This edition of the Catalog is effective August 1, 2016. For more detailed information about the University’s graduate professional degree programs or undergraduate degree completion 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 age, color, creed, disability, ethnic/national origin, gender, military status, pregnancy, race, religion, sexual orientation, 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 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 Catalog, other program catalogs and handbooks, and the Lincoln Memorial University Faculty/Staff Policy Manual. Compliance is monitored and reported annually through the offices of the Vice President for Academic Affairs, the Vice President for Enrollment Management and Student Services, and the Office of Human Resources.

LMU is accredited by the Southern Association of Colleges and Schools Commission on Colleges to award associate, baccalaureate, masters, specialist, and doctorate degrees. Contact the Commission on Colleges at 1866 Southern Lane, Decatur, Georgia 30033-4097, or call 404-679-4500, for questions about the accreditation of Lincoln Memorial University.

Individual program accreditation has been granted by:

- Accreditation Commission for Education in Nursing, Inc. (ACEN)
- Accreditation Review Commission on Education for the Physician Assistant, Inc. (ARC-PA)
- American Bar Association ( Provisional Approval) (ABA)
- American Osteopathic Association-Commission on Osteopathic College Accreditation (AOA-COCA)
- American Veterinary Medical Association – Council on Veterinary Technology Education and Activities (AVMA-CVTEA)
- American Veterinary Medical Association – Council on Education (AVMA-COE)
- Commission on Accreditation of Athletic Training Education (caATe)
- Council for Accreditation of Counseling and Related Educational Programs (CACREP)
- Council on Accreditation of Nurse Anesthesia Educational Programs (COA-NAEP)
- Council on Social Work Education (CSWE)
- National Accrediting Agency for Clinical Laboratory Sciences (NAACLS)
- Council for the Accreditation of Educator Preparation (CAEP)
- Accreditation Council for Business Schools and Programs (ACBSP)
- Southern Association of Colleges and Schools Commission on Colleges (SACSCOC)

Individual program approval has been granted by:
- State of Tennessee Department of Education
- Tennessee Higher Education Commission
- Kentucky Council on Postsecondary Education
- Tennessee Board of Nursing
- Kentucky Board of Nursing
- Tennessee Board of Law Examiners
MESSAGE FROM THE PRESIDENT
Dr. B. James Dawson

Lincoln Memorial University is a living legacy to President Abraham Lincoln. Ours is a mission that has remained true to the vision of our namesake, a guiding light for thousands of men and women whose lives have been transformed by their experiences here. It is my hope that you fulfill your ambitions and dreams while pursuing a degree on our campus. Upon completion of your goals you will carry with you a sense of pride that comes from your accomplishments.

Let me congratulate you on making the decision to continue your education at Lincoln Memorial University. The faculty and staff of LMU are committed to providing an experience of uncommon quality characterized by personal attention and a true interest in your success. We provide a learning environment that maximizes the use of technology and ensures opportunities for personal interaction. The investment you are making in your future will pay dividends for your lifetime. The degree you receive will be enhanced by the growing reputation of our University.

I trust that you will achieve your full potential as a student on this lovely campus. By realizing your goals here, you become a part of the legacy that began in 1897, and are now a member of our academic community. There are responsibilities associated with your engagement in our living and learning environment. Above all else, we expect all of our students to respect their student colleagues and to pursue their educational aspirations with a commitment to academic integrity. Keep your dream of completing your education ever before you and know that you will succeed. I am honored that you join us now and wish you much success.
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
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-Present
MEMBERSHIPS

Abraham Lincoln Association
American Association for Higher Education
American Association of Colleges of Nursing
American Association of Collegiate Registrars and Admissions Officers
American Association of Museums
American Association for State and Local History
The American Council on Education
American Library Association
American Universities in Russia, Ukraine
Appalachian College Association
Appalachian Consortium
Appalachian Osteopathic Postgraduate Training Institute Consortium
Association of College and Research Libraries
Association of College and University Museums and Galleries
Association for Gerontology in Higher Education
Association of Governing Boards of Universities and Colleges
Association of Independent Liberal Arts Colleges for Teacher Education
Association for Supervision and Curriculum Development
Association of Veterinary Technician Educators
Broadcast Education Association
Civil War Courier
College and University Professional Association for Human Resources (National)
College and University Professional Association for Human Resources (Tennessee)
The College Board
Consortium for the Advancement of Private Higher Education
Consortium for Global Education
Council for Adult and Experiential Learning
The Council for the Advancement and Support of Education
Council for Higher Education Accreditation
Council of Graduate Schools
Council of Independent Colleges
Council on Undergraduate Research
East Tennessee College Alliance
East Tennessee Historical Society
The Foundation for Independent Higher Education
International Alliance for Higher Education
International University and Business Consortium
Interstate Career Fair
Kentucky Civil War Roundtable
Kentucky Association of Museums
Kingsport Higher Education Consortium
Knoxville Area Health Science Library Consortium
The Lincoln Group
LYRASIS
Medical Library Association
Museum Store Association
National Association of College and University Business Officers
National Association of Foreign Student Advisors
National Association of Independent Colleges and Universities
National Association of Student Financial Aid Administrators
National Association of Student Personnel Administrators
National Career Development Association
National Collegiate Athletic Association
National Collegiate Honors Council
National Council of Educational Opportunity Associations
National Council for State Authorization Reciprocity Agreements
National League for Nursing
National Organization of Nurse Practitioner Faculties
Oak Ridge Associated Universities
Private College Consortium for International Studies
Rural Health Association of Tennessee
Society for Advancement of Management (SAM)
South Atlantic Conference
Southeastern Library Network
Southern Association of College Registrars and Admissions Officers
Southeastern Museums Conference
Study Tennessee
TENN-SHARE
Tennessee Association of Colleges and Employers
Tennessee Association of Colleges for Teacher Education
Tennessee Association of Collegiate Registrars and Admissions Officers
Tennessee Association of Museums
The Tennessee College Association
Tennessee Career Development Association
Tennessee Conference of Graduate Schools
Tennessee Educational Association of Veterans Program Administrators
Tennessee Hospital Association
Tennessee Independent Colleges and Universities Association
Tennessee Osteopathic Medical Association
Veterinary Information Network
Virginia Association of Museums
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LINCOLN MEMORIAL UNIVERSITY
Undergraduate Academic Calendar 2016-2017

