I	4
PHYS-251L	University Physics I Lab	1
PHYS-252	University Physics II	4
PHYS-252L	University Physics II Lab	1

LMU requires all first-time freshmen students with less than 15 credits of college credit to complete UACT 100.

Major Core:

Item #	Title	Credits
PSYC-221	Child and Adolescent Development	3
PSYC-370	Educational Psychology	3
CDEV-350	Teaching Elementry Children	3
SPED-270	Teaching the Exceptional Learner	2
SPED-320	Differentiated Instruction	3
EDUC-210	Instructional Technology & Learning Resources	2
EDUC-290	The Teaching Profession	3
EDUC-330	Integrated Health and Physical Education for the Elementary Classroom.	3
EDUC-340	Instructional and Assessment Strategies	3
EDUC-356	Methods of Teaching Elementary Science/Social Studies	4
EDUC-376	Fundamentals of Literacy	3
EDUC-376X	Fundamentals of Literacy - Junior SEWS Writing Requirement	0
EDUC-390	Learning About Learners	2
EDUC-414	Research and Technical Writing in Education	1
EDUC-414Z	Research and Technical Writing in Education - Senior SEWS Writing Requirement	0
EDUC-420	Reading Diagnosis and Correction	3
EDUC-440	Teaching Literacy in the Elementary School	3
EDUC-450	Methods of Teaching Elementary Mathematics	3
EDUC-480	Clinical Practice I	2
EDUC-497	Enhanced Clinical Practice II	9
EDUC-497F	Enhanced Clinical Practice II Seminar	3

PSYC 221: Meets general education requirement

Choose 15 hours in emphasis areas to include:

1 English, 1 Social Studies, 1 Math, 1 Science and remaining 3 hours of electives from the four content areas

Choose 1 of the 3 credit hour EDSL courses:

Item #	Title	Credits
EDSL-200	Foundations of Language Acquisition	3
EDSL-320	Assessment and Characteristics of English Language Learners	3
EDSL-330	Methods of Instruction and Support for English Language Learners	3

Elective Credits

	Total Credits	122

Professional Education Core

Field of Study

Core

Professional Education Core

Item #	Title	Credits
PSYC-221	Child and Adolescent Development	3
PSYC-370	Educational Psychology	3
SPED-320	Differentiated Instruction	3
EDUC-210	Instructional Technology & Learning Resources	2
EDUC-290	The Teaching Profession	3
EDUC-390	Learning About Learners	2
EDUC-480	Clinical Practice I	2
EDUC-497	Enhanced Clinical Practice II	9
EDUC-497F	Enhanced Clinical Practice II Seminar	3

PSYC 221: Meets general education requirement

Note: All students seeking a degree for licensure must complete the Professional Education Core and the appropriate major core.

Note: Candidates may not advance to EDUC 480 until ACT, SAT, or CASE testing requirements are met and Full Admission is granted.

	Total Credits	30

Secondary Education Major Core

Field of Study

Core

Secondary Licensure:

Secondary students seeking teacher licensure must complete the following Professional Education Core and Secondary Education major core in addition to any major content area requirements to earn LMU's recommendation for teacher licensure. Content area certification for grades 6-12 includes: Biology, Business, Chemistry, English, Math, and History. Content area certification for grades K-12 includes: Art - 2-Dimensional and Ceramics. Refer to the academic content department or school for details on course requirements for certification in a specific content area.

Professional Education Core

Item #	Title	Credits
PSYC-221	Child and Adolescent Development	3
PSYC-370	Educational Psychology	3
SPED-320	Differentiated Instruction	3
EDUC-210	Instructional Technology & Learning Resources	2
EDUC-290	The Teaching Profession	3
EDUC-390	Learning About Learners	2
EDUC-480	Clinical Practice I	2
EDUC-497	Enhanced Clinical Practice II	9
EDUC-497F	Enhanced Clinical Practice II Seminar	3

Secondary Education Major Core

Item #	Title	Credits
EDUC-360	Secondary Instructional Methods and Strategies	3
EDUC-370	Measurement and Evaluation	2
EDUC-380	Literacy Across Secondary Curricula	2
EDUC-460	Methods of Instruction in Secondary Schools	3

*EDUC 460 is taken by those candidates whose major does not include a content specific methods course.

Note: Candidates in secondary licensure programs are not required to adhere to transitions; however, they must meet the same requirements for full admissions.

	Total Credits	40

English As Second Language

The infused ESL program of study provides candidates who serve English language learners (ELLs), particularly in grades K- 5, with competency in supporting diverse students with appropriate accommodations and modifications within an evidence-based instructional framework. By choosing one of two tracks, candidates may either (1) select to obtain certification in ESL in addition to an elementary teaching license in order to be qualified to design and implement appropriate language instruction as ESL teachers in a variety of settings, or (2) select ESL preparation without ESL certification in order to master differentiation tools and strategies suitable for increasing ELLs English language skills and provide ELLs and other diverse students with access to the same robust curriculum designed for all students.

BS in Education: K-5 and English Language Learners Concentration

Field of Study
Bachelor of Science

The Bachelor of Science degree in Education K-5 and English Language Learners concentration prepares candidates to teach at the K-5 elementary level and adds a concentration of coursework in English as a Second Language. This pathway culminates with elementary education certification upon graduation.

General Education

I. LMU Specific Courses

Item #	Title	Credits
UACT-100	Strategies for College Success	1
LNCN-100	Lincoln's Life and Legacy	1
CIVX-300	American Civics	2

II. Communication

Item #	Title	Credits
COMM-200	Fundamentals of Speech Communication	3
ENGL-101	Composition I	3
ENGL-102	Composition II	3

III. Ethics, Fine Arts, History, or Humanities

Item #	Title	Credits
	2024 General Education - Ethics, Fine Arts, Humanities	**6**
ART-100	Art Appreciation	3
ART-381	Survey of Art History I	3
ART-382	Surv Art Hist II	3
BUSN-250	Social & Ethical Environment of Business	3
ENGL-240	Literary Forms	3
ENGL-250	Literary History and Culture	3
ENGL-350	Narrative, Healing and the Body	3
GEOG-350	Geography of Religion	3
MCOM-410	Media Law and Ethics	3
MUSC-100	Music Appreciation	3
MUSC-468	Survey of World Music	3
PHIL-100	The Meaning of Life	3
PHIL-200	Introduction to Philosophy	3
PHIL-210	Logic and Critical Thinking	3
PHIL-330	Ethics	3
PHIL-430	Medical Ethics	3
REL-210	Surv Old Testament	3
REL-220	Surv New Testament	3
REL-310	Comparative Religions	3
REL-315	Comparative Christianity	3
THEA-100	Intro to Theatre	3
THEA-340	Survey of Dramatic Literature	3

IV. Behavioral/Social Sciences

Item #	Title	Credits
	2024 General Education - Behavioral/Social Sciences	**3**
Choose one of the following courses:		
BUSN-380	Personal Finance	3
CRIM-105	Introduction to Criminal Justice	3
ECON-212	Principles of Microeconomics	3
ECON-213	Principles of Macroeconomics	3
GEOG-100	Introduction to Geography	3
GEOG-110	World Regional Geography	3
GEOG-211	Intro to Human Geography	3
GEOG-300	Environmental Geography	3
POLS-100	American Government: National	3
POLS-240	Intro to Political Ideas	3
POLS-250	Introduction to International Relations	3
PSYC-100	Introduction to Psychology	3
PSYC-221	Child and Adolescent Development	3
PSYC-222	Adult Development	3
SOCI-100	Introduction to Sociology	3

V. History

Item #	Title	Credits
	2025 General Education - History	**6**
HIST-121	World History to 1500	3
HIST-122	World Hist Since 1500	3
HIST-131	American History to 1877	3
HIST-132	American Hist Since 1877	3

VI. Mathematics

(*see* **Mathematics Placement**)

Item #	Title	Credits
	2025 General Education - Mathematics (for Baccalaureate degree)	**3**
MATH-110	Reasoning and Problem Solving	3
MATH-115	College Algebra	3
MATH-120	Trigonometry	3
MATH-150	Calculus I	4

VII. Natural Sciences/Physical Sciences

Item #	Title	Credits
	2025 General Education - Natural/Physical Sciences - Bachelor of Science	**8**

A. Life Sciences

Choose from the following courses (also take the corresponding lab):

BIOL-100	Introduction to Biology	3
BIOL-100L	Introduction to Biology Lab	1
BIOL-111	General Biology I	3
BIOL-111L	General Biology I Lab	1
BIOL-112	General Biology II	3
BIOL-112L	General Biology II Lab	1
BIOL-230	Microbiology	3
BIOL-230L	Microbiology Lab	1
BIOL-261	Human Anatomy and Physiology I	3
BIOL-261L	Human Anatomy and Physiology I Lab	1
BIOL-262	Human Anatomy and Physiology II	3
BIOL-262L	Human Anatomy and Physiology II Lab	1
CBIO-230	Forests of Appalachia	4
ENVS-100	Introduction to Environmental Science	4

B. Physical Sciences

Choose from the following courses (also take the corresponding lab):

CHEM-100	Introduction to Chemistry	3
CHEM-100L	Introduction to Chemistry Lab	1
CHEM-111	General Chemistry I	3
CHEM-111L	General Chemistry I Lab	1
CHEM-112	General Chemistry II	3
CHEM-112L	General Chemistry II Lab	1
GEOG-120	Int Phy Geog: Planet Earth	3
GEOG-120L	Int Phy Geog: Planet Earth Lab	1
PHYS-100	Introduction to Physics	3
PHYS-100L	Intro to Physics Lab	1
PHYS-211	General Physics I	3
PHYS-211L	General Physics I Lab	1
PHYS-212	General Physics II	3
PHYS-212L	General Physics II Lab	1
PHYS-251	University Physics I	4
PHYS-251L	University Physics I Lab	1
PHYS-252	University Physics II	4
PHYS-252L	University Physics II Lab	1

***LMU requires all first-time freshmen students with less than 15 credits of college credit to complete UACT 100.**

Professional Education Core

Item #	Title	Credits
PSYC-221	Child and Adolescent Development	3
PSYC-370	Educational Psychology	3
SPED-320	Differentiated Instruction	3
EDUC-210	Instructional Technology & Learning Resources	2
EDUC-290	The Teaching Profession	3
EDUC-390	Learning About Learners	2
EDUC-480	Clinical Practice I	2
EDUC-497	Enhanced Clinical Practice II	9
EDUC-497F	Enhanced Clinical Practice II Seminar	3

PSYC 221: Meets general education requirement

Major Core

Item #	Title	Credits
CDEV-350	Teaching Elementry Children	3
SPED-270	Teaching the Exceptional Learner	2
EDSL-200	Foundations of Language Acquisition	3
EDSL-320	Assessment and Characteristics of English Language Learners	3
EDSL-330	Methods of Instruction and Support for English Language Learners	3
EDUC-330	Integrated Health and Physical Education for the Elementary Classroom.	3
EDUC-340	Instructional and Assessment Strategies	3
EDUC-356	Methods of Teaching Elementary Science/Social Studies	4
EDUC-376	Fundamentals of Literacy	3
EDUC-376X	Fundamentals of Literacy - Junior SEWS Writing Requirement	0
EDUC-414	Research and Technical Writing in Education	1
EDUC-414Z	Research and Technical Writing in Education - Senior SEWS Writing Requirement	0
EDUC-420	Reading Diagnosis and Correction	3
EDUC-440	Teaching Literacy in the Elementary School	3
EDUC-450	Methods of Teaching Elementary Mathematics	3
ENGL-360	The English Language	3
	Choose six hours from English, Science, Social Studies or Math courses	**6**

Elective Credit

Students must complete 10 hours of elective credit.

	Total Credits	122

Special Education

BS in Education: Special Education, Comprehensive K-12 Concentration

Field of Study

Bachelor of Science

The Special Education: Comprehensive K-12 (BS) program of study enables teacher candidates who serve students with severe and multiple disabilities ages 5 through 21 to meet the performance standards for instructional programs in community- based (life skills) and general curricula to meet Tennessee Licensure Standards for Special Education:

Comprehensive K- 12. The Special Education major has been designed to ensure adequate preparation to support professionals teaching students with disabilities through a program of study of professional education, special education core, and comprehensive standards.

General Education

I. LMU Specific Courses

Item #	Title	Credits
UACT-100	Strategies for College Success	1
LNCN-100	Lincoln's Life and Legacy	1
CIVX-300	American Civics	2

II. Communication

Item #	Title	Credits
COMM-200	Fundamentals of Speech Communication	3
ENGL-101	Composition I	3
ENGL-102	Composition II	3

III. Ethics, Fine Arts, History, or Humanities

Item #	Title	Credits
	2024 General Education - Ethics, Fine Arts, Humanities	**6**
ART-100	Art Appreciation	3
ART-381	Survey of Art History I	3
ART-382	Surv Art Hist II	3
BUSN-250	Social & Ethical Environment of Business	3
ENGL-240	Literary Forms	3
ENGL-250	Literary History and Culture	3
ENGL-350	Narrative, Healing and the Body	3
GEOG-350	Geography of Religion	3
MCOM-410	Media Law and Ethics	3
MUSC-100	Music Appreciation	3
MUSC-468	Survey of World Music	3
PHIL-100	The Meaning of Life	3
PHIL-200	Introduction to Philosophy	3
PHIL-210	Logic and Critical Thinking	3
PHIL-330	Ethics	3
PHIL-430	Medical Ethics	3
REL-210	Surv Old Testament	3
REL-220	Surv New Testament	3
REL-310	Comparative Religions	3
REL-315	Comparative Christianity	3
THEA-100	Intro to Theatre	3
THEA-340	Survey of Dramatic Literature	3

IV. Behavioral/Social Sciences

Item #	Title	Credits
	2024 General Education - Behavioral/Social Sciences	**3**

Choose one of the following courses:

BUSN-380	Personal Finance	3
CRIM-105	Introduction to Criminal Justice	3
ECON-212	Principles of Microeconomics	3
ECON-213	Principles of Macroeconomics	3
GEOG-100	Introduction to Geography	3
GEOG-110	World Regional Geography	3
GEOG-211	Intro to Human Geography	3
GEOG-300	Environmental Geography	3
POLS-100	American Government: National	3
POLS-240	Intro to Political Ideas	3
POLS-250	Introduction to International Relations	3
PSYC-100	Introduction to Psychology	3
PSYC-221	Child and Adolescent Development	3
PSYC-222	Adult Development	3
SOCI-100	Introduction to Sociology	3

V. History

Item #	Title	Credits
	2025 General Education - History	**6**
HIST-121	World History to 1500	3
HIST-122	World Hist Since 1500	3
HIST-131	American History to 1877	3
HIST-132	American Hist Since 1877	3

VI. Mathematics

(*see* **Mathematics Placement**)

Item #	Title	Credits
	2025 General Education - Mathematics (for Baccalaureate degree)	**3**
MATH-110	Reasoning and Problem Solving	3
MATH-115	College Algebra	3
MATH-120	Trigonometry	3
MATH-150	Calculus I	4

VII. Natural Sciences/Physical Sciences

Item #	Title	Credits
	2025 General Education - Natural/Physical Sciences - Bachelor of Science	**8**

A. Life Sciences

Choose from the following courses (also take the corresponding lab):

BIOL-100	Introduction to Biology	3
BIOL-100L	Introduction to Biology Lab	1
BIOL-111	General Biology I	3
BIOL-111L	General Biology I Lab	1
BIOL-112	General Biology II	3
BIOL-112L	General Biology II Lab	1
BIOL-230	Microbiology	3
BIOL-230L	Microbiology Lab	1
BIOL-261	Human Anatomy and Physiology I	3
BIOL-261L	Human Anatomy and Physiology I Lab	1
BIOL-262	Human Anatomy and Physiology II	3
BIOL-262L	Human Anatomy and Physiology II Lab	1
CBIO-230	Forests of Appalachia	4
ENVS-100	Introduction to Environmental Science	4

B. Physical Sciences

Choose from the following courses (also take the corresponding lab):

CHEM-100	Introduction to Chemistry	3
CHEM-100L	Introduction to Chemistry Lab	1
CHEM-111	General Chemistry I	3
CHEM-111L	General Chemistry I Lab	1
CHEM-112	General Chemistry II	3
CHEM-112L	General Chemistry II Lab	1
GEOG-120	Int Phy Geog: Planet Earth	3
GEOG-120L	Int Phy Geog: Planet Earth Lab	1
PHYS-100	Introduction to Physics	3
PHYS-100L	Intro to Physics Lab	1
PHYS-211	General Physics I	3
PHYS-211L	General Physics I Lab	1
PHYS-212	General Physics II	3
PHYS-212L	General Physics II Lab	1
PHYS-251	University Physics I	4
PHYS-251L	University Physics I Lab	1
PHYS-252	University Physics II	4
PHYS-252L	University Physics II Lab	1

***LMU requires all first-time freshmen students with less than 15 credits of college credit to complete UACT 100.**

Professional Education Core

Item #	Title	Credits
PSYC-221	Child and Adolescent Development	3
PSYC-370	Educational Psychology	3
SPED-320	Differentiated Instruction	3
EDUC-210	Instructional Technology & Learning Resources	2
EDUC-290	The Teaching Profession	3
EDUC-390	Learning About Learners	2
EDUC-480	Clinical Practice I	2
EDUC-497	Enhanced Clinical Practice II	9
EDUC-497F	Enhanced Clinical Practice II Seminar	3

PSYC 221: Meets general education requirement

Major Core

Item #	Title	Credits
EDUC-340	Instructional and Assessment Strategies	3
EDUC-330	Integrated Health and Physical Education for the Elementary Classroom.	3
EDUC-376	Fundamentals of Literacy	3
EDUC-376X	Fundamentals of Literacy - Junior SEWS Writing Requirement	0
EDUC-414	Research and Technical Writing in Education	1
EDUC-414Z	Research and Technical Writing in Education - Senior SEWS Writing Requirement	0
EDUC-420	Reading Diagnosis and Correction	3
EDUC-440	Teaching Literacy in the Elementary School	3
EDUC-450	Methods of Teaching Elementary Mathematics	3
SPED-180	Assessment & IEP Development	3
SPED-190	Professional Partnerships: Special Education Law & Ethics for Collaboration with Families, Schools, and Agencies	3
SPED-210	Managing Academic and Social Behavior of Students with Disabilities	3
SPED-230	Characteristics and Communication of Students with Severe Disabilities	3
SPED-270	Teaching the Exceptional Learner	2
SPED-330	Methods of Instruction and Support for Students with Severe Disabilities	3
SPED-400	Literacy, Language, and Communication	3
SPED-410	Access, Assistive Technology, AAC, and Functional Academics	3
SPED-420	Postsecondary Transition for Students with Disabilities	3
SPED-490	Research to Practice Seminar	3

Elective Credit

	Total Credits	122

BS in Education : Special Education, Interventionist 6-12 Concentration

Field of Study

Bachelor of Science

LMU's undergraduate teacher education program for special education licensure offers courses leading to a Bachelor of Science degree in Special Education Interventionist for grades 6-12 that is in compliance with Tennessee Department of Education licensure standards. Preparation begins with general studies courses to establish a knowledge base, continuing through the development of the major and the Professional Education Core, and culminating in the Clinical Practice Experience (student teaching).

General Education

I. LMU Specific Courses

Item #	Title	Credits
UACT-100	Strategies for College Success	1
LNCN-100	Lincoln's Life and Legacy	1
CIVX-300	American Civics	2

II. Communication

Item #	Title	Credits
COMM-200	Fundamentals of Speech Communication	3
ENGL-101	Composition I	3
ENGL-102	Composition II	3

III. Ethics, Fine Arts, History, or Humanities

Item #	Title	Credits
	2024 General Education - Ethics, Fine Arts, Humanities	**6**
ART-100	Art Appreciation	3
ART-381	Survey of Art History I	3
ART-382	Surv Art Hist II	3
BUSN-250	Social & Ethical Environment of Business	3
ENGL-240	Literary Forms	3
ENGL-250	Literary History and Culture	3
ENGL-350	Narrative, Healing and the Body	3
GEOG-350	Geography of Religion	3
MCOM-410	Media Law and Ethics	3
MUSC-100	Music Appreciation	3
MUSC-468	Survey of World Music	3
PHIL-100	The Meaning of Life	3
PHIL-200	Introduction to Philosophy	3
PHIL-210	Logic and Critical Thinking	3
PHIL-330	Ethics	3
PHIL-430	Medical Ethics	3
REL-210	Surv Old Testament	3
REL-220	Surv New Testament	3
REL-310	Comparative Religions	3
REL-315	Comparative Christianity	3
THEA-100	Intro to Theatre	3
THEA-340	Survey of Dramatic Literature	3

IV. Behavioral/Social Sciences

Item #	Title	Credits
	2024 General Education - Behavioral/Social Sciences	**3**

Choose one of the following courses:

BUSN-380	Personal Finance	3
CRIM-105	Introduction to Criminal Justice	3
ECON-212	Principles of Microeconomics	3
ECON-213	Principles of Macroeconomics	3
GEOG-100	Introduction to Geography	3
GEOG-110	World Regional Geography	3
GEOG-211	Intro to Human Geography	3
GEOG-300	Environmental Geography	3
POLS-100	American Government: National	3
POLS-240	Intro to Political Ideas	3
POLS-250	Introduction to International Relations	3
PSYC-100	Introduction to Psychology	3
PSYC-221	Child and Adolescent Development	3
PSYC-222	Adult Development	3
SOCI-100	Introduction to Sociology	3

V. History

Item #	Title	Credits
	2025 General Education - History	**6**
HIST-121	World History to 1500	3
HIST-122	World Hist Since 1500	3
HIST-131	American History to 1877	3
HIST-132	American Hist Since 1877	3

VI. Mathematics

(*see* **Mathematics Placement**)

Item #	Title	Credits
	2025 General Education - Mathematics (for Baccalaureate degree)	**3**
MATH-110	Reasoning and Problem Solving	3
MATH-115	College Algebra	3
MATH-120	Trigonometry	3
MATH-150	Calculus I	4

VII. Natural Sciences/Physical Sciences

Item #	Title	Credits
	2025 General Education - Natural/Physical Sciences - Bachelor of Science	**8**

A. Life Sciences

Choose from the following courses (also take the corresponding lab):

BIOL-100	Introduction to Biology	3
BIOL-100L	Introduction to Biology Lab	1
BIOL-111	General Biology I	3
BIOL-111L	General Biology I Lab	1
BIOL-112	General Biology II	3
BIOL-112L	General Biology II Lab	1
BIOL-230	Microbiology	3
BIOL-230L	Microbiology Lab	1
BIOL-261	Human Anatomy and Physiology I	3
BIOL-261L	Human Anatomy and Physiology I Lab	1
BIOL-262	Human Anatomy and Physiology II	3
BIOL-262L	Human Anatomy and Physiology II Lab	1
CBIO-230	Forests of Appalachia	4
ENVS-100	Introduction to Environmental Science	4

B. Physical Sciences

Choose from the following courses (also take the corresponding lab):

CHEM-100	Introduction to Chemistry	3
CHEM-100L	Introduction to Chemistry Lab	1
CHEM-111	General Chemistry I	3
CHEM-111L	General Chemistry I Lab	1
CHEM-112	General Chemistry II	3
CHEM-112L	General Chemistry II Lab	1
GEOG-120	Int Phy Geog: Planet Earth	3
GEOG-120L	Int Phy Geog: Planet Earth Lab	1
PHYS-100	Introduction to Physics	3
PHYS-100L	Intro to Physics Lab	1
PHYS-211	General Physics I	3
PHYS-211L	General Physics I Lab	1
PHYS-212	General Physics II	3
PHYS-212L	General Physics II Lab	1
PHYS-251	University Physics I	4
PHYS-251L	University Physics I Lab	1
PHYS-252	University Physics II	4
PHYS-252L	University Physics II Lab	1

***LMU requires all first-time freshmen students with less than 15 credits of college credit to complete UACT 100.**

Professional Education Core

Item #	Title	Credits
PSYC-221	Child and Adolescent Development	3
PSYC-370	Educational Psychology	3
EDUC-210	Instructional Technology & Learning Resources	2
SPED-320	Differentiated Instruction	3
EDUC-290	The Teaching Profession	3
EDUC-390	Learning About Learners	2
EDUC-480	Clinical Practice I	2
EDUC-497	Enhanced Clinical Practice II	9
EDUC-497F	Enhanced Clinical Practice II Seminar	3

PSYC 221: Meets general education requirement

Major Core

Item #	Title	Credits
EDUC-330	Integrated Health and Physical Education for the Elementary Classroom.	3
EDUC-340	Instructional and Assessment Strategies	3
EDUC-360	Secondary Instructional Methods and Strategies	3
EDUC-370	Measurement and Evaluation	2
EDUC-376	Fundamentals of Literacy	3
EDUC-376X	Fundamentals of Literacy - Junior SEWS Writing Requirement	0
EDUC-414	Research and Technical Writing in Education	1
EDUC-414Z	Research and Technical Writing in Education - Senior SEWS Writing Requirement	0
EDUC-420	Reading Diagnosis and Correction	3
EDUC-440	Teaching Literacy in the Elementary School	3
EDUC-450	Methods of Teaching Elementary Mathematics	3
SPED-180	Assessment & IEP Development	3
SPED-190	Professional Partnerships: Special Education Law & Ethics for Collaboration with Families, Schools, and Agencies	3
SPED-210	Managing Academic and Social Behavior of Students with Disabilities	3
SPED-270	Teaching the Exceptional Learner	2
SPED-340	Characteristics of Students with High Incidence Disabilities	3
SPED-410	Access, Assistive Technology, AAC, and Functional Academics	3
SPED-420	Postsecondary Transition for Students with Disabilities	3
SPED-490	Research to Practice Seminar	3

Elective Credit

	Total Credits	122

BS in Education: Special Education, Interventionist K-8 Concentration

Field of Study

Bachelor of Science

LMU's undergraduate teacher education program for special education licensure offers courses leading to a Bachelor of Science in Education degree in Special Education Interventionist for grades K-8 concentration that is in compliance with the Tennessee Department of Education licensure standards. Preparation begins with general studies courses to establish a knowledge base, continuing through the development of the major and the Professional Education Core, and culminating in the Clinical Practice Experience (student teaching).

General Education

I. LMU Specific Courses

Item #	Title	Credits
UACT-100	Strategies for College Success	1
LNCN-100	Lincoln's Life and Legacy	1
CIVX-300	American Civics	2

II. Communication

Item #	Title	Credits
COMM-200	Fundamentals of Speech Communication	3
ENGL-101	Composition I	3
ENGL-102	Composition II	3

III. Ethics, Fine Arts, History, or Humanities

Item #	Title	Credits
	2024 General Education - Ethics, Fine Arts, Humanities	**6**
ART-100	Art Appreciation	3
ART-381	Survey of Art History I	3
ART-382	Surv Art Hist II	3
BUSN-250	Social & Ethical Environment of Business	3
ENGL-240	Literary Forms	3
ENGL-250	Literary History and Culture	3
ENGL-350	Narrative, Healing and the Body	3
GEOG-350	Geography of Religion	3
MCOM-410	Media Law and Ethics	3
MUSC-100	Music Appreciation	3
MUSC-468	Survey of World Music	3
PHIL-100	The Meaning of Life	3
PHIL-200	Introduction to Philosophy	3
PHIL-210	Logic and Critical Thinking	3
PHIL-330	Ethics	3
PHIL-430	Medical Ethics	3
REL-210	Surv Old Testament	3
REL-220	Surv New Testament	3
REL-310	Comparative Religions	3
REL-315	Comparative Christianity	3
THEA-100	Intro to Theatre	3
THEA-340	Survey of Dramatic Literature	3

IV. Behavioral/Social Sciences

Item #	Title	Credits
	2024 General Education - Behavioral/Social Sciences	**3**

Choose one of the following courses:

BUSN-380	Personal Finance	3
CRIM-105	Introduction to Criminal Justice	3
ECON-212	Principles of Microeconomics	3
ECON-213	Principles of Macroeconomics	3
GEOG-100	Introduction to Geography	3
GEOG-110	World Regional Geography	3
GEOG-211	Intro to Human Geography	3
GEOG-300	Environmental Geography	3
POLS-100	American Government: National	3
POLS-240	Intro to Political Ideas	3
POLS-250	Introduction to International Relations	3
PSYC-100	Introduction to Psychology	3
PSYC-221	Child and Adolescent Development	3
PSYC-222	Adult Development	3
SOCI-100	Introduction to Sociology	3

V. History

Item #	Title	Credits
	2025 General Education - History	**6**
HIST-121	World History to 1500	3
HIST-122	World Hist Since 1500	3
HIST-131	American History to 1877	3
HIST-132	American Hist Since 1877	3

VI. Mathematics

(*see* **Mathematics Placement**)

Item #	Title	Credits
	2025 General Education - Mathematics (for Baccalaureate degree)	**3**
MATH-110	Reasoning and Problem Solving	3
MATH-115	College Algebra	3
MATH-120	Trigonometry	3
MATH-150	Calculus I	4

VII. Natural Sciences/Physical Sciences

Item #	Title	Credits
	2025 General Education - Natural/Physical Sciences - Bachelor of Science	**8**

A. Life Sciences

Choose from the following courses (also take the corresponding lab):

BIOL-100	Introduction to Biology	3
BIOL-100L	Introduction to Biology Lab	1
BIOL-111	General Biology I	3
BIOL-111L	General Biology I Lab	1
BIOL-112	General Biology II	3
BIOL-112L	General Biology II Lab	1
BIOL-230	Microbiology	3
BIOL-230L	Microbiology Lab	1
BIOL-261	Human Anatomy and Physiology I	3
BIOL-261L	Human Anatomy and Physiology I Lab	1
BIOL-262	Human Anatomy and Physiology II	3
BIOL-262L	Human Anatomy and Physiology II Lab	1
CBIO-230	Forests of Appalachia	4
ENVS-100	Introduction to Environmental Science	4

B. Physical Sciences

Choose from the following courses (also take the corresponding lab):

CHEM-100	Introduction to Chemistry	3
CHEM-100L	Introduction to Chemistry Lab	1
CHEM-111	General Chemistry I	3
CHEM-111L	General Chemistry I Lab	1
CHEM-112	General Chemistry II	3
CHEM-112L	General Chemistry II Lab	1
GEOG-120	Int Phy Geog: Planet Earth	3
GEOG-120L	Int Phy Geog: Planet Earth Lab	1
PHYS-100	Introduction to Physics	3
PHYS-100L	Intro to Physics Lab	1
PHYS-211	General Physics I	3
PHYS-211L	General Physics I Lab	1
PHYS-212	General Physics II	3
PHYS-212L	General Physics II Lab	1
PHYS-251	University Physics I	4
PHYS-251L	University Physics I Lab	1
PHYS-252	University Physics II	4
PHYS-252L	University Physics II Lab	1

***LMU requires all first-time freshmen students with less than 15 credits of college credit to complete UACT 100.**

Professional Education Core

Item #	Title	Credits
PSYC-221	Child and Adolescent Development	3
PSYC-370	Educational Psychology	3
SPED-320	Differentiated Instruction	3
EDUC-210	Instructional Technology & Learning Resources	2
EDUC-290	The Teaching Profession	3
EDUC-390	Learning About Learners	2
EDUC-480	Clinical Practice I	2
EDUC-497	Enhanced Clinical Practice II	9
EDUC-497F	Enhanced Clinical Practice II Seminar	3

PSYC 221: Meets general education requirement

Major Core

Item #	Title	Credits
CDEV-350	Teaching Elementry Children	3
EDUC-340	Instructional and Assessment Strategies	3
EDUC-330	Integrated Health and Physical Education for the Elementary Classroom.	3
EDUC-356	Methods of Teaching Elementary Science/Social Studies	4
EDUC-376	Fundamentals of Literacy	3
EDUC-376X	Fundamentals of Literacy - Junior SEWS Writing Requirement	0
EDUC-414	Research and Technical Writing in Education	1
EDUC-414Z	Research and Technical Writing in Education - Senior SEWS Writing Requirement	0
EDUC-420	Reading Diagnosis and Correction	3
EDUC-440	Teaching Literacy in the Elementary School	3
EDUC-450	Methods of Teaching Elementary Mathematics	3
SPED-180	Assessment & IEP Development	3
SPED-190	Professional Partnerships: Special Education Law & Ethics for Collaboration with Families, Schools, and Agencies	3
SPED-210	Managing Academic and Social Behavior of Students with Disabilities	3
SPED-270	Teaching the Exceptional Learner	2
SPED-340	Characteristics of Students with High Incidence Disabilities	3
SPED-400	Literacy, Language, and Communication	3
SPED-490	Research to Practice Seminar	3

Electives

	Total Credits	122

Special Education and Elementary Education

BS in Education : Special Education and Elementary Education, Comprehensive Concentration

Field of Study
Bachelor of Science

This undergraduate program leads to a bachelor's degree in education and teaching endorsements for two areas: (1) SPED Comprehensive (K-12) and (2) Elementary Education (K-5) and follows a traditional, four-year plan including fieldwork and clinical experiences in general-elementary and special education settings. Candidates must successfully complete

baccalaureate coursework, including a full semester of student teaching. Student teaching includes one placement in a K-5 setting with a cooperating teacher with an Elementary Education (K-5) endorsement and another placement with a cooperating teacher endorsed in SPED in a special education setting for either (1) learners with moderate/severe disabilities or (2) learners with high incidence disabilities.

General Education

I. LMU Specific Courses

Item #	Title	Credits
UACT-100	Strategies for College Success	1
LNCN-100	Lincoln's Life and Legacy	1
CIVX-300	American Civics	2

II. Communication

Item #	Title	Credits
COMM-200	Fundamentals of Speech Communication	3
ENGL-101	Composition I	3
ENGL-102	Composition II	3

III. Ethics, Fine Arts, History, or Humanities

Item #	Title	Credits
	2024 General Education - Ethics, Fine Arts, Humanities	**6**
ART-100	Art Appreciation	3
ART-381	Survey of Art History I	3
ART-382	Surv Art Hist II	3
BUSN-250	Social & Ethical Environment of Business	3
ENGL-240	Literary Forms	3
ENGL-250	Literary History and Culture	3
ENGL-350	Narrative, Healing and the Body	3
GEOG-350	Geography of Religion	3
MCOM-410	Media Law and Ethics	3
MUSC-100	Music Appreciation	3
MUSC-468	Survey of World Music	3
PHIL-100	The Meaning of Life	3
PHIL-200	Introduction to Philosophy	3
PHIL-210	Logic and Critical Thinking	3
PHIL-330	Ethics	3
PHIL-430	Medical Ethics	3
REL-210	Surv Old Testament	3
REL-220	Surv New Testament	3
REL-310	Comparative Religions	3
REL-315	Comparative Christianity	3
THEA-100	Intro to Theatre	3
THEA-340	Survey of Dramatic Literature	3

IV. Behavioral/Social Sciences

PSYC-221 will fulfill this requirement and is a required course for this degree.

Item #	Title	Credits
	2024 General Education - Behavioral/Social Sciences	**3**

Choose one of the following courses:

BUSN-380	Personal Finance	3
CRIM-105	Introduction to Criminal Justice	3
ECON-212	Principles of Microeconomics	3
ECON-213	Principles of Macroeconomics	3
GEOG-100	Introduction to Geography	3
GEOG-110	World Regional Geography	3
GEOG-211	Intro to Human Geography	3
GEOG-300	Environmental Geography	3
POLS-100	American Government: National	3
POLS-240	Intro to Political Ideas	3
POLS-250	Introduction to International Relations	3
PSYC-100	Introduction to Psychology	3
PSYC-221	Child and Adolescent Development	3
PSYC-222	Adult Development	3
SOCI-100	Introduction to Sociology	3

V. History

Item #	Title	Credits
	2025 General Education - History	**6**
HIST-121	World History to 1500	3
HIST-122	World Hist Since 1500	3
HIST-131	American History to 1877	3
HIST-132	American Hist Since 1877	3

VI. Mathematics

(*see* **Mathematics Placement**)

Item #	Title	Credits
	2025 General Education - Mathematics (for Baccalaureate degree)	**3**
MATH-110	Reasoning and Problem Solving	3
MATH-115	College Algebra	3
MATH-120	Trigonometry	3
MATH-150	Calculus I	4

VII. Natural Sciences/Physical Sciences

Item #	Title	Credits
	2025 General Education - Natural/Physical Sciences - Bachelor of Science	**8**

A. Life Sciences

Choose from the following courses (also take the corresponding lab):

BIOL-100	Introduction to Biology	3
BIOL-100L	Introduction to Biology Lab	1
BIOL-111	General Biology I	3
BIOL-111L	General Biology I Lab	1
BIOL-112	General Biology II	3
BIOL-112L	General Biology II Lab	1
BIOL-230	Microbiology	3
BIOL-230L	Microbiology Lab	1
BIOL-261	Human Anatomy and Physiology I	3
BIOL-261L	Human Anatomy and Physiology I Lab	1
BIOL-262	Human Anatomy and Physiology II	3
BIOL-262L	Human Anatomy and Physiology II Lab	1
CBIO-230	Forests of Appalachia	4
ENVS-100	Introduction to Environmental Science	4

B. Physical Sciences

Choose from the following courses (also take the corresponding lab):

CHEM-100	Introduction to Chemistry	3
CHEM-100L	Introduction to Chemistry Lab	1
CHEM-111	General Chemistry I	3
CHEM-111L	General Chemistry I Lab	1
CHEM-112	General Chemistry II	3
CHEM-112L	General Chemistry II Lab	1
GEOG-120	Int Phy Geog: Planet Earth	3
GEOG-120L	Int Phy Geog: Planet Earth Lab	1
PHYS-100	Introduction to Physics	3
PHYS-100L	Intro to Physics Lab	1
PHYS-211	General Physics I	3
PHYS-211L	General Physics I Lab	1
PHYS-212	General Physics II	3
PHYS-212L	General Physics II Lab	1
PHYS-251	University Physics I	4
PHYS-251L	University Physics I Lab	1
PHYS-252	University Physics II	4
PHYS-252L	University Physics II Lab	1

***LMU requires all first-time freshmen students with less than 15 credits of college credit to complete UACT 100.**

Elective

Students must complete at least 1 credit hour of elective coursework.

Required Education Courses

Item #	Title	Credits
PSYC-221	Child and Adolescent Development	3
PSYC-370	Educational Psychology	3
CDEV-350	Teaching Elementry Children	3
EDUC-210	Instructional Technology & Learning Resources	2
EDUC-290	The Teaching Profession	3
EDUC-330	Integrated Health and Physical Education for the Elementary Classroom.	3
EDUC-340	Instructional and Assessment Strategies	3
EDUC-356	Methods of Teaching Elementary Science/Social Studies	4
EDUC-376	Fundamentals of Literacy	3
EDUC-376X	Fundamentals of Literacy - Junior SEWS Writing Requirement	0
EDUC-390	Learning About Learners	2
EDUC-414	Research and Technical Writing in Education	1
EDUC-414Z	Research and Technical Writing in Education - Senior SEWS Writing Requirement	0
EDUC-420	Reading Diagnosis and Correction	3
EDUC-440	Teaching Literacy in the Elementary School	3
EDUC-450	Methods of Teaching Elementary Mathematics	3
EDUC-480	Clinical Practice I	2
EDUC-497	Enhanced Clinical Practice II	9
EDUC-497F	Enhanced Clinical Practice II Seminar	3

PSYC 221: Meets general education requirement

Major Core

Item #	Title	Credits
SPED-180	Assessment & IEP Development	3
SPED-190	Professional Partnerships: Special Education Law & Ethics for Collaboration with Families, Schools, and Agencies	3
SPED-210	Managing Academic and Social Behavior of Students with Disabilities	3
SPED-230	Characteristics and Communication of Students with Severe Disabilities	3
SPED-270	Teaching the Exceptional Learner	2
SPED-320	Differentiated Instruction	3
SPED-330	Methods of Instruction and Support for Students with Severe Disabilities	3
SPED-400	Literacy, Language, and Communication	3
SPED-410	Access, Assistive Technology, AAC, and Functional Academics	3
SPED-420	Postsecondary Transition for Students with Disabilities	3
SPED-490	Research to Practice Seminar	3
	Total Credits	122

BS in Education: Special Education and Elementary Education, Interventionist Concentration

Field of Study

Bachelor of Science

This undergraduate program leads to a bachelor's degree in education and teaching endorsements for two areas: (1) SPED Interventionist (K-8) and (2) Elementary Education (K-5) and follows a traditional, four-year plan including fieldwork and clinical experiences in general-elementary and special education settings. Candidates must successfully complete baccalaureate coursework, including a full semester of student teaching. Student teaching includes one placement in a K-5

setting with a cooperating teacher with an Elementary Education (K-5) endorsement and another placement with a cooperating teacher endorsed in SPED in a special education setting for either (1) learners with moderate/severe disabilities or (2) learners with high incidence disabilities.

General Education

I. LMU Specific Courses

Item #	Title	Credits
UACT-100	Strategies for College Success	1
LNCN-100	Lincoln's Life and Legacy	1
CIVX-300	American Civics	2

II. Communication

Item #	Title	Credits
COMM-200	Fundamentals of Speech Communication	3
ENGL-101	Composition I	3
ENGL-102	Composition II	3

III. Ethics, Fine Arts, History, or Humanities

Item #	Title	Credits
	2024 General Education - Ethics, Fine Arts, Humanities	**6**
ART-100	Art Appreciation	3
ART-381	Survey of Art History I	3
ART-382	Surv Art Hist II	3
BUSN-250	Social & Ethical Environment of Business	3
ENGL-240	Literary Forms	3
ENGL-250	Literary History and Culture	3
ENGL-350	Narrative, Healing and the Body	3
GEOG-350	Geography of Religion	3
MCOM-410	Media Law and Ethics	3
MUSC-100	Music Appreciation	3
MUSC-468	Survey of World Music	3
PHIL-100	The Meaning of Life	3
PHIL-200	Introduction to Philosophy	3
PHIL-210	Logic and Critical Thinking	3
PHIL-330	Ethics	3
PHIL-430	Medical Ethics	3
REL-210	Surv Old Testament	3
REL-220	Surv New Testament	3
REL-310	Comparative Religions	3
REL-315	Comparative Christianity	3
THEA-100	Intro to Theatre	3
THEA-340	Survey of Dramatic Literature	3

IV. Behavioral/Social Sciences

Item #	Title	Credits
	2024 General Education - Behavioral/Social Sciences	**3**

Choose one of the following courses:

BUSN-380	Personal Finance	3
CRIM-105	Introduction to Criminal Justice	3
ECON-212	Principles of Microeconomics	3
ECON-213	Principles of Macroeconomics	3
GEOG-100	Introduction to Geography	3
GEOG-110	World Regional Geography	3
GEOG-211	Intro to Human Geography	3
GEOG-300	Environmental Geography	3
POLS-100	American Government: National	3
POLS-240	Intro to Political Ideas	3
POLS-250	Introduction to International Relations	3
PSYC-100	Introduction to Psychology	3
PSYC-221	Child and Adolescent Development	3
PSYC-222	Adult Development	3
SOCI-100	Introduction to Sociology	3

V. History

Item #	Title	Credits
	2025 General Education - History	**6**
HIST-121	World History to 1500	3
HIST-122	World Hist Since 1500	3
HIST-131	American History to 1877	3
HIST-132	American Hist Since 1877	3

VI. Mathematics (see Mathematics Placement)

Item #	Title	Credits
	2025 General Education - Mathematics (for Baccalaureate degree)	**3**
MATH-110	Reasoning and Problem Solving	3
MATH-115	College Algebra	3
MATH-120	Trigonometry	3
MATH-150	Calculus I	4

VII. Natural Sciences/Physical Sciences

Item #	Title	Credits
	2025 General Education - Natural/Physical Sciences - Bachelor of Science	**8**

A. Life Sciences

Choose from the following courses (also take the corresponding lab):

BIOL-100	Introduction to Biology	3
BIOL-100L	Introduction to Biology Lab	1
BIOL-111	General Biology I	3
BIOL-111L	General Biology I Lab	1
BIOL-112	General Biology II	3
BIOL-112L	General Biology II Lab	1
BIOL-230	Microbiology	3
BIOL-230L	Microbiology Lab	1
BIOL-261	Human Anatomy and Physiology I	3
BIOL-261L	Human Anatomy and Physiology I Lab	1
BIOL-262	Human Anatomy and Physiology II	3
BIOL-262L	Human Anatomy and Physiology II Lab	1
CBIO-230	Forests of Appalachia	4
ENVS-100	Introduction to Environmental Science	4

B. Physical Sciences

Choose from the following courses (also take the corresponding lab):

CHEM-100	Introduction to Chemistry	3
CHEM-100L	Introduction to Chemistry Lab	1
CHEM-111	General Chemistry I	3
CHEM-111L	General Chemistry I Lab	1
CHEM-112	General Chemistry II	3
CHEM-112L	General Chemistry II Lab	1
GEOG-120	Int Phy Geog: Planet Earth	3
GEOG-120L	Int Phy Geog: Planet Earth Lab	1
PHYS-100	Introduction to Physics	3
PHYS-100L	Intro to Physics Lab	1
PHYS-211	General Physics I	3
PHYS-211L	General Physics I Lab	1
PHYS-212	General Physics II	3
PHYS-212L	General Physics II Lab	1
PHYS-251	University Physics I	4
PHYS-251L	University Physics I Lab	1
PHYS-252	University Physics II	4
PHYS-252L	University Physics II Lab	1

***LMU requires all first-time freshmen students with less than 15 credits of college credit to complete UACT 100.**

Required Education Courses

Item #	Title	Credits
PSYC-221	Child and Adolescent Development	3
PSYC-370	Educational Psychology	3
CDEV-350	Teaching Elementry Children	3
EDUC-210	Instructional Technology & Learning Resources	2
EDUC-290	The Teaching Profession	3
EDUC-330	Integrated Health and Physical Education for the Elementary Classroom.	3
EDUC-340	Instructional and Assessment Strategies	3
EDUC-356	Methods of Teaching Elementary Science/Social Studies	4
EDUC-376	Fundamentals of Literacy	3
EDUC-376X	Fundamentals of Literacy - Junior SEWS Writing Requirement	0
EDUC-390	Learning About Learners	2
EDUC-414	Research and Technical Writing in Education	1
EDUC-414Z	Research and Technical Writing in Education - Senior SEWS Writing Requirement	0
EDUC-420	Reading Diagnosis and Correction	3
EDUC-440	Teaching Literacy in the Elementary School	3
EDUC-450	Methods of Teaching Elementary Mathematics	3
EDUC-480	Clinical Practice I	2
EDUC-497	Enhanced Clinical Practice II	9
EDUC-497F	Enhanced Clinical Practice II Seminar	3

PSYC 221: Meets general education requirement

Major Core

Item #	Title	Credits
SPED-180	Assessment & IEP Development	3
SPED-190	Professional Partnerships: Special Education Law & Ethics for Collaboration with Families, Schools, and Agencies	3
SPED-210	Managing Academic and Social Behavior of Students with Disabilities	3
SPED-270	Teaching the Exceptional Learner	2
SPED-320	Differentiated Instruction	3
SPED-340	Characteristics of Students with High Incidence Disabilities	3
SPED-400	Literacy, Language, and Communication	3
SPED-410	Access, Assistive Technology, AAC, and Functional Academics	3
SPED-490	Research to Practice Seminar	3

Elective Credit

	Total Credits	122

School of Engineering

Department of Civil Engineering

Mission Statement

The mission of the School of Engineering and Department of Civil Engineering is to provide a personal, hands-on learning education with a focus on career preparation in the field of engineering. In addition to upholding the principles of Abraham

Lincoln's life and pursuing a service to humanity, graduates with a Bachelor of Science in Civil Engineering degree will attain specific Program Educational Objectives. Within a few years of graduation, graduates will solve complex engineering problems and design solutions fulfilling the user's and project's needs while protecting the health, safety, and welfare of the public. Graduates will practice civil engineering utilizing innovative practices within reasonable constraints and in consideration to ethical, legal, and societal concerns. Graduates will engage in lifelong learning to achieve leadership positions in their profession and provide a service to society. Finally, graduates will demonstrate strong communication skills and work effectively on teams to establish goals and meet objectives.

Civil Engineering

BS in Civil Engineering

Field of Study
Bachelor of Science

General Education

I. LMU Specific Courses

Item #	Title	Credits
	2025 General Education - LMU Specific Courses	**4**
UACT-100	Strategies for College Success	1
LNCN-100	Lincoln's Life and Legacy	1
CIVX-300	American Civics	2

***LMU requires all first-time freshmen students with less than 15 credits of college credit to complete UACT 100.**

II. Communication

Item #	Title	Credits
	2025 General Education - Communications	**9**
ENGL-101	Composition I	3
ENGL-102	Composition II	3
COMM-200	Fundamentals of Speech Communication	3

Bachelor of Arts students are required to take 6 hours of a foreign language in addition to the above courses.

III. Ethics, Fine Arts, or Humanities

Civil engineering students must take BUSN 250 as one of the ethics, fine arts, or humanities courses.

Item #	Title	Credits
	2025 General Education - Fine Arts, Humanities, and Ethics (for Baccalaureate Degrees)	**6**

Fine Arts, Humanities, and Ethics

Choose **two** of the following (must have different prefixes, e.g. ART and GEOG):

ART-100	Art Appreciation	3
ART-381	Survey of Art History I	3
ART-382	Surv Art Hist II	3
BUSN-250	Social & Ethical Environment of Business	3
ENGL-240	Literary Forms	3
ENGL-250	Literary History and Culture	3
ENGL-350	Narrative, Healing and the Body	3
GEOG-350	Geography of Religion	3
MCOM-410	Media Law and Ethics	3
MUSC-100	Music Appreciation	3
MUSC-468	Survey of World Music	3
PHIL-100	The Meaning of Life	3
PHIL-200	Introduction to Philosophy	3
PHIL-210	Logic and Critical Thinking	3
PHIL-330	Ethics	3
PHIL-430	Medical Ethics	3
REL-210	Surv Old Testament	3
REL-220	Surv New Testament	3
REL-310	Comparative Religions	3
REL-315	Comparative Christianity	3
THEA-100	Intro to Theatre	3
THEA-340	Survey of Dramatic Literature	3

IV. Behavioral/Social Sciences

Item #	Title	Credits
	2024 General Education - Behavioral/Social Sciences	**3**

Choose one of the following courses:

BUSN-380	Personal Finance	3
CRIM-105	Introduction to Criminal Justice	3
ECON-212	Principles of Microeconomics	3
ECON-213	Principles of Macroeconomics	3
GEOG-100	Introduction to Geography	3
GEOG-110	World Regional Geography	3
GEOG-211	Intro to Human Geography	3
GEOG-300	Environmental Geography	3
POLS-100	American Government: National	3
POLS-240	Intro to Political Ideas	3
POLS-250	Introduction to International Relations	3
PSYC-100	Introduction to Psychology	3
PSYC-221	Child and Adolescent Development	3
PSYC-222	Adult Development	3
SOCI-100	Introduction to Sociology	3

V. History

Item #	Title	Credits
	2025 General Education - History	**6**
HIST-121	World History to 1500	3
HIST-122	World Hist Since 1500	3
HIST-131	American History to 1877	3
HIST-132	American Hist Since 1877	3

VI. Mathematics

(*see* **Mathematics Placement**)

Item #	Title	Credits
MATH-150	Calculus I	4

VII. Natural Sciences/Physical Sciences

Item #	Title	Credits
CHEM-111	General Chemistry I	3
CHEM-111L	General Chemistry I Lab	1
PHYS-251	University Physics I	4
PHYS-251L	University Physics I Lab	1

***LMU requires all first-time freshmen students with less than 15 credits of college credit to complete UACT 100.**

Required Courses

Item #	Title	Credits
CE-200	Land Surveying	3
CE-200L	Land Surveying Lab	1
CE-220	CE Materials	3
CE-220L	CE Materials Lab	1
CE-311	Structural Analysis	3
CE-312	Structural Design	3
CE-312L	Structural Design Lab	1
CE-330	Geotechnical Engineering	3
CE-330L	Geotechnical Engr Lab	1
CE-340	Transportation Engineering	3
CE-350	Water Resources	3
CE-350L	Water Resources Lab	1
CE-360	Construction Engineering	3
CE-401	CE Senior Design I	1
CE-402	Civil Engr Sr Design II	3
CE-402Z	Senior Writing Requirement	0
	CE-4XX Civil Engineering Elective	**9**
CE-412	Structural Design II	3
CE-430	Foundation Engineering	3
CE-460	Contracts	3
ENGR-100	Engineering Portal	1
ENGR-104	Math Applic in Engineering	2
ENGR-105	Engineering Graphics	2
ENGR-106	Engineering Computer Skills	2
ENGR-200	Engineering Profession I	1
ENGR-300	Engineering Profession II	1
ENGR-300X	Junior Writing Requirement	0
ENGR-304	Engineering Economics	2
ENGR-400	FE Review	1
ES-211	Statics	3
ES-212	Solid Mechanics	3
ES-214	Dynamics	3
ES-250	Fluid Mechanics	3
ES-250L	Fluid Mechanics Lab	1
MATH-250	Calculus II	4
MATH-255	Calculus III	4
MATH-350	Differential Equations	3
MATH-370	Mathematical Probability With Statistics	3
MGMT-300	Principles of Management	3

ASCE Requirement

Per ABET program criteria established by ASCE, all graduates must take a COSC, BIOL, or GEOG course.

*The GEOG course will fulfill both the Beh/SS elective and the ASCE requirement.

Engineering Professional Development (EPD) Requirement

The EPD requirement relates to the school's mission to develop job-ready engineers who prioritize the welfare of society. Fulfillment of the EPD is at the discretion of the Dean, Chair, or Program Director, and includes but is not limited to a professional enrichment activity, internship, or co-op. To fulfill this requirement, every student must submit a written report summarizing how their experience better prepares them for a career in engineering.

Program Policies

- Any transfer student entering the School of Engineering may be exempt from taking ENGR 100 - Engineering Portal if the student has taken engineering courses at another institution. The exemption decision is at the discretion of the Dean.
- Students entering the School of Engineering may be exempt from taking ENGR104 Math Application to Engineering if the student has earned credit for MATH 150 Calculus I. The exemption decision is at the discretion of the Dean.
- The School of Engineering follows the grading policy set forth in the course catalog. A passing grade will include letter grades A through D-. A failing grade is recognized with the letter grade, F.

	Total Credits	125

Mechanical Engineering

BS in Mechanical Engineering

Field of Study
Bachelor of Science

General Education

I. LMU Specific Courses

Item #	Title	Credits
	2025 General Education - LMU Specific Courses	**4**
UACT-100	Strategies for College Success	1
LNCN-100	Lincoln's Life and Legacy	1
CIVX-300	American Civics	2

***LMU requires all first-time freshmen students with less than 15 credits of college credit to complete UACT 100.**

II. Communication

Item #	Title	Credits
	2025 General Education - Communications	**9**
ENGL-101	Composition I	3
ENGL-102	Composition II	3
COMM-200	Fundamentals of Speech Communication	3

Bachelor of Arts students are required to take 6 hours of a foreign language in addition to the above courses.

III. Ethics, Fine Arts, History, or Humanities

Mechanical engineering students must take BUSN 250 as one of the ethics, fine arts, or humanities courses.

Item #	Title	Credits
	2025 General Education - Fine Arts, Humanities, and Ethics (for Baccalaureate Degrees)	**6**

Fine Arts, Humanities, and Ethics

Choose **two** of the following (must have different prefixes, e.g. ART and GEOG):

ART-100	Art Appreciation	3
ART-381	Survey of Art History I	3
ART-382	Surv Art Hist II	3
BUSN-250	Social & Ethical Environment of Business	3
ENGL-240	Literary Forms	3
ENGL-250	Literary History and Culture	3
ENGL-350	Narrative, Healing and the Body	3
GEOG-350	Geography of Religion	3
MCOM-410	Media Law and Ethics	3
MUSC-100	Music Appreciation	3
MUSC-468	Survey of World Music	3
PHIL-100	The Meaning of Life	3
PHIL-200	Introduction to Philosophy	3
PHIL-210	Logic and Critical Thinking	3
PHIL-330	Ethics	3
PHIL-430	Medical Ethics	3
REL-210	Surv Old Testament	3
REL-220	Surv New Testament	3
REL-310	Comparative Religions	3
REL-315	Comparative Christianity	3
THEA-100	Intro to Theatre	3
THEA-340	Survey of Dramatic Literature	3

IV. Behavioral/Social Sciences

Item #	Title	Credits
	2024 General Education - Behavioral/Social Sciences	**3**

Choose one of the following courses:

BUSN-380	Personal Finance	3
CRIM-105	Introduction to Criminal Justice	3
ECON-212	Principles of Microeconomics	3
ECON-213	Principles of Macroeconomics	3
GEOG-100	Introduction to Geography	3
GEOG-110	World Regional Geography	3
GEOG-211	Intro to Human Geography	3
GEOG-300	Environmental Geography	3
POLS-100	American Government: National	3
POLS-240	Intro to Political Ideas	3
POLS-250	Introduction to International Relations	3
PSYC-100	Introduction to Psychology	3
PSYC-221	Child and Adolescent Development	3
PSYC-222	Adult Development	3
SOCI-100	Introduction to Sociology	3

V. History

Item #	Title	Credits
	2025 General Education - History	**6**
HIST-121	World History to 1500	3
HIST-122	World Hist Since 1500	3
HIST-131	American History to 1877	3
HIST-132	American Hist Since 1877	3

VI. Mathematics

(*see* **Mathematics Placement**)

Item #	Title	Credits
MATH-150	Calculus I	4

VII. Natural Sciences/Physical Sciences

Item #	Title	Credits
CHEM-111	General Chemistry I	3
CHEM-111L	General Chemistry I Lab	1
PHYS-251	University Physics I	4
PHYS-251L	University Physics I Lab	1

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Required Courses

Item #	Title	Credits
ENGR-100	Engineering Portal	1
ENGR-104	Math Applic in Engineering	2
ENGR-107	ME Graphics	2
ENGR-108	ME Computer Skills	2
ENGR-200	Engineering Profession I	1
ENGR-300	Engineering Profession II	1
ENGR-300X	Junior Writing Requirement	0
ENGR-304	Engineering Economics	2
ENGR-400	FE Review	1
ES-211	Statics	3
ES-212	Solid Mechanics	3
ES-214	Dynamics	3
ES-250	Fluid Mechanics	3
MATH-250	Calculus II	4
MATH-255	Calculus III	4
MATH-260	Elementary Linear Algebra	3
MATH-350	Differential Equations	3
MATH-370	Mathematical Probability With Statistics	3
ME-210	ME Materials	3
ME-310	Mechanics of Machinery	3
ME-330	Thermodynamics I	3
ME-331	Thermodynamics II	3
ME-340	Heat Transfer	3
ME-401	ME Sr. Design I	1
ME-402	ME Sr. Design II	3
ME-402Z	Senior Writing Requirement	0
ME-410	Mechanical Component Design	3
ME-450	Thermofluid Component Design	3
	ME-4XX Design Elective (9 credits)	**9-9**
PHYS-252	University Physics II	4
PHYS-252L	University Physics II Lab	1
PHYS-350	Introduction to Electronics	3
PHYS-350L	Introduction to Electronics Lab	1

Engineering Professional Development (EPD) Requirement

The EPD requirement relates to the school's mission to develop job-ready engineers who prioritize the welfare of society. Fulfillment of the EPD is at the discretion of the Dean, Chair, or Program Director, and includes but is not limited to a professional enrichment activity, internship, or co-op. To fulfill this requirement, every student must submit a written report summarizing how their experience better prepares them for a career in engineering.

Program Policies

- Any transfer student entering the School of Engineering may be exempt from taking ENGR 100 - Engineering Portal if the student has taken engineering courses at another institution. The exemption decision is at the discretion of the Dean.
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- The School of Engineering follows the grading policy set forth in the course catalog. A passing grade will include letter grades A through D-. A failing grade is recognized with the letter grade, F.

College of Dental Medicine

MISSION

The Mission of the LMU-DH Program is to develop competent oral health care providers who are committed to the premise that the cornerstone of meaningful existence is service to humanity.

THE MISSION OF THE LMU-DH PROGRAM IS ACHIEVED BY:

- Graduating competent Registered Dental Hygienists.
- Providing a values-based learning community as the context for teaching, research, patient care, and service.
- Improving the oral and general health of the people within the Appalachian region and beyond.
- Focusing on enhanced access to oral health care for underserved communities.
- Investing in quality academic programs supported by superior faculty and technology.
- Embracing compassionate, patient-centered, and person- centered oral health care values diversity, public service, and leadership as an enduring commitment to professionalism and the highest ethical standards.
- Facilitating the growth, development, and maintenance of graduate dental hygiene education.

LINCOLN MEMORIAL UNIVERSITY DENTAL HYGIENE PROGRAM GOALS

1. Provide dental hygiene students with a quality education that integrates evidence-based knowledge and skills in general education, biomedical science, dental science, dental hygiene science, and basic clinical education necessary to become competent dental hygiene practitioners.
2. Provide an environment that promotes and supports research and scholarly activity in education and oral health care.
3. Provide high quality, evidence-based, patient-centered care for our patients while improving access to oral health care in the region through the practice of our graduates.
4. Address the oral health needs and improve access to oral healthcare in the region through continuing dental hygiene education and community service efforts.

ADMISSIONS

Application Procedures

Lincoln Memorial University operates on a semester system with terms beginning in August, January, and May. Actual class start dates throughout the academic year are available in the Admissions Department.

The Dental Hygiene program will begin each August, with the application deadline March 15 each year. The dental hygiene program has 16-week semesters for fall and spring, with summer consisting of 10-week.

Applications for undergraduate general admissions for programs offered at all locations can be completed at https://www.lmunet.edu/undergraduate-admissions/application-process.php.

General admission to Lincoln Memorial University does not guarantee admission to specific programs. Please see the section of the catalog pertaining to the declared major for information relating to specific program acceptance. Programs may require additional applications when applying to the major.

Students Right To Know

To comply with federal regulations regarding the reporting of completion/graduation and transfer-out, Lincoln Memorial University annually prepares information regarding the completion/graduation rates within 150% of the normal tie to complete the program and the transfer-out rates of full-time, first- time students enrolled at the institution in the fall quarter who are pursuing certificate and degree programs at the institution. You may review this information in the Consumer Information section of the Lincoln Memorial University website.

Admissions Requirements by Pathway of Entry

Direct Freshman Entry

This pathway is appropriate for high school seniors applying to LMU who would like to complete their Associate of Science in Dental Hygiene in 3.0 years via the ASDH degree path. These students must meet the following criteria for undergraduate admissions:

Required Entrance Test(s):

For high school seniors, either the ACT or SAT to determine eligibility to take biology and chemistry courses. Students applying to the DHP must possess a cumulative high school GPA of 3.25 on a 4.0 scale. Minimum Score on Required Entrance Test(s): ACT of 22+

Students Must Satisfy the Following Requirements for Guaranteed Admissions:

High School Seniors:

- Complete the DH Application for Admissions.
- Initial Admissions Interview with CDM and DHP Admissions Committee (During Senior Year).
- 1,000-word essay – How you arrived at this career goal.
- Two letters of recommendation (from non-relatives) attesting to community service, leadership ability, character, and other skills.
- Minimum GPA for each Required Course: A C+ is the minimum grade needed for all required courses. Required Technical Standards and Competencies for Program Admission:
- 30 documented observation/shadowing hours in a General Dentist's Office shadowing the Dental Hygienist.
- During the Spring before the last semester of prerequisites, the student will apply to LMU-DHP through the admission portal. The student will be required to complete the supplemental application and meet for a second interview with the LMU-DHP admissions committee.
- Applicants must pass the LMU-CDM Medicine criminal background check.
- Applicants must be drug-free, as evidenced through required drug-testing (completed upon offer of admission).

LMU-DHP Technical Standards for Admissions and Retention

Candidates for admission must have sufficient abilities and skills in five areas: I) Observation; II) Communication; III) Motor; IV) Conceptual, Integrative, and Quantitative; and V) Behavioral and Social. Technological compensation can be made for some limitations in certain areas, but candidates should perform in a reasonably independent manner (Technical Standards).

I. Observation: The candidate must be able to make observations at a distance and close at hand accurately. Observation necessitates the functional use of the sense of vision and somatic sensation and is enhanced by the functional use of all other senses.
II. Communication: The candidate must communicate effectively, efficiently, and sensitively in both oral and written forms and perceive nonverbal communication.
III. Motor: The candidate must coordinate both gross and fine muscular movements, maintain equilibrium, and have functional use of the senses of touch and vision. The candidate must possess sufficient postural control, neuromuscular control, and eye-to- hand coordination to perform profession-specific skills and tasks.
IV. Conceptual, Integrative, and Quantitative Abilities: The candidate must be able to problem-solve, measure, calculate, reason, analyze, record, and synthesize large amounts of information in a timely manner. The candidate must be able to comprehend three-dimensional relationships and understand spatial relationships.
V. Behavioral and Social Attributes: The candidate must possess the emotional health required to utilize his/her intellectual abilities fully, the exercise of good judgment, the consistent, prompt completion of all responsibilities, and the development of mature, sensitive, and effective relationships.

The candidate must tolerate physically, mentally, and emotionally taxing workloads and function effectively under stress. The candidate must adapt to changing environments, display flexibility, and learn to function in the face of uncertainties. Compassion, integrity, concern for others, effective interpersonal skills, willingness, and ability to function as an effective team player, and interest and motivation to learn are all personal qualities required during the educational process.

Students must attest to the ability to meet technical requirements. Any student seeking accommodation must follow LMU's established process through the Department of Accessible Education Services. No accommodation is available for preclinical and clinical courses.

Students must have taken the seven prerequisite courses from an accredited institution to qualify for entry via this pathway. Prerequisites and recommended courses align with those of the previous path.

1. Complete the Dental Hygiene Application through the admissions portal.
2. At a minimum, science GPAs of 3.00 on a 4.00 scale are required. Applicants must report both a science and a cumulative GPA over 3.00 (although >3.25 will be generally competitive) on a 4.00 scale.
3. Two letters of recommendation are required. One must be from either a predental advisory committee or a science professor; the DHP prefers other letters to be written by either a dental or medical professional or someone who can attest to the applicant's integrity and ethical standards. Letters written by immediate family members will not be accepted. All letters of recommendation must be submitted directly to the School by those completing the letters. The Office of Admissions will not accept letters submitted by students.
4. Complete 30 documented observation/shadowing hours before entering the DHP
5. Applicants must demonstrate a genuine understanding of, and interest in, the humanitarian ethos of health care, particularly dental medicine.
6. Applicants should reflect a people and service orientation through community service or extracurricular activities.
7. Applicants should reflect proper motivation for and commitment to health care as demonstrated by previous salaried work, volunteer work, or other life experiences.
8. Applicants must possess the oral and written communication skills necessary to interact with patients and colleagues. Directions for the required essay submission will be provided before scheduling an interview.
9. Applicants must pass the LMU-CDM criminal background check.
10. Applicants must be drug-free, as evidenced through required drug-testing (completed upon offer of admission).

Admissions criteria are weighted with an emphasis on academic performance (approximately 3/4 of the final score), including science GPAs, non-science GPAs, cumulative GPAs, number of hours completed per semester or quarter, and institution(s) attended. Motivation, experience, recommendations, community service experience, and the interview evaluation (about 1/4 of the final score) also contribute to candidate rankings. The ranking formula, the weighting, and the scoring will be analyzed and reviewed before each admission cycle by the Admissions Committee (Applicant Ranking Plan).

Technical Standards for Admission

Candidates for admission must have sufficient abilities and skills in five areas: I) Observation; II) Communication; III) Motor; IV) Conceptual, Integrative, and Quantitative; and V) Behavioral and Social. Technological compensation can be made for some limitations in certain areas, but candidates should perform in a reasonably independent manner (Technical Standards).

I. Observation: The candidate must be able to make observations at a distance and close at hand accurately. Observation necessitates the functional use of the sense of vision and somatic sensation and is enhanced by the functional use of all other senses.
II. Communication: The candidate must communicate effectively, efficiently, and sensitively in both oral and written forms and perceive nonverbal communication.
III. Motor: The candidate must coordinate both gross and fine muscular movements, maintain equilibrium, and have functional use of the senses of touch and vision. The candidate must possess sufficient postural control, neuromuscular control, and eye-to- hand coordination to perform profession-specific skills and tasks.
IV. Conceptual, Integrative, and Quantitative Abilities: The candidate must be able to problem-solve, measure, calculate, reason, analyze, record, and synthesize large amounts of information in a timely manner. The candidate must be able to comprehend three-dimensional relationships and understand spatial relationships.
V. Behavioral and Social Attributes: The candidate must possess the emotional health required to utilize his/ her intellectual abilities fully, the exercise of good judgment, the consistent, prompt completion of all responsibilities, and the development of mature, sensitive, and effective relationships. The candidate must tolerate physically, mentally, and emotionally taxing workloads and function effectively under stress.

The candidate must adapt to changing environments, display flexibility, and learn to function in the face of

uncertainties. Compassion, integrity, concern for others, effective interpersonal skills, willingness, and ability to function as an effective team player, and interest and motivation to learn are all personal qualities required during the educational process.

Students must attest to the ability to meet technical requirements. Any student seeking accommodation must follow LMU's established process through the Department of Accessible Education Services.

Acceptance into a Lincoln Memorial University Dental Hygiene Program does not imply or guarantee that a student will be able to obtain licensure, certification, or employment. Several Lincoln Memorial University programs require field experiences during the curriculum (e.g., clinicals, internships, practicums, student teaching) and/or lead to a field that requires a license or certification. Background checks are required prior to matriculation into these programs and may further be required prior to the field experiences and/or licensure/certification. Students should be aware that a prior misdemeanor or felony arrest or conviction (or an event of this nature occurring during the program) may restrict the individual's ability to gain admission into the program, progress into field experiential training, and/or obtain professional licensure or certification. It is the responsibility of the student to inform the program of any issues that may have occurred in the past or that arise during the program. The events may require voluntary withdrawal or administrative dismissal from the program. All students are responsible for learning the requirements for licensure within their home state or any state in which he/she wishes to practice ensuring ability to meet these requirements.

Admission Of Transfer Students

Regular Transfer Admission- LMU meets the needs of community college students in the Appalachian Region by providing transference of credit. Overseen by the Director of Community College Relations and the Office of

Undergraduate Admissions, LMU's transfer policies are proactive in assuring that students have all the information necessary to make informed transfer decisions.

Regular Transfer Admission status is granted if a student has a cumulative GPA of 2.4 or higher on all previous college level work. Students with a cumulative GPA of less than 2.4 on previously attempted college- level work earned within the past five years must be reviewed by the Undergraduate Admissions Committee.

Students going before the Undergraduate Admissions Committee may be required to participate in the University's academic support and tutoring programs, may receive the recommendation to send more information, or may be denied admission to the University.

Transfer admission students who have completed fifteen (15) or more semester credit hours of potentially transferable seated, college-level course work at an accredited/approved college or university will be considered for regular transfer admission.

Students having completed fewer than fifteen (15) semester credit hours are subject to the Regular Admission criteria and procedures applicable to freshman admissions (see above). Transfer student applicants must submit the following:

- The online Application for Admission
- Official transcripts from all colleges and universities attended (sent directly from the institution)
- If fewer than fifteen (15) semester credit hours of college level course work have been completed, an official high school transcript must be submitted, along with official ACT/SAT test scores.

For more detail regarding Lincoln Memorial University policies regarding transfer credit, see the Lincoln Memorial University Undergraduate Catalog section entitled, "Transfer Credits from Other Institutions."

The college reserves the right to reject any or all credits from other institutions regardless of their accreditation status. The college reserves the right to refuse transfer credit for courses if the student's subsequent grades in required courses in the same subject fall below a 2.0 average.

Tuition and Fees

Enrollment cap: 30 Activity fee $150.00
Technology Fee $400.00
Graduation fee $300.00
Tuition fee $24,700.00 per year

Dentistry Instruments, Loupes, and Supplies Fee $4200.00
DH2-National Board Dental Hygiene $400.00
DH2- CDCA Licensure Examination $995.00

*A $1250 deposit fee will be due within 30 days of receiving the offer letter. The date will be clearly written on this letter also.

Orientation

Orientation for new students will be the 3 days before classes begin. With CPR training happening during the orientation.

Dental Hygiene

ASDH Curriculum Digest - Direct Admissions to DH with 7 Prerequisites

Field of Study
Associate of Science

Prerequisites

Item #	Title	Credits
BIOL-261	Human Anatomy and Physiology I	3
BIOL-261L	Human Anatomy and Physiology I Lab	1
BIOL-230	Microbiology	3
BIOL-230L	Microbiology Lab	1
ENGL-101	Composition I	3
PSYC-100	Introduction to Psychology	3
	Math (College level Math or higher)	**3**
CHEM-100	Introduction to Chemistry	3
CHEM-100L	Introduction to Chemistry Lab	1
SOCI-100	Introduction to Sociology	3
	AS General Education - Ethics, Fine Arts, History or Humanities	**3**
ART-100	Art Appreciation	3
ART-381	Survey of Art History I	3
ART-382	Surv Art Hist II	3
BUSN-250	Social & Ethical Environment of Business	3
ENGL-240	Literary Forms	3
ENGL-250	Literary History and Culture	3
ENGL-350	Narrative, Healing and the Body	3
GEOG-350	Geography of Religion	3
HIST-121	World History to 1500	3
HIST-122	World Hist Since 1500	3
HIST-131	American History to 1877	3
HIST-132	American Hist Since 1877	3
MCOM-410	Media Law and Ethics	3
MUSC-100	Music Appreciation	3
MUSC-468	Survey of World Music	3
PHIL-100	The Meaning of Life	3
PHIL-200	Introduction to Philosophy	3
PHIL-210	Logic and Critical Thinking	3
PHIL-330	Ethics	3
PHIL-430	Medical Ethics	3
REL-210	Surv Old Testament	3
REL-220	Surv New Testament	3
REL-310	Comparative Religions	3
REL-315	Comparative Christianity	3
THEA-100	Intro to Theatre	3
THEA-340	Survey of Dramatic Literature	3

DH-1, Fall – 20 Weeks

Item #	Title	Credits
DH-200	Clinical Theory I - Lec/Lab	5.2
DH-201	Embryology, Histology, & Dental Anatomy	3
DH-202	Head and Neck Anatomy	2
DH-203	Dental Radiology	3

DH-1, Spring- 20 Weeks

Item #	Title	Credits
DH-250	Clinic Theory II - Lec/Lab	5.8
DH-251	General and Oral Pathology	2
DH-252	Periodontology	2
DH-253	Pharmacology	2
DH-302	Treatment Patients With Special Needs	3
LNCN-100	Lincoln's Life and Legacy	1

DH-2 Summer – 10 Weeks

Item #	Title	Credits
DH-254	Pain, Anxiety, Medical Emergencies	4
DH-300	Clinic Theory III - Lec/Lab	6
DH-301	Dental Materials	3

DH-2 Fall Semester-20 Weeks

Item #	Title	Credits
DH-350	Clinic Theory IV - Lec/Lab	6.4
DH-351	Commun Outreach, Service Learn	3
DH-352	Ethics, Jurisprudence, and Practice Mana	3
COMM-200	Fundamentals of Speech Communication	3

DH-2, Spring Semester – 20 Weeks

Item #	Title	Credits
DH-360	Clinic Theory V - Lec/Lab	9
DH-361	Dental Hygiene Board Review	3
Program Total Credit Hours: 96.4/97.4 Max (includes UACT100 Strategies for College Success).		
	Total Credits	96.4

ASDH Curriculum Digest - Direct Admit from High School Years 1, 2, 3,

Field of Study

Associate of Science

Years 1, 2, 3,

Gen Eds and Prerequisites, Fall

Dental Hygiene students are required to take MATH-105 or higher to satisfy the math general education requirement.

Item #	Title	Credits
BIOL-261	Human Anatomy and Physiology I	3
BIOL-261L	Human Anatomy and Physiology I Lab	1
ENGL-101	Composition I	3
SOCI-100	Introduction to Sociology	3
MATH-105	Transitional College Mathematics	3
LNCN-100	Lincoln's Life and Legacy	1
UACT-100	Strategies for College Success	1

Gen Eds and Prerequisites, Spring

Item #	Title	Credits
BIOL-230	Microbiology	3
BIOL-230L	Microbiology Lab	1
COMM-200	Fundamentals of Speech Communication	3
PSYC-100	Introduction to Psychology	3
CHEM-100	Introduction to Chemistry	3
CHEM-100L	Introduction to Chemistry Lab	1
	AS General Education - Ethics, Fine Arts, History or Humanities	**3**
ART-100	Art Appreciation	3
ART-381	Survey of Art History I	3
ART-382	Surv Art Hist II	3
BUSN-250	Social & Ethical Environment of Business	3
ENGL-240	Literary Forms	3
ENGL-250	Literary History and Culture	3
ENGL-350	Narrative, Healing and the Body	3
GEOG-350	Geography of Religion	3
HIST-121	World History to 1500	3
HIST-122	World Hist Since 1500	3
HIST-131	American History to 1877	3
HIST-132	American Hist Since 1877	3
MCOM-410	Media Law and Ethics	3
MUSC-100	Music Appreciation	3
MUSC-468	Survey of World Music	3
PHIL-100	The Meaning of Life	3
PHIL-200	Introduction to Philosophy	3
PHIL-210	Logic and Critical Thinking	3
PHIL-330	Ethics	3
PHIL-430	Medical Ethics	3
REL-210	Surv Old Testament	3
REL-220	Surv New Testament	3
REL-310	Comparative Religions	3
REL-315	Comparative Christianity	3
THEA-100	Intro to Theatre	3
THEA-340	Survey of Dramatic Literature	3

DH-1, Fall – 20 Weeks

Item #	Title	Credits
DH-200	Clinical Theory I - Lec/Lab	5.2
DH-201	Embryology, Histology, & Dental Anatomy	3
DH-202	Head and Neck Anatomy	2
DH-203	Dental Radiology	3

DH-1, Spring- 20 Weeks

Item #	Title	Credits
DH-250	Clinic Theory II - Lec/Lab	5.8
DH-251	General and Oral Pathology	2
DH-252	Periodontology	2
DH-253	Pharmacology	2
DH-302	Treatment Patients With Special Needs	3

DH-2 Summer – 10 Weeks

Item #	Title	Credits
DH-254	Pain, Anxiety, Medical Emergencies	4
DH-300	Clinic Theory III - Lec/Lab	6
DH-301	Dental Materials	3

DH-2 Fall Semester-20 Weeks

Item #	Title	Credits
DH-350	Clinic Theory IV - Lec/Lab	6.4
DH-351	Commun Outreach, Service Learn	3
DH-352	Ethics, Jurisprudence, and Practice Mana	3

DH-2, Spring Semester – 20 Weeks

Item #	Title	Credits
DH-360	Clinic Theory V - Lec/Lab	9
DH-361	Dental Hygiene Board Review	3
	Total Credits	97.4

College of Mathematics, Sciences, and Health Professions

Mission Statement

The mission of the School of Mathematics and Sciences is to provide quality academic programs, majors, minors, concentrations, and pre-professional experiences taught by appropriately credentialed and competent faculty who foster a nurturing, scholarly and committed learning environment. The School of Mathematics and Sciences also contributes to the general education component of the LMU experience emphasizing values-based learning, the principles of Abraham Lincoln's life, and knowledge in support of service to humanity while advancing life in the Appalachian region and beyond.

The School of Mathematics and Sciences hosts not only baccalaureate major and minor fields of study, but includes specialized courses of study as pre-professional tracks that prepare students for entry into graduate and professional programs. These pre-professional programs include preparation for entry into medical, dental, pharmacy, optometry, or veterinary schools. In collaboration with the Carter and Moyers School of Education, initial teacher licensure is supported in several content areas.

Biology and Chemistry

Mission Statement

The Department of Biology at Lincoln Memorial University strives to graduate students who demonstrate a notable command of content knowledge and practical skills in their program area of choice. Degree programs incorporate current methods of scientific inquiry, mastery of terminology, and proficient use of technology in the Life Sciences. Graduates of the Department of Biology are expected to utilize ethical standards in the practice of their profession, to demonstrate an ability to communicate clearly and effectively, and to recognize an appreciation for the value of life-long learning. Department graduates go forward to serve their communities, the region, and humanity as informed voices for the advancement of understanding in the life sciences. Students pursuing a career in medicine, pharmacy, optometry, dentistry, or veterinary medicine should consider taking the pre-health track within the Biology major program.

Department Policy on Course Grades

All students must earn a grade of C– or better in BIOL 111 lecture and lab to enroll in BIOL 112.

All students in a Biology Department major must earn a grade of C– or better in each course required for their major to graduate. This applies to Biology, Biology Pre-Health Professions Track, Biology Professional Secondary Licensure Track, Conservation Biology Research Track, and Conservation Biology Wildlife and Fisheries Management Track.

The grading scale for the Department of Biology is as follows:

A	92.00-100
A-	90.00-91.99
B+	88.00-89.99
B	82.00-87.99
B-	80.00-81.99
C+	78.00-79.99
C	72.00-77.99
C-	70.00-71.99
D+	68.00-69.99
D	62.00-67.99
D-	60.00-61.99
F	<59.99

BS in Biology

Field of Study
Bachelor of Science

General Education

I. LMU Specific Courses

Item #	Title	Credits
	2025 General Education - LMU Specific Courses	**4**
UACT-100	Strategies for College Success	1
LNCN-100	Lincoln's Life and Legacy	1
CIVX-300	American Civics	2

***LMU requires all first-time freshmen students with less than 15 credits of college credit to complete UACT 100.**

II. Communication

Item #	Title	Credits
	2025 General Education - Communications	**9**
ENGL-101	Composition I	3
ENGL-102	Composition II	3
COMM-200	Fundamentals of Speech Communication	3

Bachelor of Arts students are required to take 6 hours of a foreign language in addition to the above courses.

III. Ethics, Fine Arts, History, or Humanities

Students in this major must choose one of the following ethics courses (BIOL-224, PHIL-330, or PHIL-430) in addition to a course from the list below.

Item #	Title	Credits
	2025 General Education - Fine Arts, Humanities, and Ethics (for Baccalaureate Degrees)	**6**

Fine Arts, Humanities, and Ethics

Choose **two** of the following (must have different prefixes, e.g. ART and GEOG):

ART-100	Art Appreciation	3
ART-381	Survey of Art History I	3
ART-382	Surv Art Hist II	3
BUSN-250	Social & Ethical Environment of Business	3
ENGL-240	Literary Forms	3
ENGL-250	Literary History and Culture	3
ENGL-350	Narrative, Healing and the Body	3
GEOG-350	Geography of Religion	3
MCOM-410	Media Law and Ethics	3
MUSC-100	Music Appreciation	3
MUSC-468	Survey of World Music	3
PHIL-100	The Meaning of Life	3
PHIL-200	Introduction to Philosophy	3
PHIL-210	Logic and Critical Thinking	3
PHIL-330	Ethics	3
PHIL-430	Medical Ethics	3
REL-210	Surv Old Testament	3
REL-220	Surv New Testament	3
REL-310	Comparative Religions	3
REL-315	Comparative Christianity	3
THEA-100	Intro to Theatre	3
THEA-340	Survey of Dramatic Literature	3

IV. Behavioral/Social Sciences

Item #	Title	Credits
	2024 General Education - Behavioral/Social Sciences	**3**

Choose one of the following courses:

BUSN-380	Personal Finance	3
CRIM-105	Introduction to Criminal Justice	3
ECON-212	Principles of Microeconomics	3
ECON-213	Principles of Macroeconomics	3
GEOG-100	Introduction to Geography	3
GEOG-110	World Regional Geography	3
GEOG-211	Intro to Human Geography	3
GEOG-300	Environmental Geography	3
POLS-100	American Government: National	3
POLS-240	Intro to Political Ideas	3
POLS-250	Introduction to International Relations	3
PSYC-100	Introduction to Psychology	3
PSYC-221	Child and Adolescent Development	3
PSYC-222	Adult Development	3
SOCI-100	Introduction to Sociology	3

V. History

Item #	Title	Credits
	2025 General Education - History	**6**
HIST-121	World History to 1500	3
HIST-122	World Hist Since 1500	3
HIST-131	American History to 1877	3
HIST-132	American Hist Since 1877	3

VI. Mathematics

(*see* **Mathematics Placement**)

Item #	Title	Credits
MATH-150	Calculus I	4

VII. Natural Sciences/Physical Sciences

Item #	Title	Credits
BIOL-111	General Biology I	3
BIOL-111L	General Biology I Lab	1
CHEM-111	General Chemistry I	3
CHEM-111L	General Chemistry I Lab	1

***LMU requires all first-time freshmen students with less than 15 credits of college credit to complete UACT 100.**

Required Courses

Item #	Title	Credits
BIOL-290	Writing in the Life Sciences	1
BIOL-310	Comparative Human and Vertebrate Anatomy	3
BIOL-310L	Comparative Human and Vertebrate Anatomy Lab	1
BIOL-315	Molecular Genetics	3
BIOL-315L	Molecular Genetics Lab	1
BIOL-336	General Microbiology	3
BIOL-336L	General Microbiology Lab	1
BIOL-370	Ecology	3
BIOL-370L	Ecology Lab	1
BIOL-380	Research Design and Analysis	3
BIOL-397	Jr. Science Seminar	1
BIOL-410	Evolution	3
BIOL-483	Research in Biology	1-3
BIOL-497	Senior Science Seminar	1

Plant Biodiversity course

Select **ONE** lecture and corresponding lab course

Item #	Title	Credits
BIOL-320	Principles of Botany	3
BIOL-320L	Principles of Botany Lab	1
BIOL-330	Field Botany	3
BIOL-330L	Field Botany Lab	1

Invertebrate Biodiversity Course

Select **ONE** lecture and corresponding lab course.

Item #	Title	Credits
BIOL-340	Invertebrate Zoology	3
BIOL-340L	Invertebrate Zoology Lab	1
BIOL-350	Entomology	4
VHS-300	Vet Parasitology & Entomology	3
VHS-300L	Vet Parasit/Entomolgy Lab	1

Upper-level electives

Select **eight credit hours** from the following courses. If the course has a corresponding lab, the lab MUST be taken. Note that a course cannot count for the plant diversity or invertebrate biodiversity and upper-level track elective.

Item #	Title	Credits
	BIOL Upper-level electives	
BIOL-320	Principles of Botany	3
BIOL-320L	Principles of Botany Lab	1
BIOL-330	Field Botany	3
BIOL-330L	Field Botany Lab	1
BIOL-334	General Histology	3
BIOL-340	Invertebrate Zoology	3
BIOL-340L	Invertebrate Zoology Lab	1
BIOL-350	Entomology	4
BIOL-360	Immunology	3
BIOL-365	General Physiology	3
BIOL-365L	General Physiology Lab	1
BIOL-395	Special Topic	3
BIOL-430	Topics in Microbiology	3
BIOL-441	Biochemistry I	4
BIOL-442	Biochemistry II	3
BIOL-442L	Biochemistry II Lab	1
BIOL-450	Molecular Cell Biology	3
BIOL-460	Developmental Biology	2
BIOL-483	Research in Biology	1-3
BIOL-495	Spec Topic Biology	1-3
CBIO-330	Ichthyology	3
CBIO-330L	Ichthyology Lab	1
CBIO-340	Herpetology	3
CBIO-340L	Herpetology Lab	1
CBIO-350	Ornithology	3
CBIO-350L	Ornithology Lab	1
CBIO-360	Mammalogy	3
CBIO-360L	Mammalogy Lab	1
CBIO-420	Wetland Ecosystems	3
CBIO-430	Terrestrial Ecosystems	3
CBIO-440	Freshwater Ecosystems	3
VHS-300	Vet Parasitology & Entomology	3
VHS-300L	Vet Parasit/Entomolgy Lab	1

Collateral Requirements

Item #	Title	Credits
BIOL-111	General Biology I	3
BIOL-111L	General Biology I Lab	1
BIOL-112	General Biology II	3
BIOL-112L	General Biology II Lab	1
CHEM-111	General Chemistry I	3
CHEM-111L	General Chemistry I Lab	1
CHEM-112	General Chemistry II	3
CHEM-112L	General Chemistry II Lab	1
CHEM-221	Organic Chemistry I	3
CHEM-221L	Organic Chemistry I Lab	1
CHEM-222	Organic Chemistry II	3
CHEM-222L	Organic Chemistry II Lab	1
MATH-150	Calculus I	4
MATH-270	Probability, Statistics	3
	Physics elective	
PHYS-211	General Physics I	3
PHYS-211L	General Physics I Lab	1
PHYS-251	University Physics I	4
PHYS-251L	University Physics I Lab	1
	Ethics elective	
BIOL-224	Ethics in Life Science Research	3
PHIL-330	Ethics	3
PHIL-430	Medical Ethics	3

BIOL-111, BIOL111L, CHEM-111, CHEM-111L, MATH-150, and Ethics elective (if choosing PHIL-330 or PHIL430) count towards General Education requirements.

Free Electives

Students may choose 18 credit hours of any courses

	Total Credits	122

BS in Biology Pre-Health Professions Track

Field of Study
Bachelor of Science

General Education

I. LMU Specific Courses

Item #	Title	Credits
	2025 General Education - LMU Specific Courses	**4**
UACT-100	Strategies for College Success	1
LNCN-100	Lincoln's Life and Legacy	1
CIVX-300	American Civics	2

***LMU requires all first-time freshmen students with less than 15 credits of college credit to complete UACT 100.**

II. Communication

Item #	Title	Credits
	2025 General Education - Communications	**9**
ENGL-101	Composition I	3
ENGL-102	Composition II	3
COMM-200	Fundamentals of Speech Communication	3

Bachelor of Arts students are required to take 6 hours of a foreign language in addition to the above courses.

III. Ethics, Fine Arts, History, or Humanities

Students in this major must choose one of the following ethics courses (BIOL-224 or PHIL-430) in addition to a course from the list below.

Item #	Title	Credits
	2025 General Education - Fine Arts, Humanities, and Ethics (for Baccalaureate Degrees)	**6**

Fine Arts, Humanities, and Ethics

Choose **two** of the following (must have different prefixes, e.g. ART and GEOG):

ART-100	Art Appreciation	3
ART-381	Survey of Art History I	3
ART-382	Surv Art Hist II	3
BUSN-250	Social & Ethical Environment of Business	3
ENGL-240	Literary Forms	3
ENGL-250	Literary History and Culture	3
ENGL-350	Narrative, Healing and the Body	3
GEOG-350	Geography of Religion	3
MCOM-410	Media Law and Ethics	3
MUSC-100	Music Appreciation	3
MUSC-468	Survey of World Music	3
PHIL-100	The Meaning of Life	3
PHIL-200	Introduction to Philosophy	3
PHIL-210	Logic and Critical Thinking	3
PHIL-330	Ethics	3
PHIL-430	Medical Ethics	3
REL-210	Surv Old Testament	3
REL-220	Surv New Testament	3
REL-310	Comparative Religions	3
REL-315	Comparative Christianity	3
THEA-100	Intro to Theatre	3
THEA-340	Survey of Dramatic Literature	3

IV. Behavioral/Social Sciences

Item #	Title	Credits
	PSYC-100 or SOCI-100	
PSYC-100	Introduction to Psychology	3
SOCI-100	Introduction to Sociology	3

V. History

Item #	Title	Credits
	2025 General Education - History	**6**
HIST-121	World History to 1500	3
HIST-122	World Hist Since 1500	3
HIST-131	American History to 1877	3
HIST-132	American Hist Since 1877	3

VI. Mathematics

(*see* **Mathematics Placement**)

Item #	Title	Credits
	MATH-120 or MATH-150	**3**
MATH-120	Trigonometry	3
MATH-150	Calculus I	4

VII. Natural Sciences/Physical Sciences

Item #	Title	Credits
BIOL-111	General Biology I	3
BIOL-111L	General Biology I Lab	1
CHEM-111	General Chemistry I	3
CHEM-111L	General Chemistry I Lab	1

***LMU requires all first-time freshmen students with less than 15 credits of college credit to complete UACT 100.**

Required Courses

Item #	Title	Credits
BIOL-194	Pre-Health Careers Seminar I	1
BIOL-294	Pre-Health Careers Seminar II	1
BIOL-310	Comparative Human and Vertebrate Anatomy	3
BIOL-310L	Comparative Human and Vertebrate Anatomy Lab	1
BIOL-315	Molecular Genetics	3
BIOL-315L	Molecular Genetics Lab	1
BIOL-380	Research Design and Analysis	3
BIOL-441	Biochemistry I	4

Seminar requirement

Choose a sequence from the following:

Item #	Title	Credits
	BIOL 387/X and BIOL 487/Z or BIOL-397/X and BIOL 497Z	**2**
BIOL-387	Jr Pre-Med Science Seminar	1
BIOL-387X	Jr Writing Requirement	0
BIOL-487	Senior Pre-Med Science Seminar	1
BIOL-487Z	Sr Writing Requirement	0
BIOL-397	Jr. Science Seminar	1
BIOL-397X	Jr Writing Req	
BIOL-497	Senior Science Seminar	1
BIOL-497Z	Sr Writing Req	

Complete 22 credit hours of the following:

Select **One** Molecular Cell course. *If the lecture course has a corresponding lab course, the lab must be taken (will count in remaining credit hours below)*

Item #	Title	Credits
BIOL-360	Immunology	3
BIOL-442	Biochemistry II	3
BIOL-450	Molecular Cell Biology	3

Select **One** Organismic course. *If the lecture course has a corresponding lab course, the lab must be taken (will count in remaining credit hours below)*

Item #	Title	Credits
BIOL-336	General Microbiology	3
BIOL-365	General Physiology	3
PEXS-300	Exercise Physiology	3
VHS-300	Vet Parasitology & Entomology	3

Select the remaining **16 credit hours** from the following courses. *If the lecture course has a corequisite laboratory course, the laboratory course MUST be taken. Note that a lecture course cannot count for the Molecular Cell or Organismic level and upper level.*

Item #	Title	Credits
AHSC-300	Medical Terminology	3
BIOL-320	Principles of Botany	3
BIOL-320L	Principles of Botany Lab	1
BIOL-334	General Histology	3
BIOL-336	General Microbiology	3
BIOL-336L	General Microbiology Lab	1
BIOL-360	Immunology	3
BIOL-365	General Physiology	3
BIOL-365L	General Physiology Lab	1
BIOL-370	Ecology	3
BIOL-370L	Ecology Lab	1
BIOL-395	Special Topic	3
BIOL-410	Evolution	3
BIOL-411	Advanced Human Anatomy	4
BIOL-430	Topics in Microbiology	3
BIOL-442	Biochemistry II	3
BIOL-442L	Biochemistry II Lab	1
BIOL-450	Molecular Cell Biology	3
BIOL-460	Developmental Biology	2
BIOL-483	Research in Biology	1-3
BIOL-495	Spec Topic Biology	1-3
CHEM-483	Research in Chemistry	1-3
PEXS-300	Exercise Physiology	3
PEXS-372	Kinesiology & Biomechanics	3
PSYC-475	Neuropsychology	3
VHS-300	Vet Parasitology & Entomology	3
VHS-300L	Vet Parasit/Entomolgy Lab	1
VHS-330	One Health	3
VHS-400	Zoonotic Diseases Vet/Pub Hlth	3

Collateral Requirements

Item #	Title	Credits
BIOL-111	General Biology I	3
BIOL-111L	General Biology I Lab	1
BIOL-112	General Biology II	3
BIOL-112L	General Biology II Lab	1
CHEM-111	General Chemistry I	3
CHEM-111L	General Chemistry I Lab	1
CHEM-112	General Chemistry II	3
CHEM-112L	General Chemistry II Lab	1
CHEM-221	Organic Chemistry I	3
CHEM-221L	Organic Chemistry I Lab	1
CHEM-222	Organic Chemistry II	3
CHEM-222L	Organic Chemistry II Lab	1
	PHYS series elective	
PHYS-211	General Physics I	3
PHYS-211L	General Physics I Lab	1
PHYS-212	General Physics II	3
PHYS-212L	General Physics II Lab	1
PHYS-251	University Physics I	4
PHYS-251L	University Physics I Lab	1
PHYS-252	University Physics II	4
PHYS-252L	University Physics II Lab	1
	MATH-120 or MATH-150	
MATH-120	Trigonometry	3
MATH-150	Calculus I	4
MATH-270	Probability, Statistics	3
PSYC-100	Introduction to Psychology	3
SOCI-100	Introduction to Sociology	3
	Biology Pre-Health Ethics	
BIOL-224	Ethics in Life Science Research	3
PHIL-430	Medical Ethics	3
	Biology Pre-Health Upper-Level Psychology	

Biology Pre-Health Upper-Level Psychology

Upper level PSYC elective, choose one course.

PSYC-221	Child and Adolescent Development	3
PSYC-222	Adult Development	3
PSYC-255	Introduction to Social Psychology	3
PSYC-260	Introduction to Evolutionary Psychology	3
PSYC-314	Hist, Systems Psychology	3
PSYC-315	Theories of Personality	3
PSYC-337	Psychology of Music	3
PSYC-340	Abnormal Psychology	3
PSYC-350	Social Psychology	3
PSYC-370	Educational Psychology	3
PSYC-394	Cognitive Psychology	3
PSYC-420	Psychology of Aging	3
PSYC-450	Health Psychology	3

BIOL-111, BIOL-111L, CHEM-111, CHEM-111L, MATH requirement (MATH-120 or MATH-150), PSYC-100 or SOCI-100 (both are required for the major), and Ethics option if choosing PHIL-430 also count towards the General Education requirements.

Free Electives

Students may choose 9 credit hours of any course

	Total Credits	122

BS in Biology Secondary Education Track

Field of Study
Bachelor of Science

General Education

I. LMU Specific Courses

Item #	Title	Credits
	2025 General Education - LMU Specific Courses	**4**
UACT-100	Strategies for College Success	1
LNCN-100	Lincoln's Life and Legacy	1
CIVX-300	American Civics	2

***LMU requires all first-time freshmen students with less than 15 credits of college credit to complete UACT 100.**

II. Communication

Item #	Title	Credits
	2025 General Education - Communications	**9**
ENGL-101	Composition I	3
ENGL-102	Composition II	3
COMM-200	Fundamentals of Speech Communication	3

Bachelor of Arts students are required to take 6 hours of a foreign language in addition to the above courses.

III. Ethics, Fine Arts, History, or Humanities

Students in this major must choose one of the following ethics courses (BIOL-224, PHIL-330, or PHIL-430) in addition to a course from the list below.

Item #	Title	Credits
	2025 General Education - Fine Arts, Humanities, and Ethics (for Baccalaureate Degrees)	**6**

Fine Arts, Humanities, and Ethics

Choose **two** of the following (must have different prefixes, e.g. ART and GEOG):

ART-100	Art Appreciation	3
ART-381	Survey of Art History I	3
ART-382	Surv Art Hist II	3
BUSN-250	Social & Ethical Environment of Business	3
ENGL-240	Literary Forms	3
ENGL-250	Literary History and Culture	3
ENGL-350	Narrative, Healing and the Body	3
GEOG-350	Geography of Religion	3
MCOM-410	Media Law and Ethics	3
MUSC-100	Music Appreciation	3
MUSC-468	Survey of World Music	3
PHIL-100	The Meaning of Life	3
PHIL-200	Introduction to Philosophy	3
PHIL-210	Logic and Critical Thinking	3
PHIL-330	Ethics	3
PHIL-430	Medical Ethics	3
REL-210	Surv Old Testament	3
REL-220	Surv New Testament	3
REL-310	Comparative Religions	3
REL-315	Comparative Christianity	3
THEA-100	Intro to Theatre	3
THEA-340	Survey of Dramatic Literature	3

IV. Behavioral/Social Sciences

Item #	Title	Credits
PSYC-221	Child and Adolescent Development	3

V. History

Item #	Title	Credits
	2025 General Education - History	**6**
HIST-121	World History to 1500	3
HIST-122	World Hist Since 1500	3
HIST-131	American History to 1877	3
HIST-132	American Hist Since 1877	3

VI. Mathematics

(*see* **Mathematics Placement**)

Item #	Title	Credits
	MATH-115 or MATH-120	
MATH-115	College Algebra	3
MATH-120	Trigonometry	3

VII. Natural Sciences/Physical Sciences

Item #	Title	Credits
BIOL-111	General Biology I	3
BIOL-111L	General Biology I Lab	1
CHEM-111	General Chemistry I	3
CHEM-111L	General Chemistry I Lab	1

***LMU requires all first-time freshmen students with less than 15 credits of college credit to complete UACT 100.**

Required Courses

Cellular and Organismal Competency

Item #	Title	Credits
BIOL-310	Comparative Human and Vertebrate Anatomy	3
BIOL-310L	Comparative Human and Vertebrate Anatomy Lab	1
BIOL-315	Molecular Genetics	3
BIOL-315L	Molecular Genetics Lab	1

Choose **one** of the lecture and corresponding lab from the following.

Item #	Title	Credits
BIOL-320	Principles of Botany	3
BIOL-320L	Principles of Botany Lab	1
BIOL-336	General Microbiology	3
BIOL-336L	General Microbiology Lab	1
BIOL-340	Invertebrate Zoology	3
BIOL-340L	Invertebrate Zoology Lab	1
BIOL-365	General Physiology	3
BIOL-365L	General Physiology Lab	1

Evolution and Ecology Competency

Item #	Title	Credits
BIOL-370	Ecology	3
BIOL-370L	Ecology Lab	1
BIOL-410	Evolution	3

Choose **four** credits from the following courses. *If the course has a corresponding laboratory course, the laboratory course MUST be taken.*

Item #	Title	Credits
BIOL-350	Entomology	4
BIOL-460	Developmental Biology	2
BIOL-483	Research in Biology	1-3
CBIO-330	Ichthyology	3
CBIO-330L	Ichthyology Lab	1
CBIO-340	Herpetology	3
CBIO-340L	Herpetology Lab	1
CBIO-350	Ornithology	3
CBIO-350L	Ornithology Lab	1
CBIO-360	Mammalogy	3
CBIO-360L	Mammalogy Lab	1
CBIO-420	Wetland Ecosystems	3
CBIO-430	Terrestrial Ecosystems	3
CBIO-440	Freshwater Ecosystems	3

Supporting Competencies

Item #	Title	Credits
BIOL-290	Writing in the Life Sciences	1
BIOL-380	Research Design and Analysis	3
BIOL-397	Jr. Science Seminar	1
BIOL-497	Senior Science Seminar	1
CBIO-200	Conservation Biology	3

Collateral Requirements

Item #	Title	Credits
BIOL-111	General Biology I	3
BIOL-111L	General Biology I Lab	1
BIOL-112	General Biology II	3
BIOL-112L	General Biology II Lab	1
CHEM-111	General Chemistry I	3
CHEM-111L	General Chemistry I Lab	1
CHEM-112	General Chemistry II	3
CHEM-112L	General Chemistry II Lab	1
	MATH-115 or MATH-120	
MATH-115	College Algebra	3
MATH-120	Trigonometry	3
MATH-270	Probability, Statistics	3
	PHYS-100 or PHYS-211	
PHYS-100	Introduction to Physics	3
PHYS-100L	Intro to Physics Lab	1
PHYS-211	General Physics I	3
PHYS-211L	General Physics I Lab	1
	Ethics elective	
BIOL-224	Ethics in Life Science Research	3
PHIL-330	Ethics	3
PHIL-430	Medical Ethics	3
STEM-460	Methods of Sec Math/Nat Sci Instruction	3

BIOL-111, BIOL-111L, CHEM-111, CHEM-111L, MATH-115 or MATH-120, PSYC-221, and Ethics elective (if choosing PHIL-330 or PHIL-430) count towards General Education requirements.

Secondary education requirements

Item #	Title	Credits
PSYC-221	Child and Adolescent Development	3
PSYC-370	Educational Psychology	3
SPED-320	Differentiated Instruction	3
EDUC-210	Instructional Technology & Learning Resources	2
EDUC-290	The Teaching Profession	3
EDUC-360	Secondary Instructional Methods and Strategies	3
EDUC-370	Measurement and Evaluation	2
EDUC-380	Literacy Across Secondary Curricula	2
EDUC-390	Learning About Learners	2
EDUC-480	Clinical Practice I	2
EDUC-497	Enhanced Clinical Practice II	9
EDUC-497F	Enhanced Clinical Practice II Seminar	3
	Total Credits	126

BS in Chemistry

Field of Study

General Education

I. LMU Specific Courses

Item #	Title	Credits
	2025 General Education - LMU Specific Courses	**4**
UACT-100	Strategies for College Success	1
LNCN-100	Lincoln's Life and Legacy	1
CIVX-300	American Civics	2

***LMU requires all first-time freshmen students with less than 15 credits of college credit to complete UACT 100.**

II. Communication

Item #	Title	Credits
	2025 General Education - Communications	**9**
ENGL-101	Composition I	3
ENGL-102	Composition II	3
COMM-200	Fundamentals of Speech Communication	3

Bachelor of Arts students are required to take 6 hours of a foreign language in addition to the above courses.

III. Ethics, Fine Arts, History, or Humanities

Item #	Title	Credits
	2025 General Education - Fine Arts, Humanities, and Ethics (for Baccalaureate Degrees)	**6**

Fine Arts, Humanities, and Ethics

Choose **two** of the following (must have different prefixes, e.g. ART and GEOG):

ART-100	Art Appreciation	3
ART-381	Survey of Art History I	3
ART-382	Surv Art Hist II	3
BUSN-250	Social & Ethical Environment of Business	3
ENGL-240	Literary Forms	3
ENGL-250	Literary History and Culture	3
ENGL-350	Narrative, Healing and the Body	3
GEOG-350	Geography of Religion	3
MCOM-410	Media Law and Ethics	3
MUSC-100	Music Appreciation	3
MUSC-468	Survey of World Music	3
PHIL-100	The Meaning of Life	3
PHIL-200	Introduction to Philosophy	3
PHIL-210	Logic and Critical Thinking	3
PHIL-330	Ethics	3
PHIL-430	Medical Ethics	3
REL-210	Surv Old Testament	3
REL-220	Surv New Testament	3
REL-310	Comparative Religions	3
REL-315	Comparative Christianity	3
THEA-100	Intro to Theatre	3
THEA-340	Survey of Dramatic Literature	3

IV. Behavioral/Social Sciences

Item #	Title	Credits
	2024 General Education - Behavioral/Social Sciences	**3**

Choose one of the following courses:

BUSN-380	Personal Finance	3
CRIM-105	Introduction to Criminal Justice	3
ECON-212	Principles of Microeconomics	3
ECON-213	Principles of Macroeconomics	3
GEOG-100	Introduction to Geography	3
GEOG-110	World Regional Geography	3
GEOG-211	Intro to Human Geography	3
GEOG-300	Environmental Geography	3
POLS-100	American Government: National	3
POLS-240	Intro to Political Ideas	3
POLS-250	Introduction to International Relations	3
PSYC-100	Introduction to Psychology	3
PSYC-221	Child and Adolescent Development	3
PSYC-222	Adult Development	3
SOCI-100	Introduction to Sociology	3

V. History

Item #	Title	Credits
	2025 General Education - History	**6**
HIST-121	World History to 1500	3
HIST-122	World Hist Since 1500	3
HIST-131	American History to 1877	3
HIST-132	American Hist Since 1877	3

VI. Mathematics

(*see* **Mathematics Placement**)

Item #	Title	Credits
MATH-150	Calculus I	4

VII. Natural Sciences/Physical Sciences

Chemistry students should take CHEM-111 and CHEM-111L to satisfy the physical science requirement part of this general education requirement.

Item #	Title	Credits
	2025 General Education - Natural/Physical Sciences - Bachelor of Science	**8**

A. Life Sciences

Choose from the following courses (also take the corresponding lab):

BIOL-100	Introduction to Biology	3
BIOL-100L	Introduction to Biology Lab	1
BIOL-111	General Biology I	3
BIOL-111L	General Biology I Lab	1
BIOL-112	General Biology II	3
BIOL-112L	General Biology II Lab	1
BIOL-230	Microbiology	3
BIOL-230L	Microbiology Lab	1
BIOL-261	Human Anatomy and Physiology I	3
BIOL-261L	Human Anatomy and Physiology I Lab	1
BIOL-262	Human Anatomy and Physiology II	3
BIOL-262L	Human Anatomy and Physiology II Lab	1
CBIO-230	Forests of Appalachia	4
ENVS-100	Introduction to Environmental Science	4

B. Physical Sciences

Choose from the following courses (also take the corresponding lab):

CHEM-100	Introduction to Chemistry	3
CHEM-100L	Introduction to Chemistry Lab	1
CHEM-111	General Chemistry I	3
CHEM-111L	General Chemistry I Lab	1
CHEM-112	General Chemistry II	3
CHEM-112L	General Chemistry II Lab	1
GEOG-120	Int Phy Geog: Planet Earth	3
GEOG-120L	Int Phy Geog: Planet Earth Lab	1
PHYS-100	Introduction to Physics	3
PHYS-100L	Intro to Physics Lab	1
PHYS-211	General Physics I	3
PHYS-211L	General Physics I Lab	1
PHYS-212	General Physics II	3
PHYS-212L	General Physics II Lab	1
PHYS-251	University Physics I	4
PHYS-251L	University Physics I Lab	1
PHYS-252	University Physics II	4
PHYS-252L	University Physics II Lab	1

***LMU requires all first-time freshmen students with less than 15 credits of college credit to complete UACT 100.**

Required Courses

Item #	Title	Credits
CHEM-221	Organic Chemistry I	3
CHEM-221L	Organic Chemistry I Lab	1
CHEM-222	Organic Chemistry II	3
CHEM-222L	Organic Chemistry II Lab	1
CHEM-310	Mathematical Methods in Chemistry	3
CHEM-331	Quantitative and Instrumental Analysis I	2
CHEM-331L	Quantitative and Instrumental Analysis I Lab	2
CHEM-332	Quantitative and Instrumental Analysis II	2
CHEM-332L	Quantitative and Instrumental Analysis II Lab	2
CHEM-397	Jr. Science Seminar	1
BIOL-441	Biochemistry I	4
CHEM-451	Physical Chemistry I	3
CHEM-451L	Physical Chemistry I Lab	1
CHEM-452	Physical Chemistry II	3
CHEM-452L	Physical Chemistry II Lab	1
CHEM-460	Inorganic Chemistry	3
CHEM-497	Senior Science Seminar	1

Collateral Requirements

Item #	Title	Credits
CHEM-111	General Chemistry I	3
CHEM-111L	General Chemistry I Lab	1
CHEM-112	General Chemistry II	3
CHEM-112L	General Chemistry II Lab	1
MATH-150	Calculus I	4
MATH-250	Calculus II	4
PHYS-211	General Physics I	3
PHYS-211L	General Physics I Lab	1
PHYS-212	General Physics II	3
PHYS-212L	General Physics II Lab	1

CHEM-111, CHEM-111L, and MATH-150 count towards the General Education requirement

Free Electives

Students will choose 34 hours of free elective courses. Upper level math and biology courses are strongly encouraged.

	Total Credits	122

BS in Chemistry Pre-Med Track

Field of Study

Bachelor of Science

General Education

I. LMU Specific Courses

Item #	Title	Credits
	2025 General Education - LMU Specific Courses	**4**
UACT-100	Strategies for College Success	1
LNCN-100	Lincoln's Life and Legacy	1
CIVX-300	American Civics	2

***LMU requires all first-time freshmen students with less than 15 credits of college credit to complete UACT 100.**

II. Communication

Item #	Title	Credits
	2025 General Education - Communications	**9**
ENGL-101	Composition I	3
ENGL-102	Composition II	3
COMM-200	Fundamentals of Speech Communication	3

Bachelor of Arts students are required to take 6 hours of a foreign language in addition to the above courses.

III. Ethics, Fine Arts, History, or Humanities

Item #	Title	Credits
	2025 General Education - Fine Arts, Humanities, and Ethics (for Baccalaureate Degrees)	**6**

Fine Arts, Humanities, and Ethics

Choose **two** of the following (must have different prefixes, e.g. ART and GEOG):

ART-100	Art Appreciation	3
ART-381	Survey of Art History I	3
ART-382	Surv Art Hist II	3
BUSN-250	Social & Ethical Environment of Business	3
ENGL-240	Literary Forms	3
ENGL-250	Literary History and Culture	3
ENGL-350	Narrative, Healing and the Body	3
GEOG-350	Geography of Religion	3
MCOM-410	Media Law and Ethics	3
MUSC-100	Music Appreciation	3
MUSC-468	Survey of World Music	3
PHIL-100	The Meaning of Life	3
PHIL-200	Introduction to Philosophy	3
PHIL-210	Logic and Critical Thinking	3
PHIL-330	Ethics	3
PHIL-430	Medical Ethics	3
REL-210	Surv Old Testament	3
REL-220	Surv New Testament	3
REL-310	Comparative Religions	3
REL-315	Comparative Christianity	3
THEA-100	Intro to Theatre	3
THEA-340	Survey of Dramatic Literature	3

IV. Behavioral/Social Sciences

Item #	Title	Credits
	2024 General Education - Behavioral/Social Sciences	**3**

Choose one of the following courses:

BUSN-380	Personal Finance	3
CRIM-105	Introduction to Criminal Justice	3
ECON-212	Principles of Microeconomics	3
ECON-213	Principles of Macroeconomics	3
GEOG-100	Introduction to Geography	3
GEOG-110	World Regional Geography	3
GEOG-211	Intro to Human Geography	3
GEOG-300	Environmental Geography	3
POLS-100	American Government: National	3
POLS-240	Intro to Political Ideas	3
POLS-250	Introduction to International Relations	3
PSYC-100	Introduction to Psychology	3
PSYC-221	Child and Adolescent Development	3
PSYC-222	Adult Development	3
SOCI-100	Introduction to Sociology	3

V. History

Item #	Title	Credits
	2025 General Education - History	**6**
HIST-121	World History to 1500	3
HIST-122	World Hist Since 1500	3
HIST-131	American History to 1877	3
HIST-132	American Hist Since 1877	3

VI. Mathematics

(*see* **Mathematics Placement**)

Item #	Title	Credits
MATH-150	Calculus I	4

VII. Natural Sciences/Physical Sciences

Item #	Title	Credits
BIOL-111	General Biology I	3
BIOL-111L	General Biology I Lab	1
CHEM-111	General Chemistry I	3
CHEM-111L	General Chemistry I Lab	1

***LMU requires all first-time freshmen students with less than 15 credits of college credit to complete UACT 100.**

Required Courses

Item #	Title	Credits
BIOL-310	Comparative Human and Vertebrate Anatomy	3
BIOL-310L	Comparative Human and Vertebrate Anatomy Lab	1
BIOL-365	General Physiology	3
BIOL-365L	General Physiology Lab	1
BIOL-315	Molecular Genetics	3
BIOL-315L	Molecular Genetics Lab	1
BIOL-336	General Microbiology	3
BIOL-336L	General Microbiology Lab	1
BIOL-441	Biochemistry I	4
CHEM-221	Organic Chemistry I	3
CHEM-221L	Organic Chemistry I Lab	1
CHEM-222	Organic Chemistry II	3
CHEM-222L	Organic Chemistry II Lab	1
CHEM-310	Mathematical Methods in Chemistry	3
CHEM-331	Quantitative and Instrumental Analysis I	2
CHEM-331L	Quantitative and Instrumental Analysis I Lab	2
CHEM-332	Quantitative and Instrumental Analysis II	2
CHEM-332L	Quantitative and Instrumental Analysis II Lab	2
CHEM-397	Jr. Science Seminar	1
CHEM-451	Physical Chemistry I	3
CHEM-451L	Physical Chemistry I Lab	1
CHEM-452	Physical Chemistry II	3
CHEM-452L	Physical Chemistry II Lab	1
CHEM-460	Inorganic Chemistry	3
CHEM-497	Senior Science Seminar	1

Collateral Requirements

Item #	Title	Credits
BIOL-111	General Biology I	3
BIOL-111L	General Biology I Lab	1
BIOL-112	General Biology II	3
BIOL-112L	General Biology II Lab	1
CHEM-111	General Chemistry I	3
CHEM-111L	General Chemistry I Lab	1
CHEM-112	General Chemistry II	3
CHEM-112L	General Chemistry II Lab	1
MATH-150	Calculus I	4
MATH-250	Calculus II	4
MATH-270	Probability, Statistics	3
PHYS-211	General Physics I	3
PHYS-211L	General Physics I Lab	1
PHYS-212	General Physics II	3
PHYS-212L	General Physics II Lab	1

CHEM-111, CHEM-111L, BIOL-111, BIOL-111L, and MATH-150 meet the General Education requirement

Free Electives

Students will choose 7 hours of elective courses.

	Total Credits	122

BS in Chemistry Secondary Teacher Licensure Track

Field of Study
Bachelor of Science

General Education

I. LMU Specific Courses

Item #	Title	Credits
	2025 General Education - LMU Specific Courses	**4**
UACT-100	Strategies for College Success	1
LNCN-100	Lincoln's Life and Legacy	1
CIVX-300	American Civics	2

***LMU requires all first-time freshmen students with less than 15 credits of college credit to complete UACT 100.**

II. Communication

Item #	Title	Credits
	2025 General Education - Communications	**9**
ENGL-101	Composition I	3
ENGL-102	Composition II	3
COMM-200	Fundamentals of Speech Communication	3

Bachelor of Arts students are required to take 6 hours of a foreign language in addition to the above courses.

III. Ethics, Fine Arts, History, or Humanities

Item #	Title	Credits
	2025 General Education - Fine Arts, Humanities, and Ethics (for Baccalaureate Degrees)	**6**

Fine Arts, Humanities, and Ethics

Choose **two** of the following (must have different prefixes, e.g. ART and GEOG):

ART-100	Art Appreciation	3
ART-381	Survey of Art History I	3
ART-382	Surv Art Hist II	3
BUSN-250	Social & Ethical Environment of Business	3
ENGL-240	Literary Forms	3
ENGL-250	Literary History and Culture	3
ENGL-350	Narrative, Healing and the Body	3
GEOG-350	Geography of Religion	3
MCOM-410	Media Law and Ethics	3
MUSC-100	Music Appreciation	3
MUSC-468	Survey of World Music	3
PHIL-100	The Meaning of Life	3
PHIL-200	Introduction to Philosophy	3
PHIL-210	Logic and Critical Thinking	3
PHIL-330	Ethics	3
PHIL-430	Medical Ethics	3
REL-210	Surv Old Testament	3
REL-220	Surv New Testament	3
REL-310	Comparative Religions	3
REL-315	Comparative Christianity	3
THEA-100	Intro to Theatre	3
THEA-340	Survey of Dramatic Literature	3

IV. Behavioral/Social Sciences

Item #	Title	Credits
PSYC-221	Child and Adolescent Development	3

V. History

Item #	Title	Credits
	2025 General Education - History	**6**
HIST-121	World History to 1500	3
HIST-122	World Hist Since 1500	3
HIST-131	American History to 1877	3
HIST-132	American Hist Since 1877	3

VI. Mathematics

(*see* **Mathematics Placement**)

Item #	Title	Credits
MATH-150	Calculus I	4

VII. Natural Sciences/Physical Sciences

Item #	Title	Credits
	2025 General Education - Natural/Physical Sciences - Bachelor of Science	**8**

A. Life Sciences

Choose from the following courses (also take the corresponding lab):

BIOL-100	Introduction to Biology	3
BIOL-100L	Introduction to Biology Lab	1
BIOL-111	General Biology I	3
BIOL-111L	General Biology I Lab	1
BIOL-112	General Biology II	3
BIOL-112L	General Biology II Lab	1
BIOL-230	Microbiology	3
BIOL-230L	Microbiology Lab	1
BIOL-261	Human Anatomy and Physiology I	3
BIOL-261L	Human Anatomy and Physiology I Lab	1
BIOL-262	Human Anatomy and Physiology II	3
BIOL-262L	Human Anatomy and Physiology II Lab	1
CBIO-230	Forests of Appalachia	4
ENVS-100	Introduction to Environmental Science	4

B. Physical Sciences

Choose from the following courses (also take the corresponding lab):

CHEM-100	Introduction to Chemistry	3
CHEM-100L	Introduction to Chemistry Lab	1
CHEM-111	General Chemistry I	3
CHEM-111L	General Chemistry I Lab	1
CHEM-112	General Chemistry II	3
CHEM-112L	General Chemistry II Lab	1
GEOG-120	Int Phy Geog: Planet Earth	3
GEOG-120L	Int Phy Geog: Planet Earth Lab	1
PHYS-100	Introduction to Physics	3
PHYS-100L	Intro to Physics Lab	1
PHYS-211	General Physics I	3
PHYS-211L	General Physics I Lab	1
PHYS-212	General Physics II	3
PHYS-212L	General Physics II Lab	1
PHYS-251	University Physics I	4
PHYS-251L	University Physics I Lab	1
PHYS-252	University Physics II	4
PHYS-252L	University Physics II Lab	1
CHEM-111	General Chemistry I	3
CHEM-111L	General Chemistry I Lab	1

***LMU requires all first-time freshmen students with less than 15 credits of college credit to complete UACT 100.**

Required Courses

Item #	Title	Credits
CHEM-112	General Chemistry II	3
CHEM-112L	General Chemistry II Lab	1
CHEM-221	Organic Chemistry I	3
CHEM-221L	Organic Chemistry I Lab	1
CHEM-222	Organic Chemistry II	3
CHEM-222L	Organic Chemistry II Lab	1
CHEM-310	Mathematical Methods in Chemistry	3
CHEM-331	Quantitative and Instrumental Analysis I	2
CHEM-331L	Quantitative and Instrumental Analysis I Lab	2
CHEM-332	Quantitative and Instrumental Analysis II	2
CHEM-332L	Quantitative and Instrumental Analysis II Lab	2
CHEM-397	Jr. Science Seminar	1
BIOL-441	Biochemistry I	4
CHEM-451	Physical Chemistry I	3
CHEM-451L	Physical Chemistry I Lab	1
CHEM-460	Inorganic Chemistry	3
CHEM-497	Senior Science Seminar	1

Students may choose to take CHEM 452 and CHEM 452L in place of CHEM 451 and CHEM 451L.

Collateral requirements

Item #	Title	Credits
BIOL-112	General Biology II	3
BIOL-112L	General Biology II Lab	1
CHEM-111	General Chemistry I	3
CHEM-111L	General Chemistry I Lab	1
MATH-150	Calculus I	4
MATH-250	Calculus II	4
PHYS-211	General Physics I	3
PHYS-211L	General Physics I Lab	1
PHYS-212	General Physics II	3
PHYS-212L	General Physics II Lab	1
STEM-460	Methods of Sec Math/Nat Sci Instruction	3

CHEM-111, CHEM-111L, MATH-150, and PSYC-221 count towards the General Education requirement.

Secondary Education requirements

Item #	Title	Credits
PSYC-221	Child and Adolescent Development	3
PSYC-370	Educational Psychology	3
SPED-320	Differentiated Instruction	3
EDUC-210	Instructional Technology & Learning Resources	2
EDUC-290	The Teaching Profession	3
EDUC-360	Secondary Instructional Methods and Strategies	3
EDUC-370	Measurement and Evaluation	2
EDUC-380	Literacy Across Secondary Curricula	2
EDUC-390	Learning About Learners	2
EDUC-480	Clinical Practice I	2
EDUC-497	Enhanced Clinical Practice II	9
EDUC-497F	Enhanced Clinical Practice II Seminar	3
	Total Credits	129

BS in Conservation Biology Research Track

Field of Study
Bachelor of Science

General Education

I. LMU Specific Courses

Item #	Title	Credits
	2025 General Education - LMU Specific Courses	**4**
UACT-100	Strategies for College Success	1
LNCN-100	Lincoln's Life and Legacy	1
CIVX-300	American Civics	2

***LMU requires all first-time freshmen students with less than 15 credits of college credit to complete UACT 100.**

II. Communication

Item #	Title	Credits
	2025 General Education - Communications	**9**
ENGL-101	Composition I	3
ENGL-102	Composition II	3
COMM-200	Fundamentals of Speech Communication	3

Bachelor of Arts students are required to take 6 hours of a foreign language in addition to the above courses.

III. Ethics, Fine Arts, History, or Humanities

Item #	Title	Credits
	2025 General Education - Fine Arts, Humanities, and Ethics (for Baccalaureate Degrees)	**6**

Fine Arts, Humanities, and Ethics

Choose **two** of the following (must have different prefixes, e.g. ART and GEOG):

ART-100	Art Appreciation	3
ART-381	Survey of Art History I	3
ART-382	Surv Art Hist II	3
BUSN-250	Social & Ethical Environment of Business	3
ENGL-240	Literary Forms	3
ENGL-250	Literary History and Culture	3
ENGL-350	Narrative, Healing and the Body	3
GEOG-350	Geography of Religion	3
MCOM-410	Media Law and Ethics	3
MUSC-100	Music Appreciation	3
MUSC-468	Survey of World Music	3
PHIL-100	The Meaning of Life	3
PHIL-200	Introduction to Philosophy	3
PHIL-210	Logic and Critical Thinking	3
PHIL-330	Ethics	3
PHIL-430	Medical Ethics	3
REL-210	Surv Old Testament	3
REL-220	Surv New Testament	3
REL-310	Comparative Religions	3
REL-315	Comparative Christianity	3
THEA-100	Intro to Theatre	3
THEA-340	Survey of Dramatic Literature	3

IV. Behavioral/Social Sciences

Item #	Title	Credits
	PSYC-100 or SOCI-100	
PSYC-100	Introduction to Psychology	3
SOCI-100	Introduction to Sociology	3

V. History

Item #	Title	Credits
	2025 General Education - History	**6**
HIST-121	World History to 1500	3
HIST-122	World Hist Since 1500	3
HIST-131	American History to 1877	3
HIST-132	American Hist Since 1877	3

VI. Mathematics

(*see* **Mathematics Placement**)

Item #	Title	Credits
MATH-150	Calculus I	4

VII. Natural Sciences/Physical Sciences

Item #	Title	Credits
BIOL-111	General Biology I	3
BIOL-111L	General Biology I Lab	1
CHEM-111	General Chemistry I	3
CHEM-111L	General Chemistry I Lab	1

***LMU requires all first-time freshmen students with less than 15 credits of college credit to complete UACT 100.**

Required Courses

Item #	Title	Credits
CBIO-194	Pre-Conservation Biology Seminar	1
BIOL-224	Ethics in Life Science Research	3
BIOL-290	Writing in the Life Sciences	1
BIOL-315	Molecular Genetics	3
BIOL-315L	Molecular Genetics Lab	1
BIOL-370	Ecology	3
BIOL-370L	Ecology Lab	1
BIOL-380	Research Design and Analysis	3
BIOL-397	Jr. Science Seminar	1
BIOL-410	Evolution	3
BIOL-497	Senior Science Seminar	1
CBIO-200	Conservation Biology	3
CBIO-400	Conservation Biology Application & Analysis	3
CBIO-421	Geog Info Systems I	3
CBIO-422	Geog Info Systems II	3

Vertebrate Biodiversity course

Select **two** lecture and corresponding lab courses

Item #	Title	Credits
CBIO-330	Ichthyology	3
CBIO-330L	Ichthyology Lab	1
CBIO-340	Herpetology	3
CBIO-340L	Herpetology Lab	1
CBIO-350	Ornithology	3
CBIO-350L	Ornithology Lab	1
CBIO-360	Mammalogy	3
CBIO-360L	Mammalogy Lab	1

Invertebrate Biodiversity course

Select **one** lecture and corresponding lab course

Item #	Title	Credits
BIOL-340	Invertebrate Zoology	3
BIOL-340L	Invertebrate Zoology Lab	1
BIOL-350	Entomology	4

Plant Biodiversity course

Select **one** lecture and corresponding lab course

Item #	Title	Credits
BIOL-320	Principles of Botany	3
BIOL-320L	Principles of Botany Lab	1
BIOL-330	Field Botany	3
BIOL-330L	Field Botany Lab	1

Research experience

Complete **two** semesters of research experience

Item #	Title	Credits
BIOL-483	Research in Biology	1-3

Upper-level electives

Complete **18 credit hours** from the following courses. *If the course has a corresponding laboratory course, the laboratory course MUST be taken*

Item #	Title	Credits
BIOL-310	Comparative Human and Vertebrate Anatomy	3
BIOL-310L	Comparative Human and Vertebrate Anatomy Lab	1
BIOL-336	General Microbiology	3
BIOL-336L	General Microbiology Lab	1
BIOL-360	Immunology	3
BIOL-365	General Physiology	3
BIOL-365L	General Physiology Lab	1
BIOL-441	Biochemistry I	4
BIOL-442	Biochemistry II	3
BIOL-442L	Biochemistry II Lab	1
BIOL-450	Molecular Cell Biology	3
CBIO-210	Wildlife Management	3
CBIO-220	Freshwater Fisheries Management	3
CBIO-220L	Freshwater Fisheries Mgmt Lab	1
CBIO-250	Soils	3
CBIO-250L	Soils Lab	1
CBIO-370	Land Use & Environmental Policy	3
CBIO-420	Wetland Ecosystems	3
CBIO-430	Terrestrial Ecosystems	3
CBIO-440	Freshwater Ecosystems	3
CHEM-221	Organic Chemistry I	3
CHEM-221L	Organic Chemistry I Lab	1
CHEM-222	Organic Chemistry II	3
CHEM-222L	Organic Chemistry II Lab	1
GEOG-300	Environmental Geography	3
GEOG-440	Geography of Appalachia	3
PHYS-211	General Physics I	3
PHYS-211L	General Physics I Lab	1
PHYS-212	General Physics II	3
PHYS-212L	General Physics II Lab	1
VHS-300	Vet Parasitology & Entomology	3
VHS-300L	Vet Parasit/Entomolgy Lab	1
VHS-310	Wildlife Diseases	3
VHS-330	One Health	3
PHYS-251	University Physics I	4
PHYS-251L	University Physics I Lab	1
PHYS-252	University Physics II	4
PHYS-252L	University Physics II Lab	1

Collateral Requirements

Item #	Title	Credits
BIOL-111	General Biology I	3
BIOL-111L	General Biology I Lab	1
BIOL-112	General Biology II	3
BIOL-112L	General Biology II Lab	1
CHEM-111	General Chemistry I	3
CHEM-111L	General Chemistry I Lab	1
CHEM-112	General Chemistry II	3
CHEM-112L	General Chemistry II Lab	1
MATH-150	Calculus I	4
MATH-270	Probability, Statistics	3
	ECON-212 or ECON-213	
Choose one		
ECON-212	Principles of Microeconomics	3
ECON-213	Principles of Macroeconomics	3
	PSYC-100 or SOCI-100	
PSYC-100	Introduction to Psychology	3
SOCI-100	Introduction to Sociology	3

BIOL-111, BIOL-111L, CHEM-111, CHEM-111L, MATH-150, and PSYC-100 or SOCI-100 meet General Education requirements.

	Total Credits	123

BS in Conservation Biology Wildlife & Fisheries Management Track

Field of Study
Bachelor of Science

General Education

I. LMU Specific Courses

Item #	Title	Credits
	2025 General Education - LMU Specific Courses	**4**
UACT-100	Strategies for College Success	1
LNCN-100	Lincoln's Life and Legacy	1
CIVX-300	American Civics	2

***LMU requires all first-time freshmen students with less than 15 credits of college credit to complete UACT 100.**

II. Communication

Item #	Title	Credits
	2025 General Education - Communications	**9**
ENGL-101	Composition I	3
ENGL-102	Composition II	3
COMM-200	Fundamentals of Speech Communication	3

Bachelor of Arts students are required to take 6 hours of a foreign language in addition to the above courses.

III. Ethics, Fine Arts, History, or Humanities

Item #	Title	Credits
	2025 General Education - Fine Arts, Humanities, and Ethics (for Baccalaureate Degrees)	**6**

Fine Arts, Humanities, and Ethics

Choose **two** of the following (must have different prefixes, e.g. ART and GEOG):

ART-100	Art Appreciation	3
ART-381	Survey of Art History I	3
ART-382	Surv Art Hist II	3
BUSN-250	Social & Ethical Environment of Business	3
ENGL-240	Literary Forms	3
ENGL-250	Literary History and Culture	3
ENGL-350	Narrative, Healing and the Body	3
GEOG-350	Geography of Religion	3
MCOM-410	Media Law and Ethics	3
MUSC-100	Music Appreciation	3
MUSC-468	Survey of World Music	3
PHIL-100	The Meaning of Life	3
PHIL-200	Introduction to Philosophy	3
PHIL-210	Logic and Critical Thinking	3
PHIL-330	Ethics	3
PHIL-430	Medical Ethics	3
REL-210	Surv Old Testament	3
REL-220	Surv New Testament	3
REL-310	Comparative Religions	3
REL-315	Comparative Christianity	3
THEA-100	Intro to Theatre	3
THEA-340	Survey of Dramatic Literature	3

IV. Behavioral/Social Sciences

Item #	Title	Credits
	PSYC-100 or SOCI-100	
PSYC-100	Introduction to Psychology	3
SOCI-100	Introduction to Sociology	3

V. History

Item #	Title	Credits
	2025 General Education - History	**6**
HIST-121	World History to 1500	3
HIST-122	World Hist Since 1500	3
HIST-131	American History to 1877	3
HIST-132	American Hist Since 1877	3

VI. Mathematics

(*see* **Mathematics Placement**)

Item #	Title	Credits
MATH-115	College Algebra	3

VII. Natural Sciences/Physical Sciences

Item #	Title	Credits
BIOL-111	General Biology I	3
BIOL-111L	General Biology I Lab	1
BIOL-112	General Biology II	3
BIOL-112L	General Biology II Lab	1

***LMU requires all first-time freshmen students with less than 15 credits of college credit to complete UACT 100.**

Required Courses

Item #	Title	Credits
CBIO-194	Pre-Conservation Biology Seminar	1
BIOL-224	Ethics in Life Science Research	3
BIOL-290	Writing in the Life Sciences	1
BIOL-315	Molecular Genetics	3
BIOL-315L	Molecular Genetics Lab	1
BIOL-320	Principles of Botany	3
BIOL-320L	Principles of Botany Lab	1
BIOL-330	Field Botany	3
BIOL-330L	Field Botany Lab	1
BIOL-370	Ecology	3
BIOL-370L	Ecology Lab	1
BIOL-380	Research Design and Analysis	3
BIOL-397	Jr. Science Seminar	1
BIOL-497	Senior Science Seminar	1
CBIO-200	Conservation Biology	3
CBIO-210	Wildlife Management	3
CBIO-250	Soils	3
CBIO-250L	Soils Lab	1
CBIO-370	Land Use & Environmental Policy	3
CBIO-400	Conservation Biology Application & Analysis	3
CBIO-421	Geog Info Systems I	3
CBIO-422	Geog Info Systems II	3

Vertebrate Biodiversity courses

Select **three** lecture and corresponding lab courses

Item #	Title	Credits
CBIO-330	Ichthyology	3
CBIO-330L	Ichthyology Lab	1
CBIO-340	Herpetology	3
CBIO-340L	Herpetology Lab	1
CBIO-350	Ornithology	3
CBIO-350L	Ornithology Lab	1
CBIO-360	Mammalogy	3
CBIO-360L	Mammalogy Lab	1

Invertebrate Biodiversity course

Select **one** lecture and corresponding lab course

Item #	Title	Credits
BIOL-340	Invertebrate Zoology	3
BIOL-340L	Invertebrate Zoology Lab	1
BIOL-350	Entomology	4

Ecosystems courses

Select **two** courses

Item #	Title	Credits
CBIO-420	Wetland Ecosystems	3
CBIO-430	Terrestrial Ecosystems	3
CBIO-440	Freshwater Ecosystems	3

Collateral Requirements

Item #	Title	Credits
BIOL-111	General Biology I	3
BIOL-111L	General Biology I Lab	1
BIOL-112	General Biology II	3
BIOL-112L	General Biology II Lab	1
CHEM-111	General Chemistry I	3
CHEM-111L	General Chemistry I Lab	1
	CHEM-112 or PHYS-100	
CHEM-112	General Chemistry II	3
CHEM-112L	General Chemistry II Lab	1
PHYS-100	Introduction to Physics	3
PHYS-100L	Intro to Physics Lab	1
MATH-115	College Algebra	3
MATH-270	Probability, Statistics	3
	ECON-212 or ECON-213	
Choose one		
ECON-212	Principles of Microeconomics	3
ECON-213	Principles of Macroeconomics	3
	PSYC-100 or SOCI-100	
PSYC-100	Introduction to Psychology	3
SOCI-100	Introduction to Sociology	3

BIOL-111, BIOL-111L, CHEM-111, CHEM-111L, MATH-115, and PSYC-100 or SOCI-100 meet General Education requirements

Note: Students wishing to meet The Wildlife Society educational requirements for certification as an Associate Wildlife Biologist or The American Fisheries Society requirements for certification as an Associate Fisheries Professional should consult closely with their advisors.

	Total Credits	123

Biology Minor

Field of Study
Minor

Required

Item #	Title	Credits
BIOL-111	General Biology I	3
BIOL-111L	General Biology I Lab	1
BIOL-112	General Biology II	3
BIOL-112L	General Biology II Lab	1

BIOL315 or BIOL 370

Choose one

Item #	Title	Credits
	BIOL 315 or 370	**4**
Corresponding lab must be taken with the course		
BIOL-315	Molecular Genetics	3
BIOL-315L	Molecular Genetics Lab	1
BIOL-370	Ecology	3
BIOL-370L	Ecology Lab	1

Upper-level elective

Complete at least 6 credit hours of any 300- or 400-level BIOL or CBIO. Note that BIOL-315 and BIOL-370 cannot double count. If the course has a corresponding laboratory course, the laboratory course MUST be taken.

Item #	Title	Credits
	Upper-level BIOL or CBIO	

BIOL-310	Comparative Human and Vertebrate Anatomy	3
BIOL-310L	Comparative Human and Vertebrate Anatomy Lab	1
BIOL-315	Molecular Genetics	3
BIOL-315L	Molecular Genetics Lab	1
BIOL-320	Principles of Botany	3
BIOL-320L	Principles of Botany Lab	1
BIOL-330	Field Botany	3
BIOL-330L	Field Botany Lab	1
BIOL-334	General Histology	3
BIOL-336	General Microbiology	3
BIOL-336L	General Microbiology Lab	1
BIOL-340	Invertebrate Zoology	3
BIOL-340L	Invertebrate Zoology Lab	1
BIOL-350	Entomology	4
BIOL-360	Immunology	3
BIOL-365	General Physiology	3
BIOL-365L	General Physiology Lab	1
BIOL-370	Ecology	3
BIOL-370L	Ecology Lab	1
BIOL-380	Research Design and Analysis	3
BIOL-395	Special Topic	3
BIOL-410	Evolution	3
BIOL-411	Advanced Human Anatomy	4
BIOL-430	Topics in Microbiology	3
BIOL-441	Biochemistry I	4
BIOL-442	Biochemistry II	3
BIOL-442L	Biochemistry II Lab	1
BIOL-450	Molecular Cell Biology	3
BIOL-460	Developmental Biology	2
BIOL-495	Spec Topic Biology	1-3
CBIO-330	Ichthyology	3
CBIO-330L	Ichthyology Lab	1
CBIO-340	Herpetology	3
CBIO-340L	Herpetology Lab	1
CBIO-350	Ornithology	3
CBIO-350L	Ornithology Lab	1
CBIO-360	Mammalogy	3
CBIO-360L	Mammalogy Lab	1
CBIO-370	Land Use & Environmental Policy	3
CBIO-400	Conservation Biology Application & Analysis	3
CBIO-420	Wetland Ecosystems	3
CBIO-421	Geog Info Systems I	3
CBIO-422	Geog Info Systems II	3
CBIO-430	Terrestrial Ecosystems	3
CBIO-440	Freshwater Ecosystems	3
CBIO-495	Special Topic in Conservation Biology	1-3
	Total Credits	18-20

Chemistry Minor

Field of Study

Minor

Item #	Title	Credits
CHEM-111	General Chemistry I	3
CHEM-111L	General Chemistry I Lab	1
CHEM-112	General Chemistry II	3
CHEM-112L	General Chemistry II Lab	1
	CHEM 221, 222 or CHEM 451, 452	**8**
CHEM-221	Organic Chemistry I	3
CHEM-221L	Organic Chemistry I Lab	1
CHEM-222	Organic Chemistry II	3
CHEM-222L	Organic Chemistry II Lab	1
CHEM-451	Physical Chemistry I	3
CHEM-451L	Physical Chemistry I Lab	1
CHEM-452	Physical Chemistry II	3
CHEM-452L	Physical Chemistry II Lab	1
	CHEM 331/L or BIOL 441	**4**
CHEM-331	Quantitative and Instrumental Analysis I	2
CHEM-331L	Quantitative and Instrumental Analysis I Lab	2
BIOL-441	Biochemistry I	4
	Total Credits	20

Conservation Biology Minor

Field of Study

Minor

Item #	Title	Credits
CBIO-200	Conservation Biology	3
CBIO-400	Conservation Biology Application & Analysis	3

BIOL-370 or CBIO-210

Choose one. If the course has a corresponding laboratory course, the laboratory course MUST be taken

Item #	Title	Credits
	BIOL 370 or CBIO 210	
BIOL-370	Ecology	3
BIOL-370L	Ecology Lab	1
CBIO-210	Wildlife Management	3

Upper-level elective

Complete at least 6 credits of the following courses. If the course has a corresponding laboratory course, the laboratory course MUST be taken

Item #	Title	Credits
	CBIO minor electives	
BIOL-320	Principles of Botany	3
BIOL-320L	Principles of Botany Lab	1
BIOL-330	Field Botany	3
BIOL-330L	Field Botany Lab	1
BIOL-340	Invertebrate Zoology	3
BIOL-340L	Invertebrate Zoology Lab	1
BIOL-350	Entomology	4
CBIO-330	Ichthyology	3
CBIO-330L	Ichthyology Lab	1
CBIO-340	Herpetology	3
CBIO-340L	Herpetology Lab	1
CBIO-350	Ornithology	3
CBIO-350L	Ornithology Lab	1
CBIO-360	Mammalogy	3
CBIO-360L	Mammalogy Lab	1
CBIO-420	Wetland Ecosystems	3
CBIO-430	Terrestrial Ecosystems	3
CBIO-440	Freshwater Ecosystems	3
	Total Credits	15-18

Department of Sport and Exercise Science

Mission Statement

The Department of Sport and Exercise Science is a values- based professional studies learning program. The program strives to fulfill the principles of Abraham Lincoln's life by service to humanity and the community, the promotion of public health and the advancement of coaching education, exercise science, and sports therapy. The commitment of the faculty is based on the belief that graduates must be able to communicate clearly and effectively. The Department of Sport and Exercise Science will challenge and prepare each student for the future professions in coaching, exercise physiology, and sports therapy. Lastly, through diverse educational and research experiences, it is our mission to provide students with the knowledge, skills, and values that a graduate of LMU must possess.

Students are required to earn a grade of "C" or better in all courses applied to the major core classes in the program.

BS in Exercise Science, General Track

Field of Study

Bachelor of Science

General Education

I. LMU Specific Courses

Item #	Title	Credits
	2025 General Education - LMU Specific Courses	**4**
UACT-100	Strategies for College Success	1
LNCN-100	Lincoln's Life and Legacy	1
CIVX-300	American Civics	2

***LMU requires all first-time freshmen students with less than 15 credits of college credit to complete UACT 100.**

II. Communication

Item #	Title	Credits
	2025 General Education - Communications	**9**
ENGL-101	Composition I	3
ENGL-102	Composition II	3
COMM-200	Fundamentals of Speech Communication	3

Bachelor of Arts students are required to take 6 hours of a foreign language in addition to the above courses.

III. Ethics, Fine Arts, or Humanities

Item #	Title	Credits
	2025 General Education - Fine Arts, Humanities, and Ethics (for Baccalaureate Degrees)	**6**

Fine Arts, Humanities, and Ethics

Choose **two** of the following (must have different prefixes, e.g. ART and GEOG):

ART-100	Art Appreciation	3
ART-381	Survey of Art History I	3
ART-382	Surv Art Hist II	3
BUSN-250	Social & Ethical Environment of Business	3
ENGL-240	Literary Forms	3
ENGL-250	Literary History and Culture	3
ENGL-350	Narrative, Healing and the Body	3
GEOG-350	Geography of Religion	3
MCOM-410	Media Law and Ethics	3
MUSC-100	Music Appreciation	3
MUSC-468	Survey of World Music	3
PHIL-100	The Meaning of Life	3
PHIL-200	Introduction to Philosophy	3
PHIL-210	Logic and Critical Thinking	3
PHIL-330	Ethics	3
PHIL-430	Medical Ethics	3
REL-210	Surv Old Testament	3
REL-220	Surv New Testament	3
REL-310	Comparative Religions	3
REL-315	Comparative Christianity	3
THEA-100	Intro to Theatre	3
THEA-340	Survey of Dramatic Literature	3

IV. Behavioral/Social Sciences

Item #	Title	Credits
	2024 General Education - Behavioral/Social Sciences	**3**

Choose one of the following courses:

BUSN-380	Personal Finance	3
CRIM-105	Introduction to Criminal Justice	3
ECON-212	Principles of Microeconomics	3
ECON-213	Principles of Macroeconomics	3
GEOG-100	Introduction to Geography	3
GEOG-110	World Regional Geography	3
GEOG-211	Intro to Human Geography	3
GEOG-300	Environmental Geography	3
POLS-100	American Government: National	3
POLS-240	Intro to Political Ideas	3
POLS-250	Introduction to International Relations	3
PSYC-100	Introduction to Psychology	3
PSYC-221	Child and Adolescent Development	3
PSYC-222	Adult Development	3
SOCI-100	Introduction to Sociology	3

V. History

Item #	Title	Credits
	2025 General Education - History	**6**
HIST-121	World History to 1500	3
HIST-122	World Hist Since 1500	3
HIST-131	American History to 1877	3
HIST-132	American Hist Since 1877	3

VI. Mathematics

(*see* **Mathematics Placement**)

Item #	Title	Credits
	2025 General Education - Mathematics	**3**

Choose **one** course from the following:

MATH-110	Reasoning and Problem Solving	3
MATH-115	College Algebra	3
MATH-120	Trigonometry	3
MATH-150	Calculus I	4

VII. Natural Sciences/Physical Sciences

Item #	Title	Credits
	2025 General Education - Natural/Physical Sciences - Bachelor of Science	**8**

A. Life Sciences

Choose from the following courses (also take the corresponding lab):

BIOL-100	Introduction to Biology	3
BIOL-100L	Introduction to Biology Lab	1
BIOL-111	General Biology I	3
BIOL-111L	General Biology I Lab	1
BIOL-112	General Biology II	3
BIOL-112L	General Biology II Lab	1
BIOL-230	Microbiology	3
BIOL-230L	Microbiology Lab	1
BIOL-261	Human Anatomy and Physiology I	3
BIOL-261L	Human Anatomy and Physiology I Lab	1
BIOL-262	Human Anatomy and Physiology II	3
BIOL-262L	Human Anatomy and Physiology II Lab	1
CBIO-230	Forests of Appalachia	4
ENVS-100	Introduction to Environmental Science	4

B. Physical Sciences

Choose from the following courses (also take the corresponding lab):

CHEM-100	Introduction to Chemistry	3
CHEM-100L	Introduction to Chemistry Lab	1
CHEM-111	General Chemistry I	3
CHEM-111L	General Chemistry I Lab	1
CHEM-112	General Chemistry II	3
CHEM-112L	General Chemistry II Lab	1
GEOG-120	Int Phy Geog: Planet Earth	3
GEOG-120L	Int Phy Geog: Planet Earth Lab	1
PHYS-100	Introduction to Physics	3
PHYS-100L	Intro to Physics Lab	1
PHYS-211	General Physics I	3
PHYS-211L	General Physics I Lab	1
PHYS-212	General Physics II	3
PHYS-212L	General Physics II Lab	1
PHYS-251	University Physics I	4
PHYS-251L	University Physics I Lab	1
PHYS-252	University Physics II	4
PHYS-252L	University Physics II Lab	1

***LMU requires all first-time freshmen students with less than 15 credits of college credit to complete UACT 100.**

Exercise Science Core Courses

***If a course has a corequisite laboratory course the laboratory course MUST be taken*

Students are required to earn a grade of "C" or better in the Exercise Science Core Courses.