Official University Holidays (Offices closed/no classes):
2016: September 5; November 23-25; December 26-31
2017: January 2; April 14; May 29 and July 4.

Faculty/Staff Conference Week: August 8 - 12

Fall Semester 2016
- Final Registration before classes begin: August 11
- Welcome Weekend: August 11-14
- Matriculation Ceremony: August 11
- Classes begin: August 14
- Last day to complete registration/add classes: August 24
- Labor Day (no classes, residence halls remain open): September 5

Weeks
- Last day to drop course without “WD”: September 13
- Mid-term: October 7 - 8
- Thanksgiving holiday (no classes): November 23 - 25
- Last day to drop course without “F”: October 21
- Residence halls open: November 27
- Classes end: December 2
- Final exams: December 5 - 9
- Commencement: December 10

Spring Semester 2017
- Final Registration before classes begin: January 6
- Residence halls open: January 8
- Classes begin: January 9
- Martin Luther King Day: January 16
- Last day to complete registration/add classes: January 18
- Last day to drop course without “WD”: February 7
- Lincoln Day/Founders Day: February 13
- Mid-term: February 27 – March 3

Weeks
- Last day to drop course without “F”: March 17
- Residence halls close (5 p.m.): March 17
- Spring break (no classes): March 20 – 24
- Residence halls open (1 p.m.): March 26
- Early registration begins: March 27
- Good Friday (no classes): April 14
- Classes end: April 28
- Final exams: May 1 - 5
- Commencement: May 6
- Residence halls close (2 p.m.): May 6

Summer Term 2017
- Memorial Day (no classes): May 29
- Independence Day (no classes): July 4

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

Mission and Purpose Statement
Lincoln Memorial University is a values-based learning community dedicated to providing educational experiences in the liberal arts and professional studies. 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.

The University is committed to teaching, 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 advance life throughout the Appalachian region and beyond.

Revised July 8, 2015: Approved by Board of Trustees, May 6, 2016

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, which are derived from its mission and reflect its vision for the future:

1. Make educational opportunities available to all persons without reference to social status. The University seeks to maximize enrollment by strengthening recruitment efforts and increasing student retention through the creation of an academic and social environment that facilitates success and rewards achievement.
2. Maintain fiscal integrity in all its activities, programs and operations through concerted efforts to continuously increase its endowment and financial standing.
3. 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 market.
4. Advance the Cumberland Gap and Appalachian region through community service programs in continuing education, healthcare, leadership development, recreation and the fine and performing arts.
5. Serve as a critical educational, cultural, and recreational center for the area, and to develop and maintain facilities, which are safe, accessible, and conducive to the development of body, mind and spirit.
6. Attract and retain a diverse and highly qualified faculty and staff, committed to teaching, research and service.
7. Commit resources to support the teaching, research, and service role of the Institution.
8. Support faculty and staff development programs with priority for allocation of resources determined by institutional needs.
9. Increase technology for all educational sites. Specifically, the University seeks to continuously improve its computer and other technological resources for faculty, staff and students.
10. Develop and implement academic programs in response to anticipated or demonstrated educational need, and to continuously evaluate and improve the effectiveness of current programs.
11. Provide a caring and nurturing environment where students, faculty and staff with varied talents, experiences and aspirations come together to form a diverse community that encourages students to grow intellectually and personally to meet their academic and career goals.
12. Provide quality educational opportunities through selected degree programs for students who live or work a significant distance from the Lincoln Memorial University main campus, and for whom other options are not as accessible or satisfactory.

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 organize a great university 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 Lincoln Memorial University 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.

Lincoln Memorial University has expanded its international reach by partnering with educational institutions in Japan, Mongolia, China, and Mexico. Since 1979, the University has welcomed students annually from Kanto International Senior High School in Tokyo, Japan. The program exposes LMU students to the Japanese culture, while the Kanto students are immersed in English as a Second Language curriculum, learn about American culture, have homestay experiences, and participate in various other cultural activities.

The Community and Climate

Lincoln Memorial University 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, human resources—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 which 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, and 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 several administrative offices, including Academic Affairs, Finance, Information Services, and Human Resources.

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 5-12. 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 Academic Support Center, the Lon and Elizabeth Parr 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 333,284 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, Financial Aid, and student accounts. It is also home to the LMU-English Language Institute.

Kresge Hall houses the division of University Advancement, including Alumni Services, Marketing and Public Relations, fundraising, publications, and social media.

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 Campus Grounds,
Splitters Club, 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.