Item #	Title	Credits
HLTH-120	Safety, First Aid, CPR	2
HLTH-210	Nutrition	3
HLTH-360	Drug Awareness	3
HLTH-425	Sport and Exercise Nutrition	3
PEXS-200	Introduction to Sport and Exercise Science	2
PEXS-265	Injury Prevention & Emergency Management	3
PEXS-275	Technology for Sport & Exercise Science	2
PEXS-300	Exercise Physiology	3
PEXS-310	Measurement & Evaluation for Sport & Exercise Science	3
PEXS-344	Human Learning & Psychomotor Development	3
PEXS-350	Sport and Exercise Psychology	3
PEXS-372	Kinesiology & Biomechanics	3
PEXS-400	Exercise Physiology II	3
PEXS-430	Organization and Administration	3
PEXS-435	Exercise Prescription	3
PEXS-485	Research Methods	3
PEXS-493A	Practicum in Exercise Science	3

Required Collateral Classes

The following collateral courses are required for completion of the General Exercise Science degree.
***If a course has a corequisite laboratory course the laboratory course MUST be taken*

Item #	Title	Credits
BIOL-261	Human Anatomy and Physiology I	3
BIOL-261L	Human Anatomy and Physiology I Lab	1
BIOL-262	Human Anatomy and Physiology II	3
BIOL-262L	Human Anatomy and Physiology II Lab	1
CHEM-100	Introduction to Chemistry	3
CHEM-100L	Introduction to Chemistry Lab	1
PHYS-100	Introduction to Physics	3
PHYS-100L	Intro to Physics Lab	1
PSYC-100	Introduction to Psychology	3
PSYC-221	Child and Adolescent Development	3

Additional elective classes must be taken to reach 122 hours required for the major.

	Total Credits	122

BS in Exercise Science, Pre-OTD Track

Field of Study
Bachelor of Science

The following courses will fulfill the Exercise Science degree for students seeking a route to the LMU Occupational Therapy Doctorate (OTD) program.

General Education

I. LMU Specific Courses

Item #	Title	Credits
UACT-100	Strategies for College Success	1
LNCN-100	Lincoln's Life and Legacy	1
CIVX-300	American Civics	2

II. Communication

Item #	Title	Credits
	2025 General Education - Communications	**9**
ENGL-101	Composition I	3
ENGL-102	Composition II	3
COMM-200	Fundamentals of Speech Communication	3

Bachelor of Arts students are required to take 6 hours of a foreign language in addition to the above courses.

III. Ethics, Fine Arts, or Humanities

Item #	Title	Credits
	2025 General Education - Fine Arts, Humanities, and Ethics (for Baccalaureate Degrees)	**6**

Fine Arts, Humanities, and Ethics

Choose **two** of the following (must have different prefixes, e.g. ART and GEOG):

ART-100	Art Appreciation	3
ART-381	Survey of Art History I	3
ART-382	Surv Art Hist II	3
BUSN-250	Social & Ethical Environment of Business	3
ENGL-240	Literary Forms	3
ENGL-250	Literary History and Culture	3
ENGL-350	Narrative, Healing and the Body	3
GEOG-350	Geography of Religion	3
MCOM-410	Media Law and Ethics	3
MUSC-100	Music Appreciation	3
MUSC-468	Survey of World Music	3
PHIL-100	The Meaning of Life	3
PHIL-200	Introduction to Philosophy	3
PHIL-210	Logic and Critical Thinking	3
PHIL-330	Ethics	3
PHIL-430	Medical Ethics	3
REL-210	Surv Old Testament	3
REL-220	Surv New Testament	3
REL-310	Comparative Religions	3
REL-315	Comparative Christianity	3
THEA-100	Intro to Theatre	3
THEA-340	Survey of Dramatic Literature	3

IV. Behavioral/Social Sciences

Item #	Title	Credits
	2024 General Education - Behavioral/Social Sciences	**3**

Choose one of the following courses:

BUSN-380	Personal Finance	3
CRIM-105	Introduction to Criminal Justice	3
ECON-212	Principles of Microeconomics	3
ECON-213	Principles of Macroeconomics	3
GEOG-100	Introduction to Geography	3
GEOG-110	World Regional Geography	3
GEOG-211	Intro to Human Geography	3
GEOG-300	Environmental Geography	3
POLS-100	American Government: National	3
POLS-240	Intro to Political Ideas	3
POLS-250	Introduction to International Relations	3
PSYC-100	Introduction to Psychology	3
PSYC-221	Child and Adolescent Development	3
PSYC-222	Adult Development	3
SOCI-100	Introduction to Sociology	3

V. History

Item #	Title	Credits
	2025 General Education - History	**6**
HIST-121	World History to 1500	3
HIST-122	World Hist Since 1500	3
HIST-131	American History to 1877	3
HIST-132	American Hist Since 1877	3

VI. Mathematics

(*see* **Mathematics Placement**)

Item #	Title	Credits
	2025 General Education - Mathematics	**3**

Choose **one** course from the following:

MATH-110	Reasoning and Problem Solving	3
MATH-115	College Algebra	3
MATH-120	Trigonometry	3
MATH-150	Calculus I	4

VII. Natural Sciences/Physical Sciences

Item #	Title	Credits
	2025 General Education - Natural/Physical Sciences - Bachelor of Science	**8**

A. Life Sciences

Choose from the following courses (also take the corresponding lab):

BIOL-100	Introduction to Biology	3
BIOL-100L	Introduction to Biology Lab	1
BIOL-111	General Biology I	3
BIOL-111L	General Biology I Lab	1
BIOL-112	General Biology II	3
BIOL-112L	General Biology II Lab	1
BIOL-230	Microbiology	3
BIOL-230L	Microbiology Lab	1
BIOL-261	Human Anatomy and Physiology I	3
BIOL-261L	Human Anatomy and Physiology I Lab	1
BIOL-262	Human Anatomy and Physiology II	3
BIOL-262L	Human Anatomy and Physiology II Lab	1
CBIO-230	Forests of Appalachia	4
ENVS-100	Introduction to Environmental Science	4

B. Physical Sciences

Choose from the following courses (also take the corresponding lab):

CHEM-100	Introduction to Chemistry	3
CHEM-100L	Introduction to Chemistry Lab	1
CHEM-111	General Chemistry I	3
CHEM-111L	General Chemistry I Lab	1
CHEM-112	General Chemistry II	3
CHEM-112L	General Chemistry II Lab	1
GEOG-120	Int Phy Geog: Planet Earth	3
GEOG-120L	Int Phy Geog: Planet Earth Lab	1
PHYS-100	Introduction to Physics	3
PHYS-100L	Intro to Physics Lab	1
PHYS-211	General Physics I	3
PHYS-211L	General Physics I Lab	1
PHYS-212	General Physics II	3
PHYS-212L	General Physics II Lab	1
PHYS-251	University Physics I	4
PHYS-251L	University Physics I Lab	1
PHYS-252	University Physics II	4
PHYS-252L	University Physics II Lab	1

***LMU requires all first-time freshmen students with less than 15 credits of college credit to complete UACT 100.**

General Exercise Science - OTD Core Courses

***If a course has a corequisite laboratory course the laboratory course MUST be taken*

Students are required to earn a grade of "C" or better in the OTD Core Courses.

Item #	Title	Credits
PRS-185	Freshman Seminar in Rehabilitation Sciences	1
PRS-285	Sophomore Seminar in Rehabilitation Sciences	1
HLTH-120	Safety, First Aid, CPR	2
PEXS-265	Injury Prevention & Emergency Management	3
PEXS-300	Exercise Physiology	3
PEXS-310	Measurement & Evaluation for Sport & Exercise Science	3
PEXS-372	Kinesiology & Biomechanics	3
PEXS-344	Human Learning & Psychomotor Development	3
PEXS-350	Sport and Exercise Psychology	3
PEXS-434	Foundations & Administration of Healthcare Programs	3
PEXS-435	Exercise Prescription	3
PEXS-474	Injury Evaluation of Upper & Lower Extremities	3
PEXS-476	Evidence Based Practice & Research Methods	3
PEXS-485	Research Methods	3
PEXS-487	Therapeutic Modalities in Healthcare	3
PEXS-488	Rehabilitation & Therapeutic Exercise	3
PEXS-493A	Practicum in Exercise Science	3
PEXS-494	General Medical Considerations in Sports Therapy	3
PEXS-497	Senior Seminar in Exercise & Rehabilitation Sciences	3

Required Collateral Classes

The following collateral courses are required for completion General Exercise Science OTD option.

Item #	Title	Credits
AHSC-300	Medical Terminology	3
BIOL-261	Human Anatomy and Physiology I	3
BIOL-261L	Human Anatomy and Physiology I Lab	1
BIOL-262	Human Anatomy and Physiology II	3
BIOL-262L	Human Anatomy and Physiology II Lab	1
CHEM-100	Introduction to Chemistry	3
CHEM-100L	Introduction to Chemistry Lab	1
MATH-270	Probability, Statistics	3
PHIL-200	Introduction to Philosophy	3
PHYS-100	Introduction to Physics	3
PHYS-100L	Intro to Physics Lab	1
PSYC-100	Introduction to Psychology	3
PSYC-221	Child and Adolescent Development	3
PSYC-222	Adult Development	3
PSYC-255	Introduction to Social Psychology	3
PSYC-340	Abnormal Psychology	3

Additional elective classes must be taken to reach 122 hours required for the major.

	Total Credits	122

BS in Exercise and Rehabilitation Science

Field of Study
Bachelor of Science

General Education

I. LMU Specific Courses

Item #	Title	Credits
	2025 General Education - LMU Specific Courses	**4**
UACT-100	Strategies for College Success	1
LNCN-100	Lincoln's Life and Legacy	1
CIVX-300	American Civics	2

***LMU requires all first-time freshmen students with less than 15 credits of college credit to complete UACT 100.**

II. Communication

Item #	Title	Credits
	2025 General Education - Communications	**9**
ENGL-101	Composition I	3
ENGL-102	Composition II	3
COMM-200	Fundamentals of Speech Communication	3

Bachelor of Arts students are required to take 6 hours of a foreign language in addition to the above courses.

III. Ethics, Fine Arts, or Humanities

Item #	Title	Credits
	2025 General Education - Fine Arts, Humanities, and Ethics (for Baccalaureate Degrees)	**6**

Fine Arts, Humanities, and Ethics

Choose **two** of the following (must have different prefixes, e.g. ART and GEOG):

ART-100	Art Appreciation	3
ART-381	Survey of Art History I	3
ART-382	Surv Art Hist II	3
BUSN-250	Social & Ethical Environment of Business	3
ENGL-240	Literary Forms	3
ENGL-250	Literary History and Culture	3
ENGL-350	Narrative, Healing and the Body	3
GEOG-350	Geography of Religion	3
MCOM-410	Media Law and Ethics	3
MUSC-100	Music Appreciation	3
MUSC-468	Survey of World Music	3
PHIL-100	The Meaning of Life	3
PHIL-200	Introduction to Philosophy	3
PHIL-210	Logic and Critical Thinking	3
PHIL-330	Ethics	3
PHIL-430	Medical Ethics	3
REL-210	Surv Old Testament	3
REL-220	Surv New Testament	3
REL-310	Comparative Religions	3
REL-315	Comparative Christianity	3
THEA-100	Intro to Theatre	3
THEA-340	Survey of Dramatic Literature	3

IV. Behavioral/Social Sciences

Item #	Title	Credits
	2024 General Education - Behavioral/Social Sciences	**3**

Choose one of the following courses:

BUSN-380	Personal Finance	3
CRIM-105	Introduction to Criminal Justice	3
ECON-212	Principles of Microeconomics	3
ECON-213	Principles of Macroeconomics	3
GEOG-100	Introduction to Geography	3
GEOG-110	World Regional Geography	3
GEOG-211	Intro to Human Geography	3
GEOG-300	Environmental Geography	3
POLS-100	American Government: National	3
POLS-240	Intro to Political Ideas	3
POLS-250	Introduction to International Relations	3
PSYC-100	Introduction to Psychology	3
PSYC-221	Child and Adolescent Development	3
PSYC-222	Adult Development	3
SOCI-100	Introduction to Sociology	3

V. History

Item #	Title	Credits
	2025 General Education - History	**6**
HIST-121	World History to 1500	3
HIST-122	World Hist Since 1500	3
HIST-131	American History to 1877	3
HIST-132	American Hist Since 1877	3

VI. Mathematics

(*see* **Mathematics Placement**)

Item #	Title	Credits
	2025 General Education - Mathematics	**3**

Choose **one** course from the following:

MATH-110	Reasoning and Problem Solving	3
MATH-115	College Algebra	3
MATH-120	Trigonometry	3
MATH-150	Calculus I	4

VII. Natural Sciences/Physical Sciences

Item #	Title	Credits
	2025 General Education - Natural/Physical Sciences - Bachelor of Science	**8**

A. Life Sciences

Choose from the following courses (also take the corresponding lab):

BIOL-100	Introduction to Biology	3
BIOL-100L	Introduction to Biology Lab	1
BIOL-111	General Biology I	3
BIOL-111L	General Biology I Lab	1
BIOL-112	General Biology II	3
BIOL-112L	General Biology II Lab	1
BIOL-230	Microbiology	3
BIOL-230L	Microbiology Lab	1
BIOL-261	Human Anatomy and Physiology I	3
BIOL-261L	Human Anatomy and Physiology I Lab	1
BIOL-262	Human Anatomy and Physiology II	3
BIOL-262L	Human Anatomy and Physiology II Lab	1
CBIO-230	Forests of Appalachia	4
ENVS-100	Introduction to Environmental Science	4

B. Physical Sciences

Choose from the following courses (also take the corresponding lab):

CHEM-100	Introduction to Chemistry	3
CHEM-100L	Introduction to Chemistry Lab	1
CHEM-111	General Chemistry I	3
CHEM-111L	General Chemistry I Lab	1
CHEM-112	General Chemistry II	3
CHEM-112L	General Chemistry II Lab	1
GEOG-120	Int Phy Geog: Planet Earth	3
GEOG-120L	Int Phy Geog: Planet Earth Lab	1
PHYS-100	Introduction to Physics	3
PHYS-100L	Intro to Physics Lab	1
PHYS-211	General Physics I	3
PHYS-211L	General Physics I Lab	1
PHYS-212	General Physics II	3
PHYS-212L	General Physics II Lab	1
PHYS-251	University Physics I	4
PHYS-251L	University Physics I Lab	1
PHYS-252	University Physics II	4
PHYS-252L	University Physics II Lab	1

***LMU requires all first-time freshmen students with less than 15 credits of college credit to complete UACT 100.**

ERS Core Courses

***If a course has a corequisite laboratory course the laboratory course MUST be taken*

Students are required to earn a grade of "C" or better in the ERS Core Courses.

Item #	Title	Credits
HLTH-120	Safety, First Aid, CPR	2
PEXS-265	Injury Prevention & Emergency Management	3
PEXS-300	Exercise Physiology	3
PEXS-303	Application of Exercise Physiology I	1
PEXS-310	Measurement & Evaluation for Sport & Exercise Science	3
PEXS-372	Kinesiology & Biomechanics	3
PEXS-434	Foundations & Administration of Healthcare Programs	3
PEXS-435	Exercise Prescription	3
PEXS-444	Advanced Sports Emergency Care	3
PEXS-474	Injury Evaluation of Upper & Lower Extremities	3
PEXS-476	Evidence Based Practice & Research Methods	3
PEXS-487	Therapeutic Modalities in Healthcare	3
PEXS-488	Rehabilitation & Therapeutic Exercise	3
PEXS-493A	Practicum in Exercise Science	3
PEXS-494	General Medical Considerations in Sports Therapy	3
PEXS-497	Senior Seminar in Exercise & Rehabilitation Sciences	3

Required Collateral Classes

The following collateral math, science, and humanities courses are required for completion of the Exercise and Rehabilitation Science pre-professional BS degree.

Item #	Title	Credits
AHSC-300	Medical Terminology	3
BIOL-111	General Biology I	3
BIOL-111L	General Biology I Lab	1
BIOL-112	General Biology II	3
BIOL-112L	General Biology II Lab	1
BIOL-261	Human Anatomy and Physiology I	3
BIOL-261L	Human Anatomy and Physiology I Lab	1
BIOL-262	Human Anatomy and Physiology II	3
BIOL-262L	Human Anatomy and Physiology II Lab	1
CHEM-111	General Chemistry I	3
CHEM-111L	General Chemistry I Lab	1
CHEM-112	General Chemistry II	3
CHEM-112L	General Chemistry II Lab	1
PHYS-211	General Physics I	3
PHYS-211L	General Physics I Lab	1
PHYS-212	General Physics II	3
PHYS-212L	General Physics II Lab	1
MATH-270	Probability, Statistics	3
PSYC-100	Introduction to Psychology	3
PSYC-221	Child and Adolescent Development	3

Pre-Rehabilitation Science courses

The following courses are required for satisfaction of the Exercise and Rehabilitation Science BS degree curriculum requirements.

Item #	Title	Credits
PRS-185	Freshman Seminar in Rehabilitation Sciences	1
PRS-285	Sophomore Seminar in Rehabilitation Sciences	1

The Exercise and Rehabilitation Science BS is designed to prepare graduates to apply to most professional programs in rehabilitation sciences, including, but not limited to, Physical Therapy, Occupational Therapy, and Athletic Training. The courses in the degree program represent common entrance requirements, but students must verify pre-requisites at all selected professional programs.

Additional elective classes must be taken to reach 122 hours required for the major.

	Total Credits	122

Health Concentration

Field of Study

Concentration

Item #	Title	Credits
HLTH-230	Family Living	3
HLTH-320	Public Health	3
HLTH-330	Consumer and Environmental Health	3
HLTH-340	School Health Programs and Services	3
HLTH-360	Drug Awareness	3
HLTH-370	Health Disparities	3
HLTH-470	Health of the Elderly	3
HLTH-493	Practicum in Health	3
	Total Credits	24

Sport Coaching Concentration

Field of Study

Concentration

Item #	Title	Credits
HLTH-360	Drug Awareness	3
PEXS-313	Issues in Sport- Youth Through Young Adult	3
PEXS-354	Techniques & Coaching of Sports Skills	3
PEXS-386	Practice & Application of Strength & Conditioning	3
PEXS-436	Ergogenic Aids in Sports	3
PEXS-450	Leadership in Sports & Coaching	3
PEXS-486	Practical Application of Sport Science	3
PEXS-493D	Practicum in Sport	3
	Total Credits	24

Sport Therapy Concentration

Field of Study

Concentration

Item #	Title	Credits
PEXS-434	Foundations & Administration of Healthcare Programs	3
PEXS-444	Advanced Sports Emergency Care	3
PEXS-474	Injury Evaluation of Upper & Lower Extremities	3
PEXS-476	Evidence Based Practice & Research Methods	3
PEXS-487	Therapeutic Modalities in Healthcare	3
PEXS-488	Rehabilitation & Therapeutic Exercise	3
PEXS-494	General Medical Considerations in Sports Therapy	3
PEXS-497	Senior Seminar in Exercise & Rehabilitation Sciences	3
	Total Credits	24

Mathematics, Computer Science, and Physics

Mission Statement

The Department of Mathematics at Lincoln Memorial University strives to graduate students who demonstrate a notable command of content knowledge and practical skills in program area of choice. Degree tracks incorporate the experimental method, proficient use of technology, and mastery of terminology in the field of mathematics. Graduates of the Department of Mathematics are expected to utilize ethical standards in the practice of their profession, to demonstrate an ability to communicate clearly and effectively, and to appreciate the value of life-long learning. Department graduates go forward to serve their communities, the region, and humanity as informed voices for the advancement of understanding in mathematics.

The mathematics program at LMU is designed to provide students mathematical training applicable to careers in mathematics and related fields, and to graduate math majors who are competent in the field. Under the direction of the mathematics faculty, the students are afforded opportunities to: achieve expertise of the real number system; develop mathematical skills, including the ability to recognize problem types within subject areas and apply suitable techniques; enhance their ability to reason, encompassing critical thinking of abstract concepts; and express mathematical ideas orally and in writing, such that explanations are logically correct and clearly understood. Students completing the major may 1) pursue a graduate degree, 2) seek professional employment, or 3) secure Teacher Licensure in Secondary Education.

BS in Computer Science

Field of Study
Bachelor of Science

General Education

I. LMU Specific Courses

Item #	Title	Credits
	2025 General Education - LMU Specific Courses	**4**
UACT-100	Strategies for College Success	1
LNCN-100	Lincoln's Life and Legacy	1
CIVX-300	American Civics	2

***LMU requires all first-time freshmen students with less than 15 credits of college credit to complete UACT 100.**

II. Communication

Item #	Title	Credits
	2025 General Education - Communications	**9**
ENGL-101	Composition I	3
ENGL-102	Composition II	3
COMM-200	Fundamentals of Speech Communication	3

Bachelor of Arts students are required to take 6 hours of a foreign language in addition to the above courses.

III. Ethics, Fine Arts, History, or Humanities

Item #	Title	Credits
	2024 General Education - Ethics, Fine Arts, Humanities	**6**
ART-100	Art Appreciation	3
ART-381	Survey of Art History I	3
ART-382	Surv Art Hist II	3
BUSN-250	Social & Ethical Environment of Business	3
ENGL-240	Literary Forms	3
ENGL-250	Literary History and Culture	3
ENGL-350	Narrative, Healing and the Body	3
GEOG-350	Geography of Religion	3
MCOM-410	Media Law and Ethics	3
MUSC-100	Music Appreciation	3
MUSC-468	Survey of World Music	3
PHIL-100	The Meaning of Life	3
PHIL-200	Introduction to Philosophy	3
PHIL-210	Logic and Critical Thinking	3
PHIL-330	Ethics	3
PHIL-430	Medical Ethics	3
REL-210	Surv Old Testament	3
REL-220	Surv New Testament	3
REL-310	Comparative Religions	3
REL-315	Comparative Christianity	3
THEA-100	Intro to Theatre	3
THEA-340	Survey of Dramatic Literature	3

IV. Behavioral/Social Sciences

Item #	Title	Credits
	2024 General Education - Behavioral/Social Sciences	**3**

Choose one of the following courses:

BUSN-380	Personal Finance	3
CRIM-105	Introduction to Criminal Justice	3
ECON-212	Principles of Microeconomics	3
ECON-213	Principles of Macroeconomics	3
GEOG-100	Introduction to Geography	3
GEOG-110	World Regional Geography	3
GEOG-211	Intro to Human Geography	3
GEOG-300	Environmental Geography	3
POLS-100	American Government: National	3
POLS-240	Intro to Political Ideas	3
POLS-250	Introduction to International Relations	3
PSYC-100	Introduction to Psychology	3
PSYC-221	Child and Adolescent Development	3
PSYC-222	Adult Development	3
SOCI-100	Introduction to Sociology	3

V. History

Item #	Title	Credits
	2025 General Education - History	**6**
HIST-121	World History to 1500	3
HIST-122	World Hist Since 1500	3
HIST-131	American History to 1877	3
HIST-132	American Hist Since 1877	3

VI. Mathematics

(*see* **Mathematics Placement**)

Item #	Title	Credits
MATH-150	Calculus I	4

VII. Natural Sciences/Physical Sciences

Item #	Title	Credits
PHYS-211	General Physics I	3
PHYS-211L	General Physics I Lab	1
CHEM-111	General Chemistry I	3
CHEM-111L	General Chemistry I Lab	1

***LMU requires all first-time freshmen students with fewer than 15 credits of college credit to complete UACT 100.**

Note: Computer Science majors satisfy General Education Section VII Natural Sciences/Physical Sciences through PHYS 211, 212, and their labs (indicated under Section VII Natural Sciences/Physical Sciences).

Required Courses

Item #	Title	Credits
COSC-160	Computer Science I	3
COSC-194	Computer Science Career Seminar	2
COSC-240	Computer Science II	3
COSC-244	Data Structures	3
COSC-344	Software Engineering I	3
COSC-346	Operating Systems	3
COSC-348	Principles of Algorithms	3
COSC-348X	Jr. Writing Requirement	0
COSC-350	Programing Languages	3
COSC-354	Networks and Data Communications	3
COSC-356	Database Management	3
COSC-358	Artificial Intelligence	3
COSC-440	Network Security	3
COSC-444	Software Engineering II	3
COSC-446	Program Translation	3
COSC-448	Computer Theory	3
COSC-448Z	Senior Writing Requirement	0
COSC-450	Computer Architecture	3
COSC-498	Computer Science Internship	3

Collateral requirements include: MATH 150 (applied to General Education Section VI Mathematics), 220, 250, 260 and 270; CHEM 111 with lab, PHYS 211, 212 and 350 with labs.

Collateral Requirements

Item #	Title	Credits
MATH-220	Discrete Structures	3
MATH-250	Calculus II	4
MATH-260	Elementary Linear Algebra	3
MATH-270	Probability, Statistics	3
CHEM-111	General Chemistry I	3
CHEM-111L	General Chemistry I Lab	1
PHYS-350	Introduction to Electronics	3
PHYS-350L	Introduction to Electronics Lab	1
	Electives for Computer Science Degree	**11**
	Total Credits	122

BS in Mathematics

Field of Study

Bachelor of Science

General Education

I. LMU Specific Courses

Item #	Title	Credits
	2025 General Education - LMU Specific Courses	**4**
UACT-100	Strategies for College Success	1
LNCN-100	Lincoln's Life and Legacy	1
CIVX-300	American Civics	2

***LMU requires all first-time freshmen students with less than 15 credits of college credit to complete UACT 100.**

II. Communication

Item #	Title	Credits
	2025 General Education - Communications	**9**
ENGL-101	Composition I	3
ENGL-102	Composition II	3
COMM-200	Fundamentals of Speech Communication	3

Bachelor of Arts students are required to take 6 hours of a foreign language in addition to the above courses.

III. Ethics, Fine Arts, History, or Humanities

Item #	Title	Credits
	2025 General Education - Fine Arts, Humanities, and Ethics (for Baccalaureate Degrees)	**6**

Fine Arts, Humanities, and Ethics

Choose **two** of the following (must have different prefixes, e.g. ART and GEOG):

ART-100	Art Appreciation	3
ART-381	Survey of Art History I	3
ART-382	Surv Art Hist II	3
BUSN-250	Social & Ethical Environment of Business	3
ENGL-240	Literary Forms	3
ENGL-250	Literary History and Culture	3
ENGL-350	Narrative, Healing and the Body	3
GEOG-350	Geography of Religion	3
MCOM-410	Media Law and Ethics	3
MUSC-100	Music Appreciation	3
MUSC-468	Survey of World Music	3
PHIL-100	The Meaning of Life	3
PHIL-200	Introduction to Philosophy	3
PHIL-210	Logic and Critical Thinking	3
PHIL-330	Ethics	3
PHIL-430	Medical Ethics	3
REL-210	Surv Old Testament	3
REL-220	Surv New Testament	3
REL-310	Comparative Religions	3
REL-315	Comparative Christianity	3
THEA-100	Intro to Theatre	3
THEA-340	Survey of Dramatic Literature	3

IV. Behavioral/Social Sciences

Item #	Title	Credits
	2024 General Education - Behavioral/Social Sciences	**3**

Choose one of the following courses:

BUSN-380	Personal Finance	3
CRIM-105	Introduction to Criminal Justice	3
ECON-212	Principles of Microeconomics	3
ECON-213	Principles of Macroeconomics	3
GEOG-100	Introduction to Geography	3
GEOG-110	World Regional Geography	3
GEOG-211	Intro to Human Geography	3
GEOG-300	Environmental Geography	3
POLS-100	American Government: National	3
POLS-240	Intro to Political Ideas	3
POLS-250	Introduction to International Relations	3
PSYC-100	Introduction to Psychology	3
PSYC-221	Child and Adolescent Development	3
PSYC-222	Adult Development	3
SOCI-100	Introduction to Sociology	3

V. History

Item #	Title	Credits
	2025 General Education - History	**6**
HIST-121	World History to 1500	3
HIST-122	World Hist Since 1500	3
HIST-131	American History to 1877	3
HIST-132	American Hist Since 1877	3

VI. Mathematics

(*see* **Mathematics Placement**)

Item #	Title	Credits
MATH-150	Calculus I	4

VII. Natural Sciences/Physical Sciences

Item #	Title	Credits
	2025 General Education - Natural/Physical Sciences - Bachelor of Science	**8**

A. Life Sciences

Choose from the following courses (also take the corresponding lab):

BIOL-100	Introduction to Biology	3
BIOL-100L	Introduction to Biology Lab	1
BIOL-111	General Biology I	3
BIOL-111L	General Biology I Lab	1
BIOL-112	General Biology II	3
BIOL-112L	General Biology II Lab	1
BIOL-230	Microbiology	3
BIOL-230L	Microbiology Lab	1
BIOL-261	Human Anatomy and Physiology I	3
BIOL-261L	Human Anatomy and Physiology I Lab	1
BIOL-262	Human Anatomy and Physiology II	3
BIOL-262L	Human Anatomy and Physiology II Lab	1
CBIO-230	Forests of Appalachia	4
ENVS-100	Introduction to Environmental Science	4

B. Physical Sciences

Choose from the following courses (also take the corresponding lab):

CHEM-100	Introduction to Chemistry	3
CHEM-100L	Introduction to Chemistry Lab	1
CHEM-111	General Chemistry I	3
CHEM-111L	General Chemistry I Lab	1
CHEM-112	General Chemistry II	3
CHEM-112L	General Chemistry II Lab	1
GEOG-120	Int Phy Geog: Planet Earth	3
GEOG-120L	Int Phy Geog: Planet Earth Lab	1
PHYS-100	Introduction to Physics	3
PHYS-100L	Intro to Physics Lab	1
PHYS-211	General Physics I	3
PHYS-211L	General Physics I Lab	1
PHYS-212	General Physics II	3
PHYS-212L	General Physics II Lab	1
PHYS-251	University Physics I	4
PHYS-251L	University Physics I Lab	1
PHYS-252	University Physics II	4
PHYS-252L	University Physics II Lab	1

***LMU requires all first-time freshmen students with fewer than 15 credits of college credit to complete UACT 100.**

Required Courses

Item #	Title	Credits
MATH-250	Calculus II	4
MATH-255	Calculus III	4
MATH-260	Elementary Linear Algebra	3
MATH-300	Intro to Advanced Math	3
MATH-350	Differential Equations	3
MATH-360X	Junior Writing Requirement	0
MATH-365	Linear Algebra	3
MATH-370	Mathematical Probability With Statistics	3
MATH-450	Introduction to Real Analysis	3
MATH-460	Modern Algebra	3
MATH-460Z	Senior Writing Requirement	0
	MATH Elective 300-400 level (3 credits)	**3**
	MATH Elective 300-400 level (3 credits)	**3**

Collateral Requirements

Collateral requirement note:

MATH 120 required if student does not place in MATH 150.

MATH 150 required as a pre-requisite to MATH 250 (and other courses).

Item #	Title	Credits
COSC-160	Computer Science I	3
	General Electives for MATH.BS	**28**
	3xx/4xx Electives	**16**
	Total Credits	122

BS in Mathematics Secondary Teacher Licensure Track

Field of Study
Bachelor of Science

General Education

I. LMU Specific Courses

Item #	Title	Credits
	2025 General Education - LMU Specific Courses	**4**
UACT-100	Strategies for College Success	1
LNCN-100	Lincoln's Life and Legacy	1
CIVX-300	American Civics	2

***LMU requires all first-time freshmen students with less than 15 credits of college credit to complete UACT 100.**

II. Communication

Item #	Title	Credits
	2025 General Education - Communications	**9**
ENGL-101	Composition I	3
ENGL-102	Composition II	3
COMM-200	Fundamentals of Speech Communication	3

Bachelor of Arts students are required to take 6 hours of a foreign language in addition to the above courses.

III. Ethics, Fine Arts, History, or Humanities

Item #	Title	Credits
	2025 General Education - Fine Arts, Humanities, and Ethics (for Baccalaureate Degrees)	**6**

Fine Arts, Humanities, and Ethics

Choose **two** of the following (must have different prefixes, e.g. ART and GEOG):

ART-100	Art Appreciation	3
ART-381	Survey of Art History I	3
ART-382	Surv Art Hist II	3
BUSN-250	Social & Ethical Environment of Business	3
ENGL-240	Literary Forms	3
ENGL-250	Literary History and Culture	3
ENGL-350	Narrative, Healing and the Body	3
GEOG-350	Geography of Religion	3
MCOM-410	Media Law and Ethics	3
MUSC-100	Music Appreciation	3
MUSC-468	Survey of World Music	3
PHIL-100	The Meaning of Life	3
PHIL-200	Introduction to Philosophy	3
PHIL-210	Logic and Critical Thinking	3
PHIL-330	Ethics	3
PHIL-430	Medical Ethics	3
REL-210	Surv Old Testament	3
REL-220	Surv New Testament	3
REL-310	Comparative Religions	3
REL-315	Comparative Christianity	3
THEA-100	Intro to Theatre	3
THEA-340	Survey of Dramatic Literature	3

IV. Behavioral/Social Sciences

Item #	Title	Credits
PSYC-100	Introduction to Psychology	3

This course is required for Teacher Licensure and satisfies the requirements of this section.

V. History

Item #	Title	Credits
	2025 General Education - History	**6**
HIST-121	World History to 1500	3
HIST-122	World Hist Since 1500	3
HIST-131	American History to 1877	3
HIST-132	American Hist Since 1877	3

VI. Mathematics

(*see* **Mathematics Placement**)

Item #	Title	Credits
MATH-150	Calculus I	4

VII. Natural Sciences/Physical Sciences

Item #	Title	Credits
	2025 General Education - Natural/Physical Sciences - Bachelor of Science	**8**

A. Life Sciences

Choose from the following courses (also take the corresponding lab):

BIOL-100	Introduction to Biology	3
BIOL-100L	Introduction to Biology Lab	1
BIOL-111	General Biology I	3
BIOL-111L	General Biology I Lab	1
BIOL-112	General Biology II	3
BIOL-112L	General Biology II Lab	1
BIOL-230	Microbiology	3
BIOL-230L	Microbiology Lab	1
BIOL-261	Human Anatomy and Physiology I	3
BIOL-261L	Human Anatomy and Physiology I Lab	1
BIOL-262	Human Anatomy and Physiology II	3
BIOL-262L	Human Anatomy and Physiology II Lab	1
CBIO-230	Forests of Appalachia	4
ENVS-100	Introduction to Environmental Science	4

B. Physical Sciences

Choose from the following courses (also take the corresponding lab):

CHEM-100	Introduction to Chemistry	3
CHEM-100L	Introduction to Chemistry Lab	1
CHEM-111	General Chemistry I	3
CHEM-111L	General Chemistry I Lab	1
CHEM-112	General Chemistry II	3
CHEM-112L	General Chemistry II Lab	1
GEOG-120	Int Phy Geog: Planet Earth	3
GEOG-120L	Int Phy Geog: Planet Earth Lab	1
PHYS-100	Introduction to Physics	3
PHYS-100L	Intro to Physics Lab	1
PHYS-211	General Physics I	3
PHYS-211L	General Physics I Lab	1
PHYS-212	General Physics II	3
PHYS-212L	General Physics II Lab	1
PHYS-251	University Physics I	4
PHYS-251L	University Physics I Lab	1
PHYS-252	University Physics II	4
PHYS-252L	University Physics II Lab	1

***LMU requires all first-time freshmen students with fewer than 15 credits of college credit to complete UACT 100.**

Required Courses

Item #	Title	Credits
MATH-250	Calculus II	4
MATH-255	Calculus III	4
MATH-260	Elementary Linear Algebra	3
MATH-300	Intro to Advanced Math	3
MATH-320	Discrete Math	3
MATH-360X	Junior Writing Requirement	0
MATH-370	Mathematical Probability With Statistics	3
MATH-380	Geometry	3
MATH-390	History of Math	3
MATH-460	Modern Algebra	3
MATH-460Z	Senior Writing Requirement	0
MATH-470	Mathematics in the Secondary Classroom	3
	MATH Elective 300-400 level (3 credits)	**3**

Collateral Requirements

Collateral requirement note:

MATH 120 required if student does not place in MATH 150.

MATH 150 required as a pre-requisite to MATH 250 (and other courses).

Item #	Title	Credits
COSC-160	Computer Science I	3
	General Elective - MATHE.BS	**4**

School of Education Licensure Requirements

These courses are required for Teacher Licensure.

Item #	Title	Credits
PSYC-221	Child and Adolescent Development	3
PSYC-370	Educational Psychology	3
SPED-320	Differentiated Instruction	3
STEM-460	Methods of Sec Math/Nat Sci Instruction	3
EDUC-210	Instructional Technology & Learning Resources	2
EDUC-290	The Teaching Profession	3
EDUC-380	Literacy Across Secondary Curricula	2
EDUC-390	Learning About Learners	2
EDUC-360	Secondary Instructional Methods and Strategies	3
EDUC-370	Measurement and Evaluation	2
EDUC-480	Clinical Practice I	2
EDUC-497F	Enhanced Clinical Practice II Seminar	3
EDUC-497	Enhanced Clinical Practice II	9
	Total Credits	122

Computer Science Minor

Field of Study
Minor

Item #	Title	Credits
COSC-160	Computer Science I	3
COSC-240	Computer Science II	3
COSC-244	Data Structures	3
	COSC Electives (9 credits)	**9**
	Total Credits	18

Mathematics Minor

Field of Study

Minor

Item #	Title	Credits
MATH-250	Calculus II	4
MATH-255	Calculus III	4
MATH-260	Elementary Linear Algebra	3
MATH-300	Intro to Advanced Math	3
	MATH Elective 300/400 Level (3 credits)	**3**
	MATH-270 OR MATH-370	**3**
MATH-270	Probability, Statistics	3
MATH-370	Mathematical Probability With Statistics	3

Collateral requirements include:

MATH 120, 150 as necessary prerequisites depending on placement scores.

	Total Credits	20

Caylor School of Nursing

Undergraduate Nursing

Mission Statement

In agreement with the University's mission and goals, the Faculty of the Caylor School of Nursing strive to instill responsibility and high moral/ethical standards in the preparation of quality nurses, at multiple levels of nursing education, through superior academic programs at the undergraduate and graduate level. Specifically, the mission of the Faculty is to prepare nurses with the ASN, BSN, MSN, and DNP degrees, to assist individuals, families, communities, and society as they adapt to changes in physiological needs, role function, self-concept, and interdependent relationships during health and illness. The Caylor School of Nursing seeks to respond to the needs of nursing education and healthcare in the surrounding communities and a global society by preparing nurses at multiple degree levels and by providing continuing education/ professional development opportunities rooted in knowledge, research, and other scholarly activities.

Purpose

Responding to the needs of nursing education and health care of the people of the region, LMU established the Associate of Science in Nursing (ASN) degree program in 1974. As a reflection of the changing local health care needs and national trends in nursing, LMU instituted the Registered Nurse to Bachelor of Science in Nursing (RN to BSN) program in 1987. Both undergraduate programs are founded on the belief that nursing is a service which aims to assist individuals to attain, maintain, or regain optimum level wellness through application of the nursing process. To further assist with regional

healthcare needs and to enhance nursing service across the lifespan, the Master of Science in Nursing (MSN) program was initiated to educate advanced practice nurses in 2006. To educate advanced practice nurses the generic Bachelor of Science in Nursing (BSN) program commenced in 2010 and the Doctorate of Nursing Practice (DNP) in 2015.

Nursing Program Accreditation/Approvals

Tennessee/Kentucky Programs

The Associate of Science in Nursing (ASN), Bachelor of Science in Nursing (BSN), Master of Science in Nursing (MSN), and Doctor of Nursing Practice (DNP) degree programs are approved by the Tennessee Board of Nursing. The ASN and BSN programs offered in Kentucky are approved by the Kentucky Board of Nursing.

The Associate of Science in Nursing (ASN), Bachelor of Science in Nursing (BSN), Master of Science in Nursing (MSN), and Doctor of Nursing Practice (DNP) nursing programs at Lincoln Memorial University(LMU) at the LMU Harrogate, LMU Cedar Bluff, LMU Chattanooga, LMU Lexington and LMU Corbin campuses located in Harrogate, Knoxville, Tennessee and Lexington, Corbin, Kentucky are accredited by the: Accreditation Commission for Education in Nursing (ACEN) 3390 Peachtree Road NE, Suite 1400 Atlanta, GA 30326 (404) 975-5000

The most recent accreditation decision made by the ACEN Board of Commissioners for the Associate of Science in Nursing (ASN), Bachelor of Science in Nursing (BSN), Master of Science in Nursing (MSN), and Doctor of Nursing Practice (DNP) is continuing accreditation.

ACEN is officially recognized as a national accrediting agency for nursing education by the Council on Higher Education Accreditation (CHEA) and by the U.S. Department of Education. ACEN may be contacted at 3390 Peachtree Rd NE, Suite 1400, Atlanta, GA 30326 or call 404-975-5000 or visit www.acenursing.org.

Florida Programs

The ASN and BSN programs offered in Florida are approved by the Florida Board of Nursing.

The Associate of Science in Nursing (ASN) and Bachelor of Science in Nursing (BSN) nursing programs at Lincoln Memorial University at the Tampa campus located in Tampa, Florida are accredited by the: Accreditation Commission for Education in Nursing (ACEN) 3390 Peachtree Road NE, Suite 1400 Atlanta, GA 30326 (404) 975-5000.

The most recent accreditation decision made by the ACEN Board of Commissioners for the Associate of Science in Nursing (ASN) and Bachelor of Science in Nursing (BSN) nursing programs is continuing accreditation.

ACEN is officially recognized as a national accrediting agency for nursing education by the Council on Higher Education Accreditation (CHEA) and by the U.S. Department of Education. ACEN may be contacted at 3390 Peachtree Rd NE, Suite 1400, Atlanta, GA 30326 or call 404-975-5000 or visit www.acenursing.org.

Nursing

Associate of Science in Nursing (ASN) (CIP code 51.3801)

Field of Study

Associate of Science in Nursing

ASN Mission Statement

In agreement with the University and Caylor School of Nursing's mission and goals, the Faculty of the ASN program strive to instill responsibility and high moral/ethical standards in the preparation of quality nurses at the ASN level of nursing education through superior academic programs. Specifically, the mission of the faculty is to prepare nurses with the ASN degree, to assist individuals and families, as they adapt to changes in physiological needs, role function, self-concept, and interdependent relationships during health and illness to maximize their health and well-being. The ASN program seeks to respond to the needs of nursing education and healthcare in the surrounding communities by preparing nurses at the ASN level who are prepared to enter the nursing profession with an understanding of and desire for educational advancement.

ASN End of Program Student Learning Outcomes

The end-of-program student learning outcomes state the graduate of the Associate of Science in Nursing (ASN) program will have successfully demonstrated the ability to:

- outline a plan of care for a person's ability to function within the individual's current environment,
- treat all persons, groups, and communities with dignity and respect to the individual's culture and belief system,
- apply the nursing process to plan and evaluate interventions that promote a person's adaptation to their maximum potential of health and well-being,
- apply the nursing process to prioritize safe, quality care for all persons within their care,
- establish professional relationships by communicating effectively via spoken, written, and electronic mediums,
- establish professional relationships by employing the role of the nurse in relation to other members of the health care team,
- examine existing, evidence-based strategies to promote adaptation within the persons' present health state, and
- formulate a plan for success on the NCLEX-RN and continued education in the nursing profession.

Graduates of the ASN program are eligible to apply to take the NCLEX-RN through the State Board of Nursing in which they plan to practice. The Board of Nursing has the right to deny licensure to practice nursing to individuals guilty of crime, unprofessional conduct, or incompetence. Students should direct any questions regarding eligibility to take the licensing examination to the board of nursing in the state in which they wish to be registered. The specific rules related to eligibility for the Tennessee, Kentucky, and Florida Boards of Nursing may be found as follows: TN Rule 1000-01; KY Rule 201KAR 20: 070; FL Rule Section 464.008, F.S.

ASN Admission Requirements

Students must first be admitted to the University before formally applying for admission to the ASN program; however, admission to the University does not guarantee admission to the ASN program. The Admissions Committee will review all applicants' materials. Admission to the program is competitive. Factors considered include: cumulative grade point average; ACT/SAT scores; grades/grade point average in required associate degree core curriculum courses; completion of BIOL 261, BIOL 262, and MATH 105 or higher with grades no lower than "C"; 2.5 or higher cumulative GPA; number of repeated courses and withdrawals; and grade improvement over time.

Any omission, false, or misleading information on the application will preclude the student from being considered for admission or will result in the student being dismissed from the program.

Admission is based on the following:

- Admission to LMU,
- Formal application for admission to the ASN program,
- Submission of official academic transcripts from all postsecondary schools attended,
- Cumulative grade point average (GPA) of 2.50 or higher, and
- Completed medical profile form.

Requirements for LPNs desiring to be in the LPN-ASN program:

- Be a graduate of a practical nursing program,
- Show proof of a valid non-restricted LPN license,
- Have validation of current working experience as an LPN,
- Complete a minimum of 20 hours of General Education courses which will include:
    - BIOL 261 Human Anatomy & Physiology I
    - BIOL 262 Human Anatomy & Physiology II
    - Math 105 or higher,
- Apply and be accepted to LMU, and
- Apply and be accepted into the ASN Program (see aforementioned ASN Admission requirements).

Prior to beginning the ASN nursing program the student must submit:

- Completed medical profile and physical examination form
- Evidence of a negative chain of custody urine drug screen and background check
- Current negative two-step TST or blood assay for Mycobac. Tuberc, with a completed TB Risk Assessment form; Measles (Rubeola), Mumps, & Rubella titer or documentation of 2 MMR vaccines; Varicella titer or documentation of 2 Varicella vaccines; current year Flu immunization; Hepatitis B immunization series; and proof of Tdap booster within the past 10 years. COVID immunization may be required by clinical agencies for completion of clinical hours.
- Current CPR certification (must be Healthcare provider and include hands-on adult, child, infant and AED training)
- Proof of medical insurance coverage
- Completed and signed Student Essential Functions Form

Please be aware that in certain academic programs requiring internship or placement, an additional criminal background check and a chain of custody urine drug screen (in addition to the one required with the medical profile), may be required by affiliate agencies and organizations. If required, these tests would be obtained at the student's expense.

Transfer of credit for the ASN Program

General education courses will be considered for transfer into the ASN program from accredited institutions. All transferred coursework must carry a grade of "C" or better. Credit for Anatomy and/or Physiology (including labs for these 2 courses) earned more than eight years ago must be approved by the ASN Program Chair.

Transfer work for NURS 115 credit may be considered based on the following criteria: Course content comparable to LMU's NURS 115 (validated by syllabus of transferred coursework provided by the petitioner); coursework no more than 18 months old from completion of course; skills comparable to LMU's NURS 115; grade of a B or better; 6 hour credit course.

ASN Program Progression and Readmission

Attendance at a nursing orientation session prior to beginning the ASN program is mandatory. In addition, attendance is mandatory on the first day of all NURS courses. If a student fails to attend the first day of a NURS course, they may forfeit their space in the program.

Students must successfully complete both theoretical and clinical components of any course bearing the NURS prefix. To continue in the ASN program, students are required to earn a letter grade of "B" or better (which means a cumulative number score of 80% or better) in each NURS course and a satisfactory in the clinical component of the course. An unsatisfactory grade in clinical will result in an "F" for the NURS course. The student will not be allowed to remain in the NURS course for the remainder of the semester once an unsatisfactory grade is received in the clinical area.

If a student earns below a grade of "B" in a NURS course or chooses to interrupt their NURS course sequence for any reason, a readmission application must be submitted to nursing. This means the student cannot progress in the program until they are readmitted to said nursing course and successfully complete that course. Students re-entering the nursing program for any reason may not have a lapse of more than 18 months. Readmission to the ASN program is NOT guaranteed. If readmitted, the student must successfully remediate a specified course/s before being allowed to repeat the failed course. If a student is readmitted, it is with the understanding that they will not be allowed to continue in the nursing program if another grade below a "B" is earned in a NURS course.

If two grades below a "B" are earned in NURS courses, whether in the same semester or different semesters, the student will not be eligible for admission, readmission, and/or progression in the ASN program.

Any student with an Incomplete "I" in any nursing course(s) will not be allowed to enroll in subsequent nursing courses until the Incomplete "I" has been removed from the transcript.

ASN Grading Scale

The LMU Grading System is based on a 4.0 scale.

The grading scale for the ASN Program is as follows:

A	90-100	4.00 quality points
B+	87-89	3.33 quality points
B	80-86	3.00 quality points
C+	77-79	2.33 quality points
C	70-76	2.00 quality points
D+	67-69	1.33 quality points
D	60-66	1.00 quality points
F	Below 60	0 quality points

General Education

I. LMU Specific Courses

Item #	Title	Credits
LNCN-100	Lincoln's Life and Legacy	1
	General Education - UACT 100	**1**
UACT-100	Strategies for College Success	1
HNRS-100	Honors Perspective & Skills	1

***LMU requires all first-time freshmen students with less than 15 credits of college credit to complete UACT 100.**

II. Communication

Item #	Title	Credits
	AS General Education - Communication	
COMM-200	Fundamentals of Speech Communication	3
ENGL-101	Composition I	3

III. Ethics, Fine Arts, History, or Humanities

Item #	Title	Credits
	AS General Education - Ethics, Fine Arts, History or Humanities	**3**
ART-100	Art Appreciation	3
ART-381	Survey of Art History I	3
ART-382	Surv Art Hist II	3
BUSN-250	Social & Ethical Environment of Business	3
ENGL-240	Literary Forms	3
ENGL-250	Literary History and Culture	3
ENGL-350	Narrative, Healing and the Body	3
GEOG-350	Geography of Religion	3
HIST-121	World History to 1500	3
HIST-122	World Hist Since 1500	3
HIST-131	American History to 1877	3
HIST-132	American Hist Since 1877	3
MCOM-410	Media Law and Ethics	3
MUSC-100	Music Appreciation	3
MUSC-468	Survey of World Music	3
PHIL-100	The Meaning of Life	3
PHIL-200	Introduction to Philosophy	3
PHIL-210	Logic and Critical Thinking	3
PHIL-330	Ethics	3
PHIL-430	Medical Ethics	3
REL-210	Surv Old Testament	3
REL-220	Surv New Testament	3
REL-310	Comparative Religions	3
REL-315	Comparative Christianity	3
THEA-100	Intro to Theatre	3
THEA-340	Survey of Dramatic Literature	3

Only 3 hours of Ethics, Fine Arts, History, or Humanities are required for the ASN program.

IV. Behavioral/Social Sciences

Item #	Title	Credits
	AS General Education - Behavioral/Social Sciences	**3**
BUSN-380	Personal Finance	3
CRIM-105	Introduction to Criminal Justice	3
ECON-212	Principles of Microeconomics	3
ECON-213	Principles of Macroeconomics	3
GEOG-100	Introduction to Geography	3
GEOG-110	World Regional Geography	3
GEOG-211	Intro to Human Geography	3
GEOG-300	Environmental Geography	3
POLS-100	American Government: National	3
POLS-240	Intro to Political Ideas	3
POLS-250	Introduction to International Relations	3
PSYC-100	Introduction to Psychology	3
PSYC-221	Child and Adolescent Development	3
PSYC-222	Adult Development	3
SOCI-100	Introduction to Sociology	3

PSYC-221 counts concurrently toward LMU's social science general education requirement and is highly recommended for ASN students. Other courses in the disciplines of Economics, Geography, Government, Psychology, and Sociology will also meet LMU's general education requirements in the social sciences. However, students who have completed one of these courses for their social science requirement would still be required to take PSYC 100 or 221 as a nursing licensure requirement.

PSYC-221 counts concurrently toward LMU's behavioral/social science general education requirement and is highly recommended for ASN students. Other courses in the disciplines of Business, Criminology, Economics, Geography, Political Science, Psychology, and Sociology will also meet LMU's general education requirements in the behavioral/social sciences; however, students who have completed one of these courses for their behavioral/social science requirement would still be required to take PSYC 100 or 221 as a nursing program requirement.

V. Mathematics

Item #	Title	Credits
	AS General Education - Mathematics	**3-4**
Choose **one** course from the following:		
MATH-105	Transitional College Mathematics	3
MATH-110	Reasoning and Problem Solving	3
MATH-115	College Algebra	3
MATH-120	Trigonometry	3
MATH-150	Calculus I	4

MATH 105 or higher is required for the ASN program.

VI. Natural Sciences

Item #	Title	Credits
	AS in Nursing General Education - Natural Sciences	
BIOL-261	Human Anatomy and Physiology I	3
BIOL-261L	Human Anatomy and Physiology I Lab	1
BIOL-262	Human Anatomy and Physiology II	3
BIOL-262L	Human Anatomy and Physiology II Lab	1

BIOL-261, BIOL-262 are nursing program requirements and will count concurrently toward general education and the nursing program requirements.

VII. General Education Proficiency

Required testing and other measures are used to determine the extent to which students achieve the learning outcomes of The Core Curriculum at the Associate's level. Students graduating from an Associate's degree program are tested in the semester of graduation.

Nursing Core

Students must complete either the Traditional Student Track or the LPN-ASN Student Track (if eligible). Regardless of track, students must complete at least 62 credit hours to complete the program.

Associate of Science in Nursing: Traditional Student Track

Item #	Title	Credits
NURS-105	Fundamentals of Pharmacology in Nursing	2
NURS-115	Foundations Nursing	6
NURS-125	Physiological	6
NURS-126	Psychosocial	3
NURS-241	Prom Adapt Adults I	7
NURS-242	Prom Adapt Adults II	6
NURS-245	Prom Adapt Children	3
NURS-246	Prom Adapt Childbearing Fam	3
NURS-290	Nursing Seminar	2

NURS-310 will also fulfill the ASN Pharmacology (NURS-105) requirement. Students who successfully complete NURS-310 will fulfill the ASN and RN-BSN Pharmacology requirements concurrently.

Associate of Science in Nursing: LPN-ASN Student Track

The LPN-ASN program includes eight (8) credit hours for LPN mobility. Six (6) credit hours are awarded once the LPN has submitted proof of a valid non-restricted LPN license. The two (2) additional credit hours are awarded after the LPN has submitted validation of one year of current working experience as an LPN.

Note: Student will be responsible for Special Credit (SC) fees the semester these credits are awarded, as stated in the current *Catalog*.

Item #	Title	Credits
NURS-105	Fundamentals of Pharmacology in Nursing	2
NURS-124	Prom Adapt Physiologic Mode	5
NURS-126	Psychosocial	3
NURS-241	Prom Adapt Adults I	7
NURS-244	Prom Adapt Adults II	5
NURS-245	Prom Adapt Children	3
NURS-246	Prom Adapt Childbearing Fam	3
NURS-290	Nursing Seminar	2

NURS-310 will also fulfill the ASN Pharmacology (NURS-105) requirement. Students who successfully complete NURS-310 will fulfill the ASN and RN-BSN Pharmacology requirements concurrently.

Note: For courses with an NURS prefix, 1 clock hour of lecture per week for 15 weeks earns 1 credit hour; 3 clock hours of clinical/lab time per week for 15 weeks earns 1 credit hour. In addition, students may only register for a NURS course with the signature of a nursing advisor or the ASN Program Chair on their registration form.

	Total Credits	62-63

BS in Nursing RN-to-BSN Option

Field of Study
Bachelor of Science

The Caylor School of Nursing offers an RN-BSN option to obtain a Bachelor of Science in Nursing (BSN) Degree. A student must successfully complete a total of 122 credit hours to be eligible for graduation; which includes required general education and collateral credit hours, and 29 required RN-BSN Nursing credit hours. Other hours will be applied from prior program completion and proficiency validated by licensure to the total of 122 credit hours.

Please be aware that in certain academic programs requiring internship or placement, an additional criminal background check, and a chain of custody urine drug screen (in addition to the one required with the medical profile), may be required by affiliate agencies and organizations. If required, these tests would be at the student's expense.

RN-to-BSN Option Admission Requirements

Students must first be admitted to the University before formally applying for admission to the BSN program. Admission to the University, however, does not guarantee admission to the BSN program. Admission to the program is competitive. Factors considered include: cumulative grade point average, ACT/SAT scores, grades/grade point average in required BSN Degree Core Curriculum courses, number of repeated courses and withdrawals, and grade improvement over time.

The Admissions Committee will review all applicants' materials. Applicants will be considered based on admission criteria. Interviews may be conducted. Any omission, false, or misleading information on the application related to prior admission to a nursing school will preclude the student from being considered for admission or will result in the student being dismissed from the program.

Admission criteria for the RN-to-BSN Option include:

- Be a graduate of an ASN program
- Show proof of a valid non-restricted RN license
- Admission to LMU
- Formal application for admission to the CSON RN-BSN Option
- Satisfactory completion of general education and program course requirements (non-degree holding transfer students may take LNCN 100 and CIVX 300 at any time during the nursing program, or prior to matriculation).
- Submission of official academic transcripts from all postsecondary schools attended
- Cumulative grade point average (GPA) of 2.75 or higher
- Completed medical profile form

Prior to beginning the nursing program the student must submit:

- A completed physical examination form.
- Evidence of a negative chain of custody urine drug screen and background check.
- Current negative two-step TST or blood assay for Mycobac. Tuberc with a completed TB Risk Assessment form; Rubella, Rubeola & Mumps titer or documentation of 2 MMR vaccines; Varicella titer or immunization with Varicella vaccine; Flu immunization; Hepatitis B immunization series or signed declination form; and proof of Tdap booster within the past 10 years. COVID immunization is highly recommended.
- Current CPR certification (must include adult, child and infant training).
- Proof of medical insurance coverage.
- Completed and signed Student Essential Functions Form.

Core Curriculum Requirements for Baccalaureate Degree Program

Students enrolled in the RN-BSN Option of the Bachelor of Science in Nursing Program must complete required general education and collateral credit hours as listed below. Students admitted to the program who have earned a Bachelor's Degree (or higher) will be required to meet the 4 general education program requirements if not obtained already. These include: MATH 270*, BIOL 230 with lab, BIOL 261 with lab and BIOL 262 with lab. It is recommended that the student will have completed the required general education prior to beginning the nursing courses.

Proficiency Validated by Licensure and Transfer Credit

Students who hold a current registered nurse license making application to the RN-BSN Program could receive up to 31 upper-level credit hours for proficiency validated by licensure. In order to receive credit hours for knowledge validated by licensure the registered nurse must:

- Hold a current unrestricted registered nurse license in the State of Tennessee, or be licensed in a compact state.
- Have been active in clinical practice for the last two years, or have graduated from a nursing program within the last year.
- Have earned a grade of "C" or better in the previous nursing courses.
- Have completed 16 credit hours in the RN-BSN Program in the Caylor School of Nursing.

If the student leaves the program prior to graduation, the credits for knowledge validated by licensure are not transferable to any other nursing program. **Please note: Student will be responsible for Special Credit (SC) fee the semester these credits are awarded as stated in the current *Catalog*.**

Item #	Title	Credits
Transfer Credit - ASN	ASN Accredited Degree	60

I. LMU Specific Courses

Item #	Title	Credits
LNCN-100	Lincoln's Life and Legacy	1
CIVX-300	American Civics	2

Collateral Courses required for BSN Program

Item #	Title	Credits
BIOL-261	Human Anatomy and Physiology I	3
BIOL-261L	Human Anatomy and Physiology I Lab	1
BIOL-262	Human Anatomy and Physiology II	3
BIOL-262L	Human Anatomy and Physiology II Lab	1
BIOL-230	Microbiology	3
BIOL-230L	Microbiology Lab	1
MATH-270	Probability, Statistics	3

General Education Proficiency

Required testing and other measures are used to determine the extent to which students achieve the learning outcomes of The Core Curriculum at the Baccalaureate level. Students pursuing a baccalaureate degree are tested when enrolled in CIVX 300. Students are strongly encouraged to become familiar with the tests which are used and to perform at their highest level on each of these tests. Students achieving scores and ratings demonstrating achievement more than one standard deviation above the LMU average shall receive a LMU General Education Outstanding Achievement Certificate.

Students pursuing a baccalaureate degree must exceed a minimum score on both the ETS Proficiency Profile exam and the ETS Essay Writing Exam or pay an additional fee of $20 per exam to repeat the necessary exam for which they fall below the achievement level set by the LMU General Education Committee. Results of the repeated test(s) will be used by the LMU General Education Committee to determine if the student has met or exceeded the student learning outcomes of The Lincoln Liberal Arts Core Curriculum. If the student's subsequent results from repeated testing fall below the achievement levels set by the LMU GE Committee, the GE Committee will prescribe a specific remediation plan and mechanisms to demonstrate achievement of The Lincoln Liberal Arts Core Curriculum student learning outcomes. Until that achievement is successfully demonstrated the student will have a No Credit ("NC") grade assigned for CIVX300. The expected levels to demonstrate achievement of The Lincoln Liberal Arts Core Curriculum are: Essay Writing - greater than a rating of 2 and ETS Proficiency Profile – greater than one standard deviation less than the three-year LMU average on this exam. Score from repeated exams are not included in this average calculation.

RN-to-BSN Option

This option is for the RN returning for a BSN. Once the general education requirements have been met, the full-time RN-BSN student could complete the program in three sequential semesters. These semesters include a fall, spring, and summer semester and the option can be started at any semester.

RN-to-BSN Option Core Curriculum

Item #	Title	Credits
NURS-300	Transitions to Prof Nursing	2
NURS-310	Pharmacology to Prom Adapt	3
NURS-330	Health Assessment	3
NURS-340	Found Nurs Informatics	3
NURS-350	Pathophys Ineffect Human Resp	3
NURS-375	Prom Adapt Groups, Commun, Soc	5
NURS-390	Promotion Adaptation Elderly	2
NURS-430	Nursing Research	3
NURS-470	Prof Nurs Role Dev/Preceptrshp	4
NURS-490	Sr Nursing Seminar	1

Note: For courses with a NURS prefix, 1 clock hour of lecture per week for 15 weeks earns 1 credit hour; 3 clock hours of clinical/lab time per week for 15 weeks earns 1 credit hour. In addition, students may only register for a NURS course with the signature of a nursing advisor or the BSN Program Chair on their registration form.

BSN Program Progression and Readmission Requirements

Attendance at a nursing orientation session prior to beginning the BSN Option is mandatory. Attendance at an online orientation is mandatory for students in the RN-BSN Option. Attendance is mandatory on the first day of all nursing courses. Any student who fails to attend the first day of class may forfeit their space in the program.

Students must successfully complete both theoretical and clinical components of any course bearing the NURS prefix. This means to continue in the BSN program, students are required to earn a letter grade of "B" or better (which means a cumulative number score of 80% or better) in each NURS course and a satisfactory in the clinical component of the course. An unsatisfactory grade in clinical will result in an "F" for the NURS course. The student will not be allowed to remain in the NURS course for the remainder of the semester once an unsatisfactory grade is received in the clinical area.

If a student earns below a grade of "B" in a NURS course or chooses to interrupt their NURS course sequence for any reason, a readmission application must be submitted to nursing. Readmission to the BSN program is NOT guaranteed. If readmitted, the student must successfully remediate a specified course/s before being allowed to repeat the failed course. If a student is readmitted, it is with the understanding that they will not be allowed to continue in the nursing program if another grade below a "B" is earned in a NURS course.

If two grades below a "B" are earned in NURS courses, whether in the same semester or different semesters, the student will not be eligible for admission, readmission, and/or progression in the BSN program.

Any student with an Incomplete "I" in any nursing course(s) will not be allowed to enroll in subsequent nursing courses until the Incomplete "I" has been removed from the transcript.

RN-BSN Reverse Transfer Credit Pathway

An exceptional RN-BSN student who meets stringent academic requirements may apply for consideration into the RN-BSN Reverse Transfer Credit pathway. This would allow a Registered Nurse who has already completed an associate's degree in nursing to take select graduate level courses for dual credit while completing the requirements of the RN-BSN degree. The student if accepted into this pathway would be allowed to take NURS 510: Advanced Pathophysiology, NURS 520: Advanced Health Assessment, and NURS 530: Advanced Pharmacology and Therapeutics instead of the corresponding courses in the RN-BSN curriculum (NURS 350, NURS 330, and NURS 310). This would allow the student the opportunity to "double count" the coursework at the higher level for the RN-BSN curriculum, which would accelerate completion of the advanced degree once accepted into the MSN program. This pathway is geared toward the RN-BSN student who desires to complete the Family Nurse Practitioner (FNP) or Family Psychiatric Mental Health Nurse Practitioner (FPMHNP) MSN program upon completion of the RN-BSN degree.
To be eligible for the RN-BSN Reverse Transfer Credit Pathway, the student must meet the following criteria:

- Senior status with the university
- 3.3 overall GPA and 3.3 major GPA
- Have completed an accredited associate degree program in nursing
- Admission into the University and Caylor School of Nursing RN-BSN program
- Proof of a valid unencumbered RN license
- Meet all behavior and attitude elements of the student conduct code as stated in the Railsplitter Community Standards Guide.

If the student meets the above criteria, the prospective applicant will submit an application packet for the RN-BSN Reverse Transfer Credit pathway to the administrative assistant for graduate education for consideration.

BSN Program Grading Scale

Students must earn a letter grade of "B" or 80% on exam averages for a course in order to be successful in that course. If the student does not achieve a "B" average or 80% on exam averages for the course, other coursework will not be considered.

The LMU Grading System is based on a 4.0 scale.

The grading scale for the BSN Program is as follows:

A	90-100	4.00 quality points
B+	87-89	3.33 quality points
B	80-86	3.00 quality points
C+	77-79	2.33 quality points
C	70-76	2.00 quality points
D+	67-69	1.33 quality points
D	60-66	1.00 quality points
F	Below 60	0 quality points

Total Credits	122

Bachelor of Science in Nursing (ABSN) - Accelerated

Field of Study
Bachelor of Science

The Caylor School of Nursing offers three options to obtain a Bachelor of Science in Nursing (BSN) Degree: the BSN Option, the ABSN option, and the RN-BSN Option (see following pages).

The end-of-program student learning outcomes state the graduate of the Bachelor of Science in Nursing Program will:

- incorporate knowledge from the humanities, arts, social, and natural sciences into nursing as a basis for decision making in the delivery of care,
- apply a variety of leadership concepts such as quality improvement, nursing skills, and decision making to provide, coordinate, and oversee safe, quality nursing care,
- apply evidence-based practice and participate in the evaluation of the most current research,
- assimilate data from relevant sources which include technology and patient information systems to plan and document care and adhere to the ethical standards related to data security and confidentiality,
- demonstrate basic knowledge of health care policy including financial and regulatory environments to manage resources and time to achieve patient and organizational outcomes,
- use effective communication and collaboration as a member of the interprofessional health care team to advocate for and provide high quality and safe patient care,
- promote health adaptation and disease prevention for individuals, families, groups, and communities,
- adhere to standards of professional practice and be accountable for his/her own actions and behaviors and provide culturally competent nursing care within legal, ethical, and regulatory bodies,
- be prepared to deliver safe, effective, and efficient nursing care to individuals, families, support systems, groups, communities, and populations across the lifespan in today's complex health care environment.

ABSN Option

A student must successfully complete a total of 122 credit hours to be eligible for graduation; 75 general education credit hours (57 which will have been earned through a previous bachelor's degree and 18 hours of required general education courses specific to nursing) and 47 nursing credit hours. The student will complete the program in three terms: Term I (Summer), Term II (Fall), and Term III (Spring). Graduates of the ABSN Option are eligible to apply to write the NCLEX-RN through the state Board of Nursing in which they plan to practice. The Board of Nursing has the right to deny licensure to practice nursing to individuals guilty of crime, unprofessional conduct, or incompetence. Direct any questions regarding

eligibility to take the licensing examination to the Board of Nursing in the state in which the student wishes to be registered. The specific rules related to eligibility for the licensing may be found as follows: TN Rule 1000-01-.13, (2-5); FL Rule Section 464.008, F.S.; KY Rule 201KAR20:070.

Please be aware that in certain academic programs requiring internship or placement, an additional criminal background check, and an chain of custody urine drug screen (in addition to the one required with the medical profile), may be required by affiliate agencies and organizations. If required, these tests would be at the student's expense.

ABSN Option Admission Requirements

Students must first be admitted to the University before formally applying for admission to the BSN program. Admission to the University, however, does not guarantee admission to the BSN program. Admission to the program is competitive. Factors considered include: cumulative grade point average, ACT/SAT scores, grades/grade point average in required BSN Degree Core Curriculum courses, number of repeated courses and withdrawals, and grade improvement over time. The Admissions Committee will review all applicants' materials. Applicants will be considered based on admission criteria. Interviews may be conducted.

Any omission, false, or misleading information on the application related to prior admission to a nursing school will preclude the student from being considered for admission or will result in the student being dismissed from the program.

Admission criteria for the BSN Option include:

- Admission to LMU.
- Formal application for admission to the CSON ABSN Option Program.
- Satisfactory completion of general education and program course requirements (non-degree holding transfer students may take LNCN 100 and CIVX 300 at any time during the nursing program, or prior to matriculation).
- Submission of official academic transcripts from all postsecondary schools attended.
- Completion of BIOL 230 with lab, BIOL 261 with lab, BIOL 262 with lab, PSYC 221, and MATH 270, with grades no lower than "C".
- Cumulative grade point average (GPA) of 2.75 or higher.
- Completed medical profile form.

Prior to beginning the ABSN nursing program the student must submit:

- A completed physical examination form.
- Evidence of a negative chain of custody urine drug screen and background check.
- Current negative two-step TST or blood assay for Mycobac. Tuberc. with a completed TB Risk Assessment form; Rubella, Rubeola & Mumps titer or documentation of 2 MMR vaccines; Varicella titer or immunization with Varicella vaccine; Flu immunization; COVID immunization; Hepatitis B immunization series; and proof of Tdap booster within the past 10 years.
- Current CPR certification (must be Healthcare provider and include adult, child and infant training).
- Proof of medical insurance coverage.
- Completed and signed Student Essential Functions Form.

Core Curriculum Requirements for Baccalaureate Degree Program

Students enrolled in the ABSN Option of the Accelerated Bachelor of Science in Nursing Program must complete 75 general education credit hours. Students admitted to the program must have earned a Bachelor's Degree (or higher) and will be required to meet the five general education program requirements if not obtained already. These include: PSYC 221, MATH 270, BIOL 230 with lab, BIOL 261 with lab, and BIOL 262 with lab.

No student may begin the ABSN Option until all general education and program requirements are met.

I. Behavioral/Social Sciences

Item #	Title	Credits
PSYC-221	Child and Adolescent Development	3

PSCY 221 is a requirement of the nursing program.

II. Collateral Courses required for BSN Program

Item #	Title	Credits
BIOL-261	Human Anatomy and Physiology I	3
BIOL-261L	Human Anatomy and Physiology I Lab	1
BIOL-262	Human Anatomy and Physiology II	3
BIOL-262L	Human Anatomy and Physiology II Lab	1
BIOL-230	Microbiology	3
BIOL-230L	Microbiology Lab	1
MATH-270	Probability, Statistics	3

ABSN Option

Once the general education requirements specific to nursing have been met, the full-time ABSN student will complete the program in three terms: Term I (Summer), Term II (Fall), and Term III (Spring).

ABSN Option Core Curriculum

Item #	Title	Credits
NURS-324	Concepts and Fundamentals of Professional Nursing for ABSN Students	8
NURS-310	Pharmacology to Prom Adapt	3
NURS-330	Health Assessment	3
NURS-350	Pathophys Ineffect Human Resp	3
NURS-430	Nursing Research	3
NURS-436	Promotion of Psychosocial Adaption for ABSN Students	4
NURS-464	Promotion of Adaption: Care of Young, Middle, and Elderly Adults for ABSN Students	8
NURS-416	Promotion of Adaption in Newborns, Women and Childbearing Families for ABSN Students	4
NURS-426	Promotion of Adaption in Infants, Children, and Adolescents for ABSN Students	4
NURS-465	Population Based Health for ABSN Students	3
NURS-470	Prof Nurs Role Dev/Preceptrshp	4

Note: For courses with a NURS prefix, 1 clock hour of lecture per week for 15 weeks earns 1 credit hour; 3 clock hours of clinical/lab time per week for 15 weeks earns 1 credit hour. In addition, students may only register for a NURS course with the signature of a nursing advisor or the BSN Program Chair on their registration form.

Transfer of Credit for the ABSN Option

Up to 75 credit hours of general education (57 of which will have been earned through previous bachelor's degree and 18 hours of required general education courses specific to nursing) and collateral courses may be transferred into the ABSN program from accredited institutions. All transferred coursework must carry a grade of "C" or better. Credit for Biology, Chemistry, Anatomy, Physiology, and/or Microbiology (including labs for these courses) earned more than eight years ago must be approved by the BSN Program Chair

All transfer credits into the ABSN program must be approved by both the BSN Program Chair and the Dean of the Caylor School of Nursing. No nursing courses will be transferred into the ABSN Program.