The DeBusk College of Osteopathic Medicine (DCOM) facility houses the DeBusk College of Osteopathic Medicine and its programs, including the Physician Assistant Program the Doctor of Medical Sciences program, and the Doctor of Osteopathic Medicine program. It contains lecture halls, faculty and administrative offices, laboratories, research space, examination rooms, and classroom space.

The Schenck Center for Allied Health Sciences provides classrooms, offices, laboratories, kennels, and surgical units to support the Veterinary Health Science (VHS), the Veterinary Medical Technology (VMT), and the Medical Laboratory Science (MLS), programs.

The Sigmon Communications Center is home for WRWB 740 AM and WLMU 91.3 FM radio and LMU-TV stations. The facility provides laboratory and classroom space to support the Media Communications Program.

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

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

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

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 which 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, bowling, and volleyball; women’s softball and beach volleyball; 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. Research is also carried out at the Powell River Aquatic Research Station, which opened in the spring of 2003. It is located on the Powell River at Hopewell Road and Brooks Bridge in Tazewell, Tennessee.

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

Extended Learning Sites

To meet the needs of the population of its service area, LMU operates a number of extended learning sites in communities where clusters of students and potential students have demonstrated need and support. The extended learning sites are at the following locations:

LMU’s Nursing Program is offered at
- Knoxville, TN - Blount County
  Alcoa City Center
  235 East Watt Street
  Alcoa, TN 37701
- Knoxville, TN - Cedar Bluff
  421 Park 40 North Blvd
  Knoxville, TN 37923
- Knoxville, TN - Physicians Regional Medical Center
  900 E. Oak Hill Avenue
  Knoxville, TN 37917
- Corbin, KY –
  Tri-County Shopping Center
  14892 N. US Hwy 25E
  Second Floor
  Corbin, KY 40701

Selected programs or courses are offered at
- Chattanooga, TN - Chattanooga State Community College
  4501 Amnicola Hwy
  Chattanooga, TN 37406
- Ewing, VA, extension of Harrogate Campus-DeBusk Veterinary Teaching Center
  203 DeBusk Farm Drive
  Ewing, VA 24248
- Kingsport, TN - Center For Higher Education
  300 West Market St.
  Kingsport, TN 37660-4222
- Knoxville, TN- Cedar Bluff
  421 Park 40 North Blvd.
  Knoxville, TN 37923
- Knoxville, TN- Duncan School of Law
  601 West Summit Hill Drive,
  Knoxville, TN 37920

For more information about LMU’s extended learning sites, contact the Vice President for Extended Learning Sites at 423.869.6319.

Other Opportunities and Services

Lincoln Memorial University affords many opportunities for student involvement in campus life, including social fraternities and sororities, honorary societies, religious organizations, academic groups, and other organizations supported through the Student Organization Council. Athletic events, commencement exercises, Student Services activities, Student Government Association (SGA), intramural sports, and the yearbook publication are examples of events/services sponsored by the University. A complete listing of student privileges is provided in the Student Handbook.

Organizations

Lincoln Memorial University encourages participation in campus organizations. For information concerning
membership or meeting times of the following organizations, contact the Office of Student Services. If your needs are not met by the existing organizations, you may form your own under guidelines provided by the Office of Student Services. For details, see the Student Handbook.

**Academic Organizations**
- Art Club
- Athletic Trainers Student Association
- Baptist Collegiate Ministries
- Criminal Justice Society
- Earth Club
- Physical Education and Kinesiology
- Pre-Med Student Association
- Pre-Veterinary Medicine Club
- Psychology Club
- SHARE Club
- Student National Education Association
- Student Nursing Association
- Student Support Services
- Student Tennessee Education Association
- Student Wildlife Society
- Veterinary Technology Club

**Greek Organizations**
- Alpha Lambda Zeta
- Kappa Pi Omega
- Delta Theta Sigma
- Sigma Pi Beta
- Gamma Lambda Sigma
- Zeta Tau Kappa

**Honor Societies**
- Alpha Chi (Academic Honor Society)
- Alpha Gamma Sigma Chapter of Sigma Tau
- Delta (English Honor Society)
- Delta Mu Delta
- 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 Ministries
- Campus Activities Board
- Cheerleading
- Concert Choir
- eLMundo
- “Emancipator” Literary Magazine
- ENACTUS
- Fellowship of Christian Athletes
- GLBT Support
- Historical Society
- International Student Union (ISU)
- Jazz Band
- LMU Players
- Lincoln Ambassadors
- Paranormal Society
- Pep Band
- Photography Club
- RAILSPLETTTER Yearbook Staff
- Recycling Club

Student Alumni Association
Student Government Association
The Hill-Campus Ministries
The Splitter Report

**The Tagge Center for Academic Support**
The Tagge Center for Academic Support provides a variety of free assistance to meet the academic needs of 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 to assist students needing additional academic preparation or having academic difficulty. The program offers services in the areas of academic and financial advisement, career planning, personal growth, tutoring, and mentoring.

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.

**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 Financial Aid information.

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.

**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.

**Oak Ridge Associated Universities**
Since 1993, students and faculty of Lincoln Memorial University 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 which 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.

In Conclusion

The faculty, students, and administrative personnel work together at Lincoln Memorial University to build a supportive community that cares for people and fosters individual creativity and growth. Under dynamic, experienced administrative leadership and a committed, well-prepared faculty, LMU has an atmosphere of openness and concern for the needs of each individual and a commitment to providing the best conditions for learning.

The University exists for students and shows genuine concern for the students’ development of knowledge and skills for use in meeting the challenges of a rapidly changing and global society.

A curriculum of relevant professional studies combines with instruction in the liberal arts and sciences to produce LMU graduates with marketable credentials, analytical skills, and commitment to ethical citizenship.

ADMISSION AND COST

Applicants may be admitted to Lincoln Memorial University according to the following classifications, policies, and procedures. In addition to submitting a completed application form and a $25 non-refundable application fee, the applicant must have the appropriate source/agency provide the required documents (official academic transcripts, examination scores, recommendation letters, etc.) directly to:

Director of Admissions
Lincoln Memorial University
6965 Cumberland Gap Parkway
Harrogate, TN 37752

Entering Freshman Student

To be admitted to Lincoln Memorial University 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 1 unit
- (world history, government, geography, sociology, psychology, economics, or anthropology)
- 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 Lincoln Memorial University.

The applicant also must submit his/her official score from the American College Testing Program (ACT) or the Scholastic Aptitude Test (SAT). Lincoln Memorial University periodically administers the national SAT and the ACT, as well as the ACT Residual. Specific dates, times, and campus locations can be found by contacting the Office of Institutional Effectiveness at (423) 869-6294.

Upon acceptance into Lincoln Memorial University, students are required to submit a deposit to ensure housing placement and official enrollment status. This deposit is $200 for resident (on-campus) students and $100 for commuter students. For residential students, the housing deposit is refundable provided the student submits a letter to the Office of Residence Life requesting formal withdrawal 30 days before the first day of classes. The Office of Residence Life must approve this written request.

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; see Criminal Background Check Policy.

Freshman Student Admission Status

**Priority Admission:** The applicant qualifies for Priority Admission status if he/she meets the following admission criteria:

1. High school graduate with grade point average (GPA) of 3.2 or higher on a 4.0 scale
2. Minimum composite ACT score of 19 or SAT score of 910

Students admitted under Priority 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** (including admission with restrictions):
A student not meeting Priority Admission requirements may be offered admission into the University if approved by the Admissions Committee. To be considered for Regular Admission, a student with a minimum composite score of 16-18 on the ACT or 780-900 on the SAT must have a minimum of a 3.0 or higher high school GPA (on a 4.0 scale) and two letters of recommendation attesting to the student’s ability to perform college level academic work. Regular Admission may also be offered to applicants who hold the High School Equivalency Diploma, having completed the General Education Development (GED) examination with a score average of 45 or higher and no component score below 35. All Regular Admission applicants must be approved by the Admissions Committee.

If a student is admitted under Regular Admission, the student must complete any developmental coursework specified by the Admissions Committee and the student is subject to the guidelines regarding academic probation and suspension applicable to all LMU students. Students admitted under Regular Admission will be assigned specific new student orientation dates for course registration. Furthermore, applicants granted Regular Admission may be required to participate in the University’s academic support and tutoring programs.

Any restrictions based on this admission can be lifted upon completion of 24 hours of coursework at LMU with a GPA of 2.0 or higher.

**Early Enrollment Admission:** The high school student with a superior academic record or having been identified as academically talented/gifted may be granted Early Enrollment Admission as a Lincoln Memorial University freshman student.

The application for Early Enrollment Admission is reviewed with special care and must have the endorsement of the student’s parents and high school officials.

1. Distinguished, high academic achievement in the ninth, tenth, and eleventh grades may qualify the applicant for Early Enrollment Admission following the junior year of high school. The applicant must have a high school GPA of 3.2 or higher on a 4.0 scale and a minimum composite ACT score of 22 or a minimum composite SAT score of 1020. If the student successfully completes prescribed freshman level courses at Lincoln Memorial University, he/she satisfies equivalent requirements for high school graduation.
2. A high school student (ninth, tenth, eleventh, or twelfth grade) identified as academically talented/gifted, with a program of study designed by a special multidisciplinary committee, may qualify for Early Enrollment Admission and take prescribed Lincoln Memorial University courses.

A high school GPA of 3.0 or higher on a 4.0 scale is required and a minimum ACT composite score of 18.

Transfer Student

Transfer students who have completed 12 or more semester credit hours of transferable coursework at an accredited/approved college or university will be considered for transfer admission.

Students having completed fewer than 12 semester credit hours are subject to the admission criteria and procedures applicable to freshman admissions. Transfer student applicants must submit the following:

1. Application for Admission
2. Non-refundable $25 application fee
3. Official transcripts from all colleges and universities attended; if fewer than 12 semester credit hours of college level coursework have been completed, an official high school transcript must be submitted.

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

Upon acceptance into Lincoln Memorial University, students are required to submit a deposit to ensure housing placement and official enrollment status.

This deposit is $200 for resident (on-campus) students and $100 for commuter students. For residential students, the housing deposit is refundable provided the student submits a letter to the Office of Residence Life requesting formal withdrawal 30 days before the first day of classes. The Office of Residence Life must approve this written request.

Transfer Student Admission Status

**Transfer Admission:**

The applicant qualifies for Transfer Admission status if he/she has a cumulative GPA of 2.0 or higher on all previous college level coursework. Students with less than a cumulative 2.0 GPA on previously attempted college level work earned within the past five years may be considered by the Admissions Committee.

If a student seeks transfer admission and has been out of college for more than five years or has a cumulative GPA lower than required for Transfer Admission, the Admissions Committee will review the student’s academic transcript(s) and supporting materials and make a decision on acceptance. The Admissions Committee may require that transfer students participate in the University’s academic support and tutoring programs.