Total Credits	122

Bachelor of Science in Nursing (BSN)

Field of Study
Bachelor of Science

The Caylor School of Nursing offers two options to obtain a Bachelor of Science in Nursing (BSN) Degree: the BSN Option and the RN-BSN Option (see following pages).

The end-of-program student learning outcomes state the graduate of the Bachelor of Science in Nursing Program will:

- incorporate knowledge from the humanities, arts, social, and natural sciences into nursing as a basis for decision making in the delivery of care,
- apply a variety of leadership concepts such as quality improvement, nursing skills, and decision making to provide, coordinate, and oversee safe, quality nursing care,
- apply evidence-based practice and participate in the evaluation of the most current research,
- assimilate data from relevant sources which include technology and patient information systems to plan and document care and adhere to the ethical standards related to data security and confidentiality,
- demonstrate basic knowledge of health care policy including financial and regulatory environments to manage resources and time to achieve patient and organizational outcomes,
- use effective communication and collaboration as a member of the interprofessional health care team to advocate for and provide high quality and safe patient care,
- promote health adaptation and disease prevention for individuals, families, groups, and communities,
- adhere to standards of professional practice and be accountable for his/her own actions and behaviors and provide culturally competent nursing care within legal, ethical, and regulatory bodies,
- be prepared to deliver safe, effective, and efficient nursing care to individuals, families, support systems, groups, communities, and populations across the lifespan in today's complex health care environment.

BSN Option

A student must successfully complete a total of 122 credit hours to be eligible for graduation; 62 general education credit hours and 60 nursing credit hours. Graduates of the BSN Option are eligible to apply to write the NCLEX-RN through the state Board of Nursing in which they plan to practice. The Board of Nursing has the right to deny licensure to practice nursing to individuals guilty of crime, unprofessional conduct, or incompetence. Direct any questions regarding eligibility to take the licensing examination to the Board of Nursing in the state in which the student wishes to be registered. The specific rules related to eligibility for the licensing may be found as follows: TN Rule 1000-01-.13, (2-5); FL Rule Section 464.008, F.S.; KY Rule 201KAR20:070.

Please be aware that in certain academic programs requiring internship or placement, an additional criminal background check, and an chain of custody urine drug screen (in addition to the one required with the medical profile), may be required by affiliate agencies and organizations. If required, these tests would be at the student's expense.

BSN Option Admission Requirements

Students must first be admitted to the University before formally applying for admission to the BSN program. Admission to the University, however, does not guarantee admission to the BSN program. Admission to the program is competitive. Factors considered include: cumulative grade point average, ACT/SAT scores, grades/grade point average in required BSN Degree Core Curriculum courses, number of repeated courses and withdrawals, and grade improvement over time. The Admissions Committee will review all applicants' materials. Applicants will be considered based on admission criteria. Interviews may be conducted.

Any omission, false, or misleading information on the application related to prior admission to a nursing school will preclude the student from being considered for admission or will result in the student being dismissed from the program.

Admission criteria for the BSN Option include:

- Admission to LMU.
- Formal application for admission to the CSON BSN Option Program.
- Satisfactory completion of general education and program course requirements (non-degree holding transfer students may take LNCN 100 and CIVX 300 at any time during the nursing program, or prior to matriculation).
- Submission of official academic transcripts from all postsecondary schools attended.
- Completion of BIOL 100, BIOL 230, BIOL 261, BIOL 262, CHEM 100, PSYC 221, MATH 270, and HLTH 210, with grades no lower than "C".
- Cumulative grade point average (GPA) of 2.75 or higher.
- Completed medical profile form.

Prior to beginning the BSN nursing program the student must submit:

- A completed physical examination form.
- Evidence of a negative chain of custody urine drug screen and background check.
- Current negative two-step TST or blood assay for Mycobac. Tuberc. with a completed TB Risk Assessment form; Rubella, Rubeola & Mumps titer or documentation of 2 MMR vaccines; Varicella titer or immunization with Varicella vaccine; Flu immunization; COVID immunization; Hepatitis B immunization series; and proof of Tdap booster within the past 10 years.
- Current CPR certification (must be Healthcare provider and include adult, child and infant training).
- Proof of medical insurance coverage.
- Completed and signed Student Essential Functions Form.

Core Curriculum Requirements for Baccalaureate Degree Program

Students enrolled in the BSN Option of the Bachelor of Science in Nursing Program must complete 62 general education credit hours. Students admitted to the program who have earned a Bachelor's Degree (or higher) will be required to meet the eight general education program requirements if not obtained already. These include: BIOL 100, PSYC 221, CHEM 100, MATH 270, BIOL 230, BIOL 261, BIOL 262, and HLTH 210.

No student may begin the BSN Option, until all general education and program requirements are met. However, students who do not have a Bachelor's degree may take LNCN 100 and CIVX 300 courses at any time during the BSN Program.

General Education

LMU Specific Courses

Item #	Title	Credits
LNCN-100	Lincoln's Life and Legacy	1
CIVX-300	American Civics	2
	General Education - UACT 100	**1**
UACT-100	Strategies for College Success	1
HNRS-100	Honors Perspective & Skills	1

UACT 100 is only required for students entering with no college credit.

I. English Communication

Item #	Title	Credits
ENGL-101	Composition I	3
ENGL-102	Composition II	3
COMM-200	Fundamentals of Speech Communication	3

II. Humanities

Item #	Title	Credits
	2025 General Education - Fine Arts, Humanities, and Ethics (for Baccalaureate Degrees)	**6**

Fine Arts, Humanities, and Ethics

Choose **two** of the following (must have different prefixes, e.g. ART and GEOG):

ART-100	Art Appreciation	3
ART-381	Survey of Art History I	3
ART-382	Surv Art Hist II	3
BUSN-250	Social & Ethical Environment of Business	3
ENGL-240	Literary Forms	3
ENGL-250	Literary History and Culture	3
ENGL-350	Narrative, Healing and the Body	3
GEOG-350	Geography of Religion	3
MCOM-410	Media Law and Ethics	3
MUSC-100	Music Appreciation	3
MUSC-468	Survey of World Music	3
PHIL-100	The Meaning of Life	3
PHIL-200	Introduction to Philosophy	3
PHIL-210	Logic and Critical Thinking	3
PHIL-330	Ethics	3
PHIL-430	Medical Ethics	3
REL-210	Surv Old Testament	3
REL-220	Surv New Testament	3
REL-310	Comparative Religions	3
REL-315	Comparative Christianity	3
THEA-100	Intro to Theatre	3
THEA-340	Survey of Dramatic Literature	3

III. Behavioral/Social Sciences

Item #	Title	Credits
PSYC-221	Child and Adolescent Development	3
	General Education - Social/Behavioral Sciences (for BSN)	**3**
CRIM-105	Introduction to Criminal Justice	3
ECON-212	Principles of Microeconomics	3
GEOG-100	Introduction to Geography	3
GEOG-110	World Regional Geography	3
GEOG-211	Intro to Human Geography	3
GEOG-300	Environmental Geography	3
POLS-320	Comparative Politics	3
PSYC-100	Introduction to Psychology	3
PSYC-222	Adult Development	3
SOCI-100	Introduction to Sociology	3
SOCI-330	Cultural Diversity	3

PSCY 221 is a requirement of the nursing program.

IV. Mathematics

Item #	Title	Credits
	General Education - Mathematics (for BSN)	**6-7**
Choose **one** of the following:		
MATH-110	Reasoning and Problem Solving	3
MATH-115	College Algebra	3
MATH-120	Trigonometry	3
MATH-150	Calculus I	4
AND		
MATH-270	Probability, Statistics	3

MATH 270 is a requirement of the nursing program.

V. History

Item #	Title	Credits
HIST-121	World History to 1500	3
HIST-131	American History to 1877	3
HIST-122	World Hist Since 1500	3
HIST-132	American Hist Since 1877	3

Must take 6 hours of history courses. Courses do not have to be in sequence.

VI. Natural Sciences/Physical Sciences

Item #	Title	Credits
	2024 General Education - Bachelor of Science in Nursing - Natural/ Physical Sciences	**8**

A. Life Sciences

Choose from the following courses (also take the corresponding lab):

BIOL-100	Introduction to Biology	3
BIOL-100L	Introduction to Biology Lab	1
BIOL-111	General Biology I	3
BIOL-111L	General Biology I Lab	1

B. Physical Sciences

Choose from the following courses (also take the corresponding lab):

CHEM-100	Introduction to Chemistry	3
CHEM-100L	Introduction to Chemistry Lab	1
CHEM-111	General Chemistry I	3
CHEM-111L	General Chemistry I Lab	1

VII. Collateral Courses required for BSN Program

Item #	Title	Credits
HLTH-210	Nutrition	3
	BS in Nursing Electives	**2**
BIOL-261	Human Anatomy and Physiology I	3
BIOL-261L	Human Anatomy and Physiology I Lab	1
BIOL-262	Human Anatomy and Physiology II	3
BIOL-262L	Human Anatomy and Physiology II Lab	1
BIOL-230	Microbiology	3
BIOL-230L	Microbiology Lab	1

General Education Proficiency

Required testing and other measures are used to determine the extent to which students achieve the learning outcomes of The Lincoln Liberal Arts Core Curriculum at both the Associates and Baccalaureate levels. Students graduating from an Associate's degree program are tested in the semester of graduation. Students pursuing a baccalaureate degree are tested when enrolled in CIVX 300. Students are strongly encouraged to become familiar with the tests which are used and to perform at their highest level on each of these tests. Students achieving scores and ratings demonstrating achievement more than one standard deviation above the LMU average shall receive a LMU General Education Outstanding Achievement Certificate.

Students pursuing a baccalaureate degree must exceed a minimum score on both the ETS Proficiency Profile exam and the ETS Essay Writing Exam or pay an additional fee of $20 per exam to repeat the necessary exam for which they fall below the achievement level set by the LMU General Education Committee. Results of the repeated test(s) will be used by the LMU General Education Committee to determine if the student has met or exceeded the student learning outcomes of The Lincoln Liberal Arts Core Curriculum. If the student's subsequent results from repeated testing fall below the achievement levels set by the LMU GE Committee, the GE Committee will prescribe a specific remediation plan and mechanisms to demonstrate achievement of The Lincoln Liberal Arts Core Curriculum student learning outcomes. Until that achievement is successfully demonstrated the student will have a No Credit ("NC") grade assigned for CIVX300. The expected levels to demonstrate achievement of The Lincoln Liberal Arts Core Curriculum are: Essay Writing - greater than a rating of 2 and ETS Proficiency Profile – greater than one standard deviation less than the three-year LMU average on this exam. Scores from repeated exams are not included in this average calculation.

BSN Option

The first two years of curriculum consist of general education courses which provide a broad science and liberal arts foundation for nursing theory and clinical practice. Once the general education requirements have been met, the full-time BSN student could complete the program in four sequential semesters: Fall I, Spring, Summer, and Fall II (17 months) at the Cedar Bluff, Chattanooga, Lexington, KY, and Tampa, FL sites. The program at the Harrogate Site is based on traditional semesters and is delivered Fall I, Spring I, Fall II, and Spring II. The Tower Site is traditional with a start date in January and is delivered Spring I, Fall I, Spring II, and Fall II.

BSN Option Core Curriculum

Item #	Title	Credits
NURS-310	Pharmacology to Prom Adapt	3
NURS-320	Concepts/Fund Prof Nurs	7
NURS-330	Health Assessment	3
NURS-340	Found Nurs Informatics	3
NURS-350	Pathophys Ineffect Human Resp	3
NURS-360	Prom Adapt:Young, Mid, Eld	8
NURS-375	Prom Adapt Groups, Commun, Soc	5
NURS-415	Adapt in Newborns & Women	5
NURS-425	Adapt Infants, Child & Adolsc	5
NURS-430	Nursing Research	3
NURS-435	Prom of Psychosocial Adapt	5
NURS-460	Prom Adapt: Adults II	5
NURS-470	Prof Nurs Role Dev/Preceptrshp	4
NURS-480	Senior Nursing Seminar	1

Note: For courses with a NURS prefix, 1 clock hour of lecture per week for 15 weeks earns 1 credit hour; 3 clock hours of clinical/lab time per week for 15 weeks earns 1 credit hour. In addition, students may only register for a NURS course with the signature of a nursing advisor or the BSN Program Chair on their registration form.

Transfer of Credit for the BSN Option

Up to 59 credit hours of general education and collateral courses may be transferred into the BSN program from accredited institutions. All transferred coursework must carry a grade of "C" or better. Credit for Biology, Chemistry, Anatomy, Physiology, and/or Microbiology (including labs for these courses) earned more than eight years ago must be approved by the BSN Program Chair

All transfer credit into the BSN program must be approved by both the BSN Program Chair and the Dean of the Caylor School of Nursing. No nursing courses will be transferred into the BSN Program.

	Total Credits	122-123

School of Medical Sciences

Mission Statement:

The School of Medical Sciences seeks to improve access to high quality health care services to Appalachia and other underserved regions, by supporting quality educational programs and preparing graduates to serve in these communities.

Diversity Statement:

The School of Medical Sciences supports the LMU principles and practices on diversity. As a school of professional health programs, we strive for a community comprised of individuals with, and respect for, varying ideas, strengths, abilities, opinions, experiences and backgrounds for the goal of promoting innovation and vitality while being unwaveringly committed to professionalism and quality.

Medical Laboratory Science

BS in Medical Laboratory Science

Field of Study
Bachelor of Science

Medical Laboratory Science Mission Statement

In conjunction with mission statements of LMU and the School of Medical Sciences, the faculty of the Medical Laboratory Science (MLS) Program strive to instill the highest professional and ethical standards in the preparation of quality medical laboratory scientists through a superior academic program at the undergraduate level. Specifically, the mission of the Medical Laboratory Science Program is to prepare medical laboratory scientists with the Bachelor of Science in Medical Laboratory Science that demonstrates professional competency in the medical laboratory science field, including but not limited to the clinical areas of hematology, immunohematology, clinical chemistry, clinical microbiology, urinalysis, immunology/serology, and laboratory management.

Goals of the Medical Laboratory Science Program:

As a member of the School of Medical Sciences, the Medical Laboratory Science Program seeks to fulfill the following goals:

• Provide a baccalaureate program in Medical Laboratory Science that meets the academic standards of the National Accrediting Agency for Clinical Laboratory Sciences (NAACLS), the State of Tennessee, and LMU.

• Provide conscientious, caring, skilled medical laboratory scientists who are highly capable of comprehending and practicing the science of laboratory medicine.

• Provide an educational background that enables graduates to accept supervisory and teaching positions in the medical laboratory sciences.

Philosophy Statement of the Medical Laboratory Science Program:

It is the philosophy of the program that Medical Laboratory Scientists are essential members of the health care team, and that they provide a valuable diagnostic service to physicians and other medical care providers. We believe that the patient is an individual member of society with rights and privileges, worthy of respect—regardless of age, color, creed, disability, ethnic/national origin, gender, military status, race, religion, or sexual orientation. It is the educational goal of the Medical Laboratory Science Program to provide students with up-to-date medical information and competency skills, to stimulate them to think for themselves, and to give them professional ideals on which to base their future careers.

Medical Laboratory Science is a healthcare career that combines modern laboratory science with medical care. Tests performed in clinical laboratories by medical laboratory scientists assist physicians and other medical care providers in both the diagnosis and the treatment of pathological conditions. Medical laboratory scientists perform and interpret a wide variety of tests, ranging from simple blood glucose tests to advanced molecular diagnostic assays.

The Medical Laboratory Science major leads to the Bachelor of Science degree and is fully accredited by the National Accrediting Agency for Clinical Laboratory Sciences (NAACLS). and the State of Tennessee. NAACLS may be contacted via telephone at 773-714-8880 or at the following address:

5600 N. River Road

Suite 720 Rosemont, IL 60018

Fax: 1-773-714-8886

Web address: www.naacls.org

While attending their Medical Laboratory Science courses students in the Medical Laboratory Science program gain "real world" experience in a variety of clinical settings.

The current clinical affiliates of this program can be found at https://www.lmunet.edu/school-of-medical-sciences/mls/curriculum.

Graduates of this program are eligible to take the American Society for Clinical Pathology Board of Certification Exam (ASCP BOC) and directly enter the workforce in a variety of clinical settings, which may include hospital laboratories, clinic laboratories, and research and development laboratories. Please note that the granting of the Bachelor of Science degree in Medical Laboratory Science is not contingent upon the students passing any type of external certification or licensure examination such as the ASCP BOC exam.

Admission Application Requirements for the LMU Medical Laboratory Science Program:

1. Submission of official academic transcripts from all postsecondary schools attended.

2. Admission to LMU.

3. Formal application for admission to the LMU Medical Laboratory Science Program.

4. Completion and submission of the medical profile physical form and official evidence of a negative urine drug screen. These are to be completed at the applicant's own expense.

5. Satisfactory completion of a minimum of 65 credit hours of general education and collateral science requirements with a cumulative grade point average (GPA) of 2.5 or higher.

6. Completion of 16 credit hours in chemistry including organic chemistry with laboratory and 8 credit hours of the biological science prerequisite requirements. In accordance with the State of Tennessee Medical Laboratory Board, survey, audit, remedial, college level examination program, advanced placement, and clinical courses do not qualify as fulfillment of the chemistry or biology collateral science requirements.

Note: Please be aware that in certain academic programs requiring internship or placement in a medical facility, (including Medical Laboratory Science) a criminal background check and/or an additional chain-of-custody urine drug screen may be required by affiliate agencies and organizations. If required, these tests would be administered at the student's expense.

Progression Policies of the Medical Laboratory Science Program:

1. If a student earns one final grade below a "B" in the first sequence of MEDLS courses, namely MEDLS 301, 310, 320, or 391, the student will be automatically academically dismissed from the MEDLS program. The student may reapply for admission into the program, but it is clearly understood that readmission is not guaranteed. If admitted, the student must repeat the entire the first sequence of MEDLS courses, namely MEDLS 301, 310, 320, and 391.

2. If a student earns one final grade below a "B" in the second sequence of MEDLS courses, namely MEDLS 302, 330, 340, or 392, the student will be placed on academic probation in regards to the MEDLS program and that particular course must be repeated in the next semester BEFORE the student is allowed to continue to the next sequence of MEDLS courses. If the student fails to achieve a final grade of a "B" or higher in the repeated MEDLS course, the student will be automatically academically dismissed from the MEDLS program. The student may reapply for admission into the program, but it is clearly understood that readmission is not guaranteed. If readmitted, the student must restart the program in the first sequence of MEDLS courses, namely MEDLS 301, 310, 320, and 391.

3. If a student earns two or more final grades below a "B" in the second sequence of MEDLS courses, namely MEDLS 302, 330, 340, or 392, the student will be automatically academically dismissed from the MEDLS program. The student may reapply for admission into the program, but it is clearly understood that readmission is not guaranteed. If readmitted, the student must restart the program in the first sequence of MEDLS courses, namely MEDLS 301, 310, 320, and 391.

4. If a student earns a final grade below a "B" in any 400 level MEDLS course, the student is placed on academic probation in regard to the MLS program and that particular course must be repeated BEFORE the student is allowed to continue to the next sequence of MEDLS courses.

5. If a student earns two or more final grades below a "B" in the 400 level MEDLS courses whether in the same semester or different semesters, the student will be automatically academically dismissed from the MLS program. The student may reapply for admission into the program but it is clearly understood that readmission is not guaranteed. If readmitted, the student must repeat the entire program beginning with the first sequence of MEDLS courses, namely MEDLS 301, 310, 320, and 391.

6. No student will be readmitted into the MLS Program more than once.

7. In order to progress in the program, students must successfully complete the Medical Laboratory Science courses in sequence as specified in the LMU Medical Laboratory Science Student Handbook.

8. If the student chooses to interrupt their MEDLS course sequence for any reason (withdrawal from any MEDLS course, withdrawal from LMU, failure to enroll in the next MEDLS course sequence, etc.), this will be considered as an automatic withdrawal from the MLS Program. In this case, the student must begin the application process again and readmission is not guaranteed. If readmitted, the student must repeat the entire program beginning with the first sequence of MEDLS courses, namely MEDLS 301, 310, 320, and 391.

9. Any student with an Incomplete "I" in any MEDLS prefixed course(s) will not be allowed to enroll in subsequent MEDLS courses until the incomplete "I" has been removed from the transcript. "Incompletes" are only given to students who are unable to complete their MEDLS courses due to a properly documented medical illness or injury. If a student is deemed appropriate to receive an "incomplete", all of the required course and/or clinical work must be completed by no later than 30 days after the conclusion of the current term. If the student fails to complete the requirements of that particular course, the student will receive zeros on all missed assignments and their final grade will be calculated accordingly.

Readmission Policy of the Medical Laboratory Science Program:

Consideration for readmission to the MLS program is given on an individual, space-available basis and it should be noted that no student will be readmitted more than once and that all new, first-time applicants will be given priority in terms of admission consideration over readmission applications. All readmission applicants must do the following:

1. Complete the required LMU Medical Laboratory Science Application for Readmission form.

2. Provide evidence of extenuating circumstances at the time of dismissal from the MLS Program during a scheduled interview with the LMU MLS Program Admission Committee, composed of the faculty of the LMU MLS Program.

3. Provide evidence of academic success, i.e., improved GPA and/or in the interim between the last semester of enrollment in the MLS Program and the semester that they are seeking to be readmitted.

General Education

I. LMU Specific Courses

Item #	Title	Credits
UACT-100	Strategies for College Success	1
LNCN-100	Lincoln's Life and Legacy	1
CIVX-300	American Civics	2

***LMU requires all first-time freshman students with less than 15 credits of college credit to complete UACT 100.**

II. Communication

Item #	Title	Credits
COMM-200	Fundamentals of Speech Communication	3
ENGL-101	Composition I	3
ENGL-102	Composition II	3

III. Ethics, Fine Arts, History, or Humanities

Item #	Title	Credits
	2025 General Education - Fine Arts, Humanities, and Ethics (for Baccalaureate Degrees)	**6**

Fine Arts, Humanities, and Ethics

Choose **two** of the following (must have different prefixes, e.g. ART and GEOG):

ART-100	Art Appreciation	3
ART-381	Survey of Art History I	3
ART-382	Surv Art Hist II	3
BUSN-250	Social & Ethical Environment of Business	3
ENGL-240	Literary Forms	3
ENGL-250	Literary History and Culture	3
ENGL-350	Narrative, Healing and the Body	3
GEOG-350	Geography of Religion	3
MCOM-410	Media Law and Ethics	3
MUSC-100	Music Appreciation	3
MUSC-468	Survey of World Music	3
PHIL-100	The Meaning of Life	3
PHIL-200	Introduction to Philosophy	3
PHIL-210	Logic and Critical Thinking	3
PHIL-330	Ethics	3
PHIL-430	Medical Ethics	3
REL-210	Surv Old Testament	3
REL-220	Surv New Testament	3
REL-310	Comparative Religions	3
REL-315	Comparative Christianity	3
THEA-100	Intro to Theatre	3
THEA-340	Survey of Dramatic Literature	3

IV. Behavioral/Social Sciences

Item #	Title	Credits
	2025 General Education - Behavioral/Social Sciences (for Baccalaureate degree)	**3**
BUSN-380	Personal Finance	3
CRIM-105	Introduction to Criminal Justice	3
ECON-212	Principles of Microeconomics	3
ECON-213	Principles of Macroeconomics	3
GEOG-100	Introduction to Geography	3
GEOG-110	World Regional Geography	3
GEOG-211	Intro to Human Geography	3
GEOG-300	Environmental Geography	3
MCOM-270	Social Media Ethics and Culture	3
POLS-100	American Government: National	3
POLS-240	Intro to Political Ideas	3
POLS-250	Introduction to International Relations	3
PSYC-100	Introduction to Psychology	3
PSYC-221	Child and Adolescent Development	3
PSYC-222	Adult Development	3
SOCI-100	Introduction to Sociology	3

V. History

Item #	Title	Credits
	2025 General Education - History	**6**
HIST-121	World History to 1500	3
HIST-122	World Hist Since 1500	3
HIST-131	American History to 1877	3
HIST-132	American Hist Since 1877	3

VI. Mathematics

(*see* **Mathematics Placement**)

Item #	Title	Credits
	2025 General Education - Mathematics (for Baccalaureate degree)	**3**
MATH-110	Reasoning and Problem Solving	3
MATH-115	College Algebra	3
MATH-120	Trigonometry	3
MATH-150	Calculus I	4

VII. Natural Sciences/Physical Sciences

Item #	Title	Credits
	2025 General Education - Natural/Physical Sciences - Bachelor of Science	**8**

A. Life Sciences

Choose from the following courses (also take the corresponding lab):

BIOL-100	Introduction to Biology	3
BIOL-100L	Introduction to Biology Lab	1
BIOL-111	General Biology I	3
BIOL-111L	General Biology I Lab	1
BIOL-112	General Biology II	3
BIOL-112L	General Biology II Lab	1
BIOL-230	Microbiology	3
BIOL-230L	Microbiology Lab	1
BIOL-261	Human Anatomy and Physiology I	3
BIOL-261L	Human Anatomy and Physiology I Lab	1
BIOL-262	Human Anatomy and Physiology II	3
BIOL-262L	Human Anatomy and Physiology II Lab	1
CBIO-230	Forests of Appalachia	4
ENVS-100	Introduction to Environmental Science	4

B. Physical Sciences

Choose from the following courses (also take the corresponding lab):

CHEM-100	Introduction to Chemistry	3
CHEM-100L	Introduction to Chemistry Lab	1
CHEM-111	General Chemistry I	3
CHEM-111L	General Chemistry I Lab	1
CHEM-112	General Chemistry II	3
CHEM-112L	General Chemistry II Lab	1
GEOG-120	Int Phy Geog: Planet Earth	3
GEOG-120L	Int Phy Geog: Planet Earth Lab	1
PHYS-100	Introduction to Physics	3
PHYS-100L	Intro to Physics Lab	1
PHYS-211	General Physics I	3
PHYS-211L	General Physics I Lab	1
PHYS-212	General Physics II	3
PHYS-212L	General Physics II Lab	1
PHYS-251	University Physics I	4
PHYS-251L	University Physics I Lab	1
PHYS-252	University Physics II	4
PHYS-252L	University Physics II Lab	1

***Bachelor of Science degree students must complete 8 hours in the Natural/Physical Sciences section of the General Education Core.**

Required Courses

Item #	Title	Credits
MEDLS-301	Intro Lab Meth, Tech I	1
MEDLS-302	Intro Lab Meth, Tech II	1
MEDLS-310	Hemostasis	1
MEDLS-320	Hematology	4
MEDLS-330	Serology, Immunology	3
MEDLS-340	Immunohematology	4
MEDLS-391	Intermed Clin Pract I	2
MEDLS-392	Intermed Clin Pract II	2
MEDLS-400	Urinalysis, Body Fluids	2
MEDLS-410	Lab Mgmt and Supv	2
MEDLS-451	Clinical Chem I	3
MEDLS-452	Clinical Chem II	3
MEDLS-461	Med Microbiology I	3
MEDLS-462	Med Microbiology II	3
MEDLS-491	Adv Clin Practice I	2
MEDLS-492	Adv Clin Pract II	3
MEDLS-497	Senior Review	3

Collateral Science Requirements

In compliance with the National Accrediting Agency for Clinical Laboratory Sciences (NAACLS), the State of Tennessee Medical Laboratory Board, and national certification agencies such as the American Society for Clinical Pathology (ASCP), the following collateral science courses are required for completion of the BS degree in Medical Laboratory Science:

Item #	Title	Credits
BIOL-111	General Biology I	3
BIOL-111L	General Biology I Lab	1
BIOL-261	Human Anatomy and Physiology I	3
BIOL-261L	Human Anatomy and Physiology I Lab	1
BIOL-262	Human Anatomy and Physiology II	3
BIOL-262L	Human Anatomy and Physiology II Lab	1
CHEM-111	General Chemistry I	3
CHEM-111L	General Chemistry I Lab	1
CHEM-112	General Chemistry II	3
CHEM-112L	General Chemistry II Lab	1
CHEM-221	Organic Chemistry I	3
CHEM-221L	Organic Chemistry I Lab	1

Plus one of the following four credit hour chemistry lecture / lab courses:

Item #	Title	Credits
	CHEM 222/222L	**4**
CHEM-222	Organic Chemistry II	3
CHEM-222L	Organic Chemistry II Lab	1
	CHEM 331/331L	**4**
CHEM-331	Quantitative and Instrumental Analysis I	2
CHEM-331L	Quantitative and Instrumental Analysis I Lab	2

Plus one of the following four credit hour microbiology lecture / lab courses:

Item #	Title	Credits
BIOL-230	Microbiology	3
BIOL-230L	Microbiology Lab	1
	BIOL 336/336L	**4**
BIOL-336	General Microbiology	3
BIOL-336L	General Microbiology Lab	1

Please note that, in accordance with the State of Tennessee Medical Laboratory Board, survey, audit, remedial, college level examination program, advanced placement, and clinical courses do not qualify as fulfillment of the chemistry or biology collateral science requirements.

Recommended Choice of Electives (9 hours)

Item #	Title	Credits
AHSC-300	Medical Terminology	3
BIOL-112	General Biology II	3
BIOL-112L	General Biology II Lab	1
BIOL-315	Molecular Genetics	3
BIOL-315L	Molecular Genetics Lab	1
BIOL-360	Immunology	3
BIOL-441	Biochemistry I	4
HLTH-210	Nutrition	3
HLTH-360	Drug Awareness	3
MATH-270	Probability, Statistics	3
PHYS-211	General Physics I	3
PHYS-211L	General Physics I Lab	1
PHYS-212	General Physics II	3
PHYS-212L	General Physics II Lab	1
PSYC-221	Child and Adolescent Development	3
PSYC-222	Adult Development	3
SOCI-100	Introduction to Sociology	3
	Total Credits	122

Courses

Accounting

ACCT-210 : Financial Accounting

This course is designed to provide introduction to accounting and financial reporting concepts and the importance of financial accounting information in decision-making. It demonstrates the application of the steps in the accounting cycle from analysis of accounting transactions to the preparation of financial statements and takes detailed examination of cash and receivables. The course will enable measurement of business income, merchandizing operations, and financial reporting and analysis of the balance sheet. Prerequisite: MATH 105 or Higher; Fall, Spring.
Credits 3

ACCT-211 : Managerial Accounting

This course examines management accounting and related analytical techniques for decision making and control in manufacturing and service organizations and builds upon the foundation that was established in Financial Accounting. Topics include: Product costing, volume profit analysis, product pricing, activity based costing and standard costing, budgets and budgetary control systems, process streamlining, balanced scorecard, performance evaluation systems for planning, coordinating, and monitoring the performance as well as the social responsibility of a business. Prerequisite: ACCT 210; Fall, Spring.
Credits 3

ACCT-310 : Intermediate Accounting I

This course builds on the fundamentals of financial accounting structure that students learned in Financial Accounting class. It expands more depth to the theories and illustrates issues relating to the theoretical structure of financial accounting and practices. The course content highlights the role of accounting as an Information System and the preparation and interpretation of an entity's financial statement in accordance to Generally Accepted Accounting Principles (GAAP). Topic materials also cover the techniques for evaluating firm performance, and the analysis of the accounts in the four financial statements and corresponding schedules and notes, the review of accounting process, income measurement and profitability analysis, revenue recognition, valuation of inventories, the time value of money concepts, as well as the accounting and reporting of tangible and intangible assets as it pertains to acquisition, disposition, impairment, depreciation, depletion, and amortization of assets. Prerequisite: ACCT 210, Fall.
Credits 3

ACCT-311 : Intermediate Accounting II

This course is a continuation of Intermediate Accounting I which builds on the fundamentals of financial accounting structure that students learned in Financial Accounting theory. The course content provides in-depth illustrations, expanded discussions and analysis on the treatment of contingencies, accounting for Bond and Long-term notes, leases, investments, pensions and other postretirement benefits, accounting for Income taxes accounting changes and error corrections as well as other advanced accounting issues relating to GAAP and IFRS. Prerequisite: ACCT 310, Spring.
Credits 3

ACCT-320 : Cost Management

This course focuses on topics related to the evaluation of performance and business processes (e.g., cost variance analysis, revenue variance analysis, just-in-time inventory systems and computer-integrated manufacturing.) Prerequisite: ACCT 210. Spring.
Credits 3

ACCT-330 : Income Tax

This course addresses the identification of income; income inclusion, exclusions, and deductions; tax calculation; property transaction; business tax accounting; accounting periods; asset acquisition, use and disposition; and partnerships. Prerequisite: ACCT 210. Fall.
Credits 3

ACCT-400 : Advanced Accounting

This course focuses on advanced concepts such as subsidiaries, partnerships, intercompany transactions, mergers and acquisitions and consolidations. Topics include consolidation of financial information, Segment and interim reporting, accounting for legal reorganizations and liquidation. The course emphasizes theories and practices related to understanding debt and equity financing, full disclosure in financial reporting, variable interest entities (VIE), foreign currency transactions and hedging foreign exchange risk, translation of foreign currency financial statements, financial reporting and the SEC. The course also provides preliminary introduction of accounting for government and non-profit entities as well as Estates and Trusts. Prerequisite: ACCT 311. Fall.
Credits 3

ACCT-410 : Governmental & Not-For-Profit Accounting

This course addresses specialized accounting principles applicable to state and local governments and other non-profit organizations. Emphasis is on fund accounting and the auditing principles applied to budgets, appropriations, current funds, bonded indebtedness, and methods of reporting in nonprofit organizations. Prerequisite: ACCT 210; Spring, odd years.
Credits 3

ACCT-420 : International Accounting

This course develops the background for understanding issues in international accounting and business operations in a global setting, making comparisons between U.S. GAAP and IFRS. It covers, among other things, accounting for multinational corporations and business operations, international convergence of financial reporting and standards, comparative accounting, foreign currency translations and financial statements, as well as international taxation, transfer pricing, governance, and international corporate social reporting. Fall odd years
Credits 3

ACCT-430 : Accounting Information Systems

This course provides coverage of issues relating to accounting information systems and technology. The course addresses procedures and methods to capture data and report financial information with an emphasis on the structure, components, and database design of information management systems. Topics include strategic uses and analysis of information systems in business processes and decision making. Prerequisite: ACCT 210. Spring.
Credits 3

ACCT-440 : Auditing

This course addresses the auditing environment as it changes in dramatic ways. Course content reflects clarified auditing standards and PCAOB standards; COSO's internal control-integrated framework, authoritative bodies; auditors' reports; professional ethics; legal liability; planning the audit; internal control; electronic data processing audit sampling; working papers; quality control of CPA firms. Prerequisite: ACCT 210. Fall.
Credits 3

ACCT-498 : Accounting Internship

This course provides undergraduate accounting students with hands-on professional experience through a supervised internship in a government, industry, or nonprofit organization. Students will apply accounting principles and practices to real-world scenarios, enhancing their technical skills, professional knowledge, and understanding of organizational operations.

The internship allows students to explore career paths, develop problem-solving abilities, and build a network of professional contacts. The internship is monitored and evaluated by a faculty sponsor, in verification and close consultation with the supervising representative of the business/agency. LMU retains ultimate control and supervision of the internship. It may be repeated to a total of 9 credit hours applicable to program and/or degree requirements. Prerequisite: approval of instructor.
Credits 1
-3

Allied Health Science

AHSC-300 : Medical Terminology

A comprehensive study of the medical terminology related to all major body systems and their corresponding medical specialties. Definition, interpretation, and pronunciation of medical terms as they relate to health and disease and to communication within the field of healthcare. Fall and Spring.
Credits 3

Appalachian Studies

APPL-321 : S. Highland Horizons

Credits 2

Art

ART-100 : Art Appreciation

A broad introduction to the visual arts, elements of visual form and major principles of visual organization, a survey of art media, and a brief historical survey. *This course meets a General Education Core Curriculum requirement*. Fall and Spring.
Credits 3

ART-105 : 2D and Graphic Design

Studio course. Two-dimensional composition and color are explored in depth through studio exercises and problems. Fall and Spring as needed.
Credits 3

ART-106 : 3D Design

Studio course. Exploration of real space and volume through studio exercises and problems. Exploration of sculptural forms and techniques, from models to finished pieces. Fall and Spring as needed.
Credits 3

ART-110 : Drawing I

Studio course. Development of observation and perception as well as imaginative skills. Basic elements of drawing with line, texture, shapes, value, as well as composition. Fall
Credits 3

ART-140 : Ceramics I

Studio course. Introduction to hand-building methods, throwing techniques on the potter's wheel, and glazing procedures. Fall and Spring.
Credits 3

ART-210 : Drawing II

Studio course. Further exploration and refinement of basic drawing elements and skills with increased emphasis on techniques. Linear perspective examined. Prerequisite: ART 110. Fall
Credits 3

ART-220 : Painting I

Studio course. Introduction to the basic concepts and techniques of painting in oils and/or acrylics. Emphasis on color, form, and composition. Spring
Credits 3

ART-230 : Photography I

Studio course. Includes basic DSLR camera operation, basic digital processing, and elementary photography composition. Fall or Spring as needed.
Credits 3

ART-243 : Ceramics II

Studio Course. Intermediate advancement in hand building methods and throwing techniques; procedures for firing kilns and mixing glazes. May be repeated to a total 6 credit hours applicable to program and/or degree requirements. Prerequisite: ART 140. Fall and Spring as needed
Credits 3

ART-270 : Watercolor

Studio course. Introduction to the basic concepts and techniques of painting with transparent water media. Fall and Spring as needed.
Credits 3

ART-290 : Introduction to Studio Art

Directed at both majors and non-art majors, Introduction to Studio Arts provides a thorough kinesthetic experience of the organizational and visual components between both two-dimensional and three-dimensional mediums. Through an interdisciplinary and an experimental approach, students begin to develop a range of observational, technical, and expressive capabilities. Projects are designed to promote discovery through experimentation and problem solving. Fall and Spring as needed.
Credits 3

ART-310 : Drawing III

Studio course. Development of the expressive potential of the drawing process. Survey of traditional and experimental techniques and subject matter. Prerequisite: ART 210. Fall.
Credits 3

ART-320 : Painting II

Studio course. Continued emphasis on color, form, and composition using oils and/or acrylics. Emphasis on techniques, both traditional and experimental. Prerequisite: ART 220. Spring.
Credits 3

ART-330 : Photography II

Studio course. Advanced techniques for digital photography including camera accessories, photographic composition, special effects, basic photo editing and exhibition prints. Prerequisite Art 230. Fall or Spring as needed.
Credits 3

ART-343 : Ceramics III

Studio course. Competent advancement in hand building methods and throwing techniques; procedures for firing kilns and mixing glazes. May be repeated to a total 6 credit hours applicable to program and/or degree requirements. Prerequisite: ART 243. Fall and Spring as needed.
Credits 3

ART-350 : Printmaking

Studio course. Theory and practice of printmaking as an expressive medium; studio experience in the basic processes of relief, stencil, and intaglio methods. Emphasis given to integration of design, technique, and image. Fall and Spring as needed.
Credits 3

ART-360 : Jewelry Design

Studio course. Exploration of the creative potential of jewelry and three-dimensional objects utilizing traditional work processes as well as contemporary and original approaches to form and function. Fall and Spring as needed.
Credits 3

ART-381 : Survey of Art History I

The major styles and achievements in the visual art of Western civilization from the prehistoric era to the Renaissance. *This course meets a General Education Core Curriculum requirement.* Fall.
Credits 3

ART-382 : Surv Art Hist II

The major styles and achievements in the visual art of Western civilization from the Renaissance to the present. *This course meets a General Education Core Curriculum requirement*. Spring.
Credits 3

ART-382X : Jr Writing Req

Credits 0

ART-395 : Special Topic

Contact professor for specific course description.

ART-400 : Appalachian Art

Exploration and analysis of traditional arts and crafts from the Appalachian region with an emphasis on the techniques and unique characteristics of each. Fall and Spring as needed.
Credits 3

ART-410 : Drawing IV

Studio course. Development of personal style and aesthetic statement. Portfolio and exhibition preparation. Prerequisite: ART 310. Fall.
Credits 3

ART-423 : Painting III/IV

Studio course. Development of personal style and exhibition preparation. May be repeated for a total of 6 credit hours applicable to program and/or degree requirements. Prerequisite: ART 320. Spring.
Credits 3

ART-443 : Ceramics IV

Studio course. Advanced work in hand building methods and throwing techniques; procedures for firing kilns and mixing glazes. May be repeated to a total 6 credit hours applicable to program and/or degree requirements. Prerequisite: ART 343. Fall and Spring as needed.
Credits 3

ART-471 : Art and the Child

The acquisition and demonstration of proficiency in suitable visual art media, theory, and lesson plan preparation and presentation for the elementary school classroom. Fall and Spring as needed.
Credits 3

ART-472 : Art and Adolescent

The acquisition and demonstration of proficiency in suitable visual art media, theory, and lesson plan preparation and presentation for the secondary school classroom. Fall and Spring as needed.
Credits 3

ART-497 : Senior Exhibition

Art 497 is the capstone course for the art major. Students will write a research paper related to their own work and will present selected work for exhibition. Prerequisite: Completion of requirements for the major. Fall and Spring as needed.
Credits 3

ART-497 : Senior Exhibition

Art 497 is the capstone course for the art major. Students will write a research paper related to their own work and will present selected work for exhibition. Prerequisite: Completion of requirements for the major. Fall and Spring as needed.
Credits 3

ART-497Z : Sr Writing Req

Bachelor of Science in Social Work

SOCW-497F : Social Work Field Experience I

Integration of generalist knowledge, values, and skills in preparation for student's transition to professional worker. A supervised work experience in an approved agency setting. Prerequisites: Phase II Admission to Field Experience; Corequisite: SOCW 497F Field Experience II (225 clock hours). Spring.
Credits 5

Behavioral Science

BSCI-085P : Behavioral Science Requirement

This is a placeholder course for 3 credit hours of Behavioral/Social Science. Choose one course from the following: BSCI-100, CRIM-105, ECON-211, ECON-212, GEOG-100, GEOG-110, GEOG-211, GEOG-300, POLS-211, POLS-240, POLS-250, PSYC-100, PSYC-221, PSYC-222, SOCI-100, or SOCI-330. Delete placeholder from student planning timeline, once student is registered in a behavioral/social science course.
Credits 3

Biology and Chemistry

Mission Statement

The Department of Biology at Lincoln Memorial University strives to graduate students who demonstrate a notable command of content knowledge and practical skills in their program area of choice. Degree programs incorporate current methods of scientific inquiry, mastery of terminology, and proficient use of technology in the Life Sciences. Graduates of the Department of Biology are expected to utilize ethical standards in the practice of their profession, to demonstrate an ability to communicate clearly and effectively, and to recognize an appreciation for the value of life-long learning. Department graduates go forward to serve their communities, the region, and humanity as informed voices for the advancement of understanding in the life sciences. Students pursuing a career in medicine, pharmacy, optometry, dentistry, or veterinary medicine should consider taking the pre-health track within the Biology major program.

Department Policy on Course Grades

All students must earn a grade of C– or better in BIOL 111 lecture and lab to enroll in BIOL 112.

All students in a Biology Department major must earn a grade of C– or better in each course required for their major to graduate. This applies to Biology, Biology Pre-Health Professions Track, Biology Professional Secondary Licensure Track, Conservation Biology Research Track, and Conservation Biology Wildlife and Fisheries Management Track.

The grading scale for the Department of Biology is as follows:

A	92.00-100
A-	90.00-91.99
B+	88.00-89.99
B	82.00-87.99
B-	80.00-81.99
C+	78.00-79.99
C	72.00-77.99
C-	70.00-71.99

D+ 68.00-69.99
D 62.00-67.99
D- 60.00-61.99
F <59.99

BIOL-100 : Introduction to Biology

Elementary principles of biology: cell composition, basic genetics, life processes of living organisms, ecological relationships among organisms. Includes plants and animals. Prerequisites: ACT reading score of at least 18 or ACT English score of at least 18 (SAT verbal or writing score of at least 470). If ACT/SAT scores do not satisfy prerequisites then students must successfully complete (C- or better) ENGL 099 before enrolling. Corequisite: BIOL 100L lab, 1 credit hour. *This course meets a General Education Core Curriculum requirement.* Fall and Spring.
Credits 3

BIOL-100L : Introduction to Biology Lab

This is a laboratory-based course designed to reinforces topics presented in the Biology 100 lecture course. Students will use graphing software, analytical instruments, and laptop computers to perform a variety of experiments and exercises. Corequisite: BIOL 100 lecture, 3 credit hours. *This course meets a General Education Core Curriculum requirement.* Fall and Spring.
Credits 1

BIOL-111 : General Biology I

The first part of a two-course sequence covering topics of biological chemistry, biomolecule structure and function, cell organelles, metabolism, Mendelian and molecular genetics. Prerequisites: ACT reading score of 23 (or analogous SAT verbal score), placement in ENG 101 or higher, OR successful completion (C- or better) of BIOL 100. Corequisite: BIOL 111L lab, 1 credit hour. *This course meets a General Education Core Curriculum Requirement.* Fall and Spring
Credits 3

BIOL-111L : General Biology I Lab

This is a hands-on, interactive course designed to provide students with a basic understanding of fundamental biological concepts and techniques. Students will engage in a variety of laboratory exercises that explore topics such as the scientific method, microscopy, and various molecular and cellular processes. Corequisite: BIOL 111 lecture, 3 credit hours. *This course meets a General Education Core Curriculum requirement.* Fall and Spring.
Credits 1

BIOL-112 : General Biology II

The second part of a two-course sequence covering principles of taxonomy and classification, evolution, comparative survey of major phyla, general anatomy and physiology of plants and animals, and ecology. Prerequisites: Successful completion (C- or better) of BIOL 111 with lab. Corequisite: BIOL 112L lab, 1 credit hour. *When taken in sequence with BIOL 111, BIOL 111-112 meet a General Education Core Curriculum requirement.* Fall and Spring.
Credits 3

BIOL-112L : General Biology II Lab

This lab provides students with hands-on activities exploring life diversity, ecology and evolution concepts, microscopes and microbiological techniques, dissection and anatomy, and basic physiological measurements. Students will gain a deeper understanding of these topics and develop basic laboratory techniques. Prerequisites: Successful completion (C- or better) of BIOL 111 with lab. Corequisite: BIOL 112 lecture, 3 credit hour. *When taken in sequence with BIOL 111, BIOL 111/L-112/L meet a General Education Core Curriculum requirement.* Fall and Spring.
Credits 1

BIOL-115 : Gross Anatomy

Students will learn the basics of gross anatomy of the following systems: skeletal, muscular, nervous, circulatory, respiratory, digestive, urinary, and reproductive. Lectures meet two times per week via Canvas live lectures. Corequisite: BIOL-115L lab, 1 credit hour. Fall and Spring.
Credits 3

BIOL-115L : Gross Anatomy Lab

Students will learn the gross anatomy of the following systems: skeletal, muscular, nervous, circulatory, respiratory, digestive, urinary, and reproductive through the use of prosected cadavers. Students will attend one 1.5 hour lab per week at the DCOM medical school. Corequisite: BIOL-115 lecture, 3 credit hour. Fall and Spring.
Credits 1

BIOL-194 : Pre-Health Careers Seminar I

This course offers the student interested in a career in the health care professions exposure to various topics and speakers relevant to different health care fields. Students will explore various health care careers through professional guest speakers and reflective assignments where they explore their values and interests as compared to possible health care career paths. Fall and Spring.
Credits 1

BIOL-224 : Ethics in Life Science Research

This course addresses the field of ethics in biological research. The course will use discussion, readings, and debate to investigate the values, politics, and standards of biological research. The course will introduce students to the philosophy of scientific ethics and modern debate. Topics covered in the course will include animal and human autonomy in research and dissection, handling and collection ethics, invasive vs. noninvasive techniques, as well as land and ecosystem conservation ethics. Prerequisites: Successful completion (C- or better) of BIOL 111 and 112 with labs. Spring
Credits 3

BIOL-230 : Microbiology

The microbial world: emphasis on techniques of studying microbes, isolation and identification of bacteria, and modern methods of molecular techniques used in the study of microbes. Corequisite: BIOL 230L lab, 1 credit hour. This course meets a General Education Core Curriculum requirement. Fall and Spring.
Credits 3

BIOL-230L : Microbiology Lab

This course will introduce students to basic hands-on laboratory skills in microbiology with an emphasis on medical related techniques. The course will cover essential techniques commonly used in microbiology laboratories including microscopy, bacterial isolation, serial dilutions, control of microbial growth, and antibiotic sensitivity. Corequisite: BIOL-230 lecture, 3 credit hours. This course meets a General Education Core Curriculum requirement. Fall and Spring.
Credits 1

BIOL-261 : Human Anatomy and Physiology I

This course is the first of a two-semester sequence of courses addressing the structure and function of the human body and mechanisms for maintaining homeostasis. Emphasis will be given to aspects relevant to medical science. The first semester will focus on anatomical terminology and the anatomy and physiology of cells with relevant biochemistry, tissues, and the integumentary, skeletal, muscular, and nervous systems. Corequisite: BIOL 261L lab, 1 credit hour. *This course meets a General Education Core Curriculum requirement.* Fall.
Credits 3

BIOL-261L : Human Anatomy and Physiology I Lab

This course is the first of a two-semester sequence of courses addressing the structure and function of the human body and mechanisms for maintaining homeostasis. Emphasis will be given to aspects relevant to medical science. The first semester will utilize mammalian dissections, physiological experiments, histological preparations, skeletal and muscular models, and physiological experiments to understand human anatomy. Corequisite: BIOL 261 lecture, 3 credit hours. *This course meets a General Education Core Curriculum requirement.* Fall.
Credits 1

BIOL-262 : Human Anatomy and Physiology II

This course is the second of a two-semester sequence of courses addressing the structure and function of the human body and mechanisms for maintaining homeostasis. Emphasis will be given to aspects relevant to medical science. The second semester will focus on endocrine, cardiovascular, lymphatic, respiratory, digestive, urinary and reproductive systems. The final topic will be discussion of the application of both semesters' topics in the context of human disease. Prerequisite: Successful completion (C- or better) of BIOL 261 and BIOL 261L Lab. Corequisite: BIOL 262L lab, 1 credit hour. *This course meets a General Education Core Curriculum requirement.* Spring

Credits 3

BIOL-262L : Human Anatomy and Physiology II Lab

This course is the second of a two-semester sequence of courses addressing the structure and function of the human body and mechanisms for maintaining homeostasis. Emphasis will be given to aspects relevant to medical science. The second semester will utilize mammalian dissections, physiological experiments, histological preparations, organ models, and physiological experiments to understand human anatomy. Prerequisites: Successful completion (C- or better) of BIOL 261 and BIOL 261L lab. Corequisite: BIOL 262 lecture, 3 credit hours. *This course meets a General Education Core Curriculum requirement.* Spring.

Credits 1

BIOL-290 : Writing in the Life Sciences

This course examines scientific writing and communication for proposals, papers, and posters in the life sciences. Students will examine modern scientific writing, how it differs among scientific fields, and provide weekly critiques of current scientific literature. Pre or Corequisite: ENGL 102. Fall and Spring.

Credits 1

BIOL-294 : Pre-Health Careers Seminar II

In this course, students will examine the requirements and application processes for a variety of health care careers. Topics will include examining core competencies related to health professions, avenues of application, professionalism, personal statements, mock interviews, and developing an academic plan. Guest speakers of current professional students and admissions officers will help students explore the processes. Prerequisite: Sophomore standing or higher. Fall and Spring.

Credits 1

BIOL-310 : Comparative Human and Vertebrate Anatomy

This course focuses on understanding the similarities and differences in the anatomical structure of vertebrates. Emphasis will be given to the human body's form and function with comparison to that of other vertebrates in an evolutionary and environmental context. The following topics will be discussed: vertebrate origins and radiations, developmental anatomy, tissues, and the integumentary, skeletal, muscular, circulatory, respiratory, digestive, urogenital, endocrine, and nervous systems. Prerequisites: Successful completion (C- or better) of BIOL 111 and 112 with labs, CHEM 111 and 112 with labs. Co-requisite: BIOL 310L lab, 1 credit hour. Fall.

Credits 3

BIOL-310L : Comparative Human and Vertebrate Anatomy Lab

This course focuses on understanding the similarities and differences in the anatomical structures of vertebrates. Emphasis will be given to the human body's form and function with comparison to that of other vertebrates in an evolutionary and environmental context. These connections will be demonstrated through dissection of representative vertebrate specimens in conjunction with human models. The following topics will be discussed: tissues and the integumentary, skeletal, muscular, circulatory, respiratory, digestive, urogenital, endocrine, and nervous systems. Prerequisites: Successful completion (C- or better) of BIOL 111 and 112 with labs and CHEM 111 and 112 with labs. Co-requisite: BIOL 310 lecture, 3 credit hours. Fall.

Credits 1

BIOL-315 : Molecular Genetics

Focuses on providing students with a deeper understanding of molecular principles and processes of heredity. Through lecture, case studies, and hands-on activities students will explore gene structure, expression, and regulation; chromosome organization and replication; mutations and DNA repair; and advances in biotechnology. Additionally, Mendelian, non-Mendelian heredity, and population genetics are studied within a molecular context. Prerequisites: Successful completion (C- or better) of BIOL 111 and 112 with labs and CHEM 111 with lab. Corequisite: BIOL 315L lab, 1 credit hour. Fall and Spring.

Credits 3

BIOL-315L : Molecular Genetics Lab

Through scientific inquiry in a partial course-based undergraduate research experience (CURE) students will learn basic molecular biology techniques such as DNA and RNA isolation, PCR, and gel electrophoresis. Students will gain an understanding of the use of model organisms to conduct various experimental lab work including genetic crosses. Prerequisites: Successful completion (C- or better) of BIOL 111 and 112 with labs and CHEM 111 with lab. Corequisite: BIOL 315 lecture, 3 credit hours. Fall and Spring.
Credits 1

BIOL-320 : Principles of Botany

This course examines the anatomy, physiology, reproduction, ecology, and evolutionary history of plants and non-plant organisms traditionally included in "botany" (fungi and photosynthetic eukaryotes and prokaryotes). Prerequisites: Successful completion (C- or better) of BIOL 111 and 112 with labs. Corequisite: BIOL 320L lab, 1 credit hour. Spring.
Credits 3

BIOL-320L : Principles of Botany Lab

This course is a field-based laboratory with a focus on the vegetative community and the assessment of its components. Food preference, species richness, and point-center-quarter method of vegetative assessment procedures are some of the primary topics covered in the laboratory. Prerequisites: Successful completion (C- or better) of BIOL 111 and 112 with labs. Corequisite: BIOL 320 lecture, 3 credit hours. Spring.
Credits 1

BIOL-330 : Field Botany

This course will teach students the characteristics of plant families, botanical terms, dissection techniques, and how to use floral keys and other resources to identify plants. While angiosperms will be the primary focus, gymnosperms and seedless vascular plants will also be examined. Particular focus will be on local flora and plants of the southeastern U.S. Prerequisites: Successful completion (C- or better) of BIOL 111 and 112 with labs. Corequisite: BIOL 330L lab, 1 credit hour. Fall.
Credits 3

BIOL-330L : Field Botany Lab

Students will use field and taxonomic keys to identify plants using a dissecting microscope. Labs will include field trips (on and off campus), specimen collecting, identifying plants to the species level, and the compiling of an herbarium. Prerequisites: Successful completion (C- or better) of BIOL 111 and 112 with labs. Corequisite: BIOL 330 lecture, 3 credit hours. Fall.
Credits 1

BIOL-334 : General Histology

This course focuses on understanding how staining of tissue provides anatomical and pathological information of different structures in the body. These connections will be demonstrated through examination of both digital and physical histological slides. Topics will include understanding the morphology and function of epithelial, connective, muscle, and nervous tissue and understanding how these four tissues function together as part of organs and organ systems. Prerequisites: Successful completion (C- or better) of BIOL 111 and 112 with labs and CHEM 111 and 112 with labs. Spring.
Credits 3

BIOL-336 : General Microbiology

A detailed study of the morphology, physiology, and taxonomy of microorganisms. Topics will include a survey of microorganisms and viruses, in-depth focus on prokaryotic genetics and physiology, anti-microbial methods and strategies, host-parasite interactions, microbial diseases as well as applied and environmental aspects. Prerequisites: Successful completion (C- or better) of BIOL 111 and 112 with labs and CHEM 111 and 112 with labs. Corequisite: BIOL 336L lab, 1 credit hour. Spring.
Credits 3

BIOL-336L : General Microbiology Lab

Laboratory investigations will focus on culturing from multiple sources, techniques for the isolation and identification of major groups of microorganisms, safe handling of bacteria and aseptic practices, and medical diagnostic techniques. Prerequisites: Successful completion (C- or better) of BIOL 111 and 112 with labs and CHEM 111 and 112 with labs. Corequisite: BIOL 336 lecture, 3 credit hour. Spring.
Credits 1

BIOL-340 : Invertebrate Zoology

Survey and comparative studies of the morphology, physiology, and ecology of representative invertebrates. Prerequisite: Successful completion (C- or better) of BIOL 111 and 112 with labs. Corequisite: BIOL 340L lab, 1 credit hour. Fall
Credits 3

BIOL-340L : Invertebrate Zoology Lab

Taxonomic survey of invertebrate biodiversity through a comparative study of invertebrate phylogeny, morphology, and ecology through laboratory and field activities involving representative invertebrates. Prerequisite: Successful completion (C- or better) of BIOL 111 and 112 with labs. Corequisite: BIOL 340 lecture, 3 credit hours. Fall odd years.
Credits 1

BIOL-350 : Entomology

This course introduces the major patterns of diversity among insects and related taxa and provides a foundation for their taxonomy and classification. Through integrated lecture, laboratory, and field experiences, we explore basic biology, natural history, evolution, and ecology of insects as well as the relationships between structure and function across various insect groups. Prerequisites: Successful completion (C- or better) of BIOL 111 and 112 with labs. Pre- or Corequisite: BIOL 370 with lab. Fall even years.
Credits 4

BIOL-360 : Immunology

Principles of inflammation, infection, and immunity in the human organism. Immunoglobulin and blood cell structure; theories of formation, function, and cell cooperation in the immune mechanisms; abnormalities of the immune system. Prerequisites: Successful completion (C- or better) of BIOL 111 and112 with labs and CHEM 111 and112 with labs. Fall
Credits 3

BIOL-365 : General Physiology

This course emphasizes the functions of human physiology and cellular metabolism. The course will cover the regulation and maintenance of homeostasis and the major body systems as well as their functions and physiological interactions. The course will provide an in-depth physiological review of: cardiovascular conduction, oxygen and carbon dioxide metabolism in respiratory and circulatory systems; ion regulation and urinary systems; digestive systems and digestive enzyme functions; and the nervous system and cellular conduction. Prerequisite: Successful completion (C- or better) of BIOL 310 with lab. Corequisite: BIOL 365L lab, 1 credit hour. Spring.
Credits 3

BIOL-365L : General Physiology Lab

In this lab course, experiments will be designed and performed to demonstrate principles of the physiology discussed in lecture. Emphasis will be placed on human physiology systems. Prerequisite: Successful completion (C- or better) of BIOL 111 and 112 with labs and CHEM 111 and 112 with labs. Spring.
Credits 1

BIOL-370 : Ecology

The course examines organisms and their abiotic and biotic interactions in natural and human-impacted environments. The importance of temperature, water, and energy are evaluated in the context of physiology and how this impacts distribution patterns. The effects of competition, predation, herbivory, parasitism, mutualism and commensalism on population and community dynamics are examined in detail. An ecosystems approach is explored and discussed in terms of conservation and natural resource management. The significance of evolutionary processes and life history are explored throughout the semester. Prerequisites: Successful completion (C- or better) of BIOL 111 and 112 with labs. Corequisite: BIOL 370L lab, 1 credit hour. Fall.
Credits 3

BIOL-370L : Ecology Lab

The lab explores organisms and their interactions in natural and human-impacted environments. Through a combination of lab, field, and computer-based activities, students will gain a comprehensive understanding of ecological applications. Activities involve grant writing, study design, presentation skills, data collection techniques, phylogenetics and software, population estimation methods, ecological modeling, spatial analysis, and community ecology. Prerequisites: Successful completion (C- or better) of BIOL 111 and 112 with labs. Corequisite: BIOL 370 lecture, 3 credit hours. Fall.
Credits 1

BIOL-380 : Research Design and Analysis

Builds on students' understanding of scientific research methodologies and statistical analysis techniques. Explores concepts from scientific epistemology, epidemiology, and conservation biology. Utilizing a combination of lectures, readings, discussions, and practical activities, students will have the opportunity to develop the necessary skills to critically analyze scientific literature, design experiments, collect and analyze data, and present research findings. Prerequisite: Successful completion (C- or better) of MATH 270 and BIOL 111 and 112 with labs. Fall and Spring.
Credits 3

BIOL-387 : Jr Pre-Med Science Seminar

Junior pre-health students will gain an understanding of a biomedical topic through the critical analysis of a peer-reviewed published meta-analysis journal article. Students will work with a faculty mentor to develop an analysis of the article. The critique will be summarized and presented in both written and oral forms as part of the university SEWS requirement. Prerequisites: BIOL pre-health major. Successful completion (C- or better) of ENGL 102 or equivalent. Corequisite: BIOL 387X. Fall and Spring.
Credits 1

BIOL-387X : Jr Writing Requirement

This zero credit hour section complements BIOL 387 in which students conduct a critical analysis of a peer-reviewed meta-analysis journal article. Students work with a faculty member to better understand the article and present their analysis in both written and oral formats. This section satisfies the university SEWS requirement. Prerequisite: BIOL pre-health major. Successful completion (C- or better) of ENGL 102 or equivalent. Corequisite: BIOL 387. Fall and Spring.
Credits 0

BIOL-395 : Special Topic

Contact professor for specific course description.
Credits 3

BIOL-397 : Jr. Science Seminar

Students identify a faculty mentor and work with them to develop a proposal for a field or laboratory based research project. Class meetings discuss scientific literature access and the development and writing of a research proposal containing sections appropriate for a professional scientific grant or prospectus including research statement and hypothesis, methods, and anticipated results. Students will obtain appropriate safety certifications to facilitate their ability to conduct research at LMU. Professional development topics such as seeking internships, writing resumes, and mock interviews are discussed. Students present their proposal as a written paper and a poster presentation as part of the university SEWS requirement. Pre- or Co-requisite: BIOL 290. Co-requisite: BIOL397X. Fall and Spring.
Credits 1

BIOL-397X : Jr Writing Req

This zero credit hour section complements BIOL 397 in which students develop a field or laboratory-based research proposal. Students work with a faculty mentor to develop a research statement, hypothesis, methods, and anticipated results. The proposal is presented as a written paper and poster presentation. This section satisfies the university SEWS requirement. Corequisite: BIOL 397. Fall and Spring.

BIOL-410 : Evolution

Evolutionary relationships of taxonomy, embryology, comparative anatomy, genetics, physiology, biochemistry, and geology. Prerequisite: Successful completion (C- or better) of BIOL 111 and 112 with labs. Spring odd years.
Credits 3

BIOL-411 : Advanced Human Anatomy

This course is an intensive undergraduate treatment of focused portions of human gross anatomy with a portion of the course utilizing prosected cadavers. Some human histology and radiology will also be incorporated. Prerequisites: Successful completion (B- or better) of BIOL 310 with lab AND consent of instructor. Spring.
Credits 4

BIOL-430 : Topics in Microbiology

This course will explore contemporary issues in microbiology. Topics may include the microbial pathogenesis and clinical presentation of infectious diseases; microbial food safety; environmental microbiology; or other relevant topics. General information will be presented prior to engaging in in-depth class discussion and analysis. Prerequisites: Successful completion (C- or better) of BIOL 111 and 112 with labs and CHEM 111 and 112 with labs. Fall.
Credits 3

BIOL-441 : Biochemistry I

The first part of a two-course sequence covering topics of thermodynamics, in-depth structure and function of proteins, catalysis, and metabolism of carbohydrates. This includes in-depth treatment of oxidative- and photo-phosphorylation. Prerequisites: Successful completion (C- or better) of BIOL 111 and 112 with labs and CHEM 221 with lab. Fall and Spring.
Credits 4

BIOL-442 : Biochemistry II

The second part of a two-course sequence covering metabolism of lipids, metabolism of nitrogen-containing compounds, and nucleic acid structure, metabolism, and function. BIOL 442L lab, 1 credit hour recommended to be taken concurrently with lecture. Prerequisites: Successful completion (C- or better) of BIOL 441. Spring.
Credits 3

BIOL-442L : Biochemistry II Lab

This lab equips students with essential techniques in modern biochemistry. Emphasis is placed on recombinant protein expression from bacterial systems, protein purification and identification, nucleic acid handling, and spectrophotometry. Students will gain hands-on experience in proper laboratory practices. Prerequisites: Successful completion (C- or better) of BIOL 441. Corequisite: BIOL 442 lecture, 3 credit hours. Spring.
Credits 1

BIOL-450 : Molecular Cell Biology

An advanced molecular study of cell structure and function focused on eukaryotic models. In-depth study and connection of material will be the focus of the course while covering topics such as structure and function of cell organelles, gene expression and regulation, the cell cycle, apoptosis, cell junctions, and cell-cell communication. Prerequisites: Successful completion (C- or better) of BIOL 315 and lab. Spring.
Credits 3

BIOL-460 : Developmental Biology

This course focuses on the molecular and cellular principles behind how a single cell becomes a multicellular organism with specialized tissues and organs. Emphasis will be given to model organisms to understand the underpinnings of developmental mechanisms and how this relates to human disease and adult anatomy. Topics will include: the origin and roles of stem and progenitor cells in development and maintenance of specific organ systems; the roles of cell shape change, cell death, proliferation, and migration in generating shape of embryo, organs, and tissues; and the mechanisms by which cells become different from and communicate with one another to coordinate their activities in time and space in embryo. Prerequisite: Successful completion (C- or better) of BIOL-310 with lab and BIOL-315 with lab. Fall.
Credits 2

BIOL-483 : Research in Biology

Students conducting an approved laboratory or field research project in the life sciences under the supervision of a faculty mentor. The student is required to complete 30 hours of work for each credit hour enrolled. The course may be repeated for a maximum 6 total credit hours toward degree requirements. Prerequisite: Consent of faculty mentor. Fall/Spring/Summer.
Credits 1
-3

BIOL-487 : Senior Pre-Med Science Seminar

Senior pre-health students will develop a paper based research project to investigate a biomedical related topic of their choosing. Students will create a research statement, identify peer-reviewed publications related to their topic, and conduct a mini meta-analysis. Major findings will be presented in both written and oral forms as part of the university SEWS requirement. Prerequisites: BIOL pre-health major and successful completion (C- or better) of BIOL 387. Corequisites: BIOL 487Z. Fall and Spring.
Credits 1

BIOL-487Z : Sr Writing Requirement

A zero credit section for senior pre-health students enrolled in BIOL 487. Under the guidance of a faculty mentor, students will create a research statement, identify peer-reviewed publications related to their topic, and conduct a mini meta-analysis. Major findings will be presented in both written and oral forms. This section serves as the university SEWS requirement. Prerequisites: BIOL pre-health major and successful completion (C- or better) of BIOL 387. Corequisites: BIOL 487. Fall and Spring.

Credits 0

BIOL-495 : Spec Topic Biology

A Special Topic course (195, 295, 395, 495) is a limited time offering, by an Academic Department, of a course not listed in the undergraduate catalog. Special Topic courses are designed and offered by full-time faculty members and provide an opportunity to (a) offer a course that addresses a recently emerging issue, (b) pilot a course before submission for approval as a regular offering in the undergraduate programs course catalog, and/or (c) provide a limited offering of a topical course to enrich and expand offerings based on current student and faculty interest. Special Topic courses must be approved by (a) the department chair and (b) the school Dean. The Course Approval Form documenting departmental and school approval, as well as the course syllabus, will be archived in the Dean's Office. Special Topic courses cannot be used as course equivalent substitutions for satisfying LMU's General Education Core Curriculum requirements. The Department Chair can approve a Special Topic course as an elective toward a major. A Special Topic course can be taught as many as three times before it must be submitted to Academic Council for consideration as a regular course offering to be published in the Undergraduate Programs Catalog.

Credits 1

-3

BIOL-497 : Senior Science Seminar

Students enroll in this seminar at the completion of their proposed field or laboratory based research project that was developed in BIOL 397 and conducted under the supervision of their faculty mentor. Class meetings discuss the writing of the results and discussion sections appropriate for a professional scientific manuscript. Professional development topics such as seeking internships, obtaining employment, applying to graduate/professional school, writing resumes, and mock interviews are discussed. Students present their findings as a written paper and an oral presentation as part of the university SEWS requirement. Prerequisites: Successful completion (C- or better) of BIOL 397. Corequisite: BIOL 497Z. Fall and Spring.

Credits 1

BIOL-497Z : Sr Writing Req

A zero credit hour course in which students enroll as part of BIOL 497. Students enroll in this seminar at the completion of their proposed field or laboratory based research project that was developed in BIOL 397 and conducted under the supervision of their faculty mentor. Students work with the faculty mentor to present their findings as a written paper and an oral presentation. This fulfills the university SEWS requirement. Prerequisites: Successful completion (C- or better) of BIOL 397. Corequisite: BIOL 497. Fall and Spring.

BIOL-498 : Internship in Biology

Staff/apprentice work experience at an approved business/agency directly related to biology. Each credit hour earned requires 60 hours of logged, on-duty work. The student must submit a written report or journal at the conclusion of the internship. The internship is monitored and evaluated by a faculty sponsor, in verification and close consultation with the supervising representative of the business/ agency. (Lincoln Memorial University retains ultimate control and supervision of the internship.) Prerequisites: at least Junior classification and approval of the Department Chair. Fall, Spring, Summer as needed.

Credits 1

-6

Business

BUSN-100 : Introduction to Business

This course will provide a fundamental working knowledge of the varied aspects of business and prepares students for future studies in more specialized topics within the subject area. Students will increase their awareness of the overall environment and function of business as well as observe its contributions to society. This course also covers communication technology, globalization, and business ethics. Fall

Credits 3

BUSN-250 : Social & Ethical Environment of Business

This course is designed to provide an examination of ethical issues in business and provide a foundation for decision making involving contemporary organizational challenges. Decision-making frameworks and approaches will examine and explore social and ethical environment of business dilemmas and at the personal, group, organizational and societal levels. Student engagement in real-world applications to understand ethical concepts, personal integrity, individual conscience and company loyalty and responsibility conflicts as these impact the decision process within the functional areas of business. This course meets a General Education Core Curriculum Requirement.

Credits 3

BUSN-260 : Business Analysis Tools

This course prepares students to complete a case analysis involving financial function and formula development, information filtering, sorting and information extraction strategies, what-if analysis, complex problem solving, macros and Visual Basic utilization, and general project development guidelines. Students gain experience working in Microsoft Office and Excel to enhance information technology competencies. Fall, Spring.

Credits 3

BUSN-270 : Business Statistics

This course addresses the topics of the logic and application of standard statistical tests in the analysis of data. Prerequisite: MATH 105 or higher. Fall, Spring.

Credits 3

BUSN-350 : Business Communications

This course deals with oral and written communications topics, and the application of theory to the composition of business communications. Prerequisite: ENGL 110. Fall, Spring

Credits 3

BUSN-350X : Junior Writing Requirement

Credits 0

BUSN-380 : Personal Finance

This course provides a comprehensive examination of personal financial planning issues, including money management, taxes, consumer credit, insurance, investments, retirement planning, and other consumer decisions. The goal is to teach the fundamentals of financial planning to help individuals make informed choices relating to spending, saving, borrowing, and investing. A financial calculator, excel and the internet will be used extensively in the course. No pre-requisites required. This course meets a General Education Core Curriculum Requirement. Spring.