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

**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).

Further, if English is not his/her native language, the international student must submit her/his official score report from the Test of English as a Foreign Language (TOEFL); for admission to the University, a score of 500 or higher is required on the paper-based TOEFL test; 61 or higher on the Internet-based TOEFL (IBT) test; or 173 or higher on the computer-based TOEFL (CBT) test. A score of 5.5 or higher is required on the International English Language Testing System (IELTS) test. Although admitted to the University, the international student must also enroll in ELI 101 unless the paper-based TOEFL score is 527 or higher; the TOEFL iBT score is 71 or higher; the TOEFL CBT score is 197 or higher; or the IELTS score is 6 or higher.

International students transferring from other post-secondary 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).

Students scoring below the required 500 on the TOEFL, or below the above stated alternative tests, will not be admitted to the university.

The international student will consult the International Student Advisor regarding placement tests, remedial 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 admitted granted before issuance of an I-20 form, necessary for obtaining a student visa.

The international student granted admission to Lincoln Memorial University 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 Immigration and Naturalization Service (INS) to attend Lincoln Memorial University; 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 Lincoln Memorial University 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 Lincoln Memorial University courses for vocational or avocational reasons, may be granted admission as a Transient Enrollment Student.

Such person is not required to submit application materials relevant to other admission classifications unless he/she later chooses to seek admission to a Lincoln Memorial University degree program.

**Senior Citizen Student**

Citizens, age 62 or older, may schedule and attend one (1) undergraduate course per semester tuition free. To do so, one must attend a regularly scheduled registration day.

**Tuition and Fees**

The tuition cost to attend Lincoln Memorial University is substantially below the national average. The amounts included in the cost of each semester’s registration are placed on the student’s account in the Student Accounts Office. 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 any error by appropriate additional charges or credits. The following are effective Fall Semester 2016.

**Undergraduate Tuition**

<table>
<thead>
<tr>
<th>Credit Hours</th>
<th>Tuition Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>12-17</td>
<td>$10,260 semester (base rate)*</td>
</tr>
<tr>
<td>1-11</td>
<td>$855/credit hour</td>
</tr>
</tbody>
</table>

**Graduation Fees:**

Associate - $50
Baccalaureate-$75 (undergraduate program)

**Other Fees:**

Change of Schedule Fee $15 per course
Late Registration Fee see Registration Info/Policies
Comprehensive fee:
$265 /semester for full time undergraduate students at Harrogate campus
$115 /semester for full time undergraduate students at extended sites
$15/ semester for all other students

**Directed/Independent Study Fee** $25 plus course tuition

Special Credit/ Credit by Exam $50 per cr hr
Non-sufficient Funds (NSF) $30
NURS 115 $290
NURS 124 $170
NURS 125, 241 $145
NURS 242/244 $445
NURS 300 $ 80
NURS 320 $380
NURS 360 $155
NURS 375 $ 55
NURS 390 $ 70
NURS 415 $152
NURS 470 $74 (RN/BSN only)
NURS 480 $452
EDUC 497F-Seminar $300

*12-17 credit hours base rate applies also to a student enrolled during any combination of summer terms.

Failure to pay tuition and fees may lead to professional collection agency efforts to enforce payment. In such cases, the
student is responsible for ALL collection costs up to 33 1/3% and expenses incurred by the University, including reasonable attorney fees.

All past due balances paid by check may require at least 10 business days (possibly more depending on bank processing) after payment is submitted for the release of records.

**Room and Board (Harrogate Campus)**

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

**Liles and West Halls** - These residence halls, considered basic housing, are traditional halls with centrally located community bathroom facilities.

**Byram and Munson** – These residence halls are dedicated to the LMU Sororities. Byram is the Delta house, and Munson is the Kappa house.

**Lafrentz-Poole Hall** - This residence hall is a co-ed facility with individual private rooms and baths. The hall is primarily for upper-classmen.

**Dishner, Pope, and Mitchell** - 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. Currently, these facilities are housing graduate students.

**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.

All full-time undergraduate students, attending class on the Harrogate campus, must reside on campus unless they are:

- At least 21 years of age, regardless of class ranking;
- Residing with a parent or legal guardian within 65 miles of campus;
- Married and residing with their spouse.

All student-athletes who receive at least $1.00 of scholarship funds are required to live on campus.

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

Residence halls are available to students who wish to live on campus. Students should reference the Residential Handbook for information, rules, and regulations applicable to students living in LMU housing.

Undergraduate Students living in the residence halls, with the exception of married students, must have a Lincoln Memorial University Meal Plan.

All undergraduate students must pay an initial reservation and damage deposit of $200 for housing. 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.

Completed housing application forms, along with a $200.00 reservation and damage deposit, should be submitted to the Director of Residential Life. The deposit is refundable at the end of a student's residency if the student checks out in good order, cancels his/her room reservation by July 1 (Fall) or January 1 (Spring) and has no charges related to room damages or key loss. Check in and check out procedures are set forth in LMU’s Residential Handbook.

**Room Rates:**

Basic room and board rates per year, effective Fall Semester 2016 for undergraduate students:

<table>
<thead>
<tr>
<th>Residence Hall</th>
<th>Standard Private</th>
<th>Deluxe Private</th>
<th>1-bedroom apt. (10 months)</th>
<th>1-bedroom apt. (12 months)</th>
<th>Loft, private</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lafrentz-Poole Hall</td>
<td>$5,400</td>
<td>$5,900</td>
<td>$7,870</td>
<td>$9,444</td>
<td>$5,100</td>
</tr>
<tr>
<td>Liles/West</td>
<td>Private room</td>
<td>$4,950</td>
<td>$3,350 per person</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>2-person room</td>
<td>$6,900</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Dishner, Langley, Mitchell, Pope, Shelton</td>
<td>1-person room</td>
<td>$5,300 per person</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Byram</td>
<td>1-person room</td>
<td>$5,500</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Munson</td>
<td>1-person room</td>
<td>$5,500</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>2-person room</td>
<td>$4,600 per person</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Food Service (Harrogate Campus)**

**Meal Plans:**

**Residential Meal Plans-**

| Meal plan #1 | $2,100/semester |
| Meal plan #2 | $2,175/semester |
| Meal plan #3 | $2,100/semester |

**Commuter Meal Plans-**

| Block 50 | $420/semester |
| Block 100 | $870/semester |
| Block 150 | $1150/semester |

All undergraduate students living in campus residence halls are required to participate in one of the meal plans offered. Any student who must follow a specific diet may supply the Director of Food Services with a prescription diet from the student’s physician.

Every effort will be made to accommodate the student’s special dietary needs. 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 in the Splitters Club. Chartwells Higher Education Dining Services provides food services to LMU students.

Chartwells Higher Education Dining Services also provides catering services to the surrounding community through dinners, banquets, parties, dances, etc. These services are made available to individuals, companies, and various student and community organizations.

**Residential Students** may select from the following meal plans:

**Meal Plan #1** - This meal plan is designed to satisfy the needs of students who plan to be on campus most of the
weekends during the semester. This all you care to eat meal plan includes nineteen (19) meals per week, Sunday-Saturday. Participants will need to budget for snack foods desired at times other than normal dining hours.

**Meal Plan #2** - This meal plan is designed for students who wish to eat a majority of meals offered. This all you care to eat meal plan includes fifteen (15) meals per week, Sunday-Saturday. This meal plan also includes 150 Flex Dollars to be used throughout the semester for purchases in the Splitters Club, The Campus Grounds coffee shop, or dining hall.

**Meal Plan #3** – This meal plan is designed to accommodate the schedules of student athletes and any student who spends significant time away from campus during dining hall hours. This all you care to eat meal plan includes ten (10) meals per week. This meal plan also includes 300 Flex Dollars to be used throughout the semester for purchases in the Splitters Club, The Campus Grounds coffee shop, or dining hall.

**Commuter Meal Plans:**

Block Meal Plans - This plan is designed for the commuter student with the flexibility to purchase 50, 100 or 150 meals to use throughout the year.

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

In the event that students are interested in changing their meal plans they have approximately 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 Residence Life. The Office of Residence Life can also add meal plans for commuter students and campus community members the cost will be posted to the individuals account.

Meals and meal plan charges begin concurrently on registration day. The dining hall will be serving breakfast, lunch and dinner.

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 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. *Oral 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:

- Through the first official day of classes 100%
- After the first official day of classes and during the first week of the semester 90%
- 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 appear at [Information and Policies Printables](#) and/or the Office of Student Services, the Office of the Registrar and the Office of Financial Aid.

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

**Official Withdrawal**

Any completed student withdrawal will be reviewed for the official withdrawal date, set forth by the Registrar ([see Withdrawal from the University](#)). The Registrar uses the date the student communicates in writing 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 (DOE). Adjustments are made and refunds sent back to the appropriate program(s) with the DOE 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 Financial Aid 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**

Unofficial Withdrawals are reviewed after grades post for each term. Any student earning all F’s is considered an Unofficial Withdrawal. Financial Aid confirms attendance past the 60% point of the term and a timeline in which to provide 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, thru 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 DOE, at the time of processing the Unofficial Withdrawal student record. Financial Aid 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.

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 Financial Aid Office would use the actual start and end dates of the enrolled classes in the R2T4 calculation. At the end of the summer semester, Financial Aid reviews grades for Unofficial Withdrawals.

Refund of Housing Reservation and Damage Deposit
The 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; keys have been returned; and the student has cancelled his/her housing reservation by August 1 for Fall semester and by January 1 for Spring semester.

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 forfeits the resident’s deposit.

A written request for refund must be made to the Director of Residence Life. Once the request is made the process of the refund can take up to 120 days.

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.

FINANCIAL AID POLICIES AND PROCEDURES
Lincoln Memorial University 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 their 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 Lincoln Memorial University is based on financial need. Need is defined as the difference between the cost of attending LMU and the calculated expected family contribution toward that cost. After the student submits the necessary application forms, the Financial Aid Office will determine the student’s eligibility for financial assistance.

Each applicant for financial aid must submit a Free Application for Federal Student Aid (FAFSA). The FAFSA should be submitted to the federal processing center in time for the aid to be received by April 1 for students entering 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. For policies and procedures relating to Academic requirements, please see ACADEMIC POLICIES AND INFORMATION.

Financial Aid: Satisfactory Academic Progress
Satisfactory Academic Progress Relating to Financial Aid federal regulations require that all students who receive federal financial aid make progress toward a degree. All colleges must have policies that ensure students are making this progress both qualitatively and quantitatively. LMU has established the following Satisfactory Academic Progress (SAP) Policy against which each student’s academic progress will be reviewed following each semester, including the summer term.