Credits 3

BUSN-410 : Contract Law I

Includes case law study of mining, water, timber, and environmental law, addressing Federal and Indian water rights doctrines, and the emergence of Federal and State environmental law and policy, specifically addressing how water and environmental law interface with and impact each other. There will also be emphasis on the role of the mining land negotiator including lands available for mining, surface inspections, private and public leasing, negotiation and land maintenance. Spring

Credits 3

BUSN-424 : Artificial Intelligence (AI) Literacy for Business

This course provides knowledge of Artificial Intelligence (AI) to foster literacy in various business functions. Students will learn what AI is and how AI technologies are being leveraged to improve business processes. The course emphasizes understanding the capabilities and limitations of AI systems, as well as their potential impact on business strategies. Prerequisite: Junior or Senior status.
Credits 3

BUSN-440 : Legal Issues in Business

This course provides a survey of a number of areas of law affecting the coduct of business. Foundational information about the U.S. legal system and dispute resolution provides an understanding of the business role and responsibilities within the environment, identifies issues, and recognizes potential legal problems. The course will provide the student a practical understanding of how the law operates and the legal rights and responsibilities of parties involved in a transaction. The development of improved reasoning and problem-solving skills in an organization or individual works and be able to incorporate this knowledge into a business decision making process. Topics include: (a) the foundations of American law; (b) overview of courts and procedures; (c) torts, criminal law, and cyberlaw; (d) essentials of contract, negotiable instruments and agency law; (e) debtor-creditor relationships; (f) forms of business organizations; (g) labor and employment law; (h) employment discrimination. Spring, Fall.
Credits 3

BUSN-440Z : Senior Writing Requirement

Credits 0

BUSN-450 : Business Strategy

This is a capstone course drawing together tools from all business functional areas. This course develops systematic and analytical skills in strategy formulation and effective problem solving. Pre-requisites: Senior Status or permission of instructor. Fall, Spring
Credits 3

BUSN-460 : Managerial Finance

This course develops student skills in basic financial analysis tools including capital budgeting, ratio analysis, interest rates, and risk analysis. Prerequisites: ACCT 210, 211; Junior status. Fall
Credits 3

BUSN-498 : Internship in Business

Provides personal hands-on experience in the energy industry by combining the traditional academic classroom concepts with practical experience gained through the internship, such as titles searches. Proficiency in keyboarding and basic computer skills are expected for the work performed in an internship. (Repeatable up to 9 hours Fall, Spring, Summer

Business Analytics

BSAN-300 : Fundamentals of Business Analytics

This course covers key concepts related to predictive and prescriptive analytics by combining information technologies and statistical techniques to extract meaning from organizational data. The course includes hands-on work with data and software. Topics covered include data manipulation, decisions under uncertainty, and decision analytics tools (linear and nonlinear optimization). Students apply predictive and prescriptive analytics techniques in order to understand the business environment and guide business-related decisions. Fall even years. Prerequisite: BUSN 260 Business Analysis Tools; must be a junior or senior or have permission from the instructor.
Credits 3

BSAN-314 : Statistics for Analytics

Statistics for Business Analytics covers fundamental statistical concepts and terms relevant to business analytics, providing a comprehensive overview of the role of statistics in business decision-making. Students will learn to describe and explain statistical methods, interpret data using descriptive and inferential techniques, and apply these techniques to real-world business scenarios. Through the course, students will analyze business data to identify trends, patterns, and relationships, using time series analysis, correlation, and other statistical methods. The course introduces the development and interpretation of predictive models using regression analysis. Fall even years.
Credits 3

BSAN-340 : Business Visualization & Reporting

Data Visualization & Reporting introduces best practices in data visualization for more effective reporting of analytical results in a business context. Students learn analytical methods and technologies used to create dashboards and scorecards for more effective communication of patterns and relationships in data. In this course, effective design of data visualizations, choice of chart type, and the effective use of color and other design characteristics are covered. The course covers both the principles of data visualization, methods and tools used to visualize insights from data, and strategies for the effective communication and reporting of data-based insights. Spring odd years.
Credits 3

BSAN-440 : Predictive Modeling & Prescriptive Analytics

Predictive Modeling & Prescriptive Analytics provides students with skills applying more advanced predictive and prescriptive analytic techniques utilized in business analytics. In the predictive analytics domain, the focus is on the use of statistical and machine learning techniques to predict or forecast future outcomes. Topics include multiple regression analysis and more advanced hypothesis testing techniques. In the prescriptive analytics domain, the focus is on the use of data-driven models to prescribe the best action plan given a set of conditions or a problem situation. Topics will include spreadsheet modeling, optimization models, simulation, and an introduction to additional machine learning algorithms. The emphasis is on model formulation and interpretation of results. The course covers a wide range of predictive and prescriptive methods that are widely used across the various functional areas of business. Spring even years.
Credits 3

BSAN-460 : Data Mining

Data Mining provides an overview of the principles and techniques of data mining. Data mining is the science of discovering structures and making predictions in large, complex data sets. The course introduces the basic concepts, principles, methods, implementation techniques, and applications of data mining, with a focus on two major data mining functions, pattern discovery and cluster analysis. Topics covered include the data mining process, data preprocessing, data mining techniques, and data mining evaluation. Fall odd years.
Credits 3

BUSN-344 : Project Management for Improving Business Systems

Project Management for Improving Business Systems provides students with the essential skills and methods required to manage projects successfully within the organization. The curriculum aligns with the Project Management Institute's (PMI's) A Guide to the Project Management Body of Knowledge (PMBOK Guide) and offers a comprehensive overview of the four phases of project management: defining, planning, executing, and closing. Students will learn to evaluate and prioritize projects, identify and assess risks related to project-based improvement initiatives, allocate human and technical resources, and evaluate the quality of project deliverables against predefined standards. Fall.
Credits 3

BUSN-444 : Analytical Programming for Business

Analytical Programming for Business provides a foundation in programming logic, techniques, and analytical methods. The course employs modern programming languages and tools, such as Python and R, to develop scalable programming solutions to business-related problems. This course focuses on the practical applications of programming such as interaction with data sources, data preparation, processing data with logical operations, analyzing the data to conclude insights, and visualizing and reporting the data. The student will also learn to debug code, manipulate data structures and prepare data for analysis, automate workflows, and apply foundational statistical, data visualization, and machine learning techniques. Fall.

Prerequisite: must be a junior or senior or have permission from the instructor.
Credits 3

BUSN-445 : Applied Problem-Solving for Business Systems

Applied Problem-Solving for Business Analysis introduces business students to the use of quantitative tools and structured methods for effective data-based problem solving and decision analysis. The course develops skills necessary to formulate, evaluate, and communicate solutions based on evidence and data. It covers the four major stages of problem solving - problem identification and definition, developing theories and hypotheses relationships, analyzing data and evidence to validate or invalidate causal theories, and effectively communicating recommended solutions. The focus is on business process improvement and provides an overview of some of the common systematic approaches for business problem solving used in the investigation of relationships with data. Spring.
Credits 3

Chemistry

CHEM-100 : Introduction to Chemistry

This course provides students with an introduction to the basic principles of modern chemistry. The course uses real world applications such as ozone depletion, air and water quality, nuclear power, and the pharmaceutical industry to introduce the essential concepts of modern chemistry. Co-requisite: CHEM 100 Lab, 1 cr. hr. *This course meets a General Education Core Curriculum requirement.* Fall, Spring
Credits 3

CHEM-100L : Introduction to Chemistry Lab

This laboratory course introduces students to the main experimental methods used in a modern chemistry lab at a level appropriate for the non-science major. Specific topics/experiments include: chemical safety and hygiene, the operation of balances, volumetric, gravimetric, and instrumental methods of analysis, synthetic chemistry, graphical analysis of the ideal gas laws and an introduction to polymer chemistry. This course can be taken concurrently with CHEM 100 lecture or after successful completion of the CHEM 100 lecture with a grade of C- or better. *This course meets a General Education Core Curriculum requirement.* Fall and Spring
Credits 1

CHEM-111 : General Chemistry I

Study of atoms and molecules. Emphasized topics include bonding, stoichiometry, thermochemistry, quantum theory and ideal gases. Prerequisite for enrollment in CHEM 111 is (1) a Math ACT of 21 or higher or (2) successful (C- or better) grade in Math 105, Math 115, or Math 120. Corequisite: CHEM 111 lab, 1 credit hour. *This course meets a General Education Core Curriculum requirement.* Fall.
Credits 3

CHEM-111L : General Chemistry I Lab

This laboratory course introduces students to the main experimental methods used in a modern chemistry lab at a level appropriate for the science or pre-professional major. Specific topics/experiments include: chemical safety and hygiene, the operation of balances, volumetric, gravimetric, and instrumental methods of analysis, synthetic chemistry, graphical analysis of the ideal gas laws and an introduction to polymer chemistry. In addition, emphasis is placed on manual and computer graphing skills, stoichiometry and the critical interpretation of collected experimental data. This course can be taken concurrently with CHEM 111 lecture or after successful completion of the CHEM 111 lecture with a grade of C- or better. *This course meets a General Education Core Curriculum requirement.* Fall

Credits 1

CHEM-112 : General Chemistry II

Study of atoms and molecules. Emphasized topics include (1) the properties of solids, liquids and solutions, (2) equilibrium, (3) kinetics, (4) acid-base chemistry, (5) thermodynamics, (6) electrochemistry, and (7) nuclear chemistry. Prerequisite for enrollment in CHEM 112 is successful completion of CHEM 111 with a grade of C- or better. Co-requisite: CHEM-112 lab, 1 credit hour. Spring.

Credits 3

CHEM-112L : General Chemistry II Lab

This laboratory course introduces students to the main experimental methods used in a modern chemistry lab at a level appropriate for the science or pre-professional major. Specific topics/experiments include: chemical safety and hygiene, use of pH meters to generate titration curves, determination of equilibrium constants, study of chemical kinetics via colorimetric methods, constructing basic electrochemical cells, analysis of bleach via an oxidation-reduction reaction, and an introduction to nuclear chemistry. In addition, emphasis is placed on manual and computer graphing skills, stoichiometry and the critical interpretation of collected experimental data. This course can be taken concurrently with CHEM 112 lecture or after successful completion of the CHEM 112 lecture with a grade of C- or better. Spring.

Credits 1

CHEM-221 : Organic Chemistry I

Study of the compounds of carbon. The common organic functional groups with emphasis on structure, properties, reactions, synthesis, and mechanism. Co-requisite: CHEM 221 lab, 1 credit hour. Prerequisite for enrollment in CHEM 221 is successful completion of CHEM 112 with a grade of C- or better. Fall.

Credits 3

CHEM-221L : Organic Chemistry I Lab

Students will learn basic techniques and physical analysis methods in the organic chemistry lab. These techniques include separation, purification, acid-base extraction, thin-layer chromatography(TLC), melting point, gas chromatography, simple distillation and refractive index. These techniques will be applied to the separation of mixtures and to the analysis of synthesized molecules. This course must be taken concurrently with the CHEM 221 lecture or after the successful completion of CHEM 221 with a grade of C- or better. Fall.

Credits 1

CHEM-222 : Organic Chemistry II

Study of the compounds of carbon. The common organic functional groups with emphasis on structure, properties, reactions, synthesis, and mechanism. Co-requisite: CHEM 222 lab, 1 credit hour. Prerequisite for enrollment for CHEM 222 is the successful completion of CHEM 221 with a grade of C- or better. Spring.

Credits 3

CHEM-222L : Organic Chemistry II Lab

Students will perform reactions that demonstrate the concepts of electrophilic aromatic substitution, addition to carbonyls, and alpha-carbon chemistry. Students will learn how to perform spectroscopic analysis of molecules to determine their structure. This course must be taken concurrently with the CHEM 222 lecture or after successful completion of the CHEM 222 lecture with a grade of C- or better. Prerequisites are the completion of CHEM 221 and CHEM 221L with grades of C- or better. Spring.

Credits 1

CHEM-310 : Mathematical Methods in Chemistry

A course designed to give the student sufficient background in mathematical methods required for completion of the analytical, physical, and inorganic chemistry sequences. Course discussion will include review of transcendental functions, differential and integral calculus, numerical methods, linear algebra, differential equations and functions of several variables. (This course may also be taken as MATH 310). Prerequisite: MATH 250 (or equivalent) with a grade of C- or better. Highly recommended: MATH 255. May not be taken to fulfill requirements for the Math major or minor. Spring as needed.
Credits 3

CHEM-331 : Quantitative and Instrumental Analysis I

Basic theory and practice of quantitative and instrumental chemical analysis and chemical equilibrium. Laboratory work covering gravimetric, instrumental, and volumetric analyses. Prerequisite for enrollment in CHEM 331 is successful completion of CHEM 221 with a grade of C- or better. Co-requisite: CHEM 331 lab, 2 credit hours. Fall.
Credits 2

CHEM-331L : Quantitative and Instrumental Analysis I Lab

This laboratory course is the first in the analytical chemistry sequence. You will be trained in the tools of quantitative analysis to determine the composition of synthetic and real-world samples, including software tools, balances, and volumetric glassware. You will perform various kinds of classical analyses including titrations (with neutralization, precipitation, or complex-formation reaction chemistries), and gravimetric determinations. You will also be introduced to simple instrumentation like pH probes and drop counters. This course must be taken concurrently with CHEM 331 lecture. Prerequisite is the completion of CHEM 222 with a grade of C- or better. Fall.
Credits 2

CHEM-332 : Quantitative and Instrumental Analysis II

Basic theory and practice of quantitative and instrumental chemical analysis and chemical equilibrium. Laboratory work covering gravimetric, instrumental, and volumetric analyses. Prerequisite for enrollment in CHEM 332 is successful completion of CHEM 331 with a grade of C- or better. Co-requisite: CHEM 332 lab, 2 credit hours. Spring.
Credits 2

CHEM-332L : Quantitative and Instrumental Analysis II Lab

This laboratory course is the second in the analytical chemistry sequence. You will continue the laboratory course with further titrimetric analyses (redox chemistry), and then be introduced to operation of chemical instrumentation including spectrometers (Colorimeters, UV-visible, FTIR, fluorometer, AAS), chromatographs (GC), and electrochemical (pH, potentiostat/galvanostat). You will use the instruments for qualitative and quantitative determinations of synthetic and real-world samples. This course must be taken concurrently with CHEM 332 lecture. Prerequisite is the completion of CHEM 331 and CHEM 331L with grades of C- or better. Spring.
Credits 2

CHEM-395 : Special Topic

Special Topics Courses are occasionally offered based on varied topics in chemistry not available in regular courses. Prerequisites vary depending on the course design and include the consent of the instructor. Offered based on demand.
Credits 1
-3

CHEM-397 : Jr. Science Seminar

The student plans a science topic inquiry, either through original or library research. Requires a progress report or literature review paper and oral presentation of findings. Spring and Fall
Credits 1

CHEM-397X : Jr Writing Req

This zero credit hour section compliments CHEM 397 in which students plan a science topic inquiry, either through original or library research. Requires a progress report or literature review paper and oral presentation of findings. This section satisfies the university SEWS requirement. Corequisite: CHEM 397. Fall.

CHEM-451 : Physical Chemistry I

Energy relationships in chemical reactions; elementary quantum mechanics of chemical systems; elementary chemical kinetics. Prerequisite for enrollment in CHEM 451 is successful completion of CHEM 112 with a grade of C- or better. Co-requisite: CHEM 451 lab, 1 credit hour. Fall.
Credits 3

CHEM-451L : Physical Chemistry I Lab

This laboratory course is the first in the physical chemistry sequence. Students will apply previous knowledge on laboratory safety and hygiene, balances, analytical glassware, and software tools to experiments pertaining to the gas laws, thermodynamic topics such as calorimetry and heat capacity, and conductivity titrations. This course must be taken concurrently with CHEM 451. Prerequisite: successful completion of CHEM 112 with a grade of C- or better. Fall.
Credits 1

CHEM-452 : Physical Chemistry II

Energy relationships in chemical reactions; elementary quantum mechanics of chemical systems; elementary chemical kinetics. Prerequisite for enrollment in CHEM 452 is the successful completion of CHEM 451 with a grade of C- or better. Co-requisite: CHEM 452 lab, 1 credit hour. Spring.
Credits 3

CHEM-452L : Physical Chemistry II Lab

This laboratory course is the second in the physical chemistry sequence. Students will continue applying previous knowledge of laboratory safety and hygiene, balances, analytical glassware, and software tools to experiments that involve elementary chemical kinetics, energy relationships in chemical reactions, and elementary quantum mechanics of chemical systems through computational methods. This course must be taken concurrently with CHEM 452 lecture. Prerequisite: successful completion of CHEM 451 and CHEM 451L with grades of C- or better. Spring.
Credits 1

CHEM-460 : Inorganic Chemistry

Use of the periodic table to show variation of physical and chemical properties of the elements. Elements studied as families. Properties such as acid-base, redox, and coordination compounds are related to the position of the element in the periodic table. Prerequisite is the successful completion (grades of C- or better) of CHEM 111 and CHEM 112. It is highly recommended to have successfully completed CHEM 310 and CHEM 451. Spring, even years.
Credits 3

CHEM-483 : Research in Chemistry

Scientific laboratory research methods. Approved research project and written report required. May be repeated to a total 6 credit hours applicable to degree requirements. Prerequisite for enrollment is the consent of faculty supervisor. Fall/Spring as needed.
Credits 1
-3

CHEM-497 : Senior Science Seminar

Methods of literature search and sources of information in the sciences. Requires a research paper on a topic in chemical science. Prerequisite: completion of all 300-level program requirements. Spring and Fall
Credits 1

CHEM-497Z : Sr Writing Req

This zero credit hour section compliments CHEM 497 in which students complete a research paper on a topic in chemical science. Requires both a research paper and oral presentation of findings. This section satisfies the university SEWS requirement. Corequisite: CHEM 497. Spring.

CHEM-498 : Internship in Chemistry

Staff/apprentice work experience at an approved business/agency directly related to chemistry. Each credit hour earned requires 60 hours of logged, on-duty work. The student must submit a written report or journal at the conclusion of the internship. The internship is monitored and evaluated by a faculty sponsor, in verification and close consultation with the supervising representative of the business/agency. Lincoln Memorial University retains ultimate control and supervision of the internship. Prerequisites for the course are at least Junior classification and approval of the director of the Chemistry Program. Fall/Spring as needed

Credits 1

-6

Civics

CIVX-300 : American Civics

American Civics will provide students with a working knowledge of American political, government and economic systems. Areas of knowledge that will be advanced include policy making, political decision make, the U.S. Constitution (and other founding documents), and economic systems. There will be discussions and debates on how values impact decisions made by Congress, the president and the courts. Fall and Spring. Prereq: LNCN 100

Credits 2

CIVX-310 : American Civics, Honors

This course is an advanced introduction and practice of American Civics. Civics courses provide students with a working knowledge and understanding of our American political, government, and economic systems. Areas of this discipline that will be addressed include policymaking, political decision making, the U.S. Constitution (along with other founding documents), and world economic systems. There will be discussions and debates on how values impact decisions made by Congress, the President, and the Courts. This is an honors course that takes the place of CIVX-300. It addresses many of the same topics in that course, but with advanced requirements in outside reading, research, and group-based project learning. This course meets a General Education Core Curriculum requirement. Spring.

Credits 2

Civil Engineering

CE-200 : Land Surveying

This course introduces key surveying concepts, including coordinates, directions, distances, elevations, and Global Navigation Satellite Systems (GNSS). Students will perform calculations for traverses, boundary surveys, and differential leveling. Additional topics include the national rectangular coordinate systems, property descriptions, and interpretation of topographic surveys for cut and fill calculations in earthwork estimation. The course concludes with practical applications of horizontal and vertical curve layout techniques. Co-requisite: CE200L Land Surveying Lab

Credits 3

CE-200L : Land Surveying Lab

This lab course provides hands-on experience in fundamental surveying techniques and tools. Topics include pacing and taping for distance measurement, differential leveling using auto levels, and traverse procedures to determine bearings, distances, coordinates, and area. Students will also conduct resectioning and determine remote object elevations using total stations, develop topographic maps, and gain practical experience with Global Navigation Satellite Systems (GNSS) using RTK rovers. Co-requisite or Pre-requisite: CE200 Land Surveying

Credits 1

CE-220 : CE Materials

This course focuses on the evaluation and characterization of materials used in civil engineering construction. Topics include the physical and mechanical properties of typical construction materials. Emphasis is placed on understanding material behavior, industry testing standards, and specifications to assess performance and suitability for construction applications. Students will gain foundational knowledge for selecting and testing materials to meet engineering design requirements. Co-requisite: CE220L CE Materials Lab

Credits 3

CE-220L : CE Materials Lab

This lab course provides hands-on experience in evaluating and characterizing materials used in civil engineering construction. Students will conduct experiments to assess the physical and mechanical properties of typical construction materials. Emphasis is placed on applying industry testing standards and specifications to evaluate material behavior, performance, and suitability for construction applications. Through practical exercises, students will develop the skills needed to test and analyze materials for engineering design and construction projects. Co-requisite or Pre-requisite: CE220 CE Materials

Credits 1

CE-311 : Structural Analysis

This course covers the analysis of determinate and indeterminate structures, including beams, trusses, and frames. Topics include deflection calculations, the principle of superposition, influence lines, and the behavior of cables and arches. The course also introduces methods for analyzing indeterminate structures, including the slope deflection method and moment distribution method. Emphasis is placed on developing analytical skills to evaluate structural behavior and performance under various loading conditions. Pre-requisite: ES212 Solid Mechanics

Credits 3

CE-311L : Struct Analysis Lab

Credits 1

CE-312 : Structural Design

This course explores the behavior, strength, and design of structural systems in reinforced concrete, steel, and wood. Students will apply ACI specifications for concrete, AISC specifications and the LRFD approach for steel, and NDS specifications for wood. Emphasis is placed on understanding material behavior, design principles, and code compliance. Project-based assignments challenge students to identify constraints, solve complex design problems, and develop critical thinking skills in structural engineering applications. Pre-requisite: CE311 Structural Analysis; Co-requisite: CE312L Structural Design Lab

Credits 3

CE-312L : Structural Design Lab

This lab course provides hands-on experimentation with the testing and utilization of structural components. Labs focus on concrete, steel, and wood construction, including material behavior and strength assessment. Students will also design and conduct an experiment to explore composite construction, enhancing their understanding of structural design principles and techniques. Co-requisite or Pre-requisite: CE312 Structural Design

Credits 1

CE-330 : Geotechnical Engineering

This course focuses on the principles of soil mechanics and their applications in civil engineering. Topics include soil structure and classification, permeability, soil strength, consolidation, stress analysis, slope stability, lateral earth pressures, and bearing capacity. Emphasis is placed on understanding the behavior of soils and applying fundamental concepts to the design and analysis of geotechnical systems. Pre-requisite: ES212 Solid Mechanics; Co-requisite: CE330L Geotechnical Engineering Lab

Credits 3

CE-330L : Geotechnical Engr Lab

This lab course provides hands-on experience in evaluating the physical and mechanical properties of soils for geotechnical engineering applications. Experiments include soil classification, determination of permeability, compaction, consolidation, and shear strength. Emphasis is placed on standard testing procedures, data analysis, and the interpretation of results to assess soil behavior and suitability for construction projects. Students will also gain practical skills in laboratory safety, teamwork, and effective communication of findings through technical reports. Co-requisite or Pre-requisite: CE330 Geotechnical Engineering
Credits 1

CE-340 : Transportation Engineering

This course introduces the fundamentals of transportation engineering, covering the history of U.S. transportation systems (land, water, air) and their components. Topics include traffic flow analysis, statistical methods for design, highway capacity and level of service (LOS), and queueing systems. Students will explore travel demand modeling, highway design for safety, traffic signal operations, AASHTO pavement design, and airport runway capacity. Emphasis is placed on designing efficient and safe transportation systems through practical applications and engineering principles.
Credits 3

CE-350 : Water Resources

This course covers key concepts in water resources engineering, including pump design, water hammer, and water distribution system analysis. Students will learn storm sewer design, open channel flow, water surface profiles, and streamflow data measurement. Topics also include hydrograph analysis, runoff prediction using NRCS and Rational methods, and unit hydrograph techniques. Practical applications focus on designing and managing sustainable water infrastructure systems. Pre-requisite: ES250 Fluid Mechanics; Co-requisite: CE350L Water Resources Lab
Credits 3

CE-350L : Water Resources Lab

This lab course provides practical experience with water resources design and analysis. Students will conduct experiments on open channel flow using flume tests, analyze pipe flow behavior, and explore hydrologic parameters through applied experimentation. The course emphasizes the utilization and testing of water resources components to reinforce theoretical concepts and develop problem-solving skills in real-world scenarios. Co-requisite or Pre-requisite: CE350 Water Resources
Credits 1

CE-360 : Construction Engineering

This course provides an in-depth study of modern construction methods and project management techniques. Topics include construction equipment selection, productivity analysis, cost estimation, project scheduling, and safety practices. Students will gain hands-on experience with material take-offs, plan reading, and the preparation of construction documents. Additional focus is placed on materials handling, earthmoving operations, concrete and asphalt construction, and structural steel erection. Through real-world case studies and project-based assignments, students develop critical skills for planning, managing, and executing construction projects efficiently and sustainably.
Credits 3

CE-401 : CE Senior Design I

This course introduces students to professional practice in civil engineering through the investigation of technical employment opportunities, multi-disciplinary team building, and design project acquisition. Students will engage in project planning, including defining scope, identifying resources, and setting objectives. The course also emphasizes the integration of ethics, liability, and legal principles in the context of engineering practice. Students will begin developing the foundation for their senior design project, preparing them for collaborative and professional work in the field. Pre-requisite: Senior Standing and completion of 4 – CE3XX courses.
Credits 1

CE-402 : Civil Engr Sr Design II

This course applies multiple civil engineering design subjects to a large-scale, real-world project. It serves as an introduction to professional practice, focusing on project management while integrating ethics, liability, economic, and legal principles. Emphasis is placed on teamwork, leadership, and effective communication throughout the design process. The course culminates in an oral presentation of the project, along with a detailed design report, plans, and specifications, showcasing the students' ability to manage and execute complex engineering designs. Pre-requisite: CE401 CE Senior Design I, must be taken the semester immediately following successful completion of CE401 CE Senior Design
Credits 3

CE-402Z : Senior Writing Requirement

CE-412 : Structural Design II

This course builds on foundational structural design principles, focusing on advanced topics in concrete, steel, and timber design. Students will investigate and apply seismic loading requirements, along with other complex design considerations, to develop robust and safe structural systems. The course also introduces the use of computerized analysis and design tools to aid in the evaluation and optimization of structural designs. By the end of the course, students will be equipped to address advanced structural design challenges with both theoretical knowledge and practical software applications. Pre-requisite: CE312 Structural Design I
Credits 3

CE-430 : Foundation Engineering

This course focuses on the principles and design of foundations for structures. Topics include soil mechanics, bearing capacity, settlement analysis, foundation types (shallow and deep foundations), pile and caisson design, and foundation performance under different loading conditions. Students will apply geotechnical engineering principles to analyze soil behavior, determine foundation requirements, and design appropriate foundations to ensure structural stability and safety. Emphasis is placed on integrating field data and theoretical knowledge to create effective foundation solutions in real-world engineering projects. Pre-requisite: CE330 Geotechnical Engineering
Credits 3

CE-433 : Civil Engr Design Elective

Credits 3

CE-460 : Contracts

This course addresses the roles and responsibilities of the project team, project delivery methods, the preparation of accurate and enforceable specifications, and the effective administration of construction contracts. Contract documents, including project plans and specifications, will be analyzed from the perspective of coordination, interpretation, and enforcement. Guidelines and documents from various organizations such as CSI, AIA, and AGC will be examined to develop an understanding of the design process, product selection, and improved communication among the project participants involved in all aspects of managing a project from initial planning to completion. Pre-requisite: Junior or Senior Standing
Credits 3

Communication Arts

COMM-200 : Fundamentals of Speech Communication

Introductory course designed to improve skills to inform and persuade a public audience through speaking. Class activities strengthen research strategies, organizational structure, active listening and speech delivery. Includes a variety of formal and informal speaking situations and experiences. Recommended prerequisite: ENGL 101. *This course meets a General Education Core Curriculum requirement*. Fall, Spring.
Credits 3

Computer Science

COSC-160 : Computer Science I

Introduction to all aspects of the programming and problem-solving process and the elements of good programming style. A language such as C++ or FORTRAN is used as a means for introducing these concepts. Use of the computer in designing, coding, debugging, and executing programs. Pre-requisites: MATH 115 or higher (or the equivalent) with a grade of C- or better, Math ACT score of 23 or higher, or permission of the instructor. Fall, Spring.
Credits 3

COSC-194 : Computer Science Career Seminar

This course explores computer science from its historical foundations to the most cutting edge developments in the multifaceted discipline with an emphasis on helping the computer science student know and match their interests and skills with the career opportunities in computer science and related disciplines.
Credits 2

COSC-240 : Computer Science II

A second semester study of computing principles. Abstract data types, object-oriented programming concepts, and introductory topics of graphical-user interfaces, unit testing, and file structures. Students hone their problem solving skills through a variety of programming assignments. Prerequisite(s): COSC 160 or consent of instructor. As needed.
Credits 3

COSC-244 : Data Structures

A second-year course in data structures and algorithms. Topics include commonly used data structures, recursive algorithms, computational complexity, sorting and searching techniques, and an introduction to run-time storage management. Course assignments emphasize both program design and implementation. Prerequisite(s): COSC 240 and MATH 220. As needed.
Credits 3

COSC-344 : Software Engineering I

The application of object-oriented analysis and design methods to develop commercial software. Emphasis is placed on software process maturity, software development life cycles, software documentation, and team projects. Prerequisite(s): COSC 244. Spring. As needed.
Credits 3

COSC-346 : Operating Systems

An introduction to the principles and concepts of operating systems to include process management, memory management, and storage management. Emphasis is placed on learning the principles and then applying them in various systems programming exercises. Pre- or Co-requisite(s): COSC 244. As needed.
Credits 3

COSC-348 : Principles of Algorithms

The analysis, design, and implementation of popular algorithm methods. Topics include specific algorithms for searching, sorting, set operations, and graph-related operations. Emphasis on empirical and theoretical measures of the space and time efficiency. This course is the Junior Writing Requirement course. Prerequisite(s): COSC 244. As needed.
Credits 3

COSC-348X : Jr. Writing Requirement

This course is the Junior Writing Requirement course. Prerequisite(s): COSC 244.
Credits 0

COSC-350 : Programing Languages

A survey of language classes, such as imperative, functional, logic, concurrent and object- oriented paradigms, as well as their run-time structures. The student will gain experience writing programs in a variety of languages and develop an appreciation of the strengths and weaknesses of each language. Includes historical precedents and current trends in design and philosophy of languages. Formal approaches to defining the syntax and semantics are used to describe the fundamental concepts underlying programming languages. Prerequisite(s): COSC 244. As needed.
Credits 3

COSC-354 : Networks and Data Communications

An introduction to the principles and concepts of network-based communication between software processes. This includes the organization of WANs and LANs, the function of gateways and routers, and the use of protocols at the application, transport, and network layers. Emphasis is placed on the TCP/IP protocol suite. Exercises focus on studying network traffic and developing TCP- and UDP-based client/server programs. Pre- or Co-requisite(s): COSC 244. As needed.
Credits 3

COSC-356 : Database Management

A study of data modeling, relational databases, normalizing techniques, query languages, managerial aspects of database administration, and trends in database administration. Programming is done in a 4GL language. Prerequisite(s): COSC 244. As needed.
Credits 3

COSC-358 : Artificial Intelligence

An introduction to the field of artificial intelligence studying basic techniques such as heuristic search, deduction, learning, problem solving, knowledge representation, uncertainty reasoning, and symbolic programming languages such as LISP. Application areas may include intelligent agents, data mining, natural language, machine vision, planning, and expert systems. Prerequisite(s): COSC 244. As needed.
Credits 3

COSC-440 : Network Security

An introduction to network security emphasizing authentication applications, electronic mail security, IP security, web security, network management security, and firewalls. Students are exposed to the tools and techniques used by malicious network attackers for reconnaissance, scanning, gaining and maintaining access, and covering their tracks. Prerequisite(s): COSC 354. As needed.
Credits 3

COSC-444 : Software Engineering II

Application of software project management, requirements analysis, design, implementation, and testing to the development of large software systems. Emphasis is on software process improvement, requirements management, software testing techniques, quality assurance, configuration management, risk management, and group projects. Prerequisite(s): COSC 344. As needed.
Credits 3

COSC-446 : Program Translation

A study of language design and translation, including: various types of compilers; LL and LR parsing; support mechanisms for access and storage of translation data; scoping concerns; and lifetime, visibility, and overloading mechanisms. All if this is done within the context of the program translation stages. Prerequisite(s): COSC 340 and COSC 344. As needed.
Credits 3

COSC-448 : Computer Theory

A study of the computational and linguistic theory on which the field of computer science is based. Topics include finite state automata, context-free grammars, push-down automata, Turing machines, undecidability, computability, and complexity theory. This course is the Senior Writing Requirement course. Prerequisite(s): COSC 348 and MATH 220 or consent of instructor. As needed.
Credits 3

COSC-448Z : Senior Writing Requirement

This course is the Senior Writing Requirement course. Prerequisite(s): COSC 348 and MATH 220 or consent of instructor.
Credits 0

COSC-450 : Computer Architecture

A study of design alternatives in computer architecture. Topics include machine organization, memory subsystem organization, interfacing concepts, issues that arise in managing communication with the processor, and alternative computer architectures. Assembly language is studied and used to implement a variety of small programs. Prerequisite(s): COSC 244 and PHYS 350 with lab. As needed.
Credits 3

COSC-498 : Computer Science Internship

Students may work at an internship in a business, a non-profit organization, or an on-campus research or design project, under the supervision of a computing professional. Students are required to apply their skills in a real-world setting. Each credit hour earned requires 60 hours of logged, on-duty work. The student must submit a written report or journal at the conclusion of the internship. The internship is monitored and evaluated by a faculty sponsor, in verification and close consultation with the supervising representative of the business/agency. Lincoln Memorial University retains ultimate control and supervision of the internship Prerequisite(s): COSC 344 and departmental approval. As needed.
Credits 3

Conservation Biology

CBIO-194 : Pre-Conservation Biology Seminar

Introduces the field of conservation biology as well as the conservation biology program at LMU. Engages in analysis of careers and topics of the field. Utilizing in-class discussions, career exploration assignments, and guest speakers, students will have the opportunity to begin building a plan for their education and future careers in conservation. Fall.
Credits 1

CBIO-200 : Conservation Biology

The course examines the meaning and significance of biodiversity from local to global scales. Current and emerging threats to biodiversity, including extinction, habitat fragmentation, land use change, over exploitation, invasive species, and global climate change are explored. Efforts to manage and maintain biodiversity, including how human activity impacts conservation efforts, natural resource policy and management, as well as the social, political and ethical decisions for conservation management are discussed. Prerequisites: Successful completion (C- or better) of BIOL 111 and 112 with labs. Spring
Credits 3

CBIO-210 : Wildlife Management

Introduces the principles of wildlife conservation and management. Explores the history and philosophy behind the North American model of wildlife management, structured decision making, wildlife population dynamics, habitat, and animal behavior. Utilizing hands-on experience, primary literature, lectures, and case studies, students will have the opportunity to establish a foundational understanding of wildlife management. Prerequisites: Successful completion (C- or better) of BIOL 111 and 112 with labs. Fall even years.
Credits 3

CBIO-220 : Freshwater Fisheries Management

This course provides a foundation in fisheries science and management of freshwater game fish and non-game fish species as well as an overview of the biology, ecology, management, and conservation of aquatic resources. Students will learn various tools and metrics used to assess fish populations in both cold and warm water systems with an emphasis on watershed and whole ecosystem approaches to management. Exploration of historical and current techniques will highlight challenges in the conservation, restoration, enhancement, and management of freshwater fish populations. The legal processes of regulation of game fish species and the management of invasive species will be explored via case studies. Prerequisites: Successful completion (C- or better) of BIOL 111 and 112 with labs. Corequisite: CBIO 220L lab, 1 credit hour. Spring Even Years.
Credits 3

CBIO-220L : Freshwater Fisheries Mgmt Lab

This lab focuses on the application of fisheries management techniques, including how to age fish and estimate population sizes. Common fish sampling methods and equipment will be used for data acquisition and analysis. Field trips will be made to regional hatcheries and other facilities that are involved in freshwater fisheries conservation and management. Prerequisites: Successful completion (C- or better) of BIOL 111 and 112 with labs. Corequisite: CBIO 220 lecture, 3 credit hours. Spring even years.
Credits 1

CBIO-230 : Forests of Appalachia

This course will introduce students to the deciduous ecosystem of Appalachia. The focus will be on living and physical components and species interactions within this system. This is a hybrid course that will consist of several in-person meetings and a field trip. Students will engage in two group projects to gain experience in observational investigation, drawing conclusions from these observations, and exploring the limitations of the project data. These projects will serve as the lab component of this course. An appreciation of the natural environment and its complexity will be emphasized. Fall.
Credits 4

CBIO-250 : Soils

An introduction to the basic physical, chemical, and biological properties of soils, as well as the importance of soils and soil conservation to the maintenance of healthy ecosystems and human populations. Major areas of study include soil formation, taxonomy, the basic physical, chemical, and biological properties of soil, soilwater relationships, the development and maintenance of soil organic matter, the role of soils in nutrient cycling and management, the causes of soil degradation, and techniques for soil conservation and remediation. Pre-requisite: Successful completion (C- or better) of CHEM 111 and lab. Corequisite: CBIO 250L lab, 1 credit hour. Fall odd years.
Credits 3

CBIO-250L : Soils Lab

This course is predominantly a field-based laboratory, though some samples will be collected and then processed in the laboratory. There is a strong focus on learning how to describe soils in the field, including a mandatory Saturday field trip. Basic soils analysis includes bulk density, loss-on-ignition, leaf litter decomposition, and soils texture determination. Prerequisites: Successful completion (C- or better) of CHEM 111 with lab. Corequisite: CBIO 250 lecture, 3 credit hours. Fall odd years.
Credits 1

CBIO-330 : Ichthyology

Classification, distribution, natural history, anatomy and physiology, and evolution of the fishes, with emphasis on local species. Prerequisite: Successful completion (C- or better) of BIOL 111 and 112 with labs. Corequisite: CBIO 330L lab, 1 credit hour. Fall odd years.
Credits 3

CBIO-330L : Ichthyology Lab

This lab includes hands-on dissection, field trips, anatomy of preserved specimens, and identification of major lineages of fishes. Emphasis will be placed on classifying species using scientific keys. Prerequisites: Successful completion (C- or better) of BIOL 111 and 112 with labs. Corequisite: CBIO 330 lecture, 3 credit hours. Fall odd years.
Credits 1

CBIO-340 : Herpetology

Classification, distribution, natural history, anatomy and physiology, and evolution of amphibians and reptiles, with emphasis on local species. Prerequisite: Successful completion (C- or better) of BIOL 111 and 112 with labs. Corequisite: CBIO 340L lab 1 credit hour. Spring odd years.
Credits 3

CBIO-340L : Herpetology Lab

Classification, distribution, natural history, anatomy, physiology, and ecology of amphibians and reptiles through both laboratory and field exercises with emphasis on local species. Prerequisite: Successful completion (C- or better) of BIOL 111 and 112 with labs. Co-requisite: CBIO 340 lecture, 3 credit hours. Spring odd years.
Credits 1

CBIO-350 : Ornithology

Explores the evolution, anatomy, physiology, ecology, behavior, and conservation of birds. Utilizing lectures, case studies, and discussion of primary literature, students will have the opportunity to establish a foundational understanding of the Class Aves and their conservation. Prerequisite: Successful completion (C- or better) of BIOL111 and 112 with labs. Corequisite: CBIO 350L lab, 1 credit hour. Spring even years.
Credits 3

CBIO-350L : Ornithology Lab

Explores anatomy, ecology, behavior, utilizing field and laboratory techniques used by ornithologists and conservation biologists. Students will have the opportunity to develop aural and visual identification skills, explore avian anatomy and behavior, and generate and analyze data. Prerequisite: Successful completion (C- or better) of BIOL111 and 112 with labs. Corequisite: CBIO 350 lecture, 3 credit hours. Spring even years.
Credits 1

CBIO-360 : Mammalogy

Classification, distribution, natural history, anatomy and physiology, and evolution of mammals, with emphasis on local species. Prerequisite: Successful completion (C- or better) of BIOL 111 and 112 with labs. Corequisite: CBIO 360L lab, 1 credit hour. Fall even years.
Credits 3

CBIO-360L : Mammalogy Lab

Classification, distribution, natural history, anatomy, physiology, and ecology of mammals through both laboratory and field exercises with emphasis on local species. Prerequisite: Successful completion (C- or better) of BIOL 111 and 112 with labs. Co-requisite: CBIO 360 lecture, 3 credit hours. Fall even years.
Credits 1

CBIO-370 : Land Use & Environmental Policy

Introduction to administration of U.S. environmental laws and policy and the concept of managing natural resources at the landscape scale. Emphasis is on the history of policy development and the continued application of natural resource management and land-use to contemporary national and global issues. Students will be introduced to the principles of landscape ecology and U.S. environmental policy, land-use patterns, and ecological processes at the landscape scale through selected readings and discussions. Prerequisite: Successful completion (C- or better) of ENGL 102. Fall odd years.
Credits 3

CBIO-400 : Conservation Biology Application & Analysis

The seminar course explores advanced topics in the conservation of biological diversity via two major emphases. Emphasis 1: Foundational and current papers in the primary literature are critiqued and discussed. A wide range of conservation topics, including but not limited to, captive breeding, species reintroductions, reserve design, management of ecosystems and endangered species as well as conservation tools are explored. Each meeting consists of a brief summary lecture (initially by the instructor, but later by the student) followed by required discussions. The student will, in consultation with the instructor, select discussion papers, develop a brief lecture, and facilitate the discussion. Emphasis 2: Hands-on experience will be gained via exercises in solving the types of problems typically encountered by conservation biologists. Prerequisites: Successful completion (C- or better) of BIOL 200, BIOL 370 with lab, two biodiversity courses and senior standing, or permission of instructor. Spring.
Credits 3

CBIO-420 : Wetland Ecosystems

This course provides an overview of wetland ecology, management, and policy. We will explore how wetlands are defined, the history of wetland attitudes and values, and wetland ecosystem services. Wetland ecosystems addressed will include tidal marshes, mangroves, and peatlands, but will focus mostly on freshwater marshes, swamps, and riparian wetlands. We will also examine U.S. wetland policy, the practice of wetland delineation, wetland restoration, as well as wetland management to promote valuable ecosystem services, including the maintenance of biodiversity. Prerequisites: Successful completion (C- or better) of BIOL 370 and lab. Fall even years.
Credits 3

CBIO-421 : Geog Info Systems I

This course is an introduction to Geographic Information Science (GIS), which includes tools to integrate, visualize and analyze spatial data to understand relationships and solve real-world problems. Basic concepts, theoretical background, and field-specific practical GIS skills for conservation and management careers as well as GIS history, data acquisition, data quality and ethics, will be covered via lecture and applied software exercises. Students will develop a working knowledge of GPS units as well as create figures and maps and conduct spatial analyses with GIS software including ArcMap, ArGIS Pro, and QGIS. Prerequisite: Successful completion (C- or better) of CBIO 194 and/or Instructor Permission. Fall even years.
Credits 3

CBIO-422 : Geog Info Systems II

Advanced application, concepts and uses of Geographic Information Systems (GIS) for complex conservation and land management problems. ArcGIS Pro, QGIS, R/RStudio, and other software will be used to conduct quantitative spatial analyses including GIS modeling, spatial decision making, and other statistical analyses. Lecture will include in-depth primary literature paper assignments in landscape ecology and conservation as well as practical exercises to develop skills in diverse programs. Students will develop spatial analysis projects using citizen science data, or other data sources Prerequisite: Successful completion (C- or better) of CBIO 421. Spring odd years.
Credits 3

CBIO-430 : Terrestrial Ecosystems

This course investigates the structure and function of terrestrial ecosystems and explores the benefits of utilizing an ecosystem approach in the development of management and conservation plans. It will focus on the mechanisms by which terrestrial ecosystems function: water and energy balance; carbon and nutrient cycling; trophic interactions; environmental effects; and disturbances. Temporal and spatial scales are considered through the examination of both natural and anthropogenic disturbance events. Lastly, the integration of these processes and sustainable management of terrestrial ecosystems is addressed. Prerequisites: Successful completion (C- or better) of BIOL 370 with lab. Spring even years.
Credits 3

CBIO-440 : Freshwater Ecosystems

This course explores the basic ecological processes that occur in freshwater ecosystems. Lake origins and morphology, the formation of streams, and the concept of watersheds are the primary focus of this course. Close examination of the abiotic components are highlighted, plus the specialized adaptations that organisms utilize to succeed in these environments are discussed. In addition, this course includes an overview of the various communities within aquatic ecosystems. Prerequisites: Successful completion (C- or better) of BIOL 370 with lab. Fall odd years.
Credits 3

CBIO-495 : Special Topic in Conservation Biology

A Special Topic course (195, 295, 395, 495) is a limited time offering, by an Academic Department, of a course not listed in the undergraduate catalog. Special Topic courses are designed and offered by full-time faculty members and provide an opportunity to (a) offer a course that addresses a recently emerging issue, (b) pilot a course before submission for approval as a regular offering in the undergraduate programs course catalog, and/or (c) provide a limited offering of a topical course to enrich and expand offerings based on current student and faculty interest. Special Topic courses must be approved by (a) the department chair and (b) the school Dean. The Course Approval Form documenting departmental and school approval, as well as the course syllabus, will be archived in the Dean's Office. Special Topic courses cannot be used as course equivalent substitutions for satisfying LMU's General Education Core Curriculum requirements. The Department Chair can approve a Special Topic course as an elective toward a major. A Special Topic course can be taught as many as three times before it must be submitted to Academic Council for consideration as a regular course offering to be published in the Undergraduate Programs Catalog.
Credits 1
-3

CBIO-498 : Internship in Conservation Biology

Staff/apprentice work experience at an approved business/agency directly related to conservation biology. Each credit hour earned requires 60 hours of logged, on-duty work. The student must submit a written report or journal at the conclusion of the internship. The internship is monitored and evaluated by a faculty sponsor, in verification and close consultation with the supervising representative of the business/agency. LMU retains ultimate control and supervision of the internship. Prerequisites: at least Junior classification and approval of the Department Chair. Fall, Spring, Summer as needed.

CBIO 230 : Forests of Appalachia

This course will introduce students to the deciduous ecosystem of Appalachia. The focus will be on living and physical components and species interactions within this system. This is a hybrid course that will consist of several in-person meetings and a field trip. Students will engage in two group projects to gain experience in observational investigation, drawing conclusions from these observations, and exploring the limitations of the project data. These projects will serve as the lab component of this course. An appreciation of the natural environment and its complexity will be emphasized. This course meets a General Education Core Curriculum requirement. Fall.
Credits 4

Criminal Justice

CRIM-105 : Introduction to Criminal Justice

This survey course designed to introduce students to the major components of the criminal justice process; police, corrections, and the courts. Students also study the nature of crime, delinquency, and law. *This course meets a General Education Core Curriculum requirement*. Fall and Summer.
Credits 3

CRIM-205 : Introduction to Law Enforcement

This course examines the basic components of policing. The emphasis is on how police patrol, investigate crimes, and enforce the law in both rural and urban environments. The class is designed to introduce students to the wide and varied scope of police work. Class is only offered once every *four* semesters. Fall.
Credits 3

CRIM-210 : Criminal Law

This course is a study of substantive criminal laws including an examination of its purpose, functions, and limits. The elements which constitute criminal offences are examined in order to familiarize the students with how the law dictates criminal behavior. The nature and scope of criminal defenses are also studied. Fall
Credits 3

CRIM-220 : Intro to Courts

This course is an analysis of the structure, function, and operation of both the federal and state court systems. It focuses on the roles of prosecutors, defense counsels, judges, jurors, court administrators, and probation officials. Spring.
Credits 3

CRIM-280 : Statistics

Introduction to statistics for criminal justice covers descriptive statistics such as frequency distributions, mean, median, and mode. Additionally, it covers standard deviation, and standard scores. This course covers inferential statistics such as correlations, sampling, probability, confidence intervals, t tests, ANOVA, and other common computation methods. Spring.
Credits 3

CRIM-295 : Special Topics

CRIM-300 : Issues & Ethics in Criminal Justice

The purpose of this class is to familiarize the student with some of the most important criminal justice issues of the day. The class is designed for the student to understand the difficulty decision-makers face in trying to make coherent and rational policies. Prerequisite: CRIM 105. Fall.
Credits 3

CRIM-300X : Jr Writing Requirement

CRIM-310 : Intro Criminology

This course examines the components of criminal behavior, specifically the extent and nature of crime in America, the theories of criminal behavior, and societal reactions to criminality. Prerequisite: CRIM 105 or permission from Program Director. Spring.
Credits 3

CRIM-310X : Jr. Writing Requirement

Credits 0

CRIM-315 : Introduction to Corrections

This class is an introduction to the various aspects of the correctional system; its historical development, the purpose and goals of punishment, sentencing alternatives, and the administration of prisons and jails. Fall.
Credits 3

CRIM-315X : Jr Writing Requirement

CRIM-320 : Juvenile Justice

This course is intended to acquaint students with the theories, approaches, and processes inherent in the American juvenile justice system. Class is only offered once every *four* semesters.
Credits 3

CRIM-325 : Rights & Liberties

This course examines the procedural aspects of the criminal justice system with emphasis on the fourth, fifth, sixth, and fourteenth amendments to the United States Constitution on state and federal prosecutions. Topics include law of arrest, search and seizure, police interrogation and the privilege against self-incrimination, right to counsel, and due process. Spring.
Credits 3

CRIM-330 : Drugs and Society

This course explores the topic of substance use and abuse in society and critically examines drug policy in the United States. Specific topics covered will include drug typologies, history of drug policy, drug enforcement, addiction and recovery programs, and social factors that influence drug policy and enforcement. Special attention will be given to harm reduction strategies and drug issues in the Appalachian region, especially methamphetamine and prescription drug abuse. Offered once every *four* semesters.
Credits 3

CRIM-350 : Investigations

The purpose of this course is to give you a basic understanding of how police agencies investigate crimes. The nature and scope of physical evidence is examined, the techniques of interviewing witnesses and suspects, and the specifics of investigating murders, robberies, thefts, larcenies, and other crimes is explored. Class is only offered once every *four* semesters.
Credits 3

CRIM-360 : Homeland Security

This class examines the organizational and legal issues in the administration of Homeland Security and its efforts to implement and manage policies that are at the forefront of domestic security. Prerequisite: GOVT 211, course is offered only once every *four* semesters.
Credits 3

CRIM-380 : Research in Criminal Justice

This course is an examination of the methodological foundations of the social sciences with an emphasis in criminal justice. Students are introduced to the logic and techniques of empirical inquiry, the nature of facts, the operation of concepts, the concept of hypotheses, and research designs. Junior SEWS Course. Prerequisite: CRIM 280. Spring.
Credits 3

CRIM-380X : Junior Writing Requirement

Credits 0

CRIM-395 : Special Topics

Periodically, criminal justice classes are offered which do not fit the traditional mold. The purpose of these courses are for the student to gain particular knowledge in an area that a faculty member has expertise in. Fall/Spring as needed.

CRIM-396 : Independent Study

CRIM-405 : Police Administration

This course has two purposes; how police organizations function and how the dynamics of leadership affect the quality of policing. For the first two-thirds of the semester, several key components to effective police management will be discussed and analyzed. The last one-third of the class is a study of leadership principles that are applicable to almost any institution. Prerequisite: CRIM 105 or permission from the Program Director. Class is offered once every *four* semesters.
Credits 3

CRIM-420 : Race, Gender and Crime

This class is an examination of the role and treatment of women and minorities as offenders, victims, and professionals in the criminal justice system. Class is only offered once every *four* semesters.
Credits 3

CRIM-420Z : Sr Writing Req

CRIM-450 : Political Violence & Terrorism

Credits 3

CRIM-480 : Crim Justice Capstone Seminar

The senior seminar is a capstone requiring the student to use theoretical perspectives from practical criminal justice issues to formulate a related research topic pertaining to an issue substantively related to the study of criminal justice. The student will develop an original research project using concepts, theories, and skills developed in previous classes. Senior SEWS course. Fall.
Credits 3

CRIM-480Z : Sr Writing Req

Credits 0

CRIM-495 : Special Topic

CRIM-497 : Practicum in Criminal Justice

This practicum is a supervised work experience with a selected criminal justice-related agency or organization designed to give the student actual experience in a particular area of criminal justice. The student will work 60 clock hours per credit hour for the semester or summer session. The practicum is available solely to criminal justice majors with junior-level status. The practicum is monitored and evaluated by a faculty sponsor, in verification and close consultation with the supervising representative of the business/agency. LMU retains ultimate control and supervision of the practicum. Prerequisite: Approval from the Program Director is required. Fall, Spring, Summer.
Credits 1
-4

Dental Hygiene

DH-200 : Clinical Theory I - Lec/Lab

This course introduces the dental hygiene student to clinical dental hygiene practice. It provides a historical overview of dentistry and dental careers, ethical principles, the science behind disease transmission, instrument sterilization, and infection control procedures. Ergonomics, communication skills, and preliminary patient assessment tools, including vital signs, are covered. The dental hygiene process of care, basic instrumentation, extrinsic stain removal, and fluoride application will be covered in the simulation laboratory.
Credits 5.2

DH-201 : Embryology, Histology, & Dental Anatomy

This course will introduce the dental hygiene student to the form, function, and comparative anatomy of primary and permanent teeth, tooth numbering, and dentition periods. Embryologic development of the face, neck, orofacial structures, and teeth. And the histologic study of the gingiva, oral mucosa, and attachment apparatus.
Credits 3

DH-202 : Head and Neck Anatomy

This course is designed to provide dental hygiene students with the anatomical foundation of dental hygiene and study regional and systemic anatomy. Presented through didactic, case-based learning, and experiential learning pedagogy, this course focuses on conceptual anatomy, demonstrating the dental significance of anatomical structures including the skull, face, oral cavity, and cranial cavity are critical to the practice of dental hygiene.
Credits 2

DH-203 : Dental Radiology

This course introduces dental hygiene students to the science of radiography and safety techniques for the operator and patient, intraoral and extraoral radiographic techniques, interpretation, and identification of pathological processes. Students will be acquiring radiographs on the simulation manikin and transition to live patient experiences during the lab portion of the course.
Credits 3

DH-250 : Clinic Theory II - Lec/Lab

This course is a continuation of Clinic Theory I. In the lab, simulation exercises will provide practice exercises for assessment and instrumentation techniques. Students will begin the application of dental hygiene theory to responsible patient-centered dental hygiene care.
Credits 5.8

DH-251 : General and Oral Pathology

This course has been designed to integrate oral pathology and general pathology. Students will study principles of general pathology with emphasis on the relationships to oral diseases. Pathologic physiology includes tissue regeneration, the inflammatory process, immunology, and wound healing. Clinical appearance, etiology, location, and treatment options of general system diseases is presented, along with the oral manifestations. Special attention will be placed on the oral cavity's common pathological conditions and early recognition of these conditions.
Credits 2

DH-252 : Periodontology

This course introduces students to the identification, treatment, and prevention of pathological conditions that affect the periodontium. Includes assessment, diagnosis, and initial treatment of periodontal disease. Emphasis will be placed on anatomy and histology of normal periodontal tissues, etiology of periodontal diseases, and resulting tissue changes. Classification of Periodontal Disease will be discussed in depth.
Credits 2

DH-253 : Pharmacology

This course introduces the student to classes of drugs and their uses, actions, interactions, side effects, contraindications, systemic and oral manifestations, emphasizing dental application. Students will learn the dosages of commonly prescribed medications in dentistry and prescription writing.
Credits 2

DH-254 : Pain, Anxiety, Medical Emergencies

PAIN MANAGEMENT AND ANXIETY CONTROL & MEDICAL EMERGENCIES - 4 CREDIT HOURS This course provides student hygienists with the anatomy, medical considerations, pharmacology, needle safety, preparation, procedures, complications, documentation, and the legal considerations of delivering local anesthesia and nitrous oxide sedation. Students will administer local anesthesia, administer and monitor nitrous oxide sedation, and manage simulated medical emergencies in the laboratory. Completing this course satisfies the State of Tennessee Board of Dentistry requirements for licensure in administering local anesthesia and administering and monitoring of nitrous oxide.
Credits 4

DH-300 : Clinic Theory III - Lec/Lab

This course is a continuation of Clinical Theory II. Through patient care experiences, students will review and assess medical histories, take and recording vital signs, perform intraoral and extraoral exams, assess periodontal health, treatment planning, provision of routine prophylaxis and scaling and root planing, and remove calculus and stain, oral hygiene instruction, the use of preventative agents and adjuncts to homecare. Students will understand the biochemistry of nutrition, the effect of nutrition on oral cavity disease processes, and systemic health. Tobacco cessation will be discussed in depth.
Credits 6

DH-301 : Dental Materials

This course presents the fundamentals of dental materials used in dental hygiene, including laboratory techniques, procedures, advantages, and disadvantages. The properties of dental materials are covered, including prophy paste, fluoride gel, fluoride varnish, cements, bleaching gels, bleaching trays, occlusal guards, and sealants. Labs will cover mixing techniques, applications, and uses of different dental materials.
Credits 3

DH-302 : Treatment Patients With Special Needs

This course focuses on the unique dental and medical needs of pediatric, adult, and geriatric patients with special needs and limitations. Student dental hygienists will develop the knowledge and skills required to provide oral health care to this population. They will understand the complexities and limitations, management techniques, and the dental hygienist's role in delivering oral healthcare while managing patients with mental or physical disabilities and those medically compromised.
Credits 3

DH-350 : Clinic Theory IV - Lec/Lab

This course is a continuation of Clinic Theory III. Through patient-care experiences, students will continue developing communication and critical thinking skills, treatment planning, patient-centered care, time management, and treatment outcome evaluation skills to achieve competence.
Credits 6.4

DH-351 : Commun Outreach, Service Learn

This course focuses on the importance of community oral health and its impact on the population. It correlates oral health as an entity of one's overall health as illuminated in The Healthy People initiative adopted by the Federal Government. The dental hygiene student will be able to identify career options for a dental hygienist in community health and promote disease prevention. Students will develop and implement a community health outreach event at the College of Dental Medicine for the community.
Credits 3

DH-352 : Ethics, Jurisprudence, and Practice Mana

This course introduces the student dental hygienis
Credits 3

DH-360 : Clinic Theory V - Lec/Lab

This course is a continuation of Clinic Theory IV. Through patient-care experiences, students will continue developing communication and critical thinking skills, treatment planning, patient-centered care, time management, and treatment outcome evaluation skills to achieve competence.
Credits 9

DH-361 : Dental Hygiene Board Review

This course helps dental hygiene students prepare for the National Board Dental Hygiene Examination and the ADEX Dental Hygiene Examination. Course content will include a comprehensive review of dental hygiene curriculum content, computer-simulated clinical examination (case studies), and patient treatment clinical examination (mock board exam).
Credits 3

Department of Sport and Exercise Science

Mission Statement

The Department of Sport and Exercise Science is a values- based professional studies learning program. The program strives to fulfill the principles of Abraham Lincoln's life by service to humanity and the community, the promotion of public health and the advancement of coaching education, exercise science, and sports therapy. The commitment of the faculty is based on the belief that graduates must be able to communicate clearly and effectively. The Department of Sport and Exercise

Science will challenge and prepare each student for the future professions in coaching, exercise physiology, and sports therapy. Lastly, through diverse educational and research experiences, it is our mission to provide students with the knowledge, skills, and values that a graduate of LMU must possess.

Students are required to earn a grade of "C" or better in all courses applied to the major core classes in the program.

HLTH-370 : Health Disparities

This course investigates health disparities through an interdisciplinary approach: public health policy, health promotion, psychology, social science, behavioral science, and medicine. The course provides opportunities to consider the effects of socio-demographic factors and coinciding barriers to good health, as well as the stigma created by these factors. The course further delves into how certain populations are marginalized at various levels of society. Students will explore how gaining an understanding of the characteristics of diverse populations will provide opportunities to decrease related disparities in health and social justice. As needed.
Credits 3

Early Child Development

CDEV-350 : Teaching Elementry Children

This course is an overview of students in grades K-5 and how their cognition, social/emotional behavior, and physical development differs at each grade level. Candidates explore how the teacher uses mandated curriculum and research-based instructional techniques to maximize learning for students at different developmental stages. Pre-requisite: EDUC 290, PSYC 221; no co-requisites. Fall, Spring.
Credits 3

Economics

ECON-212 : Principles of Microeconomics

This course addresses the effects of economic forces on businesses and individuals; resource allocation, income generation and flow, competitive structures and government regulation. Prerequisite: MATH 105 or higher. This course meets a General Education Core Curriculum requirement. Fall and Spring.
Credits 3

ECON-213 : Principles of Macroeconomics

Theories of income, wealth distribution, employment, economic philosophies and structures, monetary policy, fiscal policy, price level, economic growth and development are topics covered in this course. Prerequisite: MATH 105 or higher. This course meets a General Education Core Curriculum requirement. Fall and Spring.
Credits 3

Education

EDUC-210 : Instructional Technology & Learning Resources

This course requires candidates to demonstrate knowledge and skills in using common software, computer hardware, video and audio devices, and Internet resources. The candidates design and evaluate authentic learning experiences and assessments incorporating contemporary tools and resources to maximize content learning in context and to develop students' knowledge, skills, and attitudes. The candidates advocate and model safe, legal, and ethical use of digital information and technology, including respect for copyright, intellectual property, and the appropriate documentation of sources. This course is required for all teacher licensure programs. Fall, Spring.
Credits 2

EDUC-290 : The Teaching Profession

An introduction to teaching and learning that acquaints the candidate with current issues in education. Candidates explore the nature of educational philosophies and society and the impact on education. Candidates will demonstrate leadership by modeling ethical behavior to contribute to positive changes in practice, and advancing their profession. Clinical field experience required. The course is required for all teacher licensure programs. Fall, Spring
Credits 3

EDUC-330 : Integrated Health and Physical Education for the Elementary Classroom.

Candidates explore common health issues critical to the physical and mental well-being of elementary students while learning principles of age appropriate healthy life choices. Candidates gain an understanding of relevant principles of brain based learning, movement, and physical education applicable to the design and implementation of healthy living practices for elementary students and how they can be integrated across the content areas. Fall, Spring.
Credits 3

EDUC-340 : Instructional and Assessment Strategies

This course presents instructional strategies and assessment, including direct instruction, cooperative learning, inquiry, multiple Intelligences theory, and dimensions of learning as tools for creating inclusive learning environments connected to real life. Candidates are teamed with an experienced peer for the first K-12 Partnership teaching experience. Candidates will demonstrate knowledge and skills in social sciences, science, math, and literacy or specialty area in accordance with K-5, 6-12, and K-12 licensure standards. Clinical field experience required. Fall, Spring.
Credits 3

EDUC-356 : Methods of Teaching Elementary Science/Social Studies

This course prepares teacher candidates to design and implement integrated science and social studies instruction for grades K–5, grounded in state and national standards. Emphasis is placed on creating engaging, inquiry-based learning experiences connected to real-life applications and future careers. Candidates develop and teach interdisciplinary lessons in partnership schools, expanding their instructional strategies while incorporating technology, classroom management, and developmental considerations. Content includes life, earth/space, and physical sciences, as well as World History, American History, and Government/Economics. Required for K–5 majors. Offered in Fall.

Prerequisite/Corequisite: EDUC 210 and EDUC 290 must be taken prior to or concurrently with EDUC 356.
Credits 4

EDUC-360 : Secondary Instructional Methods and Strategies

Organization, strategies, and responsibilities of teaching grades 6-12. Participatory approach to understanding and teaching students in grades 6-12. For secondary candidates. Clinical field experience required. Prerequisites: EDUC 210, EDUC 290. Fall, Spring.
Credits 3

EDUC-370 : Measurement and Evaluation

The course explores the analysis and interpretation of data used in the teaching/learning process. The candidate will apply the scientific method, including the use of probability and inferential statistics to make decisions regarding planning and instruction. The candidate will also develop subjective and objective tests. Clinical field experience required. Fall, Spring.
Credits 2

EDUC-376 : Fundamentals of Literacy

This foundational course introduces a comprehensive, evidence-based approach to effective literacy instruction. This course will focus on the theoretical and practical aspects of children's literacy pedagogy within reading and writing in a developmentally responsive and integrated way. This course will enable candidates to explore the core components of literacy instruction: phonemic awareness, phonics, fluency, vocabulary, and comprehension. Candidates will examine instructional strategies, technologies, classroom assessments, and evidence-based literacy practices critical to creating capable and confident readers. Candidates will engage in activities to enhance learning and implement explicit instructional strategies designed to meet the needs of all learners. Candidates will be able to create detailed lesson plans connecting theory to practice by providing step-by-step procedures in an evidence-based approach to literacy instruction. Clinical field experience required. Fall, Spring.
Credits 3

EDUC-376X : Fundamentals of Literacy - Junior SEWS Writing Requirement

Junior SEWS Writing Requirement. This foundational course introduces a comprehensive, evidence-based approach to effective literacy instruction. This course will focus on the theoretical and practical aspects of children's literacy pedagogy within reading and writing in a developmentally responsive and integrated way. This course will enable candidates to explore the core components of literacy instruction: phonemic awareness, phonics, fluency, vocabulary, and comprehension. Candidates will examine instructional strategies, technologies, classroom assessments, and evidence-based literacy practices critical to creating capable and confident readers. Candidates will engage in activities to enhance learning and implement explicit instructional strategies designed to meet the needs of all students. Candidates will be able to create detailed lesson plans connecting theory to practice by providing step-by-step procedures in an evidence-based approach to literacy instruction. Fall, Spring.
Credits 0

EDUC-380 : Literacy Across Secondary Curricula

This course explores and integrates pedagogical and assessment practices in secondary curricula and focuses on application in content area classrooms. Students will develop their conceptual understanding of disciplinary literacy, as well as learn and apply specific strategies and frameworks for successfully incorporating effective literacy practices in their secondary subject areas. Particularly, secondary education candidates will learn in this course how to create, facilitate, and assess relevant learning experiences in their respective content areas that have opportunities and supports for secondary students to be able to learn how to read, write, think, and talk like an expert in their field. Clinical field experience required. Pre-Requisite: EDUC 290. Fall, Spring.
Credits 2

EDUC-390 : Learning About Learners

This course introduces students to key principles of human learning and development, with an emphasis on applying these concepts in real-world educational settings. Students will examine major learning theories in conjunction with cognitive and emotional development, as well as factors that influence motivation and engagement. A central focus is learning how to teach effectively by understanding how students learn. The course also explores strategies for meeting the needs of learners with a wide range of experiences, abilities, and perspectives. It provides a strong foundation for developing thoughtful, flexible teaching practices that support academic success for all students.
Credits 2

EDUC-414 : Research and Technical Writing in Education

This course is designed to enable candidates to understand and apply basic research principles to promote reflection, self-assessment, and commitment to continuous learning and improvement. Candidates will learn principles of information literacy and utilize the APA style for source-based work. Candidates will learn how to use research strategies and resources to improve teaching and promote student learning and/or professional practice. Required of K-5 majors only. Pre-requisites: EDUC 210, EDUC 290. Fall, Spring.
Credits 1

EDUC-414Z : Research and Technical Writing in Education - Senior SEWS Writing Requirement

Senior SEWS Writing Requirement. This course is designed to enable candidates to understand and apply basic research principles to promote reflection, self-assessment, and commitment to continuous learning and improvement. Candidates will learn principles of information literacy and utilize the APA style for source-based work. Candidates will learn how to use research strategies and resources to improve teaching and promote student learning and/or professional practice. Required of K-5 majors only. Pre-requisites: EDUC 210, EDUC 290. Fall, Spring.
Credits 0

EDUC-420 : Reading Diagnosis and Correction

This course focuses on evidence-based reading intervention strategies to develop candidates' competencies and understanding of the components associated with the theoretical and practical aspects of reading and diagnostic assessment. Candidates will examine the administration and interpretation of diagnostic instruments necessary to evaluate students' strengths and weaknesses for word recognition, phonics and word analysis, fluency, and vocabulary. Candidates will explore the symptoms, causes, and effects of reading disabilities, recommending research-based strategies that provide appropriate interventions to meet student needs. Candidates will create case reports detailing the data-driven decision-making process of diagnosis and originating a course of differentiated corrective and remedial instruction. Course requirements include field experience and clinical practice under the instructor's supervision. To observe classroom behaviors occurring in a naturalistic environment and to provide an authentic learning experience with diagnosing and correcting reading problems. Pre-requisite: EDUC 210, EDUC 290. Co-requisite: EDUC 440. Fall, Spring.
Credits 3

EDUC-440 : Teaching Literacy in the Elementary School

The focus of this course includes major theoretical foundations, principles, procedures, and practices that center around teaching elementary literacy-reading, writing, grammar, speaking, listening, spelling, viewing, and visual representation. Candidates will learn how to integrate different instructional strategies, methods and resources into curriculum they design to help elementary students develop and reinforce their literacy skills. Candidates will become familiar with a variety of instructional resources including phonics, language experience, basal readers, and other literature in helping to develop cognition, reading, and comprehension skills. Candidates will also obtain skills in creating, administering, and evaluating formal and informal classroom-based assessments to identify reading strengths and weaknesses. Clinical field experience required. Pre-requisite: EDUC 210, EDUC 290. Fall, Spring.
Credits 3

EDUC-450 : Methods of Teaching Elementary Mathematics

Current trends, techniques, methods, materials and evaluation of elementary mathematics programs. This course focuses on constructivist approaches to hands-on discovery learning. Pre-requisite: EDUC 210, EDUC 290. Fall, Spring.
Credits 3

EDUC-460 : Methods of Instruction in Secondary Schools

Candidates will learn about the development of pedagogy from sociological, philosophical, historical, and theoretical perspectives which will form their development and delivery of lessons. Candidates will also construct a portfolio that includes a unit plan (10 lessons with support/instructional materials in appendices). Candidates will use technology applications and content that is consistent with the focus of their certification field. Special attention is given to classroom management techniques. Pre-requisite: EDUC 210, EDUC 290, EDUC 360. Fall, Spring.
Credits 3

EDUC-480 : Clinical Practice I

Candidates are introduced to different classroom learning environments and the impact on student self-concept, social interaction, behavior, teaching, and learning. In addition, candidates are introduced to various classroom management models and implementation. Candidates will reflect on K-12 clinical field experiences and demonstrate an understanding of instructional design, implementation, student assessment, classroom learning environments and management, and self-assessment. Clinical field experience required. Pre-requisites: EDUC 210, EDUC 290. Co-requisites: EDUC 414/Z. Fall, Spring.
Credits 2

EDUC-497 : Enhanced Clinical Practice II

Candidates will complete direct teaching experiences in schools serving students with various learning needs and from varied backgrounds. Candidates will participate in intensive and extensive field-based responsibilities, assignments, tasks, activities, and assessments that demonstrate candidates' progressive development of the professional knowledge, skills, and dispositions to be effective educators. Prerequisite: formal admission to Clinical Practice I —Student Teaching and all required PRAXIS testing passed. The course description is mandated by the Tennessee State Board of Education, Tennessee Educator Preparation Policy, 5.504. Pre-requisites: All professional education courses in the licensure program. Fall, Spring.
Credits 9

EDUC-497F : Enhanced Clinical Practice II Seminar

Candidates will complete direct teaching experiences in schools serving students with various learning needs and from varied backgrounds. Candidates will participate in intensive and extensive field-based responsibilities, assignments, tasks, activities, and assessments that demonstrate candidates' progressive development of the professional knowledge, skills, and dispositions to be effective educators. Prerequisite: formal admission to Clinical Practice I—Student Teaching and all required PRAXIS testing passed. Course description is mandated by Tennessee State Board of Education, Tennessee Educator Preparation Policy, 5.504. Pre-requisites: All professional education courses in licensure program. Fall, Spring.
Credits 3

Engineering

CE-402Z : Senior Writing Requirement

Credits 0

ENGR-100 : Engineering Portal

This course provides an introduction to the field of engineering and its impact on society. Emphasis is placed on fundamental engineering concepts, the engineering design process, interdisciplinary teamwork, ethics, and problem-solving. Additional topics include developing interpersonal skills, understanding professional responsibilities, engaging in campus life, and the significance of student and professional organizations.
Credits 1

ENGR-104 : Math Applic in Engineering

This course focuses on the mathematical principles and techniques commonly used in engineering applications. Topics include units and significant digits/figures, linear equations, quadratics, vectors, systems of equations, trigonometry, limits, differentiation, and integration. Students will develop a strong foundation in mathematical methods, emphasizing their application to solve engineering problems and analyze engineering systems. The course aims to enhance problem-solving skills and the ability to apply mathematical concepts effectively in engineering contexts. Pre-requisite: MATH 115 College Algebra
Credits 2

ENGR-105 : Engineering Graphics

This course covers the fundamentals of drafting and technical sketching, including projective geometry, multi-view drawings, reading and interpreting technical drawings, sectioning, and dimensioning. Students will also learn to use computer-aided design (CAD) tools to produce basic civil engineering drawings.
Credits 2

ENGR-106 : Engineering Computer Skills

This course focuses on the use of computers to solve engineering and mathematical problems. Topics include general problem-solving techniques, algorithm development, data analysis, and computational analysis. Students will gain proficiency in using software tools to tackle engineering challenges and enhance computational skills for real-world applications in engineering.
Credits 2

ENGR-199 : Elective

Credits 3

ENGR-200 : Engineering Profession I

This course introduces students to the career opportunities offered by the engineering profession, areas of specialization within the field of engineering, and the professional competencies and career-readiness skills that will prepare them for life as an engineer. Topics include crafting resumes, preparing for interviews, earning professional licensure, and identifying opportunities for co-ops/internships. Students will also be introduced to ethical dilemmas in engineering; the professional responsibility of the engineer with regard to sustainably, risk, safety, and resilience; and an appreciation for the impacts of engineering in global, economic, environmental, and societal contexts.
Credits 1

ENGR-299 : Elective

Credits 3

ENGR-300 : Engineering Profession II

This course reinforces the professional competencies and career-readiness skills that will prepare students for life as an engineer. Students will be introduced to the history of the engineering profession; discuss historical and ongoing ethical dilemmas engineers face; better understand the role of engineers with regard to sustainably, risk, safety, and resilience; further consider the consequences of engineering decisions in global, economic, environmental, and societal contexts; and understand importance of professional skill development and professional licensure. Pre-requisite: ENGR200 Engineering Profession I

Credits 1

ENGR-300X : Junior Writing Requirement

Credits 0

ENGR-304 : Engineering Economics

This course introduces fundamental economic concepts and their application to engineering decision-making. Topics include fixed and variable costs, time value of money, comparison of alternatives, depreciation and income tax, and economic analysis of projects in both public and private sectors. Students will explore break-even analysis, uncertainty and risk analysis, and decision models, equipping them with the tools needed to evaluate and optimize engineering projects from an economic perspective. Pre-requisite: MATH 150 Calculus I

Credits 2

ENGR-399 : Elective

Credits 3

ENGR-400 : FE Review

This course provides a comprehensive review of topics covered in the Fundamentals of Engineering (FE) civil computer-based exam. Topics include mathematics, ethics, engineering economics, statics, dynamics, solid mechanics, materials, fluid mechanics, surveying, water resources, structural engineering, geotechnical engineering, transportation engineering, and construction engineering. The course is designed to prepare students for the FE exam by reinforcing key concepts and problem-solving techniques relevant to the civil engineering discipline. Pre-requisite: Senior Standing

Credits 1

ENGR-401 : Engineering Co-op/Internship

This course offers students practical engineering experience through a supervised internship. Students will apply classroom knowledge to real-world challenges, develop professional skills, and gain industry exposure. Students will maintain a reflective journal, engage in regular check-ins with faculty, and complete a final project showcasing their contributions.