Qualitative: Maintaining Financial Aid Academic Progress (GPA)
Students who fail to maintain satisfactory progress may not receive federal or state financial aid. This includes Federal Pell Grants, Federal Supplemental Educational Opportunity Grants, Tennessee Student Assistance Awards, Tennessee Education Lottery Scholarships, Lincoln Grants, Federal Work-Study, Federal Perkins Loans, Federal Direct Loans, Federal PLUS Loans, other aid involving Title IV funds, or any other aid for which satisfactory progress is a requirement. These policies apply only to financial aid eligibility. A student is considered to have made satisfactory academic progress provided he/she passes at least 67% of the cumulative credit hours attempted and has not reached 150% of time enrolled in an academic program (see Quantitative: Maximum Time Frame). Also, the student must maintain a minimum cumulative grade point average as outlined below:

<table>
<thead>
<tr>
<th>Hours Attempted</th>
<th>Cumulative GPA</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 - 29</td>
<td>1.5 GPA</td>
</tr>
<tr>
<td>30 - 45</td>
<td>1.75 GPA</td>
</tr>
<tr>
<td>46 - 59</td>
<td>1.90 GPA</td>
</tr>
<tr>
<td>60 + Hours</td>
<td>2.0 GPA</td>
</tr>
</tbody>
</table>
For graduate programs, please refer to specific graduate catalogs to see grade point average requirements. A student whose academic performance drops below the minimum standards will be placed on financial aid warning. A student can retain financial aid while on warning for one semester but must meet SAP by the end of that semester or be placed on Financial Aid Suspension.

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 successfully at least 30 of those credit hours to make Satisfactory Academic Progress (SAP). A student whose academic performance drops below the minimum standards will be placed on financial aid warning. A student can retain financial aid while on warning for one semester but must meet SAP by the end of that semester or be placed on Financial Aid Suspension.

Quantitative: Maximum Time Frame

No student will be eligible to receive financial aid for more than 150% of the published length of the 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). Transfer credits will be evaluated and those credits that count toward the student’s current academic program will count as both attempted and completed hours. 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.

Financial Aid Appeals

Students who are on Financial Aid Suspension may appeal this decision to the LMU Executive Director of Financial Aid. 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. This letter should be sent to:

Executive Director of Financial Aid
6965 Cumberland Gap Parkway
Harrogate, TN 37752

The Executive Director 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 Executive Director does not approve the appeal, 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 in conjunction with the Director of Academic Support in order to help the student meet SAP standards in a specified timeline in order to graduate from a program. At the end of the next semester, the student must be following the approved academic plan. The academic plan must detail exactly what courses are required for the student to complete their intended program of study at LMU.

Financial Aid 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 email notification will be sent to his/her LMU email address.

Regaining Financial Aid Eligibility

Quantitative: Maximum Time Frame

Once terminated for maximum time frame, in order to regain eligibility, the student must graduate from the current declared program.

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

To regain eligibility, students may take courses at their own expense in a subsequent term or terms and meet the standards according to the cumulative credit hours completion ratio outlined above (see Quantitative: Hours Attempted vs Hours Earned (Completion Rate)). Once the student has taken the courses and earned passing grades, they must to notify the Office of Financial Aid.

Qualitative: Maintaining Financial Aid Academic Progress (GPA)

To regain eligibility, the student must complete courses at their own expense and raise their cumulative GPA to the acceptable standard. After completing the courses and raising their GPA, the student must 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

Lincoln Memorial University supports the idea that 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 $1000 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 $1,000 to full tuition per year.

March 1 is the priority date for scholarship consideration. All students who have been accepted to LMU prior to this date will be considered for academic awards. All scholarships are renewable for three additional years provided the student maintains a cumulative 2.7 GPA.

All 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.