Credits 1

ENGR-499 : Elective

Credits 3

ES-211 : Statics

This course introduces the fundamental principles of mechanics, focusing on the analysis of static systems. Topics include the study of concurrent force systems, statics of particles, and equivalent force/moment systems. Students will explore the concepts of centroids and center of gravity, as well as the equilibrium of rigid bodies. The course also covers the analysis of trusses, frames, and machines, and investigates the internal forces in structural members. Additional topics include the principles of friction and the calculation of second moments of areas. The course emphasizes problem-solving techniques and the application of static principles to real-world engineering scenarios. Pre-requisite: PHYS 151 Calculus-based Physics

Credits 3

ES-212 : Solid Mechanics

This course introduces the fundamental theories of stress and strain, focusing on the behavior of materials under various loading conditions. Topics include the application of these theories to analyze stress distribution, deformation, and instability in simple structural forms. Students will explore material properties, stress-strain relationships, and how these principles are used to assess and predict the mechanical behavior of materials and structures under different forces. Emphasis is placed on the understanding and generalization of these theories for practical applications in engineering design and analysis. Pre-requisite: ES211 Statics
Credits 3

ES-214 : Dynamics

Vector treatment of the absolute and relative motion of particles and rigid bodies. Subjects include: Newtons laws, kinetics of particles and particle systems, work and energy, impulse and momentum, mass moment of inertia, and impact.
Credits 3

ES-250 : Fluid Mechanics

This course provides a comprehensive introduction to the fundamental principles of fluid mechanics. Topics include fluid properties, mass, energy, and momentum conservation laws, and the application of dimensional analysis and modeling. Students will study both laminar and turbulent flow regimes, as well as surface and form resistance in various fluid systems. The course covers flow in pipes and open channels, elementary hydrodynamics, and methods for fluid measurements. Additional focus is placed on the characteristics of hydraulic machines and their applications in engineering systems. Students will develop a deep understanding of fluid behavior and its application in real-world engineering scenarios. Pre-requisite: ES211 Statics; Co-requisite: ES250L Fluid Mechanics Lab
Credits 3

ES-250L : Fluid Mechanics Lab

This lab course offers hands-on experimentation to explore fluid properties, flow behavior, and hydraulic system performance. Students will conduct experiments to reinforce fluid mechanics concepts and apply theory to real-world engineering problems. Co-requisite or Pre-requisite: ES250 Fluid Mechanics
Credits 1

ES-270 : Electrical Science

Electrical circuit theory, Kirchoff's and Ohm's laws, circuit analysis theorems, Norton and Thevenin equivalence. The analysis of resistor circuits, with capacitors and inductors, in DC and AC steady state. Transients and variable frequency responses are studied, including computer solutions to circuit problems.
Credits 3

ME-402Z : Senior Writing Requirement

Credits 0

English

ENGL-099 : Basic Reading, Composition

This is a remedial course and will not satisfy degree requirements for LMU's associate or baccalaureate degrees. Concentrated work in reading, grammar, and language mechanics. Prepares students for ENGL 101. Students scoring 17 and below on the ACT English exam or 460 and below on the SAT Verbal exam will be required to take this course. Fall, Spring. *3 cr hrs toward academic load, but not counted toward the required minimum credits for graduation. This course is a prerequisite for students not meeting admission standards to ENGL101.
Credits 3

ENGL-101 : Composition I

An introduction to the conventions of college-level reading, writing, and research. Emphasis is on the writing process and the improvement of critical thinking, language, and grammar skills. Admission to the course is determined by student writing samples administered in ENGL 099; or successful completion of ENGL 099 with a grade of "C-" or higher; or an ACT English score between 18 and 25; or an SAT Verbal score between 470 and 660. *This course meets a General Education Core Curriculum requirement.* Fall, Spring.
Credits 3

ENGL-102 : Composition II

Extends concepts introduced in ENGL 101 with emphasis on effective writing in response to a variety of reading selections. An important feature of ENGL 102 is information literacy and research-based writing using correct formatting and documentation. Writing intensive. Requires a college-level research paper of significant length, supported by authoritative sources. Prerequisite: "C-" or higher in ENGL 101; or "C-" or higher in one (1) dual enrollment composition course; or 4 or higher on the AP English Language and Composition exams; or 26 or higher on the ACT English exam; or 670 or higher on the SAT Verbal exam. *This course meets a General Education Core Curriculum requirement.* Fall, Spring.
Credits 3

ENGL-240 : Literary Forms

Close reading and analysis of important literary works in a form or genre. Content varies. Writing intensive, includes a research paper. Prerequisite: "C-" or higher in ENGL 101; or "C-" or higher in one (1) dual enrollment composition course; or 4 or higher on the AP English Literature and Composition exams. Fall, Spring. 3 credit hours.
Credits 3

ENGL-250 : Literary History and Culture

Close reading and analysis of major works from an important period of literary history. Content varies. Writing intensive, includes a research paper. Prerequisite: "C-" or higher in ENGL 101; or "C-" or higher in one (1) dual enrollment composition course; or 4 or higher on the AP English Literature and Composition exams. Fall, Spring.
Credits 3

ENGL-300 : Literary Research & Criticism

Traces major critical theories and movements within English as an academic discipline, and introduces students to key tools and strategies of literary research. Prerequisite for all 400-level English courses. Prerequisites: ENGL-101, ENGL-102, and Pre/Co-requisite: ENGL-240 or ENGL-250. Spring.
Credits 3

ENGL-300X : Junior Writing Requirement

Credits 0

ENGL-311 : Topics in British Literature I

Major themes and diverse representative authors from the Anglo-Saxon period through the Neoclassical Period. Prerequisites: ENGL-101, ENGL-102, and Pre/Co-requisite: ENGL-240 or ENGL-250. Course offered once every *three* semesters.
Credits 3

ENGL-312 : Topics in British Literature II

Major themes and diverse representative authors from the Romantic Age to the present. Prerequisites: ENGL-101, ENGL-102, and Pre/Co-requisite: ENGL-240 or ENGL-250. Course offered once every *three* semesters.
Credits 3

ENGL-313 : Topics in Diverse Literatures

Explores texts and films of an ethnic or regional literary tradition, emphasizing significant authors, major themes, cultural contexts, and social issues. Repeatable for credit. Prerequisites: ENGL-101, ENGL-102, and Pre/Co-requisite: ENGL-240 or ENGL-250. Course offered once every *three* semesters.
Credits 3

ENGL-320 : Topics in Children's and Young Adult Literature

Explores topics in children's and young adult (YA) literature, emphasizing significant authors, major themes, cultural contexts, and children's literacy. Prerequisites: ENGL-101, ENGL-102, and Pre/Co-requisite: ENGL-240 or ENGL-250. Course offered once every *three* semesters.
Credits 3

ENGL-320 : Topics in Children's Literature

Major themes and diverse representative authors in children's and young adult literature. Prerequisites: ENGL-101, ENGL-102, and Pre/Co-requisite: ENGL-240 or ENGL-250. Course offered once every three semesters as needed.
Credits 3

ENGL-321 : Topics in American Literature I

Major themes and diverse representative authors from the Colonial Period through the Civil War, including works by women and minority writers. Prerequisites: ENGL-101, ENGL-102, and Pre/Co-requisite: ENGL-240 or ENGL-250. Course offered once every *three* semesters.
Credits 3

ENGL-322 : Topics in American Literature II

Major themes and diverse representative authors from 1865 to the present, including works by women and minority writers. Prerequisites: ENGL-101, ENGL-102, and Pre/Co-requisite: ENGL-240 or ENGL-250. Course offered once every *three* semesters.
Credits 3

ENGL-330 : Topics in Diverse Literatures

Explores texts and films of an ethnic or regional literary tradition, emphasizing significant authors, major themes, cultural contexts, and social issues. Repeatable for credit. Prerequisites: ENGL-101, ENGL-102, and Pre/Co-requisite: ENGL-240 or ENGL-250. Course offered once every three semesters.
Credits 3

ENGL-333 : Children's Book Writing

This course will examine picture books, middle grade, and young adult writing. Students will gain a better understanding of the literature and psychology of young readers, and how to communicate with them through creative writing. Pre-requisites and/or co-requisites: Prerequisites: ENGL-101, ENGL-102, and Pre/Co-requisite: ENGL-240 or ENGL-250. Course offered once every three semesters.
Credits 3

ENGL-350 : Narrative, Healing and the Body

Close reading of literature, poetry, and films to analyze questions pertinent to the health and well-being of individuals and communities, emphasizing the interdisciplinary relationships between humanities and sciences. Prerequisites: successful completion of ENGL-101 and -102 with a grade of C- or higher. Corequisite: ENGL-240/250. *This course meets a General Education Core Curriculum requirement.* As needed.
Credits 3

ENGL-360 : The English Language

Traces the history of the English language and introduces major terms and concepts of grammatical and linguistic analysis. Prerequisites: ENGL-101, ENGL-102, and Pre/Co-requisite: ENGL-240 or ENGL-250. Course offered every *three* semesters.
Credits 3

ENGL-363 : Fiction Writing

Development of student writing projects from conception through final revision in the literary genre of the short story (novel is optional). Includes the close study of the elements and techniques of fiction, analysis of a variety of published works of short fiction, and discussion of student manuscripts. May be repeated for credit. Prerequisites: ENGL-101, ENGL-102, and Pre/Co-requisite: ENGL-240 or ENGL-250. Or permission of instructor. Every third semester as needed.
Credits 3

ENGL-373 : Poetry Writing

Development of student writing projects from conception through final revision in the literary genre of poetry. Includes the close study of the elements and techniques of poetry, analysis of a variety of published poems, and the discussion of students' original poems. May be repeated for credit. Prerequisites: ENGL-101, ENGL-102, and Pre/Co-requisite: ENGL-240 or ENGL-250. Or permission of instructor. Every third semester as needed.
Credits 3

ENGL-383 : Creative Nonfiction

Development of student writing projects from conception through final revision in the literary genre of creative nonfiction (encompasses nature writing, memoir, personal essay, biography, popular history, travel writing, and food writing, among others). Includes published examples of this genre and the discussion of the students' original writing. May be repeated for credit. Prerequisite: ENGL 102 or permission of instructor. Course offered every *three* semesters.
Credits 3

ENGL-384 : Workplace Writing

Writing-intensive course focusing on document types and writing techniques frequently used in workplaces. Letters, reports, memos, and emails are some of the document types covered. Emphasis on professionalism, clarity, and effectiveness of communication. Open to all majors. Prerequisites: ENGL-101, ENGL-102, and Pre/Co-requisite: ENGL-240 or ENGL-250. Offered once every *three* semesters as needed.
Credits 3

ENGL-410 : Shakespeare

A survey of plays and modern film productions, with collateral instruction in Renaissance social backgrounds, Elizabethan stage traditions, textual matters, and modern cultural contexts. Prerequisites: ENGL-101, ENGL-102, and Pre/Co-requisite: ENGL-240 or ENGL-250, or permission of instructor. Offered once every *three* semesters.
Credits 3

ENGL-420 : Modern & Contemporary Literature

Explores significant stylistic and thematic elements in English and American literature from 1900 to the present day. Primary focus on textual considerations, but some attention given to biographical concerns and critical theory. Prerequisites: ENGL-101, ENGL-102, and Pre/Co-requisite: ENGL-240 or ENGL-250, or permission of instructor. Course offered once every *three* semesters as needed.
Credits 3

ENGL-433 : Literary Periods

A critical and historical survey of representative works and authors of a major literary period. May be repeated for additional credit with a different period heading. Prerequisites: ENGL-101, ENGL-102, and Pre/Co-requisite: ENGL-240 or ENGL-250. Annually.
Credits 3

ENGL-433Z : Sr Writing Req

ENGL-443 : Literary Genres

A study of a specified literary form: techniques, style, themes, and problems. Close analysis of representative works of the designated genre and time with emphasis on both formal development and on the relationship of literary form to the dynamics of the time. May be repeated for additional credit with a different genre heading. Prerequisites: ENGL-101, ENGL-102, and Pre/Co-requisite: ENGL-240 or ENGL-250. Annually.
Credits 3

ENGL-443Z : Sr Writing Req

Credits 0

ENGL-453 : Advanced Creative Writing

Development of student writing projects across genres (fiction, poetry, creative nonfiction). Fosters a professional approach to creative writing and creative practice while preparing students for the possible pursuit of a graduate degree in creative writing. May be repeated for credit with additional requirements, but counts only once toward the English major program requirements. Prerequisite: ENGL 240 or 250 and ENGL 363, 373, or 383. Permission of the instructor required. Fall/Spring as needed.
Credits 3

ENGL-498 : Creative Writing Internship

Credits 3

English As Second Language

The infused ESL program of study provides candidates who serve English language learners (ELLs), particularly in grades K- 5, with competency in supporting diverse students with appropriate accommodations and modifications within an evidence-based instructional framework. By choosing one of two tracks, candidates may either (1) select to obtain certification in ESL in addition to an elementary teaching license in order to be qualified to design and implement appropriate language instruction as ESL teachers in a variety of settings, or (2) select ESL preparation without ESL certification in order to master differentiation tools and strategies suitable for increasing ELLs English language skills and provide ELLs and other diverse students with access to the same robust curriculum designed for all students.

EDSL-200 : Foundations of Language Acquisition

Candidates examine how language learning occurs in first language acquisition. Candidates delve into theories of second language acquisition, including cultural, behavioral, psycholinguistic, and sociolinguistic theories. Candidates also reflect on how history, political and legal issues, national policies, and theories influence the teaching of English language learners in the U.S. Course is offered once every three semesters.
Credits 3

EDSL-320 : Assessment and Characteristics of English Language Learners

Candidates learn how to assess English language learners. Focusing on the four language skills of reading, writing, listening and speaking, candidates examine language tests in relation to theories of language use and language teaching goals. Candidates practice planning, writing, and administration of tests, and test analysis. Candidates will become familiar with both informal as well as standardized classroom language assessments. Candidates will be proficient in using varied data sources and other protocols to prevent over-identification of ELLs, whose language skills are developing normally, as having language disabilities. Course is offered once every three semesters.
Credits 3

EDSL-330 : Methods of Instruction and Support for English Language Learners

Candidates plan, implement, and evaluate instructional practices, curricula, and methods of supporting learners in acquiring English. Candidates evaluate a full range of options and supports from bilingual to immersion models. Candidates assess curricular goals in terms of language needs and individualize instruction for all learners with best methodologies for meeting these learners' needs. Clinical field experience required. Course is offered once every three semesters.
Credits 3

English Language Institute

ELI-013 : Grammar,Commun 1

Students develop the ability to understand frequently used words in oral and reading contexts and to understand and respond appropriately to simple phrases and questions. Emphasis on vocabulary building and writing at the sentence level. 2 cr hrs toward academic load, but not counted toward the required minimum of 128 credits for graduation. Grades for the ELI courses will be Pass/Fail. Students will be permitted to repeat only one failed course one time in the sequence of regular ELI classes; enrollment in any one review course (014, 024, 034, 044) disqualifies students from repeating any other ELI course. Advancement between ELI levels will be based on ACT-ESL progress tests.
Credits 2

ELI-014 : Grammar and Comm 1 Review

An opportunity for students who do not pass ELI 013 to review the course material and retest. 2 cr hrs toward academic load, but not counted toward the required minimum of 128 credits for graduation. Grades for the ELI courses will be Pass/Fail. Students will be permitted to repeat only one failed course one time in the sequence of regular ELI classes; enrollment in any one review course (014, 024, 034, 044) disqualifies students from repeating any other ELI course. Advancement between ELI levels will be based on ACT-ESL progress tests.
Credits 2

ELI-023 : Grammar, Commun 2

Students continue to develop the ability to understand frequently used words in oral and reading contexts and to understand and respond appropriately to academic questions. Emphasis on vocabulary building, deriving meaning of new words from context, test-taking skills, and writing at the paragraph level. 2 cr hrs toward academic load, but not counted toward the required minimum of 128 credits for graduation. Grades for the ELI courses will be Pass/Fail. Students will be permitted to repeat only one failed course one time in the sequence of regular ELI classes; enrollment in any one review course (014, 024, 034, 044) disqualifies students from repeating any other ELI course. Advancement between ELI levels will be based on ACT-ESL progress tests.
Credits 2

ELI-024 : Grammar and Comm 2 Review

An opportunity for students who do not pass ELI 023 to review the course material and retest. 2 cr hrs toward academic load, but not counted toward the required minimum of 128 credits for graduation. Grades for the ELI courses will be Pass/Fail. Students will be permitted to repeat only one failed course one time in the sequence of regular ELI classes; enrollment in any one review course (014, 024, 034, 044) disqualifies students from repeating any other ELI course. Advancement between ELI levels will be based on ACT-ESL progress tests.
Credits 2

ELI-033 : Grammar,Commun 3

Students develop speaking and listening skills necessary for participating in classroom discussions. Emphasis on vocabulary building, seeking clarification through re-wording and asking questions, and writing at the essay level. 2 cr hrs toward academic load, but not counted toward the required minimum of 128 credits for graduation. Grades for the ELI courses will be Pass/Fail. Students will be permitted to repeat only one failed course one time in the sequence of regular ELI classes; enrollment in any one review course (014, 024, 034, 044) disqualifies students from repeating any other ELI course. Advancement between ELI levels will be based on ACT-ESL progress tests.
Credits 2

ELI-034 : Grammar and Comm 3 Review

An opportunity for students who do not pass ELI 033 to review the course material and retest. 2 cr hrs toward academic load, but not counted toward the required minimum of 128 credits for graduation. Grades for the ELI courses will be Pass/Fail. Students will be permitted to repeat only one failed course one time in the sequence of regular ELI classes; enrollment in any one review course (014, 024, 034, 044) disqualifies students from repeating any other ELI course. Advancement between ELI levels will be based on ACT-ESL progress tests.
Credits 2

ELI-043 : Grammar,Commun 4

Students continue to develop speaking, listening, and writing skills in the context of guided discourse on personal topics. Continued practice in writing at the essay level, emphasizing logical thought and mechanics of composition. * ELI 023, 033, and 043; 2 cr hrs toward academic load, but not counted toward the required minimum credits for graduation.
Credits 2

ELI-044 : Grammar and Comm 4 Review

An opportunity for students who do not pass ELI 043 to review the course material and retest. 2 cr hrs toward academic load, but not counted toward the required minimum of 128 credits for graduation. Grades for the ELI courses will be Pass/Fail. Students will be permitted to repeat only one failed course one time in the sequence of regular ELI classes; enrollment in any one review course (014, 024, 034, 044) disqualifies students from repeating any other ELI course. Advancement between ELI levels will be based on ACT-ESL progress tests.
Credits 2

ELI-053 : Grammar and Communication 5

This first level English for Academic Purposes course is designed to assist students in developing academic skills in speaking, listening, reading and writing. Emphasis is on improving control of grammatical structures, understanding and applying basic principles of Western rhetoric, and developing critical thinking skills.
Credits 3

ELI-103 : Grammar and Communication 6

This second and final level English for Academic Purposes course is designed to assist students in developing academic English skills in the areas of listening, speaking, reading, and writing, with an emphasis on improving control of grammatial structures, developing academic vocabulary, and applying critical thinking and learned strategies for ensuring success in the college classroom. Additional emphasis is placed on research for the development of academic writing and oral presentations. Pre-requisite: ELI 101 or TOEFL paper score of 500-525 (TOEFL iBT 61-70).
Credits 3

ESL-101 : Intrcultural Comm, West Rhetoric I

This first level English for Academic Purposes course is designed to assist international students in developing academic fluency in the four skills of English (listening, speaking, reading, and writing). The emphasis is on developing critical thinking skills. We will also explore how various rhetorical traditions affect both written and verbal communication. Students learn how to apply basic principles of western rhetoric to essays and power point presentations. Pre-requisite: TOEFL paper score between 500 and 527 (TOEFL iBT 61-71).
Credits 3

ESL-102 : Intercultural Comm, West Rhetoric II

This second and final level English for Academic Purposes course is designed to assist international students in further developing English skills. The emphasis is on academic writing, with special attention to thesis writing and research skills. Pre-requisite: ESL 101.
Credits 3

Environmental Science

ENVS-100 : Introduction to Environmental Science

This course will introduce students to life processes including man's interrelationships with the biological and physical environment. Course discussion will also focus on environmental relationships between flora and fauna. Students will gain insight into the role of science in investigating and finding solutions to environmental problems and the limits to scientific efforts. An appreciation for the value of the natural environment and its conservation will be stressed. This course includes laboratory assignments that support the Environmental Science lecture material. *This course meets a General Education Core Curriculum requirement.* Spring.
Credits 4

Exercise Science

AHSC-300 : Medical Terminology

A comprehensive study of the medical terminology related to all major body systems and their corresponding medical specialties. Definition, interpretation, and pronunciation of medical terms as they relate to health and disease and to communication within the field of healthcare. Fall and Spring.
Credits 3

HLTH-425 : Sport and Exercise Nutrition

An in-depth look at nutrients and how they relate to athletic performance; nutritional consultations and problem solving, weight management, critical nutrition for different energy systems, considerations for special population athletes, guidelines for a career in sports nutrition. Pre-Requisite is HLTH 210. Fall and Spring.
Credits 3

PEXS-200 : Introduction to Sport and Exercise Science

Principles underlying the normative, sociological, biological, philosophical, and historical foundations of physical education and kinesiology. Fall.
Credits 2

PEXS-265 : Injury Prevention & Emergency Management

This course is designed to provide the student with an introduction to sports first aid and injury prevention. It involves fulfilling the role of being a competent first responder to athletic injuries and illness. Fall and Spring.
Credits 3

PEXS-271 : Anatomy & Physiology for Sport

The human body, organs and organ systems, and functions related to physical activity and sports. As needed.
Credits 3

PEXS-275 : Technology for Sport & Exercise Science

The purpose of this course is to familiarize and enhance Health, Physical Education, and Exercise Science majors with technology skills to support them in their field, including the K-12 setting. This course includes personal computer use in creating materials to enhance instruction and aid in assessment. Also included are other technologies, such as tablet devices (iPads), heart rate monitors, bioelectrical impendence, dartfish, and various field related software and internet tools. Spring
Credits 2

PEXS-295 : Special Topics

A Special Topic course (195, 295, 395, 495) is a limited time offering, by an Academic Department, of a course not listed in the undergraduate catalog. Special Topic courses are designed and offered by full-time faculty members and provide an opportunity to (a) offer a course that addresses a recently emerging issue, (b) pilot a course before submission for approval as a regular offering in the undergraduate programs course catalog, and/or (c) provide a limited offering of a topical course to enrich and expand offerings based on current student and faculty interest. Special Topic courses must be approved by (a) the department chair and (b) the school Dean. The Course Approval Form documenting departmental and school approval, as well as the course syllabus, will be archived in the Dean's Office. Special Topic courses cannot be used as course equivalent substitutions for satisfying LMU's General Education Core Curriculum requirements. The Department Chair can approve a Special Topic course as an elective toward a major. A Special Topic course can be taught as many as three times before it must be submitted to Academic Council for consideration as a regular course offering to be published in the Undergraduate Programs Catalog.
Credits 1
-3

PEXS-300 : Exercise Physiology

Components of physical fitness and athletic conditioning, adaptations in the body that result as consequence of short- and long-term exercise. Risk factors encountered by athletes and others involved in physical activity and the development of fitness and conditioning programs. Prerequisite: BIOL 261 and 262 with corequisite labs or BIOL 310 and 365 with corequisite labs. Fall
Credits 3

PEXS-300X : Jr. Writing Requirement

Usually for Exercise and Rehabilitative Sciences
Credits 0

PEXS-303 : Application of Exercise Physiology I

Laboratory experiences examining the topics of homeostasis, bioenergetics, cell metabolism, and hormone responses as they relate to exercise. Additional topics to be covered are acute and chronic responses of the immune, nervous, skeletal, muscular, circulatory, and respiratory systems to exercise. Also included are acid-base balance, temperature regulation, and the physiology of training effect on various performance factors. Co-requisite: PEXS 300. Fall.
Credits 1

PEXS-310 : Measurement & Evaluation for Sport & Exercise Science

This course will enable the student to apply statistical techniques to become an effective evaluator of student achievement and design or select tests to effectively evaluate students in many different areas from skill achievement, deficiencies, present level of fitness to cognitive abilities. The course will also cover written construction, fitness and health related fitness/wellness evaluation for elementary, middle, secondary and college age students. Prerequisites: Math 110 or higher. Fall.
Credits 3

PEXS-313 : Issues in Sport- Youth Through Young Adult

A theoretical approach to multiple social and ethical issues in youth and young adults. Examines positive and negative influences in youth and young adults in sports. As needed.
Credits 3

PEXS-320 : Legal Aspects of Sports

This course provides a foundation of legal knowledge for students to apply to the sport industry and opportunities for students to engage with the legal information through assignments and examinations. Topics to be discussed include sports in society, torts, risk management, discrimination, drug testing, contracts, antitrust law, labor relations, agents, intercollegiate and interscholastic athletic issues, and international sports. As needed.
Credits 3

PEXS-344 : Human Learning & Psychomotor Development

The acquisition of motor skills of functional movement skills, and developmental and neuromotor changes across the lifespan. Principles and theories of selected concepts in skill development and a framework for their application in clinical practice, coaching and teaching. Spring
Credits 3

PEXS-350 : Sport and Exercise Psychology

This course is a detailed study of the application of selected psychological variables for coaches and individuals who participate in physical activity and sport. Variables such as motivation, stress, arousal, and various intervention techniques that significantly affect the acquisition and performance of skilled behavior will be studied. Spring
Credits 3

PEXS-354 : Techniques & Coaching of Sports Skills

This course is designed to provide a theoretical foundation for research in the development of cognitive and motor processes which underlie skilled sport performance. Emphasis is on the acquisition and integration of sports skills strategies and sports skills.

Credits 3

PEXS-360 : Games and Dance

Teaching basic games, gymnastics, dance, and rhythm activities for the skilled, unskilled, and special needs learner. As needed.
Credits 3

PEXS-372 : Kinesiology & Biomechanics

Basic movement and function of the muscular and skeletal systems; application of basic physics and biomechanical principles to improve sport performance. Prerequisites: BIOL 261 and 262 with corequisite labs or BIOL 310 and 365 with corequisite labs. Spring.
Credits 3

PEXS-385 : Scientific Foundations of Strength & Conditioning

This course is intended to serve as preparation for the certified strength and conditioning specialist examination. It will include material covering the concepts and applications of the exercise sciences, nutrition sciences, performance enhancing substances, psychology of performance, and age-and sex-related differences in regards to resistance training. Prerequisites: PEXS 300
Credits 3

PEXS-386 : Practice & Application of Strength & Conditioning

This course is intended to serve as preparation for the certified strength and conditioning specialist examination. It will include material covering the concepts and applications of testing and evaluation, exercise techniques, program design, and organization and administration of resistance training. Prerequisites: BIOL 261 and 262 with corequisite labs or BIOL 310 and 365 with corequisite labs. Recommended: PEXS 300.
Credits 3

PEXS-400 : Exercise Physiology II

This course functions as an advanced supplement to PEXS 300 Exercise Physiology. In addition to reviewing the major concepts from PEXS 300, this course will also focus on topics such as: Acid-base balance during exercise, temperature regulation, chronic disease, exercise prescriptions for health and fitness, exercise for special populations, factors affecting performance, training for the female athlete, children, special populations, and the masters athlete. This course will also involve more intensive laboratory experiences. Prerequisite: PEXS 300. Spring.
Credits 3

PEXS-403 : Application of Exercise Physiology II

This course will cover the topics of homeostasis, bioenergetics, cell metabolism, and hormone responses as they relate to exercise. Additional topics to be covered are acute and chronic responses of the immune, nervous, skeletal, muscular, circulatory, and respiratory systems to exercise. Also included are acid-based balance, temperature regulation, and the physiology of training effect on various performance factors. Prerequisite: PEXS 300, Corequisite: PEXS 400. Spring.
Credits 1

PEXS-430 : Organization and Administration

Principles and procedures of organization, supervision, planning, budgeting, evaluation, and legal responsibilities in physical education, sport, and athletic training programs. Spring
Credits 3

PEXS-434 : Foundations & Administration of Healthcare Programs

Principles and procedures of administration, supervision, planning, budgeting, human resources, legal liability concerns and administrative issues concerning the operation of a health care facility. Foundations and administrative issues concerning the operation of an health care facility with practical hands-on approach. Fall.
Credits 3

PEXS-435 : Exercise Prescription

This course is designed to introduce the student to the parameters of exercise prescription for various special populations, including pregnant women, children and adolescents, older adult, cardiac disease, environmental considerations, and other various disease states. The course will also include information on exercise testing in pre-exercise, health-related physical fitness, and clinical settings.
Credits 3

PEXS-436 : Ergogenic Aids in Sports

Ergogenic Aids are defined as substances, nutritional supplements, or practices intended to increase sport performance. This course educates students of the positive and negative uses of ergogenic aids. An evidence-based approach will be taken to evaluate the most current literature regarding the usage and safety of relevant ergogenic aids as well as prevention of ergogenic aid abuse and misuse. Current usage guidelines, limitations, consequences, and ethical considerations regarding certain ergogenic aid usage will be discussed. Prerequisites: PEXS 300 and HLTH 425. As needed.
Credits 3

PEXS-440 : K-12 Curriculum & Methods in Physical Education

Principles and procedures for developing a comprehensive physical education curriculum for the K-12 grades. Prerequisites: PEXS 372, 310, and 344. As needed.
Credits 3

PEXS-444 : Advanced Sports Emergency Care

This course is designed to provide the student with advanced knowledge and skills to meet the needs of most injury situations when emergency first aid and care is critical to saving a life and minimizing the severity of injuries. The course includes examining risk management, prevention strategies, various risk factors related to sports and exercise, and discussion of personal safety and accident prevention. Prerequisite: HLTH 120. Fall.
Credits 3

PEXS-450 : Leadership in Sports & Coaching

Motivation, conditioning practice and game preparation, budget, strategies, public relations, and coaching ethics. As needed.
Credits 3

PEXS-474 : Injury Evaluation of Upper & Lower Extremities

Analysis of musculoskeletal injuries and conditions of the extremities, injury pathology, evaluation techniques, and orthopedic assessment as pertaining to the upper extremity and lower extremity. Prerequisite: PEXS 372. Fall.
Credits 3

PEXS-476 : Evidence Based Practice & Research Methods

This course will focus on outlining the foundations of evidence based practice and research in healthcare. The student will gain a basic understanding of principles in evidence based practice and how to incorporate those principles into clinical practice. Prerequisite: at least Junior classification and completion of the Junior writing requirement. Fall.
Credits 3

PEXS-480 : Physical Education for Special Populations

Identification of abnormalities and classification of special cases requiring modified physical education; methods of assisting special needs individuals to adapt. Prerequisite: Junior/Senior classification. As needed.
Credits 3

PEXS-485 : Research Methods

This course is designed to introduce students to methods and statistics common to Exercise Science and Health research. Specifically, students will develop a working knowledge of how to interpret published research, design research, analyze data, and present research in a scientific format. Students will learn the basic concepts of research and the research process. Students will prepare and present a research proposal as part of this course. Prerequisite: PEXS 310.
Credits 3

PEXS-486 : Practical Application of Sport Science

This course will cover the topics of training load, developing testing protocols, different methods of calculating training load, statistical analysis of training load data, statistical analysis of testing data, using training load data to predict and prevent athletic injuries, using training load data to prevent overtraining syndrome in athletes, and communication of data to the sport coach. Prerequisite: PEXS 386. Recommended: PEXS 400. As needed.
Credits 3

PEXS-487 : Therapeutic Modalities in Healthcare

Provides students with foundational knowledge of electrotherapy, therapeutic modalities, ultrasound, and current trends in therapeutic modalities. Prerequisite: PEXS 476. Spring.
Credits 3

PEXS-488 : Rehabilitation & Therapeutic Exercise

Practical applications of rehabilitation and therapeutic exercise techniques related to general rehabilitation concepts. Prerequisite: PEXS 476. Spring.
Credits 3

PEXS-493A : Practicum in Exercise Science

This course is intended to serve as a capstone experience for the Exercise Science student. This is a course in which the student will demonstrate all that they have learned throughout the program through papers and presentations. Students will have 2 credits standard lecture and one (1) credit field experience with 60 contact hours. Fall and Spring.
Credits 3

PEXS-493B : Practicum in Coaching

Supervised experience in a coaching environment, assisting in design of practice and game plans, workouts, and learning experiences. Students will have two (2) credits standard lecture and one (1) credit field experience with 60 contact hours. As Needed.
Credits 3

PEXS-493C : Practicum in Strength & Conditioning

This course is intended to serve as preparation for the certified strength and conditioning specialist examination. It will include a review of the material covered in PEXS 385 and 386 such as: the concepts and applications of the exercise sciences, testing and evaluation, exercise techniques, program design, and organization and administration. Students will have two (2) credits standard lecture and one (1) credit field experience with 60 contact hours. Prerequisite: PEX 386. As needed.
Credits 3

PEXS-493D : Practicum in Sport

This course is intended to serve as a capstone for the Exercise Science student in the Sport Concentration. Deeper exploration into the job of coaching and/or strength and conditioning coaching. As needed.
Credits 3

PEXS-494 : General Medical Considerations in Sports Therapy

Provides students foundational knowledge in the common medical conditions and pharmacological interventions associated with the body systems (digestive, sensory, nervous system, urinary system, immune system, skin disorders/ integumentary system, endocrine disorders, lymphatic system, cardiovascular and respiratory systems). Spring.
Credits 3

PEXS-495 : Special Topics

A Special Topic course (195, 295, 395, 495) is a limited time offering, by an Academic Department, of a course not listed in the undergraduate catalog. Special Topic courses are designed and offered by full-time faculty members and provide an opportunity to (a) offer a course that addresses a recently emerging issue, (b) pilot a course before submission for approval as a regular offering in the undergraduate programs course catalog, and/or (c) provide a limited offering of a topical course to enrich and expand offerings based on current student and faculty interest. Special Topic courses must be approved by (a) the department chair and (b) the school Dean. The Course Approval Form documenting departmental and school approval, as well as the course syllabus, will be archived in the Dean's Office. Special Topic courses cannot be used as course equivalent substitutions for satisfying LMU's General Education Core Curriculum requirements. The Department Chair can approve a Special Topic course as an elective toward a major. A Special Topic course can be taught as many as three times before it must be submitted to Academic Council for consideration as a regular course offering to be published in the Undergraduate Programs Catalog.
Credits 1
-3

PEXS-497 : Senior Seminar in Exercise & Rehabilitation Sciences

Course will serve as a capstone for the Sport Therapy concentration and include discussions of topics relevant to professionals in various sports therapy professions. Students will complete practice written and practical test. PEXS 497 represents the culmination of the academic and clinical progression through the Sports Therapy concentration. Prerequisite: PEXS 476. Spring.
Credits 3

PEXS-498 : Sport & Exercise Science Internship

Staff/apprentice work experience at an approved business/agency directly related to sport and exercise science. Each credit hour earned requires 60 hours of logged, on-duty work. The student must submit a written report or journal at the conclusion of the internship. The internship is monitored and evaluated by a faculty sponsor, in verification and close consultation with the supervising representative of the business/agency. (LMU retains ultimate control and supervision of the internship). It maybe repeated once a year.Pre-requisites: at least a Junior classification and approval of instructor and Department Chair. Summer, Fall, Spring as needed.
Credits 1
-6

Finance

FIN-350 : Bank Management

This course will examine the operation of financial institutions, focusing on the identification and analysis of problems faced in the changing economic environment. The class will also consider competition, growth, profitability, and regulation of financial intermediaries. Pre-requisites: FIN 360. Fall.
Credits 3

FIN-360 : Corporate Finance

This course is an introduction to issues relating to business finance, focusing on corporate finance. The course will introduce financial markets, financial planning, forecasting and evaluation. The course will concentrate on the time value of money and its use in valuing financial assets and evaluating risk and return. The course will also include an introductory discussion on weighted average cost of capital, capital budgeting, capital structure, and short term financial management, and financing assets. Pre-requisites: ACCT 210, BUSN 270 OR MATH 270 or permission of instructor. Fall and Spring.
Credits 3

FIN-370 : Financial Markets & Institutions

The objective of the course is to prepare students for today's dynamic financial environment. The course will emphasize both theory and application of the underlying drivers of the domestic and international financial market systems. Key topics of emphasis in the course, among others, will be risk management, determinants of interest rates, foreign exchange markets and financial institutions. Spring.
Credits 3

FIN-380 : Investment Analysis & Portfolio Management

This course gives students an in depth knowledge of investments and portfolio analysis. It introduces students to the investment environment, asset classes and financial instruments. It also rigorously teaches and emphasizes topics such as risk and return, capital allocation to risky assets, optimal risky portfolios, the capital asset pricing model, behavioral finance, and technical analysis, among others. Additionally, the course will give students an in-depth and hands-on knowledge of equity investments. Prerequisites: FIN 360 or FIN 370. Fall.
Credits 3

FIN-420 : Advanced Financial Management

This course provides an in-depth knowledge of topics beyond basic corporate finance. The course teaches advanced topics such as corporate valuations, project valuations, strategic planning decisions, tactical financing decisions, working capital management, and among others. Students will be challenged to apply the concepts using practical business cases. Spring.
Credits 3

FIN-430 : Financial Forecasting & Budgeting

Budgeting is critical to the survival and success of any firm. This course, therefore, gives students an in-depth of strategic. Operating and capital budgets. This knowledge includes but is not limited to the preparation, review. Execution and audit of budgets. Students are also exposed to quantitative forecasting, which will teach students essential tools such as moving averages and smoothing techniques. The course uses case studies to challenge students to evaluate, assess and resolve real business budgetary issues. Spring.
Credits 3

French

FREN-111 : Beginning French I

Introduces modes of French communication and emphasizes conversational language through application of grammatical structures to vocabulary. Includes listening and reading comprehension. *When taken in sequence, FREN 111 and FREN 112 complete a Bachelor of Arts Foreign Language requirement*. Fall, Spring.
Credits 3

FREN-112 : Beginning French II

Introduces modes of French communication; emphasizes conversational language through application of grammatical structures to vocabulary. Includes listening and reading comprehension. Prerequisite to FREN 112: FREN 111 or one year of high school French. *When taken in sequence, FREN 111 and FREN 112 complete a Bachelor of Arts Foreign Language requirement.* Fall, Spring.
Credits 3

Geography

GEOG-100 : Introduction to Geography

Survey of the broad-scale study of geography as a science. Topics covered include cartography, weather and climate, oceans, landforms, natural resources, human impacts on the environment, as well as cultural, political, economic, and urban geography. General Education Core Curriculum, Behavioral/Social Sciences. *This course meets a General Education Core Curriculum requirement*. Every Spring.
Credits 3

GEOG-110 : World Regional Geography

Examines cultural, political, economic, and environmental relationships among countries, grouped by region; regions are designated by physical locations as well as by the cultures and histories that make them unique. General Education Core Curriculum, Behavioral/Social Sciences. *This course meets a General Education Core Curriculum requirement.* Fall.
Credits 3

GEOG-120 : Int Phy Geog: Planet Earth

This course will focus on the four major components of the natural environment (atmosphere, biosphere, hydrosphere, and lithosphere), including their character, distribution, origin, and relationship with humans. *This course meets a General Education Core Curriculum requirement*. Fall and Spring.
Credits 3

GEOG-120L : Int Phy Geog: Planet Earth Lab

This course is the Lab for GEOG 120 and must be taken with GEOG 120. *This course meets a General Education Core Curriculum requirement*. Fall and Spring.
Credits 1

GEOG-211 : Intro to Human Geography

In this course, human geography is studied through five culture themes: region, diffusion, ecology, interaction, and landscape. Major content areas include language, ethnic, political, agriculture, transportation, industrial, and urban geography. As needed.
Credits 3

GEOG-300 : Environmental Geography

Examines the effects that humans have on different parts of the physical environment (such as air, oceans, fresh water, forests, etc.) as a result of how humans live. Emphasis on how human search for, and use of, natural resources disturbs natural systems and what can be done to minimize the disturbance. Prerequisite: Successful completion of ENGL 210 or its equivalent. Fall.
Credits 3

GEOG-350 : Geography of Religion

Examines the origin and diffusion of the major world religions. Historical and social circumstances that led to main doctrines are explored. Emphasis on current distribution and how religions leave an imprint on the human and physical landscapes. Prerequisite: Successful completion of ENGL 210 or its equivalent. Spring.
Credits 3

GEOG-440 : Geography of Appalachia

Examines the sub-regions of Appalachia, with emphasis on the settlement, economic, environmental, and cultural histories of southern Appalachia. Modern issues are examined, including environmental and social justice, cultural shifts, education, and the economy. Prerequisite: Successful completion of ENGL 102 or its equivalent. As needed.
Credits 3

GEOG-496 : Independent Study

Advanced study of geographical science as defined by the instructor for the upper-level student pursuing a minor in Geography. Prerequisites: successful completion of ENGL 210 and consent of instructor. This course may be repeated for a maximum of 6 credits. Fall/Spring as needed.

GEOG-498 : Internship

Staff/apprentice work experience at an approved business/agency directly related to geography. Each credit hour earned requires 60 hours of logged, on-duty work. The student must submit a written report or journal at the conclusion of the internship. The internship is monitored and evaluated by a faculty sponsor, in verification and close consultation with the supervising representative of the business/agency Lincoln Memorial University retains ultimate control and supervision of the internship. Prerequisites: minimum of Junior classification, successful completion of ENGL 102 or its equivalent, and approval of the program director. Fall and Spring.
Credits 1
-3

Health

HLTH-120 : Safety, First Aid, CPR

The focus of this course is to prepare the participant to develop the principles and techniques of basic first aid, including CPR and AED. Hybrid format. Fall and Spring.
Credits 2

HLTH-210 : Nutrition

Nutrients associated with normal body functioning, nutritional issues and the life cycle, weight management, diet therapy, clinical care, and disease prevention. Fall and Spring.
Credits 3

HLTH-230 : Family Living

Concepts of healthy and wholesome relations in friendships, dating, courtship, marriage, and the family unit. Roles and responsibilities of family members; methods of dealing with family problems. As needed
Credits 3

HLTH-310 : Nutritional Considerations Across the Lifespan

The course focuses on the relationship between nutrition and critical lifespan states. Basic information on nutrition will be discussed, as well as nutritional requirements for individuals ranging from the specialized needs of newborns to the elderly. Other topics include the specialized nutritional needs for individuals with compromised health states. Prerequisites: HLTH 210 OR enrollment in the Nursing Program. As needed.
Credits 3

HLTH-320 : Public Health

This course provides a basic introduction to public health concepts and practice by examining the philosophy, purpose, history, organization, functions, tools, activities, and the results of public health practice at the national, state, and local levels. The impact of health disparities in urban communities is discussed. The function of the Bureau of Health Professions of the Health Resources Services Administration (HRSA) is studied. The course aims to stimulate interactions among students around important problems and issues facing the health of the nation and the world. As needed.
Credits 3

HLTH-330 : Consumer and Environmental Health

Health products and services related to consumer safety; emphasis on developing consumer skills, including knowledge of governmental agencies. Various environmental health hazards related to disease, pollution of water, air, noise, and overpopulation; includes the interrelation of man, environment, and disease. As needed.
Credits 3

HLTH-340 : School Health Programs and Services

Community agencies and resources. Projects relevant to school health programs; instructional materials for grades K-12. Emphasis on school health services, school health education, and healthful living. As needed.
Credits 3

HLTH-360 : Drug Awareness

Classes of commonly used and abused drugs. Psychological and sociological factors that influence drug experimentation and persistent drug use. Emphasis on methodology and techniques of teaching drug education and prevention. Fall and Spring.
Credits 3

HLTH-410 : Food Aspects of Nutrition

The course focuses on the effects of food safety with regard to nutrition. Individual food borne pathogens will be discussed as well as processing and handling techniques to help prevent food borne illnesses. The controversies surrounding nutritional health in relation to food additives, animal growth hormones, antibiotics in animal feed, pesticide use, food allergies and genetic engineering will be explored. The history of food regulation and current food safety laws will also be discussed. Prerequisites: HLTH 210 or HLTH 310; or BIOL 230 with corequisite lab; OR both BIOL 261 and 262 with corequisite labs.
Credits 3

HLTH-414 : Contemporary Issues in Health & Fitness

This course is a survey of personal health including overviews of dimensions in wellness; physical, emotional, intellectual, interpersonal, cultural, spiritual, environmental, financial, and occupational. Learning tools will assist students in educating others in the areas of activity levels, nutrition, and stress, while taking into consideration individual characteristics. Insight into what is needed for meaningful and lasting behavior change at all stages of life will be provided in this course. As needed.
Credits 3

HLTH-425 : Sport and Exercise Nutrition

An in-depth look at nutrients and how they relate to athletic performance; nutritional consultations and problem solving, weight management, critical nutrition for different energy systems, considerations for special population athletes, guidelines for a career in sports nutrition. Pre-Requisite is HLTH 210. Fall and Spring.
Credits 3

HLTH-470 : Health of the Elderly

Later stages of the life cycle; biological and chronological aging. Topics include Medicare, Medicaid, mental health and stress, nutrition, medication, chronic diseases, physical fitness, insurance, long and short-term health care, death and dying, and relationships. As needed.
Credits 3

HLTH-493 : Practicum in Health

Placement in a school health environment or health related agency. Students will have field experiences with 60 contact hours. The practicum is monitored and evaluated by a faculty sponsor, in verification and close consultation with the supervising representative of the business/agency. LMU retains ultimate control and supervision of the internship. As needed.
Credits 3

Healthcare Administration

HCA-300 : Introduction to Healthcare Administration

Studies health systems in the United States and other countries, with emphasis on such management issues as the ability to deliver healthrelated services, their cost, and their operations within a legal framework. Included in the topics are discussions of such major developments as prepaid group practice, managed care, national health insurance, planning for healthcare, and an overview of the issues associated with these developments. Fall.
Credits 3

HCA-410 : Research and Informatics in Healthcare

A systems approach to introduce the foundational concepts of health informatics as the basis for inter-professionalism and collaboration among a broad range of public health and healthcare professionals. This writing intensive course discusses the principles and process of research and evidence-based practice in healthcare. Common communication techniques utilized in healthcare are reviewed and discussed. Students conduct a literature review, explore appropriate research designs, explore data collection techniques, apply statistical analysis, and practice professional writing skills. Spring.
Credits 3

HCA-414 : Patient/Resident Care and Quality of Life

Examines the application of management techniques with special emphasis on the different types of populations encountered in various facilities. Emphasis on different facilities and expectations involved in patient and long-term resident care service. Fall.
Credits 3

HCA-415 : Physical Environment & Atmosphere in Healthcare Facilities

Examines the unique physical environment in healthcare facilities. Special emphasis will be placed on the atmosphere in care settings' as experienced by patients, their families, and health care staff. Fall.
Credits 3

HCA-498 : Healthcare Administration Internship

Students may schedule an internship. The internship component of the program provides students with the opportunity to obtain experience within an area of health care. This course provides on-thejob experience directed by a member of the School of Business faculty. The internship is monitored and evaluated by a faculty sponsor, in verification and close consultation with the supervising representative of the business/agency. LMU retains ultimate control and supervision of the internship. Sixty (60) contact hours per semester hour of credit is required. May be repeated to a total of 9 credit hours and applicable to program and/or degree requirements.
Credits 3

History

HIST-121 : World History to 1500

This course surveys World History before approximately 1500 CE. *This course meets a General Education Core Curriculum requirement*. Fall, Spring.
Credits 3

HIST-122 : World Hist Since 1500

This course surveys World History after approximately 1500 CE. *This course meets a General Education Core Curriculum requirement*. Fall, Spring.
Credits 3

HIST-131 : American History to 1877

This course surveys the history of the United States from the Europeans' first contact with the Americas to the end of Reconstruction. *This course meets a General Education Core Curriculum requirement. Fall, Spring.*
Credits 3

HIST-132 : American Hist Since 1877

This course surveys the history of the United States from the end of Reconstruction to the turn of the twenty-first century. *This course meets a General Education Core Curriculum requirement*. Fall, Spring.
Credits 3

HIST-250 : Introduction to Public History

This course introduces the skills, issues, and challenges encountered in careers in Public History. No prerequisites. Fall/Spring as needed.
Credits 3

HIST-300 : Introduction to Historical Studies

This course introduces History as an academic discipline and the kinds of assignments in typical History courses. During the semester, the students will complete a major research project with a presentation. This course must be taken concurrently with HIST-300X. Students must earn a minimum of a C- or better in two attempts or fewer to earn a History degree. Prerequisite: must have six credit hours of History or permission of instructor. Fall.
Credits 3

HIST-300X : Jr. Writing Requirement

This course is the Junior SEWS writing requirement for History majors and must be taken concurrently with HIST-300. Students must earn a minimum of a C- or better in two attempts or fewer to earn a History degree. Prerequisite: must have six credit hours of History or permission of instructor. Fall.

HIST-310 : Colonial America

This course examines the history of the thirteen British colonies in North America from 1607 CE to 1763 CE, including an emphasis on the establishment of colonies, institutions, values, and the growth of a culturally and ethnically diverse population, as well as conflicts with Native Americans, French, and the Spanish in
British North America. Prerequisite: must have six credit hours of history or permission of instructor. Fall/Spring as needed.
Credits 3

HIST-320 : History of Tennessee

This course examines the history of Tennessee from its Native American roots to the present, including an emphasis on the state's relationship to national history. Prerequisite: must have six credit hours of History or permission of instructor. Fall/Spring as needed.
Credits 3

HIST-330 : Native American History

This course examines the culture and history of Native America, beginning with societies in Central, South, and North America prior to encounters with European civilizations, and ending in the present day. There is a general emphasis on Indigenous people within the United States, and a particular focus on the evolving nature of diplomacy, society, politics, law, and warfare among the many Indigenous peoples of this country, as well as United States history as a whole. Prerequisite: must have six credit hours of History or permission of instructor. Fall/Spring as needed.
Credits 3

HIST-340 : Medieval History

This course is an introductory survey of medieval society, culture, and politics, beginning with the decline of the Roman Empire through the fifteenth century. Prerequisite: must have six credit hours of History or permission of instructor. Offered every three years or as needed.
Credits 3

HIST-344 : British History to 1688

This course surveys British History to 1688 CE and focuses more on England. Prerequisite: six credit hours of History or permission of instructor. Fall every even year.
Credits 3

HIST-345 : British History Since 1688

This course surveys British History from 1688 CE to the present. Prerequisite: must have six credit hours of History or permission of instructor. Spring every odd year.
Credits 3

HIST-346 : Ancient Greece

This course explores Greek civilization from the Bronze Age to the Hellenistic period (approximately 323 BCE). Prerequisite: must have six credit hours of History or permission of instructor. Offered every three years or as needed.
Credits 3

HIST-348 : Modern Middle East & North Africa

This course examines the history of the Modern Middle East and North Africa from approximately 1770 CE to the present. Prerequisite: must have six credit hours of History or permission of instructor. Fall/Spring as needed.
Credits 3

HIST-350 : America, Asia, and Pacific

Covers the relationship between the United States and the Asian and Pacific regions during the nineteenth and twentieth centuries. Examines how and why America acquired and ruled over Hawaii and the Philippines. Also examines American economic, military, and diplomatic involvement with China and Japan. Emphasis on cultural contact and the links between domestic affairs and foreign relations. Fall/Spring as needed.
Credits 3

HIST-354 : Latin America

This course examines the history of Latin America from the pre-Columbian era to the end of the twentieth century. Particular focus is placed on the roles of religion, race, and economics in shaping the region. Prerequisite: must have six credit hours of History or permission of instructor. Fall/Spring as needed.
Credits 3

HIST-360 : History of Rome

This course surveys the history of Rome from the beginning of the Roman Republic in 509 B.C.E. to the decline of the western Roman Empire in 476 C.E. It will focus on the development of political and military institutions, Roman expansion, and the interaction between Romans and the many cultural groups who interacted with them. Special emphasis will be given to the creation and change in Roman civilization over time, and its legacy to western civilization. Must have six credit hours of history or permission of instructor. Fall every third year.
Credits 3

HIST-370 : History of Appalachia

This course surveys the history of the Appalachian region of the United States. Special attention is given to Native American peoples of the region, environment and ecology, the effects of European settlement and colonization, the industrial era of the late nineteenth century, and the many social and political changes that have affected the region in the twentieth and twenty-first centuries. Prerequisite: must have six hours of History or permission of instructor. Fall/Spring as needed.
Credits 3

HIST-380 : Modern South Asia

This course examines the history of Modern South Asia from roughly 1715 CE to the present. Prerequisite: must have six credit hours of History or permission of instructor. Fall/Spring as needed.
Credits 3

HIST-393 : Topics in Public History

This course explores various themes, theories, problems, and opportunities associated with the field of Public History. Specific topics to be chosen by the instructor. This course may be repeated for additional credit. Topics must vary when repeated. Prerequisite: must have six credit hours of History or permission of instructor. Fall/Spring as needed.
Credits 3

HIST-394 : Museum Studies

This course examines the history and current state of the museum profession, as well as the role of museums in modern culture. Components and best practices of museum and historic site operations are given special attention, as well as the range of general and specialized museum settings. Prerequisite: must have six credit hours of History or permission of instructor. Fall/Spring as needed.
Credits 3

HIST-410 : American Military History

This course examines the military history of the United States from the Colonial period to the present, including an emphasis on why and how wars are fought, the creation of an American military establishment, the nature of combat and its impact on soldiers, the technological transformation of warfare, and the relationship between military affairs and constitutional, social, and cultural issues. Prerequisite: must have six credit hours of History or permission of instructor. Fall/Spring as needed.
Credits 3

HIST-414 : Crusades

This course examines the development of a new kind of Holy War which emerged at the end of the eleventh century and transformed political, economic, social, and intellectual relations between Christians, Muslims, and Jews. Although the course concentrates on the period from 1095 CE through 1300 CE, it will also address how the idea of crusading has changed over time, influencing modern rhetoric on the idea of a crusade. Prerequisite: must have six credit hours of History or permission of instructor. Offered every three years or as needed.
Credits 3

HIST-420 : Amer Frontier & West Expansion

This course will provide a basic understanding of the role of the frontier in American History and culture, with special attention to the history of the environment and natural spaces in the frontier. Topics and themes will include: law and ideas related to land and property, motives for and consequences of expansion, settlement patterns, economic development and exploitation of natural spaces, and the folklore and romanticism that have developed around the frontier experience. Prerequisite: must have six credit hours of History or permission of instructor. Fall/Spring as needed.
Credits 3

HIST-423 : Topics in World History

This course covers a specialized study of issues, periods, areas, and trends in World History. The course satisfies the Non-European, non-US History requirement for History majors. and it may be repeated for additional credit. Topics must vary when repeated. Prerequisite: must have six credit hours of History or permission of instructor. Fall/Spring as needed.
Credits 3

HIST-424 : Early Western Legal Tradition

This course examines the development of the western legal tradition from its foundation in Roman law to the end of the Middle Ages and the pre-modern origins and development of the legal profession. Students will be introduced to earlier law codes pre-dating Roman law and to the different medieval European legal systems, such as customary law, canon law, feudal law, common law, and royal law, all of which influenced the later development of law in the West. Prerequisite: must have six credit hours of History or permission of instructor. Fall/Spring as needed.
Credits 3

HIST-425 : The Gilded Age and Progressive Era

This course examines key social, economic, cultural, and political forces active from 1865 CE to 1917 CE. Focus is placed on the United States' transformation from a largely rural nation to a technologically sophisticated, urban, and ethnically diverse nation. Prerequisite: must have six credit hours of History or permission of instructor. Fall/Spring as needed.
Credits 3

HIST-426 : The Cold War

This course examines the diplomacy, political ideologies, nuclear policy, military conflicts, and culture of the Cold War Era from 1945 CE to 1991 CE. Prerequisite: must have six credit hours of History or permission of instructor. Fall/Spring as needed.
Credits 3

HIST-433 : Topics in European History

This course covers specialized study of pivotal topics, periods, and/or movements in European History. This course satisfies an upper-level European History requirement, and it may be repeated for additional credit. Topics must vary when repeated. Prerequisite: must have six credit hours of History or permission of instructor. Fall/Spring as needed.
Credits 3

HIST-434 : Hist of the U.S. Constitution

This course will focus on the history of the United States Constitution, particularly the process by which the document was written, ratified, and subsequently interpreted. Among the issues that will be addressed in the course are the various factors that highlighted the need for a constitutional convention, the ideas and issues that influenced the development of the Constitution, and the ways in which the Constitution has impacted the lives of Americans. Particular emphasis will be given to significant decisions by the United States Supreme Court and their effects on government and society in the U.S. and the international community. Prerequisite: must have six credit hours of History or permission of instructor. Fall/Spring as needed.
Credits 3

HIST-443 : Topics in American History

This course covers a specialized study of issues, periods, areas, and trends in American History. The course satisfies an upper-level American History requirement for History majors, and it may be repeated for additional credit. Topics must vary when repeated. Prerequisite: must have six credit hours of History or permission of instructor. Fall/Spring as needed.
Credits 3

HIST-450 : Amer, Europe 20th Cent

Examines America's relationship with Europe in the century of American world power. Emphasis on social, cultural, and economic developments in the United States and how they played a role in shaping American foreign relations with the European nations. Major topics covered include World War I, the Depression, World War II, the Cold War, and economic and cultural ties. Must have six credit hours of history or permission of instructor. As needed.
Credits 3

HIST-460 : Lincoln's Life and Times

This course focuses on Abraham Lincoln as a person and as a major political figure in American History, including discussions of his role in American government, in the abolition of slavery, as commander in chief during the Civil War, and as a symbol of American values. Uses Lincoln's writings and biographical and historical studies to evaluate Lincoln's impact on American History. Prerequisite: must have six credit hours of History or permission of instructor. Fall/Spring as needed.
Credits 3

HIST-470 : American Civil War

This course examines the origins, conduct, and legacy of the American Civil War, including an emphasis on political issues and the military history of the war. Prerequisite: must have six credit hours of History or permission of instructor. Fall/Spring as needed.
Credits 3

HIST-480 : Historical Methods

This course explores the methods and values associated with historical research and writing. It includes discussions on the nature of History, the ethics and public obligations of professional historians, the role of the historian in educational institutions, and some of the varied theoretical approaches used by historians when approaching their subjects. It results in the research, writing, and presentation of a major paper. This course must be taken concurrently with HIST-480Z. Students must earn a minimum of a C- or better in two attempts or fewer to earn a History degree. Prerequisite: HIST-300 and HIST-300X and Senior standing or permission of the instructor. Spring.
Credits 3

HIST-480Z : Sr Writing Req

This course is the Senior SEWS writing requirement for history majors and must be taken concurrently with HIST-480. Students must earn a minimum of a C- or better in two attempts or fewer to earn a history degree. Prerequisite: HIST-300 and HIST-300X and Senior standing or permission of the instructor. Spring.

HIST-493 : Senior Thesis in History

Students develop, research, write, and present a major research paper in conjunction with an instructor of record. The topic, length, and format are to be determined by both student and instructor. Emphasis on primary as well as secondary sources and formulation of theme or thesis are important components of the course. Thesis to be evaluated by a committee composed of full-time History faculty, and students are required to present their findings in a public forum as well as to defend their thesis before the committee. Prerequisite: approval of an instructor of record and Program Director required. If repeated for credit, must be taken in consecutive terms. Fall/Spring as needed.
Credits 1
-3

HIST-498 : Internship in Public History

This course offers student-directed, hands-on experience and service in a Public History work environment of the student's choosing, in consultation with the faculty sponsor/instructor. Each credit hour earned requires 60 hours of logged, on-duty work, along with requirements of regular journals and written reports. The internship is monitored and evaluated by a faculty sponsor, in partnership with the supervising representative of the business, agency, or organization. Maximum 3 credit hours of HIST 498 are applicable to the major program in History. Up to three (3) additional credit hours are applicable as electives to the baccalaureate degree. Prerequisite: must have six credit hours of History to be eligible, as well as the explicit consent of a faculty instructor. Summer/Fall/Spring as needed.
Credits 1
-3

Honors

HNRS-100 : Honors Perspective & Skills

This course is an introduction to the ethos and expectations of the Honors program along with strategies for college success. Assigned readings and intentional discussions will shape critical rhetorical skills across disciplines with current and historical sources. There will also be in integrated focus on skills for success in college expectations which include academic, social, and service learning. Pre-requisite: admission into the University Honors Scholars Program. Fall
Credits 1

HNRS-200 : Meaning, Service in Diverse World

This course further develops critical rhetorical skills as it focuses on values and service from an intellectual diversity perspective. It will use these explorations to initiate the process of forming a thesis research question. The student will be introduced to the concepts, values, and processes of scholarly work. Pre-requisite: HNRS 100 and good standing in the University Honors Scholars Program. Fall.
Credits 1

HNRS-203 : Honors Seminar

A special seminar taught by selected faculty focusing on a topic related to cutting-edge research in a specific discipline, current events, or important questions of perennial scholarly interest. Prerequisites: HNRS 100, and good standing in the University Honors Scholars Program. May be repeated for up to 3 credit hours provided that the topic varies. Fall and Spring.
Credits 1

HNRS-300 : Junior Honors Capstone Project

This course initiates the honors capstone scholarly work where the student implements their own scholarly investigation or creative work process under the supervision of a faculty member approved by the Honors Council. The outcome should be a justified scholarly project proposal that is supported by the previous scholarly work of others. If the project is to be a creative work, a written prospectus should indicate its merit. This course may be repeated once for credit toward required honors program credit. This course could substitute for the Junior SEWS writing requirement. Pre-requisite: HNRS 200 and good standing in the University Honors Scholars Program plus instructor approval.
Credits 1

HNRS-303 : Honors Seminar

A special seminar taught by selected faculty focusing on a topic related to cutting-edge research in a specific discipline, current events, or important questions of perennial scholarly interest. Prerequisites: HNRS 100, HNRS 203, and good standing in the University Honors Scholars Program. May be repeated for up to 3 credit hours provided that the topic varies. Fall and Spring.
Credits 1

HNRS-333 : Honors Laboratory

Core course for advancement of Program goals to enhance personal growth and professional development. Class will feature readings, discussions, and the planning and execution of group projects to encourage intellectual dialogue, increase exposure to interdisciplinary academics, as well as reinforce a service ethic and cultural collaboration. Pre-requisites: Admission to and good standing in Honors Scholars Program. Required once per academic year for HSP students. May be repeated for a maximum of 4 credit hrs. Fall/Spring. 0 to 0.5 credit hours per semester.
Credits 0

HNRS-400 : Senior Honors Capstone

This course is a continuation of the honors capstone scholarly work to bring it to its conclusion. The scholarly work of this course is more independent and should commence only after the proposal or prospectus is approved by the faculty supervisor. The outcome of this course is a product that is ready to present and defend before faculty and students. If the scholarly work was a creative work, written notes and reflections are to be completed. This course may be repeated once for credit toward required honors program credit. This course could substitute for the Senior SEWS writing requirement. Pre-requisite: HNRS 300 and good standing in the University Honors Scholars Program plus instructor approval. Fall and Spring.
Credits 1

HNRS-497 : Senior Honors Capstone

Students with a completed scholarly project must register for this course and complete a presentation of the work before faculty and students of LMU. The work may also be presented at regional and national scholarly meetings. In the case of creative scholarly work, a well-publicized show or recital must be completed. This course may not be repeated. Pre-requisite: HNRS 400 and good standing in the University Honors Scholars Program and instructor approval. Open to graduating Honors students only. Fall and Spring
Credits 0

Human Resource Management

HRM-320 : Recruitment, Talent Acquisition & Retention

This course focuses on the nature of staffing, including internal and external recruitment, workforce planning, recruitment and selection, and retention management. The course content includes the area of planning, implementing, administering, and pe1fo1ming ongoing evaluation of recruiting, hiring, and retaining a workforce that will meet organizational goals and objectives. Fall only. Prerequisite: MGMT 310
Credits 3

Humanities

HUMN-296 : Independent Study

HUMN-380 : Secondary Methods for Teaching Humanities

This course will address ideas and best practices for effective secondary instruction in Art, English, and History. The course will be tailored to the students enrolled. Topics will include contemporary state and national Art, English, and History content, learning state standards, lesson design and assessment, combined with real-world application of best-practice methodology and strategies relevant to the content. The use of presentations and in-class practice teaching are an integral part of the course. There is no field experience requirement. Spring.
Credits 3

HUMN-395 : Special Topic in Humanities

Come see the birthplace of one of the major threats to medieval Europe - Genghis Khan - and learn about a culture that dominated the Russian steppes and central Asia for centuries during the medieval period and was one of the major threats to medieval Europe. Course Requirements: All teaching for this course will be done through the Blackboard shell and during the trip. Course writing requirements will involve posting to the LMU's Facebook Page re the trip and a Trip Journal submitted for grading. There will be one or two pre-trip meetings TBA. Additional requirements include having/obtaining a valid passport!

Humanities and Fine Arts

HUFA-085P : Fine Arts Requirement

This is a placeholder course for the General Education Fine Arts Requirement. Choose from: ART-100, ART-381, ART-382, MUSC-100, MUSC-468, THEA-100, or THEA-340. Delete placeholder once student is registered for a Fine Arts course.
Credits 3

HUFA-085PE : Humanities/Fine Art/Ethics

This course is a placeholder for the Humanities, Fine Arts, and Ethics requirement. Choose one of the following: ART-100, ART-381, ART-382, MUSC-100, MUSC-468, MCOM-410, THEA-100, THEA-340, BUSN-250, GEOG-350, HNRS-200, PHIL-100, PHIL-200, PHIL-420, PHIL-430, REL-220, REL-310 or REL-315. Delete placeholder once student is registered for a course that covers this requirement.
Credits 3

Information Systems

BUSN-344 : Project Management for Improving Business Systems

Project Management for Improving Business Systems provides students with the essential skills and methods required to manage projects successfully within the organization. The curriculum aligns with the Project Management Institute's (PMI's) A Guide to the Project Management Body of Knowledge (PMBOK Guide) and offers a comprehensive overview of the four phases of project management: defining, planning, executing, and closing. Students will learn to evaluate and prioritize projects, identify and assess risks related to project-based improvement initiatives, allocate human and technical resources, and evaluate the quality of project deliverables against predefined standards. Fall.
Credits 3

BUSN-444 : Analytical Programming for Business

Analytical Programming for Business provides a foundation in programming logic, techniques, and analytical methods. The course employs modern programming languages and tools, such as Python and R, to develop scalable programming solutions to business-related problems. This course focuses on the practical applications of programming such as interaction with data sources, data preparation, processing data with logical operations, analyzing the data to conclude insights, and visualizing and reporting the data. The student will also learn to debug code, manipulate data structures and prepare data for analysis, automate workflows, and apply foundational statistical, data visualization, and machine learning techniques. Fall.

Prerequisite: must be a junior or senior or have permission from the instructor.
Credits 3

BUSN-445 : Applied Problem-Solving for Business Systems

Applied Problem-Solving for Business Analysis introduces business students to the use of quantitative tools and structured methods for effective data-based problem solving and decision analysis. The course develops skills necessary to formulate, evaluate, and communicate solutions based on evidence and data. It covers the four major stages of problem solving - problem identification and definition, developing theories and hypotheses relationships, analyzing data and evidence to validate or invalidate causal theories, and effectively communicating recommended solutions. The focus is on business process improvement and provides an overview of some of the common systematic approaches for business problem solving used in the investigation of relationships with data. Spring.
Credits 3

ISYS-100 : Computer Literacy

This course offers a comprehensive introduction to the use of personal computers within the modern business environment. Topics include the use of hardware and operating systems, communications software, and word processing, spreadsheet, and database applications. Additionally, the course addresses computer terminology, ethics, social implications, and career opportunities in the field.
Credits 2

ISYS-315 : Fundamentals of Information Systems

This course introduces the fundamentals of information systems and the role of information processing in today's business environment. This overview of information systems includes the following topics, hardware and software, data bases and big data, business intelligence and analytics, networking and telecommunications, systems development, information security, and the ethical, legal and social issues of information systems. Students must be a Junior or Senior or obtain permission from the instructor. Fall odd years.
Credits 3

ISYS-320 : Data Communications & Networking

This course provides future MIS professionals with the expertise to lead and innovate in the field of data communications and networking. The course equips students with the knowledge and skills to manage and oversee modern communication networks. This course focuses on the crucial aspects of transmitting data, voice, and video, covering the systems, hardware, and software essential for seamless communication. Students will delve into specific types of networks, including Local Area Networks (LANs) and Wide Area Networks (WANs), and gain a foundational understanding of the OSI model. Students explore real-world applications of networks, preparing them to implement and manage network solutions effectively. Fall odd years.
Credits 3

ISYS-330 : Database Management

This course equips students with comprehensive knowledge and practical skills in database design and implementation. The course covers physical and logical database designs, including relational, hierarchical, and network models, and teaches students how to utilize data analysis and manipulation languages to query, update, and manage databases effectively. Key topics include database integrity, concurrency, distributed databases, and intelligent databases. Students will demonstrate competence in the fundamental tasks of modeling, designing, and implementing database management systems. Fall even years.
Credits 3

ISYS-400 : Information Security & Governance

This course provides the foundation for managing information security through the effective role of governance and ethical behavior. Students explore the importance of satisfying regulatory requirements like Sarbanes/Oxley and HIPAA, preparing for financial and security audits, and ensuring data privacy. The course delves into security activities, methodologies, and procedures, focusing on the detection and reaction to threats, and the protection of information assets. Through real-world case studies, students will examine pre- and post-incident procedures, technical and managerial responses, and the planning and staffing functions essential to information security. Students must be a Junior or Senior or obtain permission from the instructor. Spring even years.
Credits 3

ISYS-480 : Business Systems Analysis & Design

This course provides an in-depth exploration of essential concepts and techniques for analyzing and designing information systems, with an overview of the system development life cycle. Emphasis is on developing practical skills through real-world case studies and projects, preparing students to tackle complex system design challenges. The course equips students with the knowledge and expertise needed to optimize information systems for enhanced efficiency and functionality. Students must be a Junior or Senior or obtain permission from the instructor. Spring odd years.
Credits 3

Japanese Language

JAPN-101 : Intro Japanese I

Fundamentals of Japanese; no previous Japanese required. Emphasis on the four language skills of listening, speaking, reading, and writing in the cultural context of Japan. The course is graded Pass/Fail. Both a textbook and a workbook are required. The textbook will be purchased by LMU, but students must buy their own workbooks.
Credits 3

JAPN-102 : Intermediate Japanese Lang

Fundamentals of the Japanese language. Emphasis on the four language skills of listening, speaking, reading, and writing in the cultural context of Japan. Prerequisite: JAPN 101, or equivalent.
Credits 3

JAPN-195 : Special Topic

Credits 2

Life Science

LSCI-085P : Life Science Requirement

Placeholder for Life Science Requirement. Take 4 credits of Life science. Delete the placeholder in student planning timeline, once course is planned.

Lincoln's Life

LNCN-100 : Lincoln's Life and Legacy

An introduction to the life, career, and legacy of Abraham Lincoln. The course will focus on Lincoln's biography (including the lives of his family members), his letters and speeches, and his place in American culture. Attention will be devoted to his impact on shaping the course of American history in the mid-nineteenth century, and to assessing the way Americans have remembered him. The course will include discussion of the origins and history of Lincoln Memorial University. Fall, Spring.
Credits 1

LNCN-110 : Lincoln's Life And Legacy (Honors)

This course is an enhanced introduction to the life, career, and legacy of Abraham Lincoln. The course will focus on Lincoln's biography (including the lives of his family members), his letters and speeches, and his place in American culture. Attention will be devoted to his impact on shaping the course of American history in the mid-nineteenth century, and to assessing the way Americans have remembered him. The course will include discussion of the origins and history of Lincoln Memorial University. The course also includes an expanded research project. This is an Honors course that takes the place of LNCN 100. *This course meets a General Education Core Curriculum requirement*. Spring.
Credits 1

Management

MGMT-300 : Principles of Management

This course introduces the four managerial functions of planning, organizing, leading, and controlling, while providing exposure to precedent management theories for organizations. Topics include organizational design, management operations and leadership. Fall, Spring.
Credits 3

MGMT-310 : Human Resource Management

This course addresses the fundamental processes of utilizing human resources to maximize organizational efficiency. Topics include principles of human resource planning, recruitment, selection, compensation and development. Prerequisite: MGMT 300. Spring.
Credits 3

MGMT-324 : Essentials of Technology Management

This course introduces the key concepts of technology management, and address the managerial challenges associates with evolving technology. The course examines how technology applies to, affects, and interacts with various fields. Key concepts, models, and methods for managing the development and utilization of technologies are discussed. Dynamics of technological innovation and strategies for managing technological innovation are given particular consideration. Spring.
Credits 3

MGMT-330 : Operations Management

The operational functions of quality, process, capacity, inventory, and workforce to create model decision strategies necessary for improving efficiency and effectiveness in system-type organizations are issued addressed in this course. Topics include quality control, flow analysis, inventory, layout, performance improvement, scheduling and forecasting. Pre-requisites: MGMT 300. Fall.
Credits 3

MGMT-416 : Conflict Management for Managers & Negotiations

This course is designed to help students understand how unmanaged conflict can divert a manager's attention and prevent the organization from accomplishing its stated vision and mission. Strong emphasis is placed on 1) how unmanaged conflict can sabotage the organizational vision, 2) why effective managers need to develop strong conflict management skills, and 3) what managers can do to develop not only their own conflict management skills, but also help others in the organization develop effective skills. Fall.
Credits 3

MGMT-424 : Managing Organizational Change

This course introduces principles of managing change in today's organization. It emphasizes different change management thinking styles, application of basic principles to any complex changes process, and the practical application of working with individuals, teams and organizations to master change. Key topics include, but are not limited to, the change process, initiating change, promoting change, challenges of change, change management models, strategies for communicating change, and consolidating change into the organization. Spring.
Credits 3

MGMT-460 : Organizational Theory

This course emphasizes the structure of modern organizations and systems. Topics include complex organizations, project and program management, management structure, growth management, and risk management. Prerequisite: MGMT 300. Fall.
Credits 3

Marketing

MKTG-300 : Principles of Marketing

This course addresses principles and strategies for developing an organization's marketing mix. Topics include product decisions, pricing strategies, promotion types, market identification, distribution channels, and ethical considerations. Fall, Spring.
Credits 3

MKTG-310 : Advertising

This course addresses advertising as a communications tool in marketing management. Emphasis is placed on integrated advertising strategy in a firm's marketing program concerning the selection of media, budgeting, production, and measurement of effectiveness. As a project - based course, students are exposed to the development of an advertising campaign. Prerequisite: MKTG 300. Fall.
Credits 3

MKTG-330 : Consumer Behavior

Consumer needs, values and choices are explored. Consumer decision making is modeled as a process involving media messages, memory and cognition, motivations and involvement. Influences on consumers' decision-making come from cultural, family, and lifestyle and other sources. These influences are studied for their impact on consumer's need recognition, information seeking, choice, post-purchase and disposition phases of consumers' experiences. Prerequisite: MKTG 300. Spring
Credits 3

MKTG-340 : Brand Management

Branding is a fundamental element of competitive strategy. This course will address the strategic importance of branding, provide theories and strategies for building, leveraging, and defending strong brands, and discuss current opportunities and challenges facing brand managers. Particular emphasis is placed on understanding the application of these theories and strategies in practice. The course will utilize a combination of lectures, readings, cases, and guest speakers along with direct applications of the course content in a term project. Prerequisite: MKTG 300. Fall.
Credits 3

MKTG-420 : Sales Management

This course addresses personal selling and its relationship to sales management Other topics discussed are the planning and development of sales management processes for selling specific products. Prerequisite: MKTG 300. Spring.
Credits 3

MKTG-430 : Marketing Management

This course deals with developing effective marketing plans emphasizing marketing opportunity analysis in the context of changing markets. Prerequisite: MKTG 300. Spring
Credits 3

MKTG-435 : Digital, Internet Marketing

This course takes an in-depth look at Internet social networks, social media platforms, and online advertising to offer students an advantage in many positions involving marketing, consulting, and brand management both on the buyer and seller side of social media. Topics will include an exploration of theory of online marketing, social media technologies, search engine marketing, mobile marketing, and evaluation digital marketing programs. Fall.
Credits 3

MKTG-440 : Marketing Research

This course deals with research as a decision making tool for solving marketing problems. The research process will include collection, analysis, interpretation, and dissemination providing the student with an opportunity to produce and to utilize marketing research as an effective means to organizational goals. Prerequisites: BUSN 270, MKTG 300. Spring
Credits 3

MKTG-454 : Event Marketing

This course discusses the conception, planning, promotion and execution of special events such as weddings, business openings, conventions, sports tournaments. This course addresses the application of project management techniques, legal agreements and proposal-writing, press-releases and promotional message design for special events. The course also covers the issues of staffing, training and accounting controls required for such events. Pre-requisite: MKTG 300.Spring even years
Credits 3

Mathematics, Computer Science, and Physics

Mission Statement

The Department of Mathematics at Lincoln Memorial University strives to graduate students who demonstrate a notable command of content knowledge and practical skills in program area of choice. Degree tracks incorporate the experimental method, proficient use of technology, and mastery of terminology in the field of mathematics. Graduates of the Department of Mathematics are expected to utilize ethical standards in the practice of their profession, to demonstrate an ability to communicate clearly and effectively, and to appreciate the value of life-long learning. Department graduates go forward to serve their communities, the region, and humanity as informed voices for the advancement of understanding in mathematics.

The mathematics program at LMU is designed to provide students mathematical training applicable to careers in mathematics and related fields, and to graduate math majors who are competent in the field. Under the direction of the mathematics faculty, the students are afforded opportunities to: achieve expertise of the real number system; develop mathematical skills, including the ability to recognize problem types within subject areas and apply suitable techniques; enhance their ability to reason, encompassing critical thinking of abstract concepts; and express mathematical ideas orally and in writing, such that explanations are logically correct and clearly understood. Students completing the major may 1) pursue a graduate degree, 2) seek professional employment, or 3) secure Teacher Licensure in Secondary Education.

MATH-099 : Intro to Algebra

This course is intended for students lacking a foundation for study of college-level mathematics. Development of skills and concepts in math are addressed through: operations with real numbers, including hierarchy of operations; the notion of equivalent expressions; exponents, roots, and radicals; polynomial arithmetic, with an emphasis on factoring; solving algebraic equations and inequalities; formula manipulation; and applications of these concepts/topics. Use of calculators is prohibited in this course. Students who score 18 or lower on the Mathematics sub-score of the ACT or have an SAT Math score below 510 MUST enroll in Math 099. This course requires 2 hours of laboratory each week. *3 cr hrs toward academic load, but not counted toward the required minimum credits for graduation. This course is a prerequisite for students not meeting admission standards into MATH 105. Fall/Spring.
Credits 3

MATH-105 : Transitional College Mathematics

This course is designed to be a logical foundation for both the classical instance of algebra in MATH 115 College Algebra and the alternative general education course, MATH 110 Reasoning and Problem Solving. Emphasis is on the logical and computational elements: operators, operands, expressions. Exercises address interpretation and use of math language and notation, algebra of sets, algebra of numbers, and processes utilized in solving linear and quadratic equations and inequalities. Scientific calculators are permitted in this course, but graphing calculators are not. Prerequisite: Math ACT of 19 or higher, or Math SAT 510 or higher, or a grade of C- or higher in MATH-099. Fall/Spring.
Credits 3

MATH-110 : Reasoning and Problem Solving

The mathematical reasoning involved in problem solving is explored through various mathematical concepts: coordinate geometry; functions and function notation; properties and applications of linear, quadratic, exponential, and logarithmic fuctions; elementary couting principles, basic probability; and descriptive statistics. Topics from systems of linear equations in included as time permits. Scientific calculators are required in this course; graphing calculators are permitted, but not required. A student receiving credit for MATH 110 cannot receive credit for MATH 115. Prerequisite: Mathematics ACT subscore of 21 or higher, OR SAT score of 530 or higher, OR a grade of C- or better in MATH 105. Fall/Spring.
Credits 3

MATH-115 : College Algebra

Real-valued functions are investigated including: evaluation, graphing, composition, and inverse relations; properties and applications of the exponential and logarithmic functions; solution methods for systems of equations, including matrix algebra are covered as time allows. Scientific calculators are required in this course; graphing calculators are permitted, but not required. A student receiving credit for MATH 115 cannot receive credit for MATH 110. Prerequisite: Mathematics ACT subscore of 21 or higher, OR SAT score of 530 or higher, OR a grade of C- or better in MATH 105. Fall/Spring.
Credits 3

MATH-120 : Trigonometry

Specific preparation for calculus and physics through the study of right triangle trigonometry, circular functions, trigonometric identities, law of sines and law of cosines, and applications of these topics. A brief study of vectors also is included. Scientific calculators are required in this course; graphing calculators are highly encouraged. Prerequisite: Math ACT subscore of 23 or higher, OR Mathematics SAT score of 560 or higher OR a grade of C- or better in MATH-115. Fall/Spring
Credits 3

MATH-150 : Calculus I

An emphasis on single variable differential calculus and an introduction to single variable integral calculus, with supporting material from analytic geometry. Graphing calculator strongly recommended; scientific calculator required. Prerequisite: MATH ACT subscore of 26 or higher or MATH SAT subscore of 610 or higher, or grade of C- or better in MATH-120. 5 contact hours: 4 lecture + 1 recitation/lab. Fall, Spring.
Credits 4

MATH-220 : Discrete Structures

Topics include: Boolean algebra and logic; sets, functions, and relations; iteration, recursion, and induction; basic combinatorics; graphs and trees; divisibility and modular arithmetic; and other selected topics from discrete mathematics as applicable to computer science. Pre-requisite: Successful completion of Math 115 with a grade of C- or better, OR Mathematics ACT sub-score of 23 or higher, OR Mathematics SAT score of 560 or better. As needed.
Credits 3

MATH-250 : Calculus II

A continuation of single variable calculus focusing on indefinite and definite integrals, including techniques and application of integration, along with selected topics from infinite series, parametric equations, and polar coordinates. Prerequisite: MATH 150 (or equivalent) with a grade of C- or better. 5 contact hours: 4 lecture + 1 recitation/lab. Fall, Spring.
Credits 4

MATH-255 : Calculus III

The culmination of the calculus sequence. Topics include: parametric curves in the plane and space; polar coordinates; infinite series; vector algebra and geometry; and the calculus of functions of several variables, including partial differentiation and multiple integration. Prerequisite: MATH 250 (or equivalent) with a grade of C- or better. 5 contact hours: 4 lecture + 1 recitation/lab. Spring.
Credits 4

MATH-260 : Elementary Linear Algebra

An introduction to linear algebra. Systems of equations, matrices and matrix algebra, determinants, linear independence, an introduction to eigenvalues and eigenvectors, and applications in linear programming and Markov Chains. Pre-requisite: Successful completion of MATH 150 with a grade of C- or better. As needed.
Credits 3

MATH-270 : Probability, Statistics

This introductory course in statistics covers all portions of the process of statistics. Topics in descriptive statistics and data collection are the focus of the first four chapters, including types of variables, level of measurement, measures of central tendency / dispersion, and linear regression / correlation. A study of counting and probability makes up the middle portion of the course. Various probability distributions, including binomial and normal distributions, are covered. The course ends with an introduction to inferential statistics, with a focus on parameter estimation and hypothesis testing. Graphing calculator required. Prerequisite: A grade of C- or better in MATH 110 or 115 (or equivalent), OR Math ACT sub-score of 23 or higher, OR Mathematics SAT score of 560 or higher. Fall/Spring.
Credits 3

MATH-300 : Intro to Advanced Math

Gateway course to theoretical mathematics courses. An introduction to methods of mathematical proof using primarily the topics of logic, set theory, functions and relations, number theory, and simple axiomatic systems such as the real numbers and matrices. Prerequisite: Successful completion of MATH 255 (or equivalent) with a grade of C- or better. Fall.
Credits 3

MATH-310 : Mathematical Methods in Chemistry

A course designed to give the student sufficient background in mathematical methods required for completion of the analytical, physical, and inorganic chemistry sequences. Course discussion will include review of transcendental functions, differential and integral calculus, numerical methods, linear algebra, differential equations and functions of several variables. (This course also may be taken as CHEM 310). Prerequisite: MATH 250 (or equivalent) with a grade of C- or better. Highly recommended: MATH 255. May not be taken to fulfill requirements for the Math major or minor. Spring as needed.
Credits 3

MATH-320 : Discrete Math

Topics include: elementary combinatorics; sequences, recursion, and iteration; and graph theory. Other topics from discrete mathematics may be included at the instructor's discretion. Prerequisite: Successful completion of MATH 255 with a grade of C- or better or permission of the instructor. As needed.
Credits 3

MATH-350 : Differential Equations

Ordinary Differential Equations with emphasis on the theory of linear differential equations. Some existence and uniqueness theorems proved, and special methods or types of equations with applications treated as time allows. Prerequisite: Successful completion of MATH 250 (or equivalent) with a grade of C- or better. Fall, as needed.
Credits 3

MATH-360X : Junior Writing Requirement

This is the Junior-level Sequential Enhancement of Writing Skills (SEWS) requirement for the undergraduate degree in mathematics. It is designed to give the student sufficient background in writing and information literacy to satisfy the university's SEWS requirement at the junior level. Specifically, the project is an introduction to the conventions of reading, writing, and research within the mathematics discipline. Research-based writing using correct formatting and documentation is emphasized. Writing intensive. Requires a college-level research paper of significant length, which must involve use of scholarly literature. This is offered independent of any MATH prefixed course. Pre-requisite: Successful completion of Sophomore-level SEWS requirement through the Department of Language and Literature. Graded Pass/Fail. As needed.
Credits 0

MATH-365 : Linear Algebra

A second course in linear algebra. Topics include Real vector spaces, subspaces, linear independence, coordinates and basis, dimension, change of basis, row space, column space, null space, rank, nullity, matrix transformations and properties, diagonalization, linear transformations, similarity, and matrix decomposition. Pre-requisite: Successful completion of MATH 300 and MATH 260 with a grade of C- or better. As needed.
Credits 3

MATH-370 : Mathematical Probability With Statistics

A calculus-based approach to probability and statistics. Topics include: fundamentals of probability; discrete and continuous random variables; distributions such as binomial, uniform, Poisson, hypergeometric, normal, and gamma; joint, marginal, and conditional distributions; central limit theorem; and estimation. Hypothesis testing and statistical inference methods may be included as time permits. A student may not receive credit for both MATH 270 and MATH 370. Pre-requisite: MATH 250 (or equivalent) with a grade of C- or better. As needed.
Credits 3

MATH-380 : Geometry

Plane geometry from an advanced viewpoint, including finite geometries. Includes a survey of projective geometry and non-Euclidean geometries. Prerequisite: Successful completion of MATH 300 with a grade of C- or better. As needed.
Credits 3

MATH-390 : History of Math

A study of mathematics and those who contributed to its development, from the mathematics of ancient times, through the development of calculus, to topics from modern mathematics. Prerequisite: Successful completion of MATH 300 with a grade of C- or better. As needed.
Credits 3

MATH-450 : Introduction to Real Analysis

Emphasis on the rigorous processes of analysis: proofs of limit theorems, properties of continuous functions, existence of integrals, and uniform convergence. Topics include completeness, Bolzano-Weierstrass theorem, sequences, and derivatives. Topics from among the theory of Riemann integration, infinite series, partial differentiation, and the implicit function theorem covered as time allows. Prerequisite: Successful completion of MATH 300 with a grade of C- or better. As needed.
Credits 3

MATH-460 : Modern Algebra

Elements of modern algebra are addressed with a focus on rings, fields, and integral domains. Groups and other topics covered as time permits. Prerequisite: Successful completion of MATH 300 with a grade of C- or better. As needed.
Credits 3

MATH-460Z : Senior Writing Requirement

This is the Senior-level Sequential Enhancement of Writing Skills (SEWS) requirement for the undergraduate degree in mathematics. It is designed to give the student sufficient background in writing and information literacy to satisfy the university's SEWS requirement at the senior level. Specifically, the project is an introduction to the conventions of reading, writing, and research within the mathematics discipline. Research-based writing using correct formatting and documentation is emphasized. Writing intensive. Requires a college-level research paper of significant length, which must involve use of scholarly literature. This is offered independent of MATH 460 and any other MATH prefixed course. Pre-requisites: Successful completion of Sophomore-level SEWS requirement through the Department of Language and Literature and Junior-level SEWS. Graded Pass/Fail. As needed.
Credits 0

MATH-470 : Mathematics in the Secondary Classroom

Presentation and discussion of the content of the secondary school mathematics classroom from an advanced viewpoint. This viewpoint addresses the many interconnections among secondary school mathematics topics as well as their relationship to college-level mathematics. Topics will be drawn from those of central importance in the secondary school mathematics curriculum: functions, polynomials, trigonometry, exponential and logarithmic functions, numbers and operations, and geometry and measurement. Relevant articles from mathematical publications also may be incorporated into the course. Prerequisites: Successful completion of MATH 300 with a grade of C- or better and acceptance into the School of Education's Initial Teacher Licensure program. Fall, as needed.
Credits 3

Mechanical Engineering

ENGR-107 : ME Graphics

This course covers the fundamentals of drafting and technical sketching, including projective geometry, multi-view drawings, reading and interpreting technical drawings, sectioning, and dimensioning. Students will also learn to use computer-aided design (CAD) tools including Fusion for mechanical drawings.
Credits 2

ENGR-108 : ME Computer Skills

This course focuses on the use of computers to solve engineering and mathematical problems. Topics include general problem-solving techniques, algorithm development, data analysis, and computational analysis. Students will gain proficiency in using software tools to tackle engineering challenges and enhance computational skills for real-world applications in engineering.
Credits 2

ME-210 : ME Materials

A study of the structure and properties of materials. Materials covered include metals, ceramics, polymers, and composites. Mechanical properties are emphasized, electrical properties, thermal properties, and environmental interactions are addressed. Structural features at the atomistic level, the crystal structure level, and the microstructure level of single and polyphase materials are studied in terms of their effects on material properties.
Credits 3

ME-310 : Mechanics of Machinery

Introduction to mechanical vibration, free and forced responses of discrete and continuous systems. Application of vibrations to the analysis and design of machine and mechanical components. Motion nalysis of linkages, cams, and gearing. Static and inertia force in machines. Balancing of rotating and reciprocating masses.
Credits 3

ME-330 : Thermodynamics I

Introduction to the concept of energy and the laws governing the transfers and transformations of energy. Emphasis on thermodynamic properties and the First and Second Law analysis of systems and control volumes. Integration of these concepts into the analysis of basic power cycles is introduced.
Credits 3

ME-331 : Thermodynamics II

Continuation of Engineering Thermodynamics I with emphasis on the analysis of power and refrigeration cycles and the application of basic principles to engineering problems with systems involving mixtures of ideal gases, psychrometrics, nonideal gases, chemical reactions, combustion, chemical equilibrium analysis, and one-dimensional compressible flow.
Credits 3

ME-340 : Heat Transfer

Analysis of steady state and transient one and multi-dimensional heat conduction employing both analytical methods and numerical techniques. Integration of principles and concepts of thermodynamics and fluid mechanics to the development of practical convective heat transfer relations relevant to mechanical engineers. Heat transfer by the mechanism of radiation heat transfer.
Credits 3

ME-401 : ME Sr. Design I

Introduction to design methodology and practice. Product specifications. Concept generation and selection. Product design. Design for manufacturing. Economics of product development. Prototyping. Teams of students work on a design project in the area of mechanical engineering.
Credits 1

ME-402 : ME Sr. Design II

Conclusion of mechanical engineering design project. Communication with faculty, engineers, and the client is essential to utilizing applicable standards and real-world constraints to deliver a satisfactory design. Oral presentations, written reports, and prototype are required.
Credits 3

ME-410 : Mechanical Component Design

Integrate Statics, Solid Mechanics, Dynamics, and Materials knowledge into the design process. Introduction to mechanical vibration, free and forced responses of discrete and continuous systems. Application of vibrations to the analysis and design of machine and mechanical components.
Credits 3

ME-450 : Thermofluid Component Design

Introduction to components for energy transfer including ducts, valves, pumps, fans, compressors, heat exchangers, and burners. Design of piping systems and fluid networks. Analysis of pumps and design of systems including pumps. Design of duct systems. Analysis of fans, blowers, compressors, and design of systems which use them.
Credits 3

Media Communication

MCOM-100 : Introduction to Film

This course introduces students to the various film genres, film industry history including attempts at censorship and analyzes the cultural context that add meaning to certain movies. Several movies will be shown during the course and some may have scenes and dialogue of an explicit nature. As needed.
Credits 3

MCOM-110 : Introduction to Mass Media

An introduction to the legal, technical and economic practices in the media industry. The course surveys the history and progression of mass media, from early forms of print to contemporary digital. Activities apply industry standard legal and ethical frameworks to study real-world cases. Fall.
Credits 3

MCOM-203 : Production Practicum

Practicum experience as production staff in broadcasting environment. Completing a minimum 45 hours of assigned activities is required for one credit hour earned. May be repeated for a total 3 credit hours applicable to program and/or degree requirements. Activities performed in fulfillment of assignments/requirements for other courses or the work-study program will not earn credit for MCOM 203-AO/BO. Fall, Spring.
Credits 1

MCOM-260 : Copywriting for Digital Media

Analysis and practice in writing content for a variety of media and genres, including and not limited to, commercials, PSA's, blogging and promotion.
Credits 3

MCOM-261 : Newswriting for Digital Media

Methods of news gathering including interviewing and research for journalistic purposes will be covered along with writing for range of media, beginning with print and ranging to broadcast, tweeting, and blogging. Ethical newsgathering and writing practices will be discussed and analyzed. As needed.
Credits 3

MCOM-270 : Social Media Ethics and Culture

An overview of social media from the perspective of media professionals. The course covers the ways that users interact on social media as well as the ethics and business practices related to data analytics, privacy and the growing implementation of artificial intelligence. Spring.
Credits 3

MCOM-271 : Audio Production

A hands-on approach to audio media creation. The course includes practical application of microphones, recording devices, sound studios and audio editing software. Projects are designed to cross media industries, including sound art, podcasting, filmmaking and music. As needed.
Credits 3

MCOM-280 : Multi-Camera Production

This course examines the planning, set up, direction, recording, and dissemination of multiple camera events. Events may include sports, news programs, talk shows, and plays. Experiential learning takes place in controlled studio environment and on-location. As needed.
Credits 3

MCOM-281 : Single-Camera Production

Instruction and hands-on experience with producing content for news, PSA's, commercials, and/or short videos. The class will include an introduction to the concepts of nonlinear editing, shooting, and editing for continuity in both audio and video, field lighting, and performing as an "OMB-One Man Band" in terms of being able to write, shoot, edit, and be talent for various programming formats. As needed.
Credits 3

MCOM-320 : Media Theory

This course will look at communication theories relevant to media professionals. These theories will help the future professional anticipate the possible effects and reactions that the audience may have to certain programming. Prerequisite: MCOM 110. As needed.
Credits 3

MCOM-320X : Junior Writing Requirement

Credits 0

MCOM-333 : Film Genre

This course is designed to give students both a practical and theoretical overview of dominant film genres and their conventions. The evolution of each genre will be illustrated from its earliest beginnings to its latest examples. The student will learn how to define film genres, how to read their codes, and how to recognize elements of film genres even when they are mixed into a heterogeneous film. As needed.
Credits 3

MCOM-335 : Video Performer

Explores and applies principles and techniques toward the development of skills in video performance relative to a variety of traditional and emerging video performance situations: news anchor, reporter, commercial spokesperson, video training sessions, and other such contexts. Video performance exercises include: anchoring, interviewing, field reporting, talk show hosting, commercial, and public service announcing, and acting. Spring.
Credits 3

MCOM-350 : Strategic Communication

Credits 3

MCOM-370 : Television News Production

Showing and demonstrating best practices for researching, writing, shooting, lighting, and editing news packages for television and other media. Prerequisite: MCOM 281. As needed.
Credits 3

MCOM-372 : Digital Editing

Theory and practical application of editing skills and techniques utilizing nonlinear video and audio editing programs for a variety of programming formats including, but not limited to, commercials and
PSA's, news, short movies, and other material. As needed.
Credits 3

MCOM-380 : Strategic Communication

This course introduces students to the general field of strategic communication covering psychological and sociological theories related to optimum message construction and reception, use of communication to advocate corporate or nonprofit messages. Course will address advertising and public relations in a range of media including contrasting strategic communication with propaganda. As needed.
Credits 3

MCOM-396 : Independent Study

MCOM-410 : Media Law and Ethics

Overview of legal theory and analysis of cases related to libel, slander, obscenity, indecency, copyright and issues rleated to the journalist. Special attention is given to how traditional legal definitions have evolved with the digital communication technologies. Ethical standards and codes related to media professionals will be analyzed along with case studies.
Credits 3

MCOM-410Z : Senior Writing Requirement

Credits 0

MCOM-420 : Media Sales, Mktg & Promotion

This course will cover terminology and approaches to media sales, covering sales for TV, radio, cable, newspaper, and new media. Included are discussions and exploration of terms and techniques related to media marketing and promotion analyzing the evolution of such techniques with a growing need to cross-promote media, reach an increasingly fractured audience, and exploit new technologies. As needed.
Credits 3

MCOM-430 : Media Literacy

Covering basic principles of media literacy. This class will cover the necessary skills to analyze, evaluate and deconstruct media messages across a range of media including legacy and social media to determine source credibility and persuasion techniques utilize. Discussion of utilizing media literacy skills to facilitate production of media content. Prerequisites: COMM 200 and MCOM 110. As needed.
Credits 3

MCOM-460 : Argument and Persuasion

Covering basic principles, theories and practices regarding persuasion, argumentation and debate. Best practices of persuasion in public speaking and mediated communication will be examined. Course examines ethics and refutation and will clarify understandings of persuasion and propaganda techniques. Prerequisite: COMM 200. As needed.
Credits 3

MCOM-470 : Advanced Video Production

Analyzes in detail the process of pre-production, production, and postproduction followed by the production of a single project of a scripted or unscripted program. The class will include analysis of target audience and soliciting funding for such a project. Prerequisites: MCOM 281 and 372. As needed.
Credits 3

MCOM-475 : Advanced Digital Editing

Designed to expand the student's understanding of the video post-production compositing and editing process. Throughout the course the students will analyze various forms of editing styles and compositing techniques in professionally produced productions. It is assumed that the student already possesses an understanding of the non-linear video editing software. Prerequisite: MCOM 372. As needed.
Credits 3

MCOM-485 : Senior Seminar

Each student will contract with the instructor to write, direct, and produce a production or productions that will serve as a resume tape to further the student's portfolio. Each project will be accompanied by a written report covering purpose of production, timeline of steps, budget, script and post-production analysis of what was learned during the process. Each project must have approval of instructor before beginning production. Prerequisite: Senior status or permission of instructor. As needed.
Credits 3

MCOM-485Z : Senior Writing Requirement

Credits 0

MCOM-498 : Internship

Staff/apprentice work experience at an approved business/agency directly related to communication arts. Each credit hour earned requires 60 hours of logged, on-duty work. The student must submit a written report or journal at the conclusion of the internship. The internship is monitored and evaluated by a faculty sponsor, in verification and close consultation with the supervising representative of the business/agency. Maximum 3 credit hours of MCOM 498 applicable to the major program in Communications and Media. Up to 3 additional credit hours applicable as electives to the baccalaureate degree. LMU retains ultimate control and supervision of the internship. Prerequisites: At least junior status and approval of the director of the Communication and Media program. Fall and Spring as needed.
Credits 1
-6

Medical Laboratory Science

MEDLS-301 : Intro Lab Meth, Tech I

Introduction to the basic issues and laboratory techniques in the clinical laboratory science field such as laboratory safety, ethics, professionalism, phlebotomy, and introduction to clinical microbiology techniques. Co-requisite: MEDLS 391.
Credits 1

MEDLS-302 : Intro Lab Meth, Tech II

Practical introduction to medical microbiology emphasizing specimen collection, susceptibility testing, laboratory safety, microbiology media, staining techniques, and basic methods of identification of microbes that are commonly encountered in the clinical laboratory.
Credits 1

MEDLS-310 : Hemostasis

Assessment of blood clotting mechanisms in health and disease; hemorrhagic disorders of coagulation and fibrinolysis; routine and special coagulation procedures; monitoring of anticoagulant therapy; instrumentation and quality assurance in hemostasis. Co-requisite: MEDLS 391.
Credits 1

MEDLS-320 : Hematology

Classification, morphology, and function of human erythrocytes, leukocytes, and thrombocytes; laboratory diagnosis of anemias, leukemias, and other hematologic disorders; instrumentation and quality assurance including pre-analytical, analytical and post-analytical causes of variation in hematology. Corequisite: MEDLS 391.
Credits 4

MEDLS-330 : Serology, Immunology

The human immune system, including principles of humoral and cellular immunity, autoimmune responses, defects in the immune system, and AIDS; theory and methodology of diagnostic serology procedures commonly performed in the laboratory, with emphasis on serological diagnosis of infectious disease; introduction to molecular diagnostic techniques, and quality assurance.
Credits 3

MEDLS-340 : Immunohematology

Genetics of blood groups, antigen-antibody reactions within different blood group systems, and related immunology principles; focus on techniques of blood typing, compatibility testing, antibody screening, antibody identification, and quality assurance; donation, storage, and transfusion of blood and its components; AABB guidelines for operating the Blood Bank. Co-requisite: MEDLS 392.
Credits 4

MEDLS-340X : Jr Writing Requirement

Credits 0

MEDLS-391 : Intermed Clin Pract I

Application of material studied in MEDLS 301, 310, and 320. Conducted at affiliate hospitals.
Credits 2

MEDLS-392 : Intermed Clin Pract II

Application of material studied in MEDLS 340. Conducted at affiliate hospitals.
Credits 2

MEDLS-400 : Urinalysis, Body Fluids

Biochemical and microscopic findings in urine and body fluids during health and disease states; diagnostic significance of laboratory results on cerebrospinal, amniotic, pleural, synovial, seminal, and peritoneal fluids; quality assurance.
Credits 2

MEDLS-410 : Lab Mgmt and Supv

Principles of management and supervision in the clinical laboratory; includes interpersonal communications, governmental regulations, computer applications, problem solving, education methodologies, employee safety, quality assurance, and performance improvement.
Credits 2

MEDLS-451 : Clinical Chem I

Principles and methods of measuring proteins, enzymes, electrolytes, and other analytes of human serum includes molecular diagnostics, spectra techniques, pre-analytical/analytical/postanalytical causes of variation, chromatography, mass spectrometry, immunological techniques, and electrochemistry. Laboratory automation and statistics are also included.
Credits 3

MEDLS-452 : Clinical Chem II

An overview of the physiology and pathophysiology aspects of clinical chemistry to include acid-base balance, liver function, pancreatic function, cardiac function, lipid metabolism, bilirubin metabolism, heme synthesis, and endocrinology. Correlation of clinical chemistry results with healthy and pathological states is emphasized. Toxicology and Therapeutic Drug Monitoring (TDM) is also included. Co-requisites: MEDLS 492
Credits 3

MEDLS-461 : Med Microbiology I

Theory and technologies of culture, isolation, and identification of pathogenic bacteria commonly encountered in clinical practice. Morphology, staining, biochemical characteristics, disease correlations, uses of selective media, and quality assurance are emphasized. Prerequisite: MEDLS 302. Co-requisite: MEDLS 491.
Credits 3

MEDLS-462 : Med Microbiology II

Theory and techniques of identification of pathogenic spirochetes, *Chlamydia*, *Rickettsia*, *Mycobacterium*, and *Nocardia*. Mycology, parasitology, and virology are also included. Prerequisite: MEDLS 461.
Credits 3

MEDLS-491 : Adv Clin Practice I

Application of materials studied in MEDLS 302 and MEDLS 461. Conducted at affiliate hospitals.
Credits 2

MEDLS-492 : Adv Clin Pract II

Application of material studied in MEDLS 330, 400, 451, 452.Conducted at affiliate hospitals and affiliate Molecular Pathology Laboratory.
Credits 3

MEDLS-497 : Senior Review

Structured review of selected Medical Laboratory Science courses: immunohematology, hematology, hemostasis, immunology and serology, and microbiology. Preparation for licensure examination and professional practice. Prerequisite: Successful completion with a final grade of B or above in MEDLS 400, 451, and 461.
Credits 3

MEDLS-497Z : Sr Writing Requirement

Credits 0

Music

MUSC-100 : Music Appreciation

Study of the elements and styles of music through listening, reading, and lecture. Reading knowledge of music is not required. *This course meets a General Education Core Curriculum requirement.* Fall/Spring.
Credits 3

MUSC-101 : Class Piano I

Group instruction of piano techniques and basic keyboard skills. As needed.
Credits 1

MUSC-103 : Tri-State Community Chorus

*Each music ensemble course may be repeated for additional credit; however, a maximum 8 credit hours of music ensemble courses may be applied to a baccalaureate degree. Concurrent enrollment in MUSC 103 and 113 is not allowed. Prerequisite for all music ensemble courses except 103&133: audition with the Director. Fall/Spring
Credits 1

MUSC-111 : Music Theory I

Fundamentals of musicianship: aural and writing skills, harmony, and analysis. Harmonic vocabulary includes functional use of diatonic triads in major and minor keys. Minimum grade of C or better to pass for Music minors. May be repeated once. Fall.
Credits 3

MUSC-112 : Music Theory II

Continuing aural and writing skills, harmony, and analysis. Prerequisite: MUSC 111 minimum grade of "C". Spring May be repeated once. Spring.
Credits 3

MUSC-143A : Pep Band

*Each music ensemble course may be repeated for additional credit; however, a maximum 8 credit hours of music ensemble courses may be applied to a baccalaureate degree. Concurrent enrollment in MUSC 103 and 113 is not allowed. Prerequisite for all music ensemble courses except 103&133: audition with the Director. Fall/Spring
Credits 1

MUSC-143G : Jazz Ensemble

*Each music ensemble course may be repeated for additional credit; however, a maximum 8 credit hours of music ensemble courses may be applied to a baccalaureate degree. Concurrent enrollment in MUSC 103 and 113 is not allowed. Prerequisite for all music ensemble courses except 103&133: audition with the Director. Fall/Spring
Credits 1

MUSC-153 : Concert Band

*Each music ensemble course may be repeated for additional credit; however, a maximum 8 credit hours of music ensemble courses may be applied to a baccalaureate degree. Concurrent enrollment in MUSC 103 and 113 is not allowed. Prerequisite for all music ensemble courses except 103&133: audition with the Director. Fall/Spring
Credits 1

MUSC-163 : Applied Lessons I

A sequential studio course of increasing difficulty and level of accomplishment utilizing a step-by-step approach to music technique that introduces musical fundamentals. As needed.
Credits 1

MUSC-350 : Appalachian Music

This course is an introduction to Appalachian Music. It will examine several different musical styles from this genre including both vocal and instrumental. The goals of this course include developing an appreciation of Appalachian Music as well as gaining an understanding of the common performance practices associated with this musical dialect. As needed.
Credits 3

MUSC-468 : Survey of World Music

This course is designed to familiarize students with selected music cultures from around the world and at home. T*his course meets a General Education Core Curriculum requirement*. As needed.
Credits 3

Nursing

NURS-105 : Fundamentals of Pharmacology in Nursing

An introduction to basic pharmacological principles and classes of commonly prescribed medications, along with over-the-counter medications, and herbal supplements used to promote human health and adaptation. The role of the professional nurse is examined in the safe administration of medications, assessing for therapeutic results, monitoring for side effects and adverse effects, providing client education, and prevention of drug misuse/abuse. The course will integrate evidence-based practices and promote critical thinking in making clinical judgments regarding pharmacologic interventions.
Credits 2

NURS-115 : Foundations Nursing

Introducing the nursing process with focus on the development of psychomotor and psychosocial skills. The Roy Adaptation Model (RAM) of Nursing is introduced and is utilized as basis for promotion of adaptation in human persons as evidenced in the four adaptive modes: physiologic, self concept, role function, and interdependence; emphasis on beginning recognition of adaptive human responses versus ineffective responses. History of nursing, selected theories of nursing, nursing roles, and definitions of human person, environment, health, and nursing are discussed; beginning skills related to basic nursing care, communication, and assessment are included. Clinical learning experiences occur in the campus lab and in structured health care facilities with adults. Prerequisite: admission to the ASN program. Pre- or Co-requisite: NURS 105, BIOL 261, MATH 105 or higher
Credits 6

NURS-124 : Prom Adapt Physiologic Mode

Bridging the gap between the role of LPN and basic nursing practice as an RN. Focus is on recognition of adaptive human responses versus ineffective responses related to the physiologic mode of human adaptive systems. The RAM nursing process is utilized for delivery of basic nursing care for human persons focusing on the adaptive/ineffective responses of the identified physiologic mode needs. Builds upon knowledge acquired in study of anatomy, physiology, and developmental psychology. In addition to the classroom and campus laboratory, clinical learning experiences occur in community and hospital settings with adults. Prerequisite: Admission into the LPN-ASN program. Pre- or Co-requisite: NURS 105, NURS 126, BIOL 261 and BIOL 262, PSYC 100 or PSYC 221, MATH 105 or higher.
Credits 5

NURS-125 : Physiological

Focusing on recognition of adaptive human responses versus ineffective responses related to the physiologic mode of human adaptive systems. The RAM nursing process is utilized for delivery of basic nursing care for human persons focusing on the adaptive/ineffective responses of the identified physiologic mode needs. Builds upon knowledge acquired in study of anatomy, physiology, and developmental psychology. In addition to the classroom and campus laboratory, clinical learning experiences occur in community and hospital settings with adults. Prerequisites: NURS 105, NURS 115, BIOL 261. Pre-or Co-requisite: NURS 126, BIOL 262, PSYC 100 or PSYC 221.
Credits 6

NURS-126 : Psychosocial

Focusing on recognition of adaptive human responses versus ineffective responses related to the 3 psychosocial modes of human adaptive systems. The RAM nursing process is utilized for delivery of basic nursing care for human persons focusing on the adaptive/ineffective responses of the psychosocial modes: self concept, role function, and interdependence. Builds upon knowledge acquired in study of anatomy, physiology, and developmental psychology. Clinical experiences occur in community and/or hospital mental health care facilities with adults/children/adolescents. Prerequisites: NURS 115 or equivalent, BIOL 261. Pre-or Co-requisite: NURS 105, NURS 124 or NURS 125, BIOL 262, PSYC 100 or PSYC 221.
Credits 3

NURS-195 : Special Topic

NURS-241 : Prom Adapt Adults I

Utilizing the RAM nursing process to promote adaptation in young, middle-age, and elder adults; focusing on physiological and behavioral deviations associated with ineffective human adaptive responses seen in compensatory and/or compromised health states related to oxygenation (respiratory, cardiac); fluid, electrolyte, and acid-base balance (renal/urinary); activity/rest (musculoskeletal); endocrine function. Use of current research findings in promotion of adaptive physiologic, self concept, role function, and interdependence responses in the adult. Clinical experiences occur in community and/or hospital settings. Prerequisites: NURS 124 or 125, NURS 126. Pre-or Co-requisite: NURS 245 or NURS 246.
Credits 7

NURS-242 : Prom Adapt Adults II

A continuation of promotion of adaptation in young, middle-age, and elder adults. Utilizes the RAM nursing process to focus on physiological and behavioral deviations associated with ineffective human adaptive responses seen in compensatory and/or compromised health states related to protection (hematologic, immune, integument); nutrition, elimination (gastrointestinal); senses; neurologic function. Use of current research findings in promotion of adaptive physiologic, self concept, role function, and interdependence responses in adults. Clinical experiences occur in community and/or hospital settings. Prerequisites: NURS 241. Pre-or Co-requisite: NURS 245 or NURS 246.
Credits 6

NURS-244 : Prom Adapt Adults II

For LPN-ASN students that is a continuation of promotion of adaptation in young, middle-age, and elder adults. Utilizes the RAM nursing process to focus on physiological and behavioral deviations associated with ineffective human adaptive responses seen in compensatory and/or compromised health states related to protection (hematologic, immune, integument); nutrition, elimination (gastrointestinal); senses; neurologic function. Use of current research findings in promotion of adaptive physiologic, self-concept, role function, and interdependence responses in adults. Clinical experiences occur in community and/or hospital settings. Prerequisites: LPN-ASN student, NURS 241. Pre- or Co-requisites: NURS 245 or NURS 246.
Credits 5

NURS-245 : Prom Adapt Children

Utilizing the RAM nursing process to promote adaptation in children; specifically, focuses on adaptive and ineffective responses seen in infants, toddlers, preschool children, school-age children, adolescents, and their families. Physiological and behavioral deviations associated with ineffective huan adaptive responses seen in compensatory and/or compromised health states examined. Use of current research findings in promotion of adaptive physiologic, self concept, role function, and interdependence responses in children and their families. Clinical experiences occur in community and/or hospital settings. Prerequisites: NURS 124 or125. Pre-or Co-requisite: NURS 241 or NURS 242 or permission of ASN Program Chair. Pre- or Co-requisite for LPN-ASN students: NURS 241 or NURS 244 or permission of ASN Program Chair.
Credits 3

NURS-246 : Prom Adapt Childbearing Fam

Utilizing the RAM nursing process to promote adaptation in childbearing families; specifically, focuses on adaptive and ineffective human responses seen in women, including childbearing years, neonates, and families. Physiological and behavioral deviations associated with ineffective human responses seen in compensatory and/or compromised health states examined. Use of current research findings in promotion of adaptation for human persons/family adaptive systems included. Clinical learning experiences occur in campus laboratory and in community and/or hospital settings to develop skills in providing care for human persons/families. Prerequisites: NURS 124 or125. Pre-or Co-requisite: NURS 241 or NURS 242 or permission of ASN Program Chair. Pre- or Co-requisite for LPN-ASN students: NURS 241 or NURS 244 or permission of ASN Program Chair.
Credits 3

NURS-290 : Nursing Seminar

Current trends and issues in nursing, application of nursing care to promote adaptation for human persons and families, management principles, application for licensure, job seeking skills, and continuing education activities. Prerequisite: NURS 241. Pre-or Co-requisites: NURS 242 or 244.
Credits 2

NURS-295 : Special Topic

NURS-300 : Transitions to Prof Nursing

Bridges the gap between basic nursing education and professional nursing practice. Current trends and issues in nursing; philosophies and theories influencing nursing; role transition; analysis of the nursing process as applied to human persons, families, groups, communities, and society to promote adaptation in today's health care environ-ment. Prerequisite: admission to the RN-BSN Option

Credits 2

NURS-310 : Pharmacology to Prom Adapt

Introduction to the basic principles of pharmacology and to the broad spectrum of commonly used prescriptive medications in the promotion of human health and adaptation. Historical and cultural perspectives and current pharmacological principles addressed. Role of the professional nurse in administering medication, client education, cultural diversity, and drug abuse prevention. Prerequisites: NURS 320, 330, 340, 350. Corequisites: NURS 360, 375. RN-BSN Option: Pre - or Corequisite: NURS 300.

Credits 3

NURS-320 : Concepts/Fund Prof Nurs

Focus on beginning professional nursing practice. Discussion of health care policy and financial systems; current regulatory measures affecting nursing care delivery; review of evidence-based practice guidelines; nursing philosophies and theories; role transition; analysis of the culturally sensitive nursing process as it is applied to human persons, families, groups, communities, and society to promote adaptation in today's health care environment. Evaluates the nursing paradigm concepts (person, health, nursing and environment) as described by the Roy Adaptation Model (RAM). Clinical experiences occur in the campus laboratory and various health care settings. Prerequisites: general education courses/admission to nursing program;Corequisites: NURS 330, 340, 350

Credits 7

NURS-324 : Concepts and Fundamentals of Professional Nursing for ABSN Students

Focuses on beginning professional nursing practice. Discussion of health care policy and financial systems; current regulatory measures affecting nursing care delivery; review of evidence-based practice guidelines; nursing philosophies and theories; role transition; analysis of the culturally sensitive nursing process as it is applied to human persons, families, groups, communities, and society to promote adaptation in today’s health care environment. Evaluates the nursing paradigm concepts (person, health, nursing and environment) as described by The Roy Adaptation Model (RAM). Pre-Requisites: General education courses/admission to the nursing program; co-requisites; NURS 330, and 350.

Credits 8

NURS-330 : Health Assessment

Principles and theories of health screening; development of history taking skill, physical assessment, and communication skills necessary to synthesize a culturally sensitive nursing data base to determine health status in the four adaptive modes: physiologic, self concept, role function, and interdependence. Prerequisites: general education courses/admission to nursing program; Co-requisites: NURS 320, 340, 350

Credits 3

NURS-340 : Found Nurs Informatics

Examines the evolution, role, and future of nursing informatics. Benefits of information technology integration into nursing practice are evaluated. Prerequisite: general education courses/admission to nursing program. Corequisites: NURS 320, 330, and 350. RN-BSN Option: Consent of the student's academic advisor if current ASN student. RN-BSN Option: Pre - or Corequisite: NURS 300.

Credits 3

NURS-350 : Pathophys Ineffect Human Resp

Builds on concepts and principles from the basic sciences. Emphasis on pathological responses to illness and concepts of adaptation and the culturally sensitive analysis of genetic, physiological and behavioral deviations associated with ineffective human adaptive responses in compensatory and/or compromised health states. Prerequisites: general education courses/admission to nursing program. Corequisites: NURS 320, 330, 340. RN-BSN Option: Pre - or Corequisite: NURS 300.

Credits 3

NURS-360 : Prom Adapt:Young, Mid, Eld

Utilizes the RAM nursing process to promote adaptation in young, middle-age, and elderly adults. Focuses on physiological and behavioral deviations associated with ineffective human adaptive responses seen in compensatory and/or compromised health states related to oxygenation (respiratory, cardiac); fluid, electrolyte, and acid-base balance (renal-urinary); activity/rest (musculoskeletal); endocrine function; and neurologic functions. Incorporates research findings in promotion of adaptive, physiologic, self concept, role function, and interdependence responses in the adult. Clinical experiences occur in a variety of health care settings. Pre-requisites: NURS 320, 330, 340, 350; Corequisites: NURS 310, 375
Credits 8

NURS-375 : Prom Adapt Groups, Commun, Soc

Evaluation of the role of community in the promotion of adaptation of individuals, families, groups, and society with regard to the 4 RAM modes; Culturally sensitive assessments of group, and community; assessment of societal resources; promotion of patient safety across the lifespan; and prevention/control of communicable diseases across the lifespan. Clinical experiences occur in a variety of health care settings.Pre-requisites: NURS 320, 330, 340, 350; Corequisites: NURS 310, 360
Credits 5

NURS-375X : Jr Writing Requirement

Credits 0

NURS-380 : Substance Abuse in Nursing

The study of issues arising from the intentional or inadvertent abuse of misuse of drugs and good as well as the legal and physical implications of such behavior. Emphasis is placed on theories of causation and treatment methodologies. The course will emphasize the scientific theories related to the causes and treatment for abuse or misuse of substances such as recreational drugs (opiates, Hallucinogens, marijuana, steroids), prescription and/or over the counter drugs, tobacco, alcohol, and caffeine. Pre- or Co-requisites: NURS 115 or equivalent.
Credits 2

NURS-390 : Promotion Adaptation Elderly

Enhances the knowledge and skills of the professional nurse in assessing and promoting adaptation for the expanding population of elderly adults. Use of research findings in promotion of adaptive physiologic, self concept, role function, and interdependence responses in the elderly adult. Prerequisite: Consent of the student's academic advisor; Pre- or co-requisite: Admission to RN-BSN Option
Credits 2

NURS-395 : Special Topic

NURS-415 : Adapt in Newborns & Women

Utilizes the RAM nursing process to promote adaptation in childbearing families. Nursing interventions are based on research findings to maximize the childbearing family's physiologic-physical, self-concept-group identity, role function, and interdependence modes. Focus on adaptive and ineffective humanresponses seen in pregnancy and the childbearing process. Physiological and behavioral deviations associated with ineffective human adaptive responses seen in compensatory and/or compromised health states are examined. Clinical experiences occur in a variety of health care settings. Prerequisites: completion of 300-level Nursing courses; Corequisites: NURS 425, 430 or NURS 425, 470, 480
Credits 5

NURS-416 : Promotion of Adaption in Newborns, Women and Childbearing Families for ABSN Students

This course uses the Roy Adaptation Model (1999) of the nursing process to promote adaptation in childbearing families. Nursing interventions are based on research finding to maximize the childbearing family's physiologic-physical, self-concept-group identity, role function, and interdependence modes. The focus is on adaptive and ineffective human responses seen in pregnancy and the childbearing process. Physiological and behavioral deviations associated with ineffective human adaptive responses seen in compensatory and/or compromised health states are examined. Clinical experiences occur in a variety of health care settings. Prerequisites: completion of 300 level Nursing courses, NURS 430, 436, and 464; Co-requisites: NURS 426, 465 and 470.
Credits 4

NURS-425 : Adapt Infants, Child & Adolsc

Utilizes the RAM nursing process to promote adaptation in children. Nursing strategies are based on research findings to maximize the child's physiologic-physical, self-concept, role function, and interdependence modes. Focus on adaptive and ineffective human responses seen in children. Physiological and behavioral deviations associated with ineffective human adaptive responses seen in compensatory and/or compromised health states are examined. Clinical experiences occur in a variety of health care settings. Prerequisites: completion of 300-level Nursing courses; Corequisites: NURS 415, 430 or NURS 415, 470, 48

Credits 5

NURS-426 : Promotion of Adaption in Infants, Children, and Adolescents for ABSN Students

Utilizes the RAM nursing process to promote adaptation in children. Nursing strategies are based on research findings to maximize the child's physiologic-physical, self-concept, role function, and interdependence modes. Focus on adaptive and ineffective human responses seen in children. Physiological and behavioral deviations associated with ineffective human adaptive responses seen in compensatory and/or compromised health states are examined. Clinical experiences occur in a variety of health care settings. Prerequisites: completion of 300-level Nursing courses NURS 430, 436, and 464; Co-requisites: NURS 416, 465 and 470.

Credits 4

NURS-430 : Nursing Research

Roy's Adaption Model posits that persons and the earth have common patterns and integral relationships which can be studied and described through systematic methods of research. Research terminology, methods of sampling, research design, data analysis, and significance of research findings. Evaluation of research data to foster evidence-based nursing practice in promotion of adaptation for human systems in the four adaptive modes. Prerequisite: completion of junior nursing courses; Co-requisites: NURS 415, 425 or NURS 460, 435

Credits 3

NURS-435 : Prom of Psychosocial Adapt

Emphasis on nursing interventions that focus on the promotion of adaptation of clients with acute, chronic and complex mental health problems across the life span. Current trends, ethical and legal issues, political, economic, cultural, and social issues that influence the health care of mental health lients and families are examined. Clinical experiences occur in a variety of health care settings. Pre-requisite: completion of 300-level Nursing courses; Corequisites: NURS 430, 460 or NURS 460, 470, 480

Credits 5

NURS-436 : Promotion of Psychosocial Adaption for ABSN Students

Emphasis on nursing interventions that focuses on the promotion of adaptation of clients with acute, chronic and complex mental health problems across the life span. Current trends, ethical and legal issues, political, economic, cultural, and social issues that influence the health care of mental health clients and families are examined. Clinical experiences occur in a variety of health care settings. Pre-requisite: NURS 324, 330, 350; Co requisites: NURS 310, 430, 464.

Credits 4

NURS-460 : Prom Adapt: Adults II

Utilizes the RAM nursing process to promote adaptation in young, middle-age and elderly adults. Focuses on physiological and behavioral deviations associated with ineffective human adaptive responses seen in compensatory and/or compromisedhealth states related to multi-system conditions/diseases/states. Incorporates research findings in promotion of adaptive, physiologic, self concept, role function, and interdependence responses in the adult. Clinical experiences occur in a variety of health care settings. Pre-requisites: completion of 300-level Nursing courses; Co-requisites: NURS 430, 435 or NURS 435, 470, 480

Credits 5

NURS-464 : Promotion of Adaption: Care of Young, Middle, and Elderly Adults for ABSN Students

Utilizes the RAM nursing process to promote adaptation in young, middle-age, and elderly adults. Focuses on physiological and behavioral deviations associated with ineffective human adaptive responses seen in compensatory and/or compromised health states related to oxygenation (respiratory/cardiac); fluid, electrolyte, and acid-base balance (renal-urinary); activity/rest (musculoskeletal); endocrine function; neurological function; and multi-system conditions/diseases/states. Incorporates research findings in promotion of adaptive, physiologic, self-concept, role function, and interdependence responses in the adult. Clinical practice is provided in a variety of settings. Prerequisites: NURS 324, 330, 350; Co-requisites: NURS 310, 436, 430.
Credits 8

NURS-465 : Population Based Health for ABSN Students

Evaluation of the role of community in the promotion of adaptation of individuals, families, groups, and society with regard to the 4 RAM modes; culturally sensitive assessments of individuals, groups, and community; assessment of societal resources; promotion of patient safety across the lifespan; and prevention/control of communicable diseases across the lifespan. Clinical experiences occur in a variety of health care settings. Prerequisites: NURS 324, 330, 350, 310, 430, 436, 464. Corequisites: NURS 416, 426, and 470.
Credits 3

NURS-470 : Prof Nurs Role Dev/Preceptrshp

Facilitates transition from the role of student to that of beginning professional nurse. Focus on the baccalaureate nurse as a leader/manager and member of an interprofessional health care team in the promotion of adaptation for the human system. Emphasis on theories of critical thinking, health care administration, quality improvement, organizational management, and leadership as applied to the delivery of health care. Clinical experiences occur in a variety of health care settings. Prerequisites: completion of 300-level Nursing courses, NURS 430; Corequisites: NURS 435, 460, 480 or NURS 415, 425, 480
Credits 4

NURS-470Z : Sr Writing Requirement

Credits 0

NURS-480 : Senior Nursing Seminar

Culminating capstone course designed to demonstrate a synthesis of knowledge presented throughout the generic nursing curriculum. Facilitates achievement of program outcomes through integration of content review with a systematic analysis of questions, critical thinking activities, refinement of test taking skills and preparation for the NCLEX-RN. Prerequisites: completion of 300-level Nursing courses, NURS 430; Co-requisite: NURS 435, 460, 470 or NURS 415, 425, 470
Credits 1

NURS-490 : Sr Nursing Seminar

Culminating capstone course designed to demonstrate learning gained from coursework in nursing and General Education Core Curriculum. Communication, critical thinking, and therapeutic nursing skills are examined through oral and written assessments, including standardized tests, papers and student presentations. Prerequisite: Course taken in last semester of nursing major
Credits 1

NURS-495 : Special Topic

Transfer Credit - ASN : ASN Accredited Degree

Students will transfer a minimum of 60 credit hours from an ASN degree from an accredited institution.

All transferred coursework must carry a grade of "C" or better. Credit for Biology, Chemistry, Anatomy, Physiology, and/or Microbiology (including labs for these courses) earned more than eight years ago must be approved by the BSN Program Chair

All transfer credit into the BSN program must be approved by both the BSN Program Chair and the Dean of the Caylor School of Nursing. No nursing courses will be transferred into the BSN Program.
Credits 60

Organizational Learning/Ldrsh

ORLL-270 : Business Statistics
Credits 3

ORLL-310 : International Business
Credits 3

ORLL-320 : Human Resource Management
Credits 3

ORLL-360 : Organizational Theory
Credits 3

ORLL-394 : Accounting for Managers
Credits 3

ORLL-401 : Leading Organization
Credits 3

ORLL-401X : Jr. Writing Requirement
Credits 0

ORLL-402 : Organizational Learning
Credits 3

ORLL-410 : Project Management
Credits 3

ORLL-415 : Leading Organizational Culture & Change
Credits 3

ORLL-420 : Financial Forecasting
Credits 3

ORLL-425 : Organizational Learning
Credits 3

ORLL-430 : Financial Forecasting & Budgeting
Credits 3

ORLL-440 : Legal Environment of Business
Credits 3

ORLL-450 : Busn Strategy in a Global Environment
Credits 3

ORLL-450Z : Senior Writing Requirement
Credits 0

ORLL-480 : Business Systems Analysis & Design
Credits 3

ORLL-480Z : Senior Writing Requirement
Credits 0

Philosophy

PHIL-100 : The Meaning of Life

Readings in documents that have attempted to answer the question: What is the meaning of life? Texts include: those of Plato, Confucius, Epictetus, Marcus Aurelius, Martin Buber, C.S. Lewis, Camus, Sartre, the Book of Ecclesiastes, the Book of Job. *This course meets a General Education Core Curriculum requirement*. Spring.
Credits 3

PHIL-200 : Introduction to Philosophy

A survey of the major questions and issues in philosophy, including the scope and justification of knowledge, the nature of truth and reality, determinism and free will, the mind-body problem, the existence of God, and the nature and scope of morality. *This course meets a General Education Core Curriculum requirement.* Fall.
Credits 3

PHIL-210 : Logic and Critical Thinking

A study of the methods and principles of sound reasoning and their application to important issues in the public square. The course will discuss the nature of arguments and how to evaluate them, covering such topics as deduction and induction, informal fallacies, and techniques for critically analyzing controversial claims. *This course meets a General Education Core Curriculum requirement.* Fall alternate years.
Credits 3

PHIL-311 : Ancient & Medieval Philosophy

A survey of the major philosophers and their ideas from the Ancient Greek period through the Medieval period. Fall alternate years.
Credits 3

PHIL-312 : Modern & Contemporary Philosophy

A survey of the major philosophers and their ideas from the Modern period to the Contemporary period. Spring alternate years.
Credits 3

PHIL-330 : Ethics

A study and evaluation of major ethical theories such as moral relativism, Kantian deontology, utilitarianism, natural law theory, and divine command ethics. Application of these theories will be made to important ethical issues such as abortion, euthanasia, capital punishment, human cloning, and war. *This course meets a General Education Core Curriculum requirement.* Spring.
Credits 3

PHIL-340 : Philosophy of Religion

An examination of the rational justification of religious belief. The focus will be on central issues in the Western philosophical tradition such as the nature and existence of God, miracles, the problem of evil, and religious pluralism. Fall, alternate years.
Credits 3

PHIL-430 : Medical Ethics

Explores bioethical theory applied to medical issues such as human research, confidentiality, personhood, defining health and disease, euthanasia, patient rights. Case analysis emphasized. Prerequisite: ENGL 240 or 250. *This course meets a General Education Core Curriculum requirement.* Fall and Spring.
Credits 3

Physician Assistant Studies

PAS-100 : Pre-PA Seminar I

Credits 1

Physics

All students must earn a grade of C– or better in PHYS 211 and lab to enroll in PHYS 212.

PHYS-100 : Introduction to Physics

An elementary treatment of the principles of physics: mechanics, thermodynamics, waves, sound, electricity, optics, and elementary quantum mechanics. Corequisite: PHYS 100 Lab, 1 credit hour. *This course meets a General Education Core Curriculum requirement.* Fall/Spring.
Credits 3

PHYS-100L : Intro to Physics Lab

This course is the laboratory component to the PHYS 100 lecture course. An elementary treatment of selected principles of physics using a set of laboratory activities from topics possibly including: mechanics, thermodynamics, waves, sound, electricity, optics, and elementary quantum mechanics. This course can be taken concurrently with PHYS 100 or after successful completion of the PHYS 100 lecture with a grade of C- or better. This course meets a General Education Core Curriculum requirement. Fall and Spring.
Credits 1

PHYS-211 : General Physics I

PHYS 211 - General Physics I

This is the first in a two-course survey sequence studying introductory topics in physics with an emphasis on mechanics, sound, and heat. Prerequisite for PHYS 211 is (1) a Math ACT sub-score of 26 or higher, or (2) successful completion (grade of C- or better) in MATH 120 Trigonometry, or (3) successful completion (grade of C- or better) in MATH 150 Calculus I. Co-requisite: PHYS 211 lab, 1 credit hour. *This course meets a General Education Core Curriculum requirement.* Fall.

Credits 3
Credits 3

PHYS-211L : General Physics I Lab

This course is the laboratory component to the PHYS 211 lecture course. An elementary treatment of selected principles of physics using a set of laboratory activities from topics possibly including: mechanics, thermodynamics, waves, and sound. Prerequisite for PHYS 211L is (1) a Math ACT sub-score of 26 or higher, or (2) successful completion (grade of C- or better) in MATH 120 Trigonometry, or (3) successful completion (grade of C- or better) in MATH 150 Calculus I. This course can be taken concurrently with PHYS 211 or after successful completion of the PHYS 211 lecture with a grade of C- or better. *This course meets a General Education Core Curriculum requirement.* Fall.

Credits 1

PHYS-212 : General Physics II

PHYS 212 - General Physics II

This is the second in a two-course survey sequence studying introductory topics in physics with an emphasis on electricity, magnetism, and optics. Prerequisite for enrollment in PHYS 212 is successful completion (grade of C- or better) in PHYS 211. Co-requisite: PHYS 212 lab, 1 credit hour. *This course meets a General Education Core Curriculum requirement.* Spring.

Credits 3

Credits 3

PHYS-212L : General Physics II Lab

This course is the laboratory component to the PHYS 212 lecture course. An elementary treatment of selected principles of physics using a set of laboratory activities from topics possibly including: electricity, magnetism, and optics. Prerequisites for PHYS 212L are successful completion of PHYS 211 and PHYS 211L with a grade of C- or better. This course can be taken concurrently with PHYS 212 or after successful completion of the PHYS 212 lecture with a grade of C- or better. *This course meets a General Education Core Curriculum requirement.* Spring.
Credits 1

PHYS-215 : Applications of Calculus to General Physics I

An extension to PHYS 211 developing the same concepts (mechanics, waves, and thermal physics) from a calculus-based approach. Both differential and integral calculus will be used to solve problems, as well as including more rigorous treatment of vectors. Corequisites: PHYS 211, PHYS211L, MATH 150 (Calculus I). Fall
Credits 1

PHYS-216 : Applications of Calculus to General Physics II

An extension to PHYS 212 developing the same concepts (electricity, magnetism, circuits, and optics) from a calculus-based approach. Both differential and integral calculus will be used to solve problems, as well as including more rigorous treatment of vectors. Corequisites: PHYS 212, PHYS212L, MATH 250 (Calculus II). Spring
Credits 1

PHYS-251 : University Physics I

This is an introductory course studying the topics of classical physics (mechanics, sound, and heat) using calculus and vectors. Prerequisite for PHYS 251 is successful completion (grade of C- or better) in MATH 150 Calculus I. Co-requisite: PHYS 251 lab, 1 credit hour. *This course meets a General Education Core Curriculum requirement.* Fall.
Credits 4

PHYS-251L : University Physics I Lab

This course is the laboratory component to the PHYS 251 lecture course. It is an introductory laboratory course studying the topics of classical physics (mechanics, sound, and heat) using calculus and vectors. Prerequisite for PHYS 251 is successful completion (grade of C- or better) in MATH 150 Calculus I. This course can be taken concurrently with PHYS 251 or after successful completion of the PHYS 251 lecture with a grade of C- or better. *This course meets a General Education Core Curriculum requirement.* Fall.
Credits 1

PHYS-252 : University Physics II

This is the second course in a sequence studying the topics of classical physics (optics, electricity, and magnetism) using calculus and vectors. Prerequisite for enrollment in PHYS 252 is successful completion (grade of C- or better) in PHYS 251. Co-requisite: PHYS 252 lab, 1 credit hour. *This course meets a General Education Core Curriculum requirement.* Spring.
Credits 4

PHYS-252L : University Physics II Lab

This course is the laboratory component to the PHYS 252 lecture course. It is an introductory laboratory course studying the topics of classical physics (optics, electricity, and magnetism) using calculus and vectors. Prerequisite is successful completion of PHYS 251 and PHYS 251L with a grade of C- or better. This course can be taken concurrently with PHYS 252 or after successful completion of the PHYS 252 lecture with a grade of C- or better. *This course meets a General Education Core Curriculum requirement.* Spring.
Credits 1

PHYS-320 : Modern Physics

An introduction to the concepts of modern physics. Topics include relativistic dynamics, quantum mechanics, statistical physics, particle physics, and solid state physics. Prerequisite for enrollment in PHYS 320 is (1) successful completion (grade of C- or better) in both PHYS 212 and PHYS 216, or (2) successful completion (grade of C- or better) in PHYS 252. Fall alternate years.
Credits 3

PHYS-350 : Introduction to Electronics

An introductory course to serve as a survey of electronics, particularly as applicable to laboratory work. Topics include basic electronic components, circuits, op-amps, data acquisition, and instrumentation interfacing. Prerequisite for enrollment in PHYS 350 is successful completion (grade of C- or better) in PHYS 212. Co-requisite: PHYS 350 lab, 1 credit. Fall.
Credits 3

PHYS-350L : Introduction to Electronics Lab

This course is the laboratory component to the PHYS 350 lecture course. It is an introductory course to serve as a survey of electronics, particularly as applicable to laboratory work, benchtop experiments, and instrumentation. Topics include basic electronic components, circuits, op-amps, data acquisition, and instrumentation interfacing. Prerequisite is successful completion of PHYS 212 and PHYS 212L with a grade of C- or better and concurrent enrollment in the PHYS 350 lecture. Fall.
Credits 1

PHYS-395 : Special Topic

Special Topics Courses are occasionally offered based on varied topics in physics not available in regular courses. Prerequisites vary depending on the course design and include the consent of the instructor. Offered based on demand.
Credits 1
-3

PHYS 151 : Calculus Based Physics I

This is a calculus-based study of basic physics concepts. Topics include vectors, kinematics, Newton's Laws, work, conservation of energy, impulse, and conservation of momentum. Prerequisite is either successful completion (grade of C- or better) of ENGR 104 Math Applications in Engineering, concurrent enrollment or successful completion (grade of C- or better) in MATH 150 Calculus I. Co-requisite: PHYS 151 lab, 1 cr hr. Spring.
Credits 3

PHYS 151L : Calculus Based Physics I Lab

This course is the laboratory component to the PHYS 151 lecture course. A calculus-based study of basic physics concepts. Topics include vectors, kinematics, Newton's Laws, work, conservation of energy, impulse, and conservation of momentum. Prerequisite is either successful completion (grade of C- or better) of ENGR 104 Math Applications in Engineering, concurrent enrollment or successful completion (grade of C- or better) in MATH 150 Calculus I. Co-requisite: PHYS 151 lecture, 3 cr hrs. Spring.
Credits 1

PHYS 152 : Calculus Based Physics II

This is a calculus-based study of basic physics concepts. Topics include statics, gravitation, oscillations, waves, fluid mechanics, heat and temperature, and first and second law of thermodynamics. Prerequisite is either successful completion (grade of C- or better) PHYS 151. Co-requisite: PHYS 152 lab, 1 cr hr. Fall.
Credits 3

PHYS 152L : Calculus Based Physics II Lab

This course is the laboratory component to the PHYS 152 lecture course. This is a calculus-based study of basic physics concepts. Topics include statics, gravitation, oscillations, waves, fluid mechanics, heat and temperature, and first and second law of thermodynamics. Prerequisite is either successful completion (grade of C- or better) PHYS 151. Co-requisite: PHYS 152 lecture, 3 cr hr. Fall.
Credits 1

Political Science

POLS-100 : American Government: National

Examination of the basic principles, institutions, and processes of American national government, with a focus on the Constitution, the Presidency, Congress, the Supreme Court, political parties, and other political and public institutions. *This course meets a General Education Core Curriculum requirement.* Fall.
Credits 3

POLS-220 : Intro to Public Administration

Introduction to the theory and practice of public administration. Emphasis on the role of public servants, the relationship between politics and public management, political accountability of public agencies, organizational theories and administrative policymaking. Spring.
Credits 3

POLS-240 : Intro to Political Ideas

Study of perennial philosophic questions of political life including, "What is justice?" "What is the purpose of government?" and "What is the best possible regime?" Such questions will be considered by carefully reading classic works of political philosophy and literature. Prerequisite: ENGL 102. *This course meets a General Education Core Curriculum requirement.* Fall.
Credits 3

POLS-250 : Introduction to International Relations

Introduction to the theory and practice of international politics through examination of the economic, military, and political forces which operate among states, international organizations, and other actors. Prerequisite: ENGL 102. *This course meets a General Education Core Curriculum requirement.* Spring.
Credits 3

POLS-320 : Comparative Politics

Comparative study of political systems of industrialized and developing countries. Fall
Credits 3

POLS-322 : Introduction to Public Policy

Study of the nature of the public policymaking process as it reveals itself in the creation, formulation, and implementation of public policy. Prerequisite: ENGL 102. Spring.
Credits 3

POLS-324 : Law and the Judicial System

An introduction and survey of the field of law for students interested in understanding the diverse nature of the field of jurisprudence and legal studies. Prerequisite: ENGL 102 or POLS 100. Spring.
Credits 3

POLS-325 : State & Local Government

Study of state, county, and municipal government. Emphasis on the institutional structure of government, the principles of federalism as they apply to state and local governments, the policymaking process, and inter/intra agency relations. Prerequisites: POLS 100 OR POLS 220 OR Engl 102.
Credits 3

POLS-325X : Junior Writing Requirement

Credits 0

POLS-331 : Introduction to Constitutional Law

This is a study of major developments and cases in constitutional law as interpreted by the Supreme Court. This account of the living Constitution traces practices, customs, traditions, and fundamental legal ideas in their historic setting. Prerequisites: ENGL 102 or POLS 100. Fall.
Credits 3

POLS-332 : Politics & Legislative Process

Understanding the legislative process with special attention given to the role of interest groups, constituency, and political parties. Prerequisite: ENGL 102. Spring.
Credits 3

POLS-335 : The Presidency

Study of the history and evolution of the political and constitutional roles of the U.S. presidency. Emphasis on presidential elections, the president's relationship to the legislative and judicial branches, and the expanding foreign policy role. Prerequisites: ENGL 102, POLS 100
Credits 3

POLS-350 : American Foreign & Security Policy

Study of the major issues relating to American foreign policy and national security including the foreign policymaking process, economic agreements, geopolitical rivals, terrorism, weapons proliferation, and energy concerns. Prerequisite: POLS 250.
Credits 3

POLS-441 : Liberal Democracy & Its Critics

An in-depth study of the origins and evolutions of the concept of liberal democracy and its prominent critics, including those from conservative, Marxist, and existential perspectives. Examines the work of Locke, prominent American founders, Mill, Rawls, Rousseau, Burke, Marx, Nietzsche and MacIntyre. Prerequisite: POLS 240.
Credits 3

POLS-497 : Political Science Seminar

Seminar on selected problems in political science. Fall/Spring as needed. Prerequisites: POLS 100, and Senior status. Spring.
Credits 3

POLS-497Z : Sr. Writing Requirement

Credits 0

POLS-498 : Internship

Staff/apprentice work at a law firm, government or other political or large organization or agency. Each credit hour earned requires 60 hours of logged-on, on-duty work. The student must submit a written report or journal at the conclusion of the internship and other requirements as stated in syllabus. The internship is monitored and evaluated by a faculty sponsor, in verification and close consultation with the supervising representative of the organization. Prerequisites: POLS 100. Fall/Spring/summer as needed.
Credits 3

Pre Rehabilitation Science

PRS-185 : Freshman Seminar in Rehabilitation Sciences

This course is the first in the sequence of two courses designed to introduce students to the rehabilitation science professions and to the professional phase of the physical and occupational therapy curriculum. Students will be introduced to the history of the physical and occupational therapy professions, scope of practice, professional organizations, roles of other health care professionals, and the importance of scientific research and its link to the concept of evidence-based practice. Concepts related to the managed care and the changing healthcare environment will be explored as they relate to the healthcare professional and consumer. Additionally, issues of contemporary practice will be discussed and debated. Fall
Credits 1

PRS-285 : Sophomore Seminar in Rehabilitation Sciences

This course is the second in a sequence of two courses designed to introduce students to the professional phase of the physical and occupational therapy curriculum and the profession. Topics will include principles of therapeutic communication, ethics and core values, sociocultural issues and cultural fluency in health care delivery, issues in professional continuing education in a dynamic profession, computer literacy in physical and occupational therapy, and an introduction to rehabilitation science medical terminology and documentation formats in physical and occupational therapy. Prerequisite: PRS-185 or permission of instructor. Fall.
Credits 1

Psychology

PSYC-100 : Introduction to Psychology

An introduction to the basic concepts, methods, theories and applications of psychology. Survey of the major areas of psychology such as the scientific method, biological basis of behavior, sensation, perception and consciousness, conditioning and learning, memory and cognition, motivation and emotions, personality and mental disorders. *This course meets a General Education Core Curriculum requirement*. Fall, Spring.
Credits 3

PSYC-221 : Child and Adolescent Development

Developmental transitions from infancy through adolescence. Emphasis on biological, psychological, and socio-cultural factors affecting change and stability across this age span. *This course meets a General Education Core Curriculum requirement.* Fall, Spring.
Credits 3

PSYC-222 : Adult Development

Study of adult life with emphasis on mid-life change and stability. Topics include methodology, theories, and research related to adult changes in cognition, personality, and socioemotional life from 20 to 70 years of age. *This course meets a General Education Core Curriculum requirement.* Spring.
Credits 3

PSYC-255 : Introduction to Social Psychology

Social factors of human behavior; social cognition, interpersonal influences, and relations; group process; interplay of individuals, groups, and society. Prerequisites: PSYC 100. Fall/Spring as needed.
Credits 3

PSYC-260 : Introduction to Evolutionary Psychology

This course examines the application of evolutionary theory and methods to the field of psychology. Attention will be given to the role evolution plays in the understanding of complex human behavior, including cooperation, mating strategies and preferences, parenting, aggression, etc. Special attention will be given to efforts at integrating this perspective into the broader context of psychological inquiry. Prerequisites: PSYC 100. Spring.
Credits 3

PSYC-314 : Hist, Systems Psychology

Historical development of psychology as a science and profession; emphasis on evolution of psycho dynamic and behavioral theories. Prerequisite: PSYC 100. Fall
Credits 3

PSYC-314X : Junior Writing Requirement

Credits 0

PSYC-315 : Theories of Personality

Analysis of extant theories and their contribution to understanding individual differences in behavior and emotions. Analysis utilized to critically evaluate individuals' traits as viewed through lenses of theories presented in course. Prerequisites: PSYC 100, PSYC 221 or PSYC 222, and Junior Standing. Fall.
Credits 3

PSYC-337 : Psychology of Music

A survey of classic and contemporary issues regarding the psychology of music. Topics include: music origins, music and social behavior, auditory sensation and musical perception, neuroscience of music, physiological and emotional responses to music, and musical acquisition. Prerequisite: PSYC 100. Spring as needed.
Credits 3

PSYC-340 : Abnormal Psychology

Diagnosis, classification, and etiology of behavior disorders using the DSM criteria. Nature of psychopathology in relation to relevant biological, behavioral, and socio-cultural variables. Critical analyses of psychopathology in understanding prevalence rates, stigmas, and treatment patterns. Prerequisites: PSYC 100 and Junior Standing. Spring.
Credits 3

PSYC-340X : Jr. Writing Requirement

Credits 0

PSYC-350 : Social Psychology

Social factors of human behavior: social cognition, influences, andrelations; group process; interplay of individuals, groups, and society. Junior SEWS paper. Prerequisites: PSYC 100. Fall
Credits 3

PSYC-350X : Jr Writing Req

Credits 0

PSYC-370 : Educational Psychology

Psycho-educational aspects of the teaching-learning environment. Application of psychological theories to education, psychological processes, and psycho-social variables relating to learning and assessment of performance. Prerequisite: PSYC 100 and PSYC 221 or PSYC 222. Fall, Spring as needed.
Credits 3

PSYC-375 : Statistical Methods for the Social Science

Introductory statistics course from the perspective of the social sciences. Purpose and application of procedures in research analysis are emphasized. Topics include descriptive and inferential statistics, correlation and regression, probability, and hypothesis testing. Prerequisites: PSYC 100, MATH 110 or MATH 115 (preferred), and Junior Standing. Fall.
Credits 3

PSYC-380 : Research in Psychology

Fundamental techniques of research design and methodology in psychology. Topics include description, observation, and measurement of behavior; ethics, correlational and experimental designs. Prerequisites: PSYC 100, PSYC 280, and Junior Standing. Spring.
Credits 3

PSYC-394 : Cognitive Psychology

Experimental and theoretical aspects of information processing and cognitive processes. Topics include memory, attention, knowledge, sensation & perception, language, decision-making, problem solving, and intelligence. Prerequisites: PSYC 100 and Junior or Senior Standing. Spring.
Credits 3

PSYC-395 : Special Topic

Credits 3

PSYC-420 : Psychology of Aging

Psychology of older adults 75 years to end of life. Topics include the dementias; psychology of health related issues, including long-term care, hospice and end of life issues. Prerequisites; PSYC 100, PSYC 221 or 222, and PSYC 390. Spring as needed.
Credits 3

PSYC-450 : Health Psychology

Introduction of behavior applications to contemporary medical and health related issues. Topics include: how 'mind' and body communicate to one another, the role of stress in relation to the immune system and, ultimately, one's health. Other factors will be discussed as they relate to health and disease. Prerequisites: PSYC 280, PSYC 380, and Senior Standing (or permission of instructor.) Spring.
Credits 3

PSYC-460 : Theories of Psychotherapy

Contemporary issues regarding psychotherapeutic approaches to treating psychological disorders. Theories and research in clinical assessment and treatment. Discussion and demonstrations of therapeutic approaches as relevant to specific issues in counseling. Prerequisites; PSYC 340 and Senior Standing (or permission of instructor). Spring.
Credits 3

PSYC-470 : Psychological Tests and Measurements

Study of principles and techniques of psychological assessment and testing, including test construction, norming, and issues of reliability and validity. Major tests of intelligence and personality will be discussed. Critical examinations of tests' construction and development also covered. Prerequisites: PSYC 280, PSYC 380, and Senior standing. Fall.
Credits 3

PSYC-475 : Neuropsychology

Examines structures and functions of the human nervous system as the foundation of behavior. Topics include anatomy and physiology, intra- and intercellular communication, the biological basis of movement, sleep, disorders, memory, and perceptual systems. Prerequisites: PSYC 280, PSYC 380, and Senior Standing. Fall.
Credits 3

PSYC-480 : Experimental Psychology

Experimental methodology, techniques, and ethics in the field of psychology; emphasis on current practice. Includes designing a study, collecting and analyzing data, and reporting the research Senior SEWS paper. Prerequisites: PSYC 100, 280, 380; Psychology majors only and permission of instructor. Fall
Credits 3

PSYC-480Z : Sr Writing Req

Credits 0

PSYC-488 : Senior Thesis

Students design, conduct, and present an original empirical study. This course is intended for advanced students who, upon completion of PSYC 480, have designed an empirical study and have completed CITI certification. May be repeated. Prerequisites: PSYC 480, PSYC 480Z, and Permission of Faculty. Spring as needed.
Credits 3

PSYC-490 : Practicum in Psychology

Clinical field placement within a facility offering psychological services. Field placement of 60 clock hours per credit hour. LMU retains ultimate control and supervision of the practicum. Prerequisite: Approval of the instructor / Program Director. As needed.
Credits 3

PSYC-498 : Seminar Internship Psych Srvcs

Weekly seminar, including a supervised internship experience of 60 clock hours, during the senior year with an approved agency or organization offering psychological services. Lincoln Memorial University retains ultimate control and supervision of the internship. Prerequisite: Permission of Instructor. Spring.
Credits 3

PSYC-498Z : Sr. Writing Requirement

Credits 0

Religion

REL-210 : Surv Old Testament

Examines the books of the Old Testament from historical, cultural, religious, and critical perspectives to achieve greater understanding and appreciation. Includes study of Old Testament cities and contributions of major biblical personalities. *This course meets a General Education Core Curriculum requirement*. Fall.
Credits 3

REL-220 : Surv New Testament

Examines the books of the New Testament from historical, cultural, religious, and critical perspectives to achieve greater understanding and appreciation. Includes study of locations of New Testament biblical cities and contributions of major biblical personalities. T*his course meets a General Education Core Curriculum requirement.* Spring.
Credits 3

REL-310 : Comparative Religions

A historical survey of world religions of non-western traditions. Includes a study of Shinto, Hinduism, Jainism, Buddhism, Taoism, Confucianism, Zoroastrianism, Judaism and Islam. Fall alternate years
Credits 3

REL-310X : Jr Writing Req

REL-315 : Comparative Christianity

A survey of the major agreements on Christian doctrine and practice coupled with a study of the various denominational differences between the following traditions: Eastern Orthodox, Roman Catholic, Reformed, Wesleyan, Evangelical, and Free Tradition. Spring alternate years.
Credits 3

REL-320 : History of Christianity

A survey of the historical development of Christianity with special attention given to the rise of the papacy, the Protestant Reformation, the Catholic Counter-Reformation, and the emergence of religious pluralism in the United States. Spring alternate years.
Credits 3

REL-320X : Jr. Writing Requirement

Credits 0

REL-321 : History of Christianity I

A Survey of the historical and theological development of Christianity from the period of the from the period of the early church to the eve of the Protestant Reformation.
Credits 3

REL-322 : History of Christianity II

A survey of the historical and theological development of Christianity from the Protestant Reformation to the present. Spring, alternate years.
Credits 3

REL-325 : Religion in America

A survey of the major religious movements that have developed in America. Special emphasis on Native American religion, the influence of religion on social change, and legal issues involving religion and the U.S. Constitution. Fall alternate
Credits 3

REL-464 : Islam

An exploration of the history, theology, and practice of Islam in the past and present. Recommended prerequisite: REL 310. Spring, alternate years.
Credits 3

REL-465 : Eastern Religions

An exploration of the history, theology, and practice of major religions of the East, including Hinduism, Buddhism, and Taoism. Recommended prerequisite: REL 310. Spring alternate years.
Credits 3

REL-495 : Special Topic

REL-497 : Senior Thesis in Religion

Students develop, research, write, and present a major research paper in religion under the guidance of a faculty mentor. Thesis to be evaluated by a committee comprised of the faculty mentor and two other faculty members. Students are required to present their findings in a public forum as well as to defend their thesis before the committee. Prerequisite: Senior standing. As needed.
Credits 3

REL-497Z : Sr. Writing Requirement

Credits 0

Respiratory Therapy

REST-199 : Elective Credit

Elective Credit-Transfer
Credits 3

REST-299 : Elective Credit

Elective Credit-Transfer
Credits 3

REST-301 : Intro to Human Disease

This course gives respiratory therapy students a general introduction to a broad variety of human diseases. Etiology, diagnosis, and treatment will be discussed.
Credits 2

REST-310 : Cardiorespiratory Physiology, Assessment

Credits 3

REST-320 : General Respiratory Care

Credits 3

REST-331 : Respiratory Techniques I

Credits 3

REST-332 : Respiratory Techniques II

Life Support. This course focuses on the most important clinical laboratory procedures and equipment used by the respiratory therapist to support critically ill patients. Specifically, this course instructs students in mechanical ventilators, pressure and heart rate monitors, pulmonary mechanics devices, and arterial blood gas sampling.
Credits 3

REST-340 : Intro to Research in Respiratory Care

Credits 1

REST-350 : Cardiorespiratory Diseases

This course outlines general cardiorespiratory diseases of the adult, including acute and chronic disorders. Respiratory therapeutics applied to these diseases are discussed.
Credits 3

REST-360 : Life Support

Credits 3

REST-370 : Neonatal-Pediatric Respiratory Care

This course outlines fetal physiology, cardiorespiratory transition, and respiratory management of neonatal pathologies, including respiratory distress syndrome. Cardiorespiratory techniques for the pediatric patient as well as pediatric trauma and transport are reviewed.
Credits 3

REST-391 : Respiratory Care Practicum I

Credits 3

REST-392 : Respiratory Care Practicum II

This clinical practicum introduces students to variations in oxygen delivery and basic mechanical ventilation. Treatment modalities and hemodynamic monitoring on mechanically ventilated patients will be integrated.
Credits 3

REST-399 : Elective Credit

Elective Credit-Transfer
Credits 3

REST-400 : Pulmonary Diagnostics

This course outlines and discusses both normal and abnormal lung volumes and capacities, mechanics of ventilation, inspiratory and expiratory flows, and diffusion of the lung. Additional specialty.
Credits 3

REST-410 : Cardiorespiratory Monitoring

This course reviews electrocardiograms, intracranial pressure monitoring, capnography, and pulmonary artery monitoring techniques. Case studies emphasizing these special procedures are presented.
Credits 3

REST-420 : Cardiorespiratory Pharmacology I

This course provides an overview of the basics of pharmacology therapeutics, focusing on dosages and solutions and bronchodilator drugs. Indications, side effects, mechanism of action, and route of administration are discussed.
Credits 3

REST-421 : Cardiorespiratory Pharmacology II

Cardiorespiratory Pharmacology I. An overview of pharmacologic agents and their effect on the various body systems. Drug effects on the respiratory, circulatory, and nervous systems are emphasized.
Credits 3

REST-430 : Pulmonary Rehab & Geriatrics

This course gives an overview of rehabilitation therapies and techniques applicable to chronic lung disease, as well as respiratory therapy home care. Basic concepts of gerontology and geriatrics are presented.
Credits 3

REST-450 : Respir Care Leadership & Manageý Respiratory Care Leadership & Management

Specific theory and practice applied to directing and managing a respiratory therapy department, including the managerial functions of budgeting, controlling, organization, planning, staffing, and coordinating. Leadership and skills pertinent to these functions as well as effective communication and professionalism are included.
Credits 3

REST-460 : Advanced Cardiac Life Support

This course introduces students to the didactic and technical skills needed for successful proficiency of Advanced Cardiac Life Support standards as set forth by the American Heart Association.
Credits 3

REST-470 : Patient Education Techniques

Education techniques for patients and families dealing with chronic respiratory disease. Topics include asthma, chronic obstructive pulmonary disease, and smoking cessation education. Assessment of learning readiness, reading levels, and patient comprehension will be addressed.
Credits 3

REST-491 : Respiratory Care Practicum III

This course allows students to apply advanced patient assessment techniques, information gathering skills, and communication and leadership skills in the neonatal/pediatric and adult critical care clinical settings.
Credits 3

REST-492 : Respiratory Care Practicum IV

Students will manage patients in critical care settings with emphasis on cardiopulmonary assessment and monitoring. They will participate in pulmonary rehabilitation, home care, advanced cardiac life support, pulmonary functions, polysomnography, and other special procedures.
Credits 3

REST-499 : Elective Credit

Elective Credit-Transfer
Credits 3

Sci, Tech, Engineering, & Math

STEM-460 : Methods of Sec Math/Nat Sci Instruction

This course will address focused aspects of the STEM disciplines for effective secondary classroom and laboratory instruction. Topics will include contemporary state and national math and natural science learning standards, lab safety, learning assessment, computational integration, design and preparation of laboratory experiences, and writing real-world problems and application exercises. The literature of STEM instruction and the use of demonstrations are the focus of projects. A portion of instructional time will be in science lab settings. Pre-requisites: MATH150 and both general education natural science courses.
Credits 3

Science

SCI-394 : Natural Science Enhancement

Upper-level content review in genetics, cell biology, physiology, general and organic chemistry, and general physics. Advance dreading and vocabulary enhancement for natural sciences with history and philosophy of science. Pre-requisites: ENGL 210, BIOL 112, CHEM 112, PHYS 212 or equivalent with course grades of "B" or better in each course. Fall.
Credits 3

SCI-395 : Special Topics

Credits 3

Social Work

SOCW-100 : Intro to Social Work

Development of the social work profession; mission; knowledge, values and skills; practice settings; client groups; helping services; career patterns; and practice methods. Developing awareness of abilities and interests for this career choice. Fall.
Credits 3

SOCW-230 : Introduction to Social Welfare

Origins, values, and problems encountered in program development and delivery of social welfare services in American society. Fall.
Credits 3

SOCW-240 : Orientation to Practice

Interviewing skills, written documentation requirements, and technological competencies within the organizational setting. Fall.
Credits 3

SOCW-310 : Hum Behav, Soc Env

Sociocultural, psychological, and biological influences within the social systems context. Focus on individual development and interactions between families, groups, organizations, and communities. Examples applied to Appalachian environments. Prerequisite: PSYC 221. Junior SEWS paper. Spring
Credits 3

SOCW-310X : Junior Writing Requirement

Credits 0

SOCW-315 : Family Grief and Loss

Family grief and loss is more prevalent today due to terrorism, illness, natural disasters, or senseless tragedies, such as school shootings. This class will introduce the student to the experiences of grief and loss in their own lives and in their helping roles for clients, family, and friends. They will learn about support systems, resources, and policies that are in place to help those coping with grief and loss. Prerequisite: ENGL 102 or sophomore status. Fall.
Credits 3

SOCW-320 : Child and Family Welfare

Social issues and problems impacting children and families in urban and rural environments. Overview of the major intervention programs and social service delivery systems. Spring.
Credits 3

SOCW-330 : Human Diversity and Social Justice

Role of human diversity in society; focus on understanding the impact of discrimination, oppression, differences and similarities in experiences, needs, beliefs, and values in working with diverse groups. Includes discussion of human rights and social/economic justice. Spring.
Credits 3

SOCW-335 : Medical Social Work

Medical Social Work introduces and develops the skills needed for healthcare settings: hospitals, clinics (human and animal), outpatient office settings, hospices, homecare & nursing homes. Students will learn how to utilize inter-professional collaboration, integrated and behavioral health. Skills including case management, discharge planning, crisis intervention, medical terminology, documentation, advocacy, understanding cultural diversity, individual & family interviewing and understanding psychosocial issues related to each setting. Prerequisite: ENGL 102 or sophomore status. Spring.
Credits 3

SOCW-340 : Practice With Individuals

Introduction to knowledge, values, and skills for entry-level generalist practice with diverse individuals and families. Focus on skills needed for case management and intervention: data collection and recording, client involvement, assessment, and intervention planning. Prerequisites: SOCW 240 and Phase I Admission to Social Work program. Spring.
Credits 3

SOCW-380 : Social Work Research: Design and Methodology

Scientific method and research strategies: design and methodologies for qualitative and quantitative research. Focus on development of a research proposal and application of methodologies to evaluation of social work practice and service delivery. Prerequisites: Completion of Mathematics requirement Statistics course or permission of instructor. Fall.
Credits 3

SOCW-385 : Social Work Research: Data Analysis

Analysis and interpretation of qualitative and quantitative data. Focus on skill development in data preparation using computers, basic statistical techniques, and understanding data presentation /interpretation as both producer and consumer of research. Prerequisite: SOCW 380. Spring.
Credits 3

SOCW-450 : Practice with Groups and Families

Application of knowledge, values, and skills to entry-level generalist practice with groups and families. Emphasis on theory based techniques for conducting both task and interventive groups. Prerequisite: Phase II Admission to Field Experience. Corequisite: SOCW 497. Fall.
Credits 3

SOCW-460 : Practice with Communities and Organizations

Application of knowledge, values, and skills to entry-level generalist practice with organizations and community systems. Social work administration, leadership, and community organizing skills. Prerequisite: Phase II Admission to Field Experience. Corequisite: SOCW 497. Fall.
Credits 3

SOCW-470 : Social Welfare Policy and Issues

Dynamics of social welfare policy formulation and policy-related role expectations. Emphasis on analysis and evaluation of programs and policies in the social welfare system. Prerequisites: Phase II Admission to Field Experience. Corequisite: SOCW 498. Senior SEWS paper. Spring.
Credits 3

SOCW-470Z : Sr. Writing Requirement

Credits 0

SOCW-497 : Social Work Senior Seminar I

Integration of generalist knowledge, values, and skills in preparation for student's transition to professional worker. A weekly seminar to accompany SOCW 497F Social Work Field Experience I (225 clock hours), a supervised work experience in an approved agency setting. Prerequisite: Phase II Admission to Internship. Corequisite: SOCW 497F Social Work Field Experience I (225 clock hours). Fall.
Credits 3

SOCW-497F : Social Work Field Experience I

Integration of generalist knowledge, values, and skills in preparation for student's transition to professional worker. A supervised work experience in an approved agency setting. 225 clock hours. Prerequisite: Phase II Admission to Internship. Corequisite: SOCW 497 Social Work Senior Seminar I. Fall.
Credits 5

SOCW-498 : Senior Seminar II

Integration of generalist knowledge, values, and skills in preparation for student's transition to professional worker. A weekly seminar accompanied by a supervised work experience in an approved agency setting. Prerequisites: Phase II Admission to Field Experience; SOCW 497 and SOCW 497F. Corequisite: SOCW 498F Field Experience II (225 clock hours). Spring.
Credits 3

SOCW-498F : Field Experience II

Integration of generalist knowledge, values, and skills in preparation for student's transition to professional worker. A supervised work experience in an approved agency setting. 225 clock hours. Prerequisite: Phase II Admission to Internship and SOCW 497 and 497F. Corequisite: SOCW 497 Social Work Senior Seminar I. Fall.
Credits 5

Sociology

SOCI-100 : Introduction to Sociology

Overview of principles employed in analyzing the nature of societal, cultural, and group behavior. Applications to major social institutions and individual lives. *This course meets a General Education Core Curriculum requirement.* Fall, Spring.
Credits 3

SOCI-330 : Cultural Diversity

Perspectives on the dynamics of oppression, assimilation, and pluralism. Populations distinguished by age, gender, race, disablement, sexual orientation, and ethnicity. *This course meets a General Education Core Curriculum requirement.* As needed.
Credits 3

Spanish

SPAN-111 : Beginning Spanish I

Introduces modes of Spanish communication; emphasizes conversational language through application of grammatical structures to vocabulary. Includes listening and reading comprehension. Prerequisite to SPAN 112: SPAN 111 or one year of high school Spanish. SPAN 111 Fall, SPAN 112 Spring
Credits 3

SPAN-112 : Beginning Spanish II

Introduces modes of Spanish communication; emphasizes conversational language through application of grammatical structures to vocabulary. Includes listening and reading comprehension. Prerequisite to SPAN 112: SPAN 111 or one year of high school Spanish. SPAN 111 Fall, SPAN 112 Spring
Credits 3

SPAN-211 : Intermediate Spanish I

Emphasizes conversation and composition with more detailed study of grammar and syntax. Work on refining oral and written skills through original writing. Further studies in history, geography, and cultural aspects of the Hispanic world. Prerequisite: SPAN 111-112 or consent of the Instructor. SPAN 211 Fall, SPAN 212 Spring
Credits 3

SPAN-212 : Intermediate Spanish II

Emphasizes conversation and composition with more detailed study of grammar and syntax. Work on refining oral and written skills through original writing. Further studies in history, geography, and cultural aspects of the Hispanic world. Prerequisite: SPAN 111-112 or consent of the Instructor. SPAN 211 Fall, SPAN 212 Spring
Credits 3

SPAN-330 : Advanced Grammar and Composition

Emphasizes study of compound verb tenses, subjunctive mood, and comparisons and use of clauses. Student compositions complemented by oral reading and classroom conversation. Prerequisite: SPAN 211-212 or appropriate placement test score. Fall/Spring as needed.
Credits 3

Special Education

SPED-180 : Assessment & IEP Development

Candidates in this course prepare to use valid assessment techniques for screening, placement, programming for, and monitoring progress of individuals with diverse learning needs and disabilities. Emphasis is placed on how to assess for IEP eligibility while minimizing bias. Through collaborative effort, candidates develop IEPs that are meaningful, accessible to the family, and exemplary in terms of instructional, legal, and ethical standards. Fall, Spring
Credits 3

SPED-190 : Professional Partnerships: Special Education Law & Ethics for Collaboration with Families, Schools, and Agencies

SPED 190: Professional Partnerships: Special Education Law & Ethics for Collaboration with Families, Schools, & Agencies (3 cr hrs) Candidates examine SPED legislation & relevant case law to develop a foundational knowledge of legal & ethical principles for collaboration as related to the IEP and other legally binding documents. Candidates will interpret & apply legal constructs to understand & develop appreciation for the role of families, schools, community agencies & individuals with disabilities in the process of developing, delivering, monitoring, and evaluating effective SPED services. Fall/Spring
Credits 3

SPED-210 : Managing Academic and Social Behavior of Students with Disabilities

Candidates apply knowledge of how their behaviors as teachers, the environment and disabilities influence the behaviors of all students including those with disabilities. They develop and deliver effective instruction using behavioral principles within a framework of positive behavioral interventions and supports, and functional behavior assessments. They create and modify behavioral intervention plans to help students whose behaviors may interfere with the learning process. Fall, Spring
Credits 3

SPED-230 : Characteristics and Communication of Students with Severe Disabilities

Candidates evaluate the varied characteristics and communication skills of students with extensive support needs such as health care, self-care, community-living, and self-advocacy. They focus on how these support needs affect performance at school. They understand how to apply various definitions of intelligence, disability, and communication. They adopt an inclusive philosophy that promotes self-determination. Fall, Spring
Credits 3

SPED-270 : Teaching the Exceptional Learner

This course is designed to prepare candidates to develop individualized plans for students with learning exceptionalities. Candidates will learn to adjust goals and teaching strategies to help students with exceptionalities succeed in the regular classroom. Fall, Spring
Credits 2

SPED-320 : Differentiated Instruction

An in-depth study of individual teaching styles and learning styles. The course is designed to align appropriate teaching styles to diverse learning styles. Clinical field experience in an exceptional needs setting required. Fall, Spring.
Credits 3

SPED-330 : Methods of Instruction and Support for Students with Severe Disabilities

Candidates plan, implement, and evaluate instructional practices, curricula, and methods of supporting learners with severe or multiple disabilities. They examine community-based, educational, recreational, work, and living options and supports. They use task analysis to functionally assess curricular and IEP goals and individualize instruction for all learners. Clinical field experience in an exceptional needs setting required. Fall, Spring
Credits 3

SPED-340 : Characteristics of Students with High Incidence Disabilities

Candidates evaluate the varied characteristics and communication skills of students with high incidence disabilities, including learning disabilities, emotional and behavioral disabilities and mild or moderate intellectual disabilities. They focus on how these support needs affect performance at school. They understand how to apply various strategies of accommodations and curricular modifications to meet individualized learning needs. They adopt an inclusive philosophy that promotes self-determination. Clinical field experience in an exceptional needs setting required. Fall, Spring.
Credits 3

SPED-400 : Literacy, Language, and Communication

Candidates in this course learn collaborative team-work with speech/language pathologists and other professionals in addressing literacy, communication, and language development of children with special needs. They learn to collaborate and consult with professionals in order to evaluate students' needs, contribute to IEP preparation and provide exemplary instruction. Fall, Spring
Credits 3

SPED-410 : Access, Assistive Technology, AAC, and Functional Academics

Candidates ensure that students have access to grade level instruction with appropriate accommodations in general education curriculum and/or state standards. Candidates design instruction to maximize learner response and participation using principles of Universal Design for Learning. They also ensure that assistive technology provides access to valuable skills, opportunities, and relationships within the school. They adapt their methods of communication to include individuals who access alternative or augmentative communication (AAC). They also implement communicative, instructional, and social platforms for students afforded by recent technology. Fall, Spring
Credits 3

SPED-420 : Postsecondary Transition for Students with Disabilities

Candidates, in compliance with IDEA transition assessment requirements, will identify transition assessments and programs suitable for individuals with varying characteristics, skills, and aptitudes. They will accurately interpret assessment results in order to develop appropriate, individualized postsecondary goals. Candidates will develop strategies to report results to students, families, and other team members and work collaboratively to plan for students' self-determination, skill development, and identification of supports and services. Candidates work directly with a student to plan and conduct a portion of a transition assessment. Fall, Spring
Credits 3

SPED-490 : Research to Practice Seminar

Candidates will familiarize themselves with sources of contemporary research and practice in special education. They will conduct a literature review pertaining to a contemporary issue in special education. Based on the results of the review, candidates will provide recommendations for improving special education practice. Candidates will learn how to present the results of their research to colleagues in the field. Fall, Spring
Credits 3

Sport Management

SMT-200 : Introduction to Sport Management

This course will provide students with an introduction to the sport industry, management and leadership in sports, sport governance planning, policy-making, program evaluation, budgeting, public relations and sport psychology. It provides an overview of the responsibilities of those involved in the sport industry (interscholastic, intercollegiate and professional). In addition, this course will provide students with a historical perspective of sports. Emphasis on the future development of sport and discussions on career opportunities are presented. Fall.
Credits 3

SMT-310 : Sport Public & Media Relations

This course is an intensive exploration of selected topics in sport information. Specific topics include models of sport communication, print and electronic media, sport advertising, public relations, media relations, social media, employment opportunities and current trends in the field. Fall.
Credits 3

SMT-314 : Sport & Society

This course will address research and discussion of critical questions in sport management. This course will examine the relationship of spo1t, both professional and amateur, and society. Topics include sp01t and global social issues, such as gender, ethnicity, social class, economics, politics, and mass media. It can examine the social and cultural history of spo1t and its influence on our social institutions, such as politics, the economy, and government. Guest speakers and spo1t professionals may lecture in the classes. Spring.
Credits 3

SMT-405 : Legal Aspects of Sports Management

This course is designed to assist the students in exploring how the legal system applies to the sport industry and impacts managerial decisions. Topics covered include tort law, negligence, risk management, agency law, contract law, employment law, constitutional law, gender equity, intellectual property law, and antitrust law. Students will examine how prior cases impact future decisions. Spring.
Credits 3

SMT-430 : Sport Governance & Administration

This course is designed to assist students in understanding the aims, objectives, principles, policies, procedures, and requirements for a successful career as a sport administrator. It is important in today's dynamic environment of global athletics that students value effective leadership and management principles. Through analyzing case studies, students will demonstrate problem solving related to handling athletic personnel and program issues. Course will also develop a contemporary understanding of governing bodies, leadership, decision making, and policy at all levels of sport. Fall.
Credits 3

SMT-450 : Sports Facility & Event Mgmt

This course focuses on the fundamentals of managing sporting events and sports facilities. Emphasis is placed on examining various management techniques and the development of performance measurements associated with event and facilities operations. Project management skills are developed within the framework of sport event and facilities design, finance and budgeting, bidding and planning process, emergency management, ticketing, concessions, transportation, crowd management, parking and coordination of dignitaries. Students will examine events ranging from local one-day contests to multi-day international events. Student will be expected to observe a designated number of events on campus as well as plan and conduct an event on campus. Spring.
Credits 3

Theatre

THEA-100 : Intro to Theatre

Brief survey of the history of the theatre; elements of theatre; typical functions of the various personnel in theatre production; analysis of a play script; viewing and critique of live theatre performance. *This course meets a General Education Core Curriculum requirement.* Fall.
Credits 3

THEA-230 : Fundamentals of Acting

Basic acting techniques, emphasizing a structured approach. Includes scene work from play scripts. Fall.
Credits 3

THEA-250 : Fundamentals of Stage Lighting

A lecture-laboratory course; fundamental drafting and construction techniques for stage and studio scenery; hardware and basic procedures in lighting for stage/studio. Spring.
Credits 3

THEA-295 : Special Topic

Credits 3

THEA-330 : Acting for the Camera

Methods of acting for television and film, incorporating movement, vocal quality, drawing on self for character exploration, how to read and interpret scripts, and how to work with directors and technical staff. Fall.
Credits 3

THEA-340 : Survey of Dramatic Literature

Selected play scripts from the Classic Greeks to the present; as literary art and from the perspective of production mechanics and theatre practioners. Prerequisite: ENGL 210. Spring.
Credits 3

THEA-340X : Junior Writing Requirement

Credits 0

THEA-350 : Production Design

This course deals with the visual design elements used in the stage and studio. Composition, color, spatial relationships, line, and movement for scene and costume are discussed. Topics include: design processes, artistic media for renderings, perspective techniques, and creating a ground plan and elevations. Prerequisite: THEA 250. Fall.
Credits 3

THEA-360 : Introduction to Playwriting

This course is an introduction to playwriting; emphasis on creating dialogue, writing theory and techniques; introduction to dramaturgy and staged reading. Prerequisite: ENGL 102. Fall every even year.
Credits 3

THEA-395 : Special Topics

University Activities

UACT-100 : Strategies for College Success

This course explores and integrates topics of relevance for a more successful transition to university academic and social life. Along with gaining a better understanding of LMU's values, topics such as time management, learning strategies, self-understanding, and career and life choices will be addressed. Health issues such as stress, substance use and abuse, and general wellness are also examined. This course is required of all new freshmen with less than 15 credits of college credit. University Honors Scholars may substitute HNRS 100. Fall/Spring.
Credits 1

UACT-103 : Student Government

Participation in the Student Government Association (SGA). Requires regular attendance at SGA meetings, service on a minimum of three committees, and presentation of two bills. Open to all LMU students regardless of election as a representative. May be repeated to a total 4 credit hours applicable to degree requirements. Graded Pass/Fail.
Credits 1

UACT-113 : Student Newspaper Staff

Participation and fulfillment of assigned responsibilities as a member of the staff of the LMU student newspaper, The Blue and Gray. May be repeated to a total 4 credit hours applicable to degree requirements. Graded Pass/Fail.
Credits 1

UACT-123 : Student Yearbook Staff

Participation and fulfillment of assigned responsibilities as a member of the staff of the LMU student yearbook, Railsplitter. May be repeated to a total 4 credit hours applicable to degree requirements. Graded Pass/Fail.
Credits 2

UACT-124 : Varsity Field Hockey

Participation and fulfillment of assigned responsibilities as a member (player or staff) of the varsity field hockey team. May be repeated to a total four (4) credit hours applicable to degree requirements. Prerequisite: consent of appropriate athletic coach. Graded Pass/Fail.
Credits 1

UACT-133 : Vars Socc, Volleyball

Participation and fulfillment of assigned responsibilities as a member (player or staff) of the varsity soccer/volleyball team. May be repeated to a total 4 credit hours applicable to degree requirements. Prerequisite: consent of appropriate athletic coach. Graded Pass/Fail.
Credits 1

UACT-134 : Varsity Wrestling

Participation and fulfillment of assigned responsibilities as a member (player or staff) of the varsity wrestling team. May be repeated to a total four (4) credit hours applicable to degree requirements. Prerequisite: consent of appropriate athletic coach. Graded Pass/Fail.
Credits 1

UACT-143 : Varsity Baseball, Softball

Participation and fulfillment of assigned responsibilities as a member (player or staff) of the varsity baseball/softball team. May be repeated to a total 4 credit hours applicable to degree requirements. Prerequisite: consent of appropriate athletic coach. Graded Pass/Fail.
Credits 1

UACT-150 : Walking and Jogging

Activity Courses Sport/exercise fundamentals, rules, etiquette, and skills for lifelong physical activity. These are all given a grade as Pass/Fail. Fall/Spring
Credits 1

UACT-153 : Varsity Basketball

Participation and fulfillment of assigned responsibilities as a member (player or staff) of the varsity basketball team. May be repeated to a total 4 credit hours applicable to degree requirements. Prerequisite: consent of appropriate athletic coach. Graded Pass/Fail.
Credits 1

UACT-163 : Varsity Cheerleading

Participation and fulfillment of assigned responsibilities as a member(player or staff) of the varsity cheerleading squad. May be repeated to a total 4 credit hours applicable to degree requirements. Prerequisite: consent of appropriate athletic coach. Graded Pass/Fail.
Credits 1

UACT-173 : Varsity Cross Country

Participation and fulfillment of assigned responsibilities as a member(player or staff) of the varsity cross country team. May be repeated to a total 4 credit hours applicable to degree requirements. Prerequisite: consent of appropriate athletic coach. Graded Pass/Fail.
Credits 1

UACT-183 : Varsity Golf/Lacrosse

Participation and fulfillment of assigned responsibilities as a member(player or staff) of the varsity golf team. May be repeated to a total 4credit hours applicable to degree requirements. Prerequisite: consent of appropriate athletic coach. Graded Pass/Fail.
Credits 1

UACT-193 : Varsity Tennis

Participation and fulfillment of assigned responsibilities as a member(player or staff) of the varsity tennis team. May be repeated to a total 4 credit hours applicable to degree requirements. Prerequisite: consent of appropriate athletic coach. Graded Pass/Fail.
Credits 1

UACT-200 : Career Planning

Interest and aptitude inventories, resume writing, job searching, use of the web, career fairs, interviewing, company visits, etiquette and ethics, networking, negotiating, relocation/travel issues, and first year job survival. Requires use of computers to complete course objectives
Credits 2

UACT-204 : Foundations of Leadership

The primary porpose of this course is to facilitate learning opportunities, which provide students with the knowledge, skills and abilities to become effective Lincoln Ambassadors. In addition, the course will aid in the developement of leadership skills and competencies, which are essential to enhancing the social and interpersonal development of others. Finally, grounded in student development theories, the course will examine the role of the Lincoln Ambassador in the University community and in the matriculation and retention process for new students. The prerequisites for this class include: 1. Having earned a B or higher in UACT 100. 2. Completing an interview for the Lincoln Ambassador position and being selected to enroll in the course.
Credits 1

UACT-210 : Resident Assistant

This course examines the roles and responsibilities of the Resident Assistant. It reviews the history of residence halls. Course study includes understanding and working with college students, confrontation and crisis management, social issues, educational outreach, and Resident Assistant survival skills. The course reveals the importance of retention, knowing LMU resources, proper check-in/check-out procedures, enforcing rules and following correct emergency procedures.
Credits 2

UACT-220 : Wolfpen Editing & Production

This course will teach online reviewing and editing skills. Students will be assessed on their production of the Wolfpen Journal in this course. 1-3 credits. Requirements will vary based on number of credits students take and their role in the course. Prerequisite: ENGL-101, ENGL-102

UACT-295 : Pre-Law Seminar

This course is to be taken for elective credit by students considering law school and the legal profession. (Fall or Spring)
Credits 1

Veterinary Health Science

Veterinary Health Science (BS)

Program Director: Jay Miles, DVM, MVEd

The BS in VHS is designed to prepare graduates to apply to select AVMA accredited veterinary colleges, graduate programs, as well as to gain employment in related fields, including pharmaceutical sales, animal health management, government agencies, national organization, and education, in addition to applying to graduate school in fields of animal science, public health or other biological sciences.

Veterinary Health Science – LMU-CVM Early Acceptance Pathway

The EAP Program in VHS is designed to prepare students for early entry into LMU-CVM. Enrollment is restricted to those applicants accepted into the LMU-CVM EAP.

Students accepted into the VHS – LMU-CVM Early Acceptance Pathway must meet academic requirements in order to remain in the EAP.

- Maintain a minimum cumulative GPA of 3.35 or higher (3.35 in science & major courses)
- Complete the CASPer exam
- Complete 400 hours (or more) in veterinary experience or animal research
- Complete the Veterinary Medical College Application System (VMCAS) application for the admissions cycle that is applicable to the student's desired start date in LMU-CVM

Veterinary Health Science Program Goals:

As a division of the Veterinary Health Science & Technology Department, the VHS Program seeks to fulfill the following goals:

- Provide an Associate of Science and a Bachelor of Science degree in Veterinary Health Science which meets academic standards necessary for entrance into veterinary college or other graduate degree programs.
- Provide an educational background that enables graduates to become integral members of scientific or veterinary healthcare teams.
- Provide students with academic advisement and knowledge regarding entrance requirements of nationally accredited veterinary colleges

Veterinary Health Science Program Objectives:

1. Demonstrate knowledge and understanding of biology, chemistry, and physics as requirements for entrance into veterinary school.
2. Demonstrate knowledge and understanding of basic veterinary sciences.
3. Demonstrate knowledge and understanding of veterinary medicine and the global impact veterinary medicine has on our world today.
4. Understand the human animal bond (HAB) and its impact on society.
5. Understand relationship between veterinarians, licensed veterinary technicians and technologists, veterinary assistants, and other members of the veterinary health care team.
6. Recognize the importance of each individual in the veterinary health care team and understand the process required to grow positive relationships with all members of the veterinary health care team (Interdisciplinary approach).

VHS-101 : Intro to Veterinary Medicine

This course is designed to give students an overview of veterinary medicine from its origin to the present time. The course will include, but not be limited to, the following: regulatory and government bodies, biosecurity, one health/one medicine concept, public health, professional associations, education and licensing requirements for veterinarians, careers in veterinary medicine, disease management, animal welfare, and veterinary ethics. Fall, Spring.
Credits 1

VHS-194 : Pre-Vet Career Seminar

This course is open to those students that qualify academically for the guaranteed early admission pathway to LMU-CVM. It offeres exposure to the veterinary medical profession through topics and speakers relevant to a career pathway in the veterinary medical field. Practicing veterinarians from a variety of clinical settings, upper-level students and veterinary students will share about the profession. Prerequisites: ACT Math > 24, ACT Reading > 24 (or analogous SAT scores). Fall.
Credits 2

VHS-211 : Animal Anat & Phys I

This is the first of a two-course sequence examining the structure, function, and interdependence of the animal body systems important in health and disease. Terminology and nomenclature of the veterinary field will be emphasized. This course includes a study of the anatomy and physiology of cells and tissues as well as the integumentary, skeletal, muscular, cardiovascular, respiratory, and immune systems. In conjunction with classroom instruction, the anatomy and physiology lab component for this course requires students to apply knowledge from the classroom to hands-on and critical-thinking application exercises. Prerequisite: Successful completion (C- or better) in BIOL 111 and 112 with labs Corequisite: VHS 211L (1 cr hr). Fall.
Credits 3

VHS-211L : Animal Anat/Phys I Lab

This course for veterinary health professionals covers the microscopic and macroscopic anatomy of animals. This course will emphasize structure and function of the different systems that are described in the corequisite VHS211. Prerequisite BIOL 111L/112L with a C- or better. Corequisite: VHS 211 (3 cr hr). Fall.
Credits 1

VHS-212 : Animal Anat & Phys II

This is the second of a two-course sequence examining the structure, function, and interdependence of the animal body systems important in health and disease. Terminology and nomenclature of the veterinary field will be emphasized. This course includes a study of the anatomy and physiology of the urinary, gastrointestinal, nervous, endocrine, and reproductive systems, as well as the special sense organs. In conjunction with classroom instruction, the anatomy and physiology lab component for this course requires students to apply knowledge from the classroom to hands-on and critical-thinking application exercises. Prerequisites: Successful completion (C- or better) in VHS 211 and lab. Corequisite: VHS 212L (1 cr hr). Spring.
Credits 3

VHS-212L : Anim Anat & Phys II Lab

This course for veterinary health professionals covers the microscopic and macroscopic anatomy of animals. This course will emphasize structure and function of the different systems that are described in the corequisite VHS212. Prerequisites: VHS 211 and VHS 211 lab with a C- or better. Corequisite: VHS 212 (3 credit hours). Spring.
Credits 1

VHS-230 : Rual & Comp Anim Handle & Husb

The rural animal husbandry and handling portion of this course will focus on the practical aspects of behavior, nutrition, breeding, reproduction, health, economics, and management of horses, large and small ruminants, poultry, pigs, and other hobby type, rural farm animals will be discussed. The companion animal husbandry and handling portion of this course will provide information on basic animal care and husbandry of small animals including pocket pets. Course topics include behavior, vaccinations, common diseases, and nutrition. The semester will be split into two sections, one for rural animal material and one for companion animal material. Corequisite VHS 230L (1 cr hr), VHS 211 or 212 w/lab. Fall and Spring.
Credits 3

VHS-230L : Rural/Comp Anim Hand/Husb Lab

Rural Animal Handling – demonstrate and allow the practice of humane and safe capture, restraint, and handling of horses, large and small ruminants, poultry, pigs, and other hobby farm type rural animals.

Companion Animal Handling – demonstrate and allow the practice of humane and safe capture, restraint, and handling of small animals for common procedures such as examination, vaccine administration, and phlebotomy. Corequisite: VHS 230 (3 cr hr). Corequisite: VHS 211/lab or VHS 212/lab.
Credits 1

VHS-240 : Pre-Vet Experience I

This is the first of two experiential learning courses in the veterinary health science curriculum. In this course, the student will complete work experience at an approved veterinary clinical or scientific setting. The student must submit written reports throughout the course detailing time spent in the setting and description of activities. Submission of an experiential portfolio is required. Prerequisite: Successful completion (B- or better) in VHS 194 and approval of Department Chair. Spring. Guaranteed Professional Admission (GPA) Students Only.
Credits 1

VHS-298 : Internship

Credits 1

VHS-300 : Vet Parasitology & Entomology

Common internal and external parasites of domestic animals. Parasitic life cycles, pathology, control measures. Prerequisites: VHS 212, VHS 212L. Co-requisite VHS 300L.
Credits 3

VHS-300L : Vet Parasit/Entomolgy Lab

Credits 1

VHS-310 : Wildlife Diseases

Survey of wildlife diseases with emphasis on disease mechanism and etiology, pathobiology, epidemiology, and significance of disease. This course will describe the common diseases affecting North American wildlife and explore disease at the interface of human, wildlife, and domestic animals. Prerequisite BIOL 112/112L.
Credits 3

VHS-320 : Junior VHS Science Seminar

This junior seminar course will cover select current topics in veterinary medicine through lecture and guest speaker visits. Students will gain experience with professional skills such as resume writing and interview skills. Students will investigate a research question relevant to the field of veterinary medicine using primary literature sources (e.g. JAVMA, AJVR, etc). The student will write a research paper exploring the research question they have chosen. A faculty mentor with expertise in the field chosen will be assigned. The critique will be summarized and presented to an audience of peers and faculty. Prerequisites: Successful completion (C- or better) of ENGL 102 or equivalent and Junior standing. Corequisite: VHS 320X. Fall and Spring.
Credits 3

VHS-320X : Jr Writing Requirement

VHS-330 : One Health

Review of the history, concepts, disciplines and organizations that define the One Health concept. Examination of the collaborative efforts of multiple disciplines working locally, nationally, and globally to attain optimal health for people, animals and the environment. Prerequisites:ENGL 102 and Junior Standing. Fall.
Credits 3

VHS-340 : Pre-Vet Experience II

This is the second of two experiential learning courses in the veterinary health science curriculum. In this course, the student will complete work experience at an approved veterinary clinical or scientific setting. The student must submit written reports throughout the course detailing time spent in the setting and description of activities. Submission of an experiential portfolio is required. Prerequisite: Successful completion (B- or better) in VHS 194, 240 and approval of the Assistant Dean.
Credits 1

VHS-360 : Advanced Animal Anatomy

This course is an in-depth study of macroscopic comparative anatomy of common veterinary species (canine, feline, bovine, equine, and small ruminant). Body structure will be studied by region and organ systems. Form-function relationships will be emphasized. Prerequisite: Successful completion (C- or better) in VHS 211 & 212 w/labs Corequisite: VHS 360L (1 cr hr).
Credits 3

VHS-360L : Advanced Animal Anatomy Lab

This course for veterinary health professionals is an in-depth study of macroscopic comparative anatomy of common veterinary species (canine, feline, bovine, equine, and small ruminant). This course will emphasize body structure and organ systems that are described in the corequisite VHS 360. Prerequisite C- or better in VHS 211 & 212 w/labs. Corequisite: VHS 360 (3 cr hr). Fall.
Credits 1

VHS-370 : Animal Nutrition

This course provides an in-depth study of the classification and function of nutrients, digestive processes, characterization of feedstuffs, and interpretation of pet food labels. Common nutritional diseases will be covered. The course includes feeding principles that can be applied to all domestic species. The first part of the course emphasizes fundamentals of nutrition and applications for beef/dairy cattle, swine, equine, and poultry; the later part of the course covers basics of proper application for life stage feeding, therapeutic nutrition, and critical care nutrition for dogs and cats. Prerequisite: CHEM 111, Junior Standing. Spring.
Credits 3

VHS-380 : Animal Repro Anat & Physiology

Comparative anatomy, physiology, and endocrinology of the male and female reproductive systems of common domestic species. Covers processes of reproduction, gestation, and parturition. The student will understand and apply aspects of anatomy and physiology of animal reproduction, aspects of animal reproductive physiology and endocrinology, the differences/similarities of different species in the reproductive aspect, understand different strategies in management practices to control different reproductive processes. Prerequisites: Successful completion (C- or better) of VHS 212 with lab. Corequisite: VHS 380L(1 cr hr) Spring.
Credits 3

VHS-380L : Animal Repro Anat & Phys Lab

This course covers the microscopic and macroscopic anatomy, of the male and female reproductive systems of common domestic species. Course will emphasize the structure and function of reproductive systems that are described in the corequisite VHS 380. Prerequisites: Successful completion (C- or better) of VHS 212/ VHS 212L Spring.
Credits 1

VHS-390 : Human Animal Bond

Course covers the impact of the human animal bond to our society today. Students will be required to design an interdisciplinary community project that will benefit both humans and animals. Course will include information of how to manipulate the human animal bond for human physical, sociological, and psychological benefits. Spring.
Credits 3

VHS-400 : Zoonotic Diseases Vet/Pub Hlth

Principles of public and veterinary health. Methods of evaluation of health and disease in populations with techniques for disease outbreak investigation. Epidemiology of zoonotic diseases emphasized. Prerequisites: VHS 300, VHS 300L. Fall
Credits 3

VHS-410 : Equine Management

Practical aspects of behavior, nutrition, reproduction, health, disease prevention, biosecurity, economics and business management of the equine species. Prerequisite: Successful completion (C- or better) of VHS 212 with lab, VHS 230 with lab, and VHS 370. Spring.
Credits 3

VHS-450 : Livestock Health and Management

1. Practical aspects of behavior, nutrition, reproduction, health, disease prevention, biosecurity, economics and business management of livestock and poultry. Emphasis on herd/flock health management. Prerequisite: Successful completion (C- or better) of VHS 212 with lab, VHS 230 with lab, and VHS 370. Spring.

Credits 3

VHS-480 : Companion Animal Mgmt

This course is a study of practical aspects of behavior, nutrition, breeding, reproduction, health, economics, and management of dogs, cats, and other animals generally considered human companions. Successful completion (C- or better) of VHS 212 with lab, VHS 230 with lab, and VHS 370. Fall.

Credits 3

VHS-495 : Special Topic

Credits 3

VHS-497 : Veterinary Senior Seminar

This capstone course is designed to provide students with an opportunity to identify issues reflected in the current technical and professional veterinary literature. These issues will be analyzed by student participants in such a way to enhance continued understanding and appreciation of research in veterinary medicine. Spring.
Credits 3

VHS-497Z : Senior Writing Requirement

Credits 0

Veterinary Medical Technology

Associate of Science Degree Program

Program Director: Jay Miles, DVM, MVEd

Admission to the University does not guarantee admission to the Associate of Science Veterinary Medical Technology Program. Admission to the two and a half (2.5) year program is highly competitive and subject to the following:

1. Admission to LMU (visit LMU admission office/website for application)
2. Formal application for admission to the AS Veterinary Medical Technology Program
    - Application may be found online at https://www.lmunet.edu/college-of-veterinary-medicine/undergraduate-programs/veterinary-medical-technology
    - Twenty hours of experience in a veterinary facility (LMU form must be used for verification)
    - Evaluator forms from two sources (one academic, one veterinary professional)
    - Personal statement of professional goals
3. ACT/SAT scores are recommended but not required
4. Competitive GPA, (college GPA of 2.5)

Accepted students will also be asked to verify that they meet all program technical standards.

Transfer Students

Students previously admitted to a veterinary technology program at another AVMA accredited institution must submit a letter of reference from the head of that program for consideration of admission into the AS VMT program. The VMT faculty will evaluate the veterinary technology courses from and give appropriate credit. LMU will decide transferability of courses/credits.

Accredited Program

The Associate of Science (AS) in Veterinary Medical Technology is fully accredited by the American Veterinary Medical Association (AVMA) Committee on V eterinary Technician Education and Activities (CVTEA). The program is designed to develop knowledge, understanding, and development of critical thinking skills and technical skills and abilities required of credentialed technicians who work as a veterinary health care team member in clinical practice, biological research, educational facilities, zoos, diagnostic laboratories, pharmaceutical companies, and government agencies such as USDA and APHIS, in addition to other veterinary areas. Careers of the technician parallel those of veterinarians.

Veterinary Medical Technology (AS) Program Goals:

As a member of Allied Health Sciences, the Veterinary Medical Technology Program seeks to fulfill the following goals:

- Provide an Associate of Science Degree in Veterinary Medical Technology that meets the academic standards of the American Veterinary Medical Association, the State of Tennessee, and LMU.
- Provide conscientious, caring, and highly skilled veterinary technicians who are equipped with critical thinking and clinical skills to practice the science of veterinary technology within the veterinary profession.
- Provide an educational background that enables graduates to become integral members of the veterinary health-care team.

Program Objectives:

1. Properly assess and evaluate needs of patients as they relate to pathophysiology of disease and disease prevention. (Advanced Medical Knowledge)
2. Administer quality medical care involving companion, food, and laboratory animals. (Advanced Medical Knowledge)

3. Demonstrate and apply laboratory procedures essential to diagnostic veterinary medicine. (Advanced Medical Knowledge)
4. Demonstrate understanding of disease processes and subsequent therapeutic procedures. (Promote Public Health)
5. Demonstrate therapeutic interpersonal communication skills in the client-technician-doctor relationship. (Service to Humanity)
6. Understand the human-animal bond and how the bond impacts society. (Promote Animal Welfare)

Technical and performance standards are necessary in a competent veterinary technician. These standards are necessary to protect the technician, client, and patient as well as other members of the veterinary health care team. Please refer to The Veterinary Medical Technology Student Handbook for a detailed description of technical standards; https://cvmcatalog.lmunet.edu/dvm-and-vmt-technical-standards-and-essential-functions

The VTNE:

The AS degree in Veterinary Medical Technology prepares graduates for eligibility to take the Veterinary Technician National Examination (VTNE). For information about the VTNE, visit www.aavsb.org. The state board of veterinary medicine has the right to deny licensure to practice veterinary technology to individuals guilty of crime, unprofessional conduct, or incompetence. Direct any questions regarding eligibility to take the VTNE to the board of veterinary medicine in the state which the student wishes to be registered.

Successful Completion:
PROGRESSION POLICIES OF THE VETERINARY MEDICAL TECHNOLOGY PROGRAM

1. A student must complete all VMT prefixed courses with a grade of 80 (B-) or better.
2. A student may earn one course grade of 70-79 (C- to C+) in a VMT prefixed course at any time in the VMT program. A student that earns one grade of 70-79 (C- to C+) will be placed on VMT academic probation.
3. If a student earns a second course grade of 70-79 (C- to C+) in a VMT prefixed course, the student will be automatically academically dismissed from the VMT program. The student may reapply for admission into the program but it is clearly understood that readmission is not guaranteed. If readmitted, the student must repeat the entire academic year from which he/she was dismissed, beginning with the Fall semester. If the student fails to earn a minimum grade of 80 (B-) or better in any VMT prefixed course following readmission, he/she will be dismissed from the program and is not eligible for readmission.
4. Any student who fails to earn the minimum grade of B- in two or more VMT prefixed courses during the first semester will be dismissed and is not eligible for readmission to the Veterinary Medical Technology Program.
5. Any student who earns any grade below a 70 (D-, D, D+, F) in a VMT prefixed course at any point in the curriculum will be dismissed and is not eligible for readmission to the Veterinary Medical Technology Program.
6. No student will be readmitted into the VMT Program more than once.
7. In order to progress in the program, students must successfully complete the Veterinary Medical Technology courses in sequence as specified in the program handbook.
8. If the student chooses to interrupt their VMT course sequence for any reason (withdrawal from any VMT course, withdrawal from LMU, failure to enroll in the next VMT course sequence, etc.), the student may be readmitted to the program at the point in which he/she withdrew. In this case, the student must be in good academic standing with the VMT program and the University.
9. Any student with an incomplete "I" in any VMT prefixed course(s) will not be allowed to enroll in subsequent VMT courses until the "I" has been removed from the student's transcript. If a student receives an incomplete, all of the required course work must be completed no later than 30 days after the conclusion of the current academic term. If the student fails to complete the requirements of the particular course, the student will receive zeros on all missed assignments and the final grade will be calculated accordingly.

Bachelor of Science Degree Program

The BS degree in Veterinary Medical Technology is designed for individuals that have graduated from an AVMA accredited Veterinary Medical Technology Program with an AS or an AAS degree. Students must have obtained credentialing or be eligible for credentialing as a veterinary technician.

The BS VMT degree is designed to enhance the knowledge base, skill development, and critical thinking skills that will enable graduates to obtain entry level positions as a veterinary technologist. The BS VMT degree allows graduates to gain access to broader knowledge and experience in business related topics to better prepare them for competitive employment opportunities. Careers of veterinary technologists parallel those of the veterinarian. Veterinary technologists pursue careers in practice management, industry such as pharmaceutical sales and regulatory agencies, teaching, and specialized facilities.

Program Objectives:

1. Properly assess and evaluate needs of patients as they relate to pathophysiology of disease and disease prevention.
2. Deliver and supervise quality medical care involving companion, food, and laboratory animals.
3. Perform and supervise laboratory procedures essential to diagnostic veterinary medicine.
4. Develop in depth understanding of disease processes and importance of administering therapeutic procedures associated with disease.
5. Enhance client communication skills to increase owner compliance.
6. Become an integral part of interdisciplinary teams that understand the human-animal bond and how the bond impacts society.

Admissions Requirements:

- Successful completion of a two-year AVMA CVTEA accredited Veterinary Technology or Veterinary Nursing Program
- Verification of credentialing as a veterinary technician or verification of credentialing application
- Students must obtain credentials by passing the VTNE within two testing windows from date of admission to LMU. Students that do not pass the VTNE in allotted time frame may not continue in the BS VMT program.

Note: To satisfy program requirements, students must achieve a minimum grade of C- or better in all required courses. Failure to meet this standard may result in the need to repeat the course to ensure progression within the program.

VMT-100 : Intro to Veterinary Technology

The following areas are included in this course: jurisprudence, regulatory agencies and governing bodies, job opportunities, veterinary health care team, operations in a clinical setting (scheduling, ordering, teamwork dynamics, compassion fatigue, inventory control, and communication skills), human animal bond, professionalism and ethics. Fall.
Credits 2

VMT-105 : Veterinary Medical Terminology

This course provides veterinary technology students with a comprehensive introduction to medical terminology used in the veterinary field. Students will learn the foundations of word structure, including prefixes, suffixes, root words, and combining forms, enabling them to accurately interpret and utilize veterinary medical language. Emphasis will be placed on terminology relevant to anatomy, physiology, pathology, diagnostics, treatments, and clinical procedures for a variety of animal species. Through practical exercises and real-world examples, students will develop the skills necessary to communicate effectively within veterinary teams and with clients. Prerequisite: Admission to the VMT program.
Credits 1

VMT-111 : Domestic Animal Anat & Phys I

This course for veterinary health professionals covers how animals are put together and how their bodies work to maintain health. Terminology of field is emphasized. Co-requisite: VMT 111L. Fall.
Credits 3

VMT-111L : Domestc Animal Anat/Phys I Lab

Credits 1

VMT-112 : Domestic Animal Anat/Phys II

This course for veterinary health professionals covers how animals are put together and how their bodies work to maintain health. Terminology of field is emphasized. Prerequisites: VMT 111 and VMT111L. Co-requisite: VHS 112L. Spring.
Credits 3

VMT-112L : Domstc Animal Anat/Phys II Lab

Credits 1

VMT-115 : Domestic Animal Anatomy and Physiology

This course examines the structure, function, and interdependence of the animal body systems important in health and disease. Terminology and nomenclature of the veterinary field will be emphasized. This course includes a study of the anatomy and physiology of cells and tissues as well as the integumentary, skeletal, muscular, cardiovascular, respiratory, immune systems, urinary, gastrointestinal, nervous, endocrine, and reproductive systems, as well as the special sense organs. In conjunction with classroom instruction, the anatomy and physiology lab component for this course requires students to apply knowledge from the classroom to hands-on and critical-thinking application exercises. Prerequisite: admission to the VMT Program. Corequisite: VMT 115L (2 cr hr)
Credits 4

VMT-115L : Domestic Animal Anatomy and Physiology Lab

This course for veterinary technicians is designed to explore how animals are put together and how their bodies work to maintain health. In conjunction with classroom instruction, the anatomy and physiology lab component for this course requires students to apply knowledge from the classroom to hands-on and critical-thinking application exercises. Terminology of the field is emphasized. Prerequisite: admission to the VMT Program. Corequisite: VMT 115 (3 cr hr)
Credits 1

VMT-120 : Animal Husbndry/Nutrtn/Breeds

This course introduces students to the basic care and management of common companion and farm animals. Various breeds of each species are highlighted as well as their behavior. Students will learn normal developmental stages of animals. Students will develop the skills to perform a physical exam and understand normal TPR parameters. Students will learn the SOAP format for completing medical records. Common toxins that are detrimental to the studied species are studied. Students will be required to participate in animal care activities to gain hands-on experience to enhance the course material, which may require the student to come in early, and attend late afternoon and weekend animal care activities. Prerequisite: admission to the VMT Program. Corequisite: VMT 120L (1 cr hr).
Credits 3

VMT-120L : Animl Hsbndry/Nutrn/Breeds Lab

This course is the laboratory companion course to VMT 120. The laboratory will instruct students on the basic handling, restraint, care and management of common companion animals. Students will be required to participate in animal care activities to gain hands-on experience to enhance the course material, which may require the student to come in early, attend late afternoon and weekend animal care activities. Prerequisite: Acceptance to the A.S. VMT program; COREQUISITE: VMT 120 (3 cr hr).
Credits 1

VMT-125 : Parasitology for Veterinary Technicians

Common internal and external parasites of domestic animals will be presented. An understanding of parasitic life cycles, pathology, and control measures will be presented. Prerequisite: Acceptance into the A.S. VMT program Co-requisite: VMT 125L (1 hr)
Credits 1

VMT-125L : Parasitology for Veterinary Technicians Lab

Common internal and external parasites of domestic animals will be presented. An understanding of parasitic life cycles, pathology, and control measures will be presented. Students will participate in lab activities to learn how to identify common internal and external parasites. Prerequisite: Acceptance into the A.S. VMT program Co-requisite: VMT 125 (1 hr)
Credits 1

VMT-130 : Small Animal Clinical Procedures and Surgical Nursing

This course provides information on clinical procedures and standard surgical procedures for technicians. The following areas of clinical procedures are included in this course: Medical and nursing care of small animals, medication administration, bandaging, intravenous catheterization, cystocentesis, sample collection, patient care and assessment. The following areas of surgical technicians are included in this course: medical records and logs, patient prep, scrubbing of patient and personnel, assisting in a sterile setting, understanding common surgical procedures, and post-operative procedures. In addition, students will understand client communication as it relates to medical exams This course focuses on clinical procedures and standard surgical procedures for veterinary technicians. Prerequisites: VMT 115, VMT 120. Corequisite: VMT 130 Lab (1hr)

Credits 3

VMT-130L : Small Animal Clinical Procedures and Surgical Nursing Lab

This course provides information on clinical procedures and standard surgical procedures for technicians. The following areas of clinical procedures are included in this course: Medical and nursing care of small animals, medication administration, bandaging, intravenous catheterization, cystocentesis, sample collection, patient care and assessment. The following areas of surgical technicians are included in this course: medical records and logs, patient prep, scrubbing of patient and personnel, assisting in a sterile setting, understanding common surgical procedures, and post-operative procedures. Students will perform surgical scrub, learn how to gown and glove, perform basic suture patterns, and identify surgical instruments. This course focuses on clinical procedures and standard surgical procedures for veterinary technicians. Prerequisites: VMT 115L, VMT 120L. Corequisite: VMT 130 (3hrs)

Credits 1

VMT-135 : Dental Procedures and Techniques

An in-depth study of veterinary dentistry, prophylaxis techniques, and current dental trends & practices. The course will familiarize the student with proper care and treatment of dental disease and routine care & maintenance. This course will also include laboratory sessions, where students will gain hands-on experience by performing a COHAT (Comprehensive Oral Health Assessment and Treatment) and dental radiographs. Prerequisites: VMT 120, VMT 120L, Corequisites: VMT 130, VMT 130L. Fall.

Credits 1

VMT-140 : Medical Math and Pharmacology

This course is the study of the theory and application of pharmacology. Classifications of drugs and their uses and contraindications, with specific information on mechanism of action, side effects, and dosing will be discussed. The student will learn to accurately perform appropriate calculations and dispense the correct form and dose of medication under the direction of a veterinarian. Prerequisites: Completion of MATH 105 with at least a C-. Fall.

Credits 3

VMT-150 : Clinical Pathology

This course includes the study of hematology, blood chemistry analysis, urinalysis, cytology, specimen submissions, necropsy procedures, microbiology, and quality control for veterinary labs. The student will become familiar with laboratory equipment in veterinary laboratories. Prerequisite: VMT 125, VMT 125L, Co-requisite: VMT 150L.

Credits 2

VMT-150L : Clinical Pathology Lab

This course includes the study of hematology, blood chemistry analysis, urinalysis, cytology, specimen submissions, necropsy procedures, microbiology, and quality control for veterinary labs. The student will become familiar with laboratory equipment in veterinary laboratories. Prerequisite: VMT 125, VMT 125L, Co-requisite: VMT 150 (2 cr).

Credits 1

VMT-160 : Diagnostic Imaging

This course is a study of radiological procedures for domestic animals common to veterinary medicine. Prerequisite: VMT 115, VMT 115L. Corequisite: VMT 160L (1 cr hr). Fall.

Credits 1

VMT-160L : Diagnostic Imaging Lab

This course is the laboratory for the course study of radiological procedures for domestic animals common to veterinary medicine. Prerequisite: VMT 115, VMT 115L. Co-requisite: VMT 160 (1 cr hr). Fall.
Credits 1

VMT-170 : Emergency and Critical Care Procedures and Techniques

This course provides an introduction to current emergency & critical care procedures, techniques, and trends. The student will become familiar with patient evaluation, procedures involved in emergency/critical care and use of appropriate methods to assure maximum benefit to the patient in an emergency situation. Prerequisites: VMT 120, VMT 120L. Fall.
Credits 3

VMT-180 : Laboratory & Zoo Animals

An introduction to laboratory animals most commonly used in research. Course will include identification procedures, husbandry, housing, sanitation, diseases and parasites of laboratory animals. This course will also include laboratory sessions, where students will gain hands-on experience handling living animals and performing routine procedures with laboratory animals. Prerequisites: VMT 111, VMT 111L. Co-requisite: VMT 180L. Spring.
Credits 1

VMT-180L : Laboratory & Zoo Animals Lab

Credits 1

VMT-220 : Large Animal Clin Proc & Tech

This course provides information on clinical procedures and techniques in large animals. The following areas are included in this course: handling and restraint of large animals, safety in working with large animals, basic nursing care; medicating, physical exams, sample collection, various other routine procedures, and medical records. Student will familiarize themselves with the large animal setting (farms/barns) in addition to various tools, equipment, and techniques found in large animal medicine. Farm visits include instruction in safely handling of large domestic animals and client communication. Prerequisites: VMT 130, VMT 130L. Corequisite: VMT 220L (1 cr)
Credits 1

VMT-220L : Lrg Animal Clin Proc Tech Lab

This lab provides information and hands-on clinical procedures and techniques in large animals. The following areas are included in this course: handling and restraint of large animals, safety in working with large animals, basic nursing care; medicating, physical exams, sample collection, various other routine procedures, and medical records. Student will familiarize themselves with the large animal setting (farms/barns) in addition to various tools, equipment, and techniques found in large animal medicine. Farm visits include instruction in safely handling of large domestic animals and client communication. Prerequisites: VMT 130, VMT 130L. Corequisite: VMT 220 (1 cr)
Credits 1

VMT-242 : Vet Pharmacology & Anesthesia

This course is the study of the theory and application of pharmacology. Classifications of drugs and their uses and contraindications, with specific information on mechanism of action, side effects, and dosing will be discussed. Clinical participation with live animals of the VMT programs) may be required in and out of class. Prerequisites: VMT 241, VMT 241L. Corequisite: VMT 242L. Spring.
Credits 2

VMT-250 : Anesthesia and Analgesia

Live animals are used in this course. This course focuses on anesthesia principles and practices and standard surgical procedures for technicians. Students will gain mastery of inducing, administering, monitoring, and recovering veterinary patients from anesthesia. Students will gain mastery of principles of emergency critical care and CPCR as it pertains to anesthesia. Students will gain mastery with the role of a surgical technician in regards to preoperative procedures, medical records and logs, patient prep, scrubbing of patient and personnel, assisting in a sterile setting, and post-operative procedures such as client communication/education. Students will be required to participate in animal care activities to gain hands-on experience that enhances the course material which may require the student to come in early, attend late afternoon and weekend animal care activities. Prerequisites: VMT 130, VMT 130L. Corequisite: VMT 250L (1 cr hr). Spring.
Credits 3

VMT-250L : Anesthesia and Analgesia Lab

Live animals are used in this course. This course focuses on anesthesia principles and practices and standard surgical procedures for technicians. Students will gain mastery of inducing, administering, monitoring, and recovering veterinary patients from anesthesia. Students will gain mastery of principles of emergency critical care and CPCR as it pertains to anesthesia. Students will gain mastery with the role of a surgical technician in regards to preoperative procedures, medical records and logs, patient prep, scrubbing of patient and personnel, assisting in a sterile setting, and post-operative procedures such as client communication/education. Students will be required to participate in animal care activities to gain hands-on experience that enhances the course material which may require the student to come in early, attend late afternoon and weekend animal care activities. Prerequisites: VMT 130, VMT 130L. Corequisite: VMT 250L (1 cr). Spring.
Credits 1

VMT-254 : Surgical Experience Lab

Live animals are used in this course. This course focuses on anesthesia principles and practices and standard surgical procedures for technicians. Students will gain mastery of inducing, administering, monitoring, and recovering veterinary patients from anesthesia. Students will gain mastery of principles of emergency critical care and CPCR as it pertains to anesthesia. Students will gain mastery with the role of a surgical technician in regards to preoperative procedures, medical records and logs, patient prep, scrubbing of patient and personnel, assisting in a sterile setting, and post-operative procedures such as client communication/education. Students will be required to participate in animal care activities to gain hands-on experience that enhances the course material which may require the student to come in early, attend late afternoon and weekend animal care activities.
Credits 1

VMT-260 : Animal Diseases & Zoonoses

Overview of common infectious and contagious diseases in domestic animals. Etiology, clinical signs, modes of transmission, diagnostics, treatment and vaccine schedules will be emphasized. Public Health issues and disease prevention and client education are also components of this course. Prerequisites: either BIO 230 & BIOL 230, or BIO 336 & BIO 336L. Spring.
Credits 3

VMT-291 : Veterinary Technology Practicum II

Credits 3

VMT-292 : Veterinary Technology Practicum II

Credits 3

VMT-297 : Veterinary Clinical Review

Structured review of the nine sections of the Veterinary Technician Licensing exam: Pharmacy & Pharmacology, Surgical Nursing, Dentistry, Laboratory Procedures, Animal Care and Nursing, Diagnostic Imaging, Anesthesia, Emergency Medicine/Critical care, and Pain management/Analgesia. Preparation for licensure examination and professional practice includes passing score on mock VTNE exam (HESI). Students must achieve a minimum score on HESI examination in order to receive passing grade in course and be eligible for graduation. In addition, students will learn employment skills such as developing interview skills and writing a professional resume.
Credits 3

VMT-300 : Veterinary Technician Practicum

Clinical hands on experience and skill development. VTP consists of 300 hours of clinical experience. All clinical practicum sites must be approved by the program director.
Credits 6

VMT-320 : Junior Seminar

This junior seminar course will cover select current topics in veterinary medicine. Students will investigate a research question relevant to the field of veterinary medicine using primary literature sources (e.g. JAVMA, AJVR, etc). The student will write a research paper exploring the research question they have chosen. A faculty mentor with expertise in the field chosen will be assigned. The critique will be summarized and presented to an audience of peers and faculty. Prerequisite: Completion of ENGL 102 (with a minimum of a C-) Corequisite: VMT 320x
Credits 3

VMT-320X : Junior Writing Requirement

This junior seminar course will cover select current topics in veterinary medicine. Students will investigate a research question relevant to the field of veterinary medicine using primary literature sources (e.g. JAVMA, AJVR, etc). The student will write a research paper exploring the research question they have chosen. A faculty mentor with expertise in the field chosen will be assigned. The critique will be summarized and presented to an audience of peers and faculty. Prerequisite: Completion of ENGL 102 (with a minimum of a C-). Corequisite: VMT 320

VMT-370 : Adv Anesthesia for Vet Techs

The course will enhance the knowledge acquired in Surgical/Anesthesia Nursing core courses. The skills which the student should master are to deliver anesthesia and monitor patients classified as ASA Status 2+.
Credits 3

VMT-414 : Animal Physiology for Veterinary Technicians

Students will be exposed to key areas of biochemistry and comparative physiology in commonly seen domestic animals. Integration of information and its application to clinical situations is emphasized. This course is intended primarily for veterinary technicians. This course will cover some of the physiological concepts/dynamics that are critical to maintaining homeostasis in domestic species.
Credits 3

VMT-425 : Small Animal Emergency and Critical Care

This course focuses on small animal nursing knowledge, skills, and clinical experience. Focus will be on basic emergency and critical care veterinary nursing and concepts of patient assessment, fluid pathophysiology, critical patient monitoring, CPR, and disease pathophysiology. The course will emphasize emergency and critical concepts to apply practical application of knowledge and skills learned, critical thinking, and clinical reasoning. The course goal is to prepare students to respond to emergency and critical patient scenarios in all types of small animal practices. Prerequisite VMT 414.
Credits 3

VMT-436 : Pharmacology for Veterinary Technicians

This course is designed to re-enforce and expand on pharmacological knowledge learned in previous courses. Expanding into pharmacokinetics, pharmacodynamics, and bioavailability of major drug classes as well as receptor-drug interactions. Prerequisite: VMT 414
Credits 3

VMT-447 : Clinical Pathology for Veterinary Technicians

This course will expose students to pathophysiologic mechanisms responsible for abnormal findings in hematologic, endocrine, urinalysis, and cytologic tests in health and disease of animals. Students will be exposed to a selection of diagnostic tests for various diseases/disorders, and interpretation of results. Prerequisite VMT 414.
Credits 3

VMT-450 : Communication & Ethics in Vet Technology

This course will target the veterinary technician's role in effective communication and will focus on communication skills necessary to build solid relationships with clients, staff, and the external community. Verbal, non-verbal, and active listening skills will be covered including important variables such as generational, gender, and cultural differences. This course will also focus on the impact of communication on legal and ethical issues in veterinary practice. Prerequisite: COMM 200, junior standing
Credits 3

VMT-497 : Senior Writing and Research

This course is designed to introduce students to the field of scientific research in veterinary medicine and provide a comprehensive introduction to research methodology and proposal writing. Students will be assisted in identifying a study topic, formulating research questions, developing a testable hypothesis, organizing a literature review, and selecting appropriate research designs and methodologies. The course is designed to develop students' scientific curiosity, independent study skills and collaboration via a mentor-mentee relationship with a faculty advisor. By the end of the course, students will complete a written scientific research proposal that includes an abstract, introduction, problem statement, testable hypothesis, methods section, a project timeline and discussion, and appropriate references. Prerequisite: Successful completion (C- or better) of ENGL 102 or equivalent. Corequisite: VMT 497z. Spring.
Credits 3

VMT-497Z : Senior Writing Requirement

This course is designed to introduce students to the field of scientific research in veterinary medicine and provide a comprehensive introduction to research methodology and proposal writing. Students will be assisted in identifying a study topic, formulating research questions, developing a testable hypothesis, organizing a literature review, and selecting appropriate research designs and methodologies. The course is designed to develop students' scientific curiosity, independent study skills and collaboration via a mentor-mentee relationship with a faculty advisor. By the end of the course, students will complete a written scientific research proposal that includes an abstract, introduction, problem statement, testable hypothesis, methods section, a project timeline and discussion, and appropriate references. Prerequisite: Successful completion (C- or better) of ENGL 102 or equivalent. Corequisite: VMT 497. Spring.
Credits 0

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