**Annual and Endowed Scholarships**

The LMU Student Awards Committee begins selection for annual and endowed scholarships in December. 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 Fund  
Ada Apperson Endowed Scholarship  
Afton Tara Sanders Memorial Endowed Scholarship  
Algernon Sydney Sullivan Endowed Scholarship  
Alvin “Doc” Reece Baseball Scholarship  
Amelia Dawson Scholarship  
Anna Geneva Christian Endowed Scholarship  
Anna Vermillion Memorial Fund  
Appalachian Children’s Home Endowed Scholarship for Social Work  
Award of Excellence in Medical Laboratory Science  
Baird Brown Memorial Scholarship  
Bell South Annual Scholarship  
Ben and Nancy Sergent Endowed Scholarship  
Bessie and Sanford Headley Endowed Scholarship  
Betty Mason Grubb Memorial Annual Scholarship  
Billie J. Litz Memorial Annual Scholarship  
Bobby L. and James F. Collier Endowed Memorial Scholarship in memory of Ruth Longmire and in honor of Katherine DePersio  
Bost Endowed Scholarship  
Brad Greer Memorial Scholarship  
Branstetter Endowed Scholarship  
Browning Memorial Scholarship  
Bruce and Lavenia Mitchell Endowed Scholarship  
Burrell W. Bales Memorial Annual Scholarship  
Business Graphics and Services Annual Scholarship  
C.A. Maxie Memorial Scholarship  
C. Bascom Slemp Endowed Scholarship  
C.T. McDonald Scholarship Fund  
C.W. and Gladys T. Bradley Memorial Scholarship  
Carl W. Schaefer Endowed Scholarship  
Cecil L. Bellamy Endowed Scholarship  
Centennial Endowed Scholarship  
Chamberlain Endowed Scholarship  
Charles and Mary Covey Endowed Scholarship  
Charles E. Bull Writing Awards  
Charles M. Hubbard Endowed Scholarship in History  
Charles T. King Annual Scholarship  
Class of 1936 Endowed Scholarship  
Cocke County Endowed Scholarship  
Colonel Lee B. Ledford Scholarship  
Conard and Ruth Grabee Ritter Endowed Scholarship  
Conrad Daniels Endowed Scholarship  
Cora A. Cupp Fund  
Cornie and Jerry Harber, Sr. Endowed Scholarship  
Cottrell Family Endowed Scholarship  
Coulter-Parrish-Tranchida Scholarship  
Creed Byrd Annual Scholarship  
Crosby and Lena Murray Annual Scholarship  
Croushorn Business Scholarship  
Dames of Loyal Legion Endowed Scholarship  
DAR Carpenter Mountain Endowed Scholarship  
Dave Chesney Annual Scholarship  
David McDonald Memorial Scholarship  
David S. Dubose Memorial Scholarship  
Dean C. Bailey Endowed Memorial Scholarship  
DeLinger-Aulton History Scholarship  
Delta Annual Scholarship  
DeMarcus Memorial Scholarship  
Dennis Lee Peters Education Scholarship  
Donald E. and Mary Lou Pope Endowed Scholarship  
Donald W. and George F. Parker Endowed Scholarship  
Dorothy M. Kincaid Annual Scholarship  
Dorothy G. Neely Endowed Scholarship  
Dorothy Roark Russ Endowed memorial Scholarship  
Dorothy Teague Bruce Memorial Endowed Scholarship  
Dr. Charlotte A. Bauer and Nannine Clay Wallis History Award  
Dr. Estle Pershing Muncy Memorial Scholarship  
Dr. G.W. Stone Fund  
Dr. H.Y. Livesay Memorial Scholarship  
Dr. J. Frank Pierce and Dr. Joan U. Pierce Endowed Foundation Scholarship  
Dr. Jerry C. Bishop Endowed Memorial Scholarship  
Dr. John Wesley Hill Endowed Scholarship  
Dr. Judy Edds Memorial Nursing Scholarship  
Dr. Louis Lutz Memorial Scholarship  
Dr. and Mrs. Lynn French Blake Laboratory Endowment Fund  
Dr. Orkin Garton Endowed Scholarship  
Dr. Owen S. Genevieve M. Hendren Science Scholarship  
Dr. Ralph Stanley Endowed Scholarship  
Dr. Ray Stowers Honorary Scholarship  
Dr. Tim Williams Veterinary Medicine Business Award  
Dr. Warner S. and Ruth McIntosh Business Scholarship  
Drs. Jason W. and Jennifer Johnson Rural Appalachian Region Veterinary Scholarship  
E. Cecil Sumpter Endowed Scholarship  
E.L. Bullard Memorial Scholarship  
Earl Hopson Smith Scholarship  
Ed Baney Memorial Scholarship  
Ed Scholar Annual Scholarship  
Edgar A. Anchors Trust  
Edward Harrison Annual Scholarship  
Elery and Jamie Lay Endowed Scholarship  
Elizabeth B. Ridenour Endowed Scholarship  
Elizabeth Yeary Nursing Annual Scholarship  
Ernest W. Fields Endowed Nursing Scholarship for Faculty Development  
Estate of Lelia M. Weaver Endowed Scholarship  
F.W. Welch, Jr. Memorial Scholarship Fund  
Fay G. Keck Memorial Endowed Scholarship in Elementary Education  
First Century Bank Annual Scholarship  
Flora-Sargeant Schultis Scholarship  
Fortner-Diffenderfer Endowed Scholarship  
Francis W. Upham Scholarship
Frank Turner Nursing Scholarship
Franklin A. Sr. and Loretto Gulledge Memorial Scholarship
Fred A. Jones Memorial Scholarship
Gary Burchett Annual Scholarship
General Shale Annual Scholarship
George and Birdie Morton Endowed Scholarship
George and Gloria Longmire Endowed Scholarship
George I. Alden Trust Endowed Scholarship
George W. Ogden Scholarship
George White and Stanley Thompson Endowed Scholarship
Georgia S. Baker Endowed Scholarship
Geraldine (Jerre) McCulley Endowed Scholarship for a Girl from Campbell County, Tennessee
Gertrude B. Shoun Endowed Scholarship
Gladys Robinette Annual Business Scholarship
Glenn M. Bowling Endowed Memorial Scholarship
Glyn R. Phillips Endowed Scholarship
Good Samaritan Scholarship
Grace Gary Scholarship
Grace Nettleton Foundation Endowed Scholarship
Guy L. Taylor Endowed Scholarship
H.A. Whiten Memorial Endowed Scholarship
H.G. Loy Scholarship Fund
Hanks Endowed Scholarship
Harland B. Sanders Memorial Kentucky Colonels Scholarship
Harley and Annie Headley Scholarship for The J. Frank White Academy
Harold M. Finley Memorial Endowed Scholarship
Harris Family Endowed Scholarship
Henry Friend Davis Scholarship
Henry Spencer Endowed Scholarship
Herbert H. McCampbell Scholarship
Herman Matthews Endowed Math Scholarship
Hetty McEwen Endowed Scholarship
Home Federal Bank Annual Scholarship
Howard Peterson Scholarship
Hugh Trent and Helen Ramsey Endowed Scholarship
Ingersoll Endowed Scholarship
J. Frank White Annual Scholarship
J. Frank White Endowed Scholarship
J.J. and N.J. Khoury Memorial Fund
J.P. and M.G. Bradshaw Scholarship Fund
J. S. Fearing Memorial Scholarship Fund
Jack and Myrtle Ailor Endowed Scholarship
Jack (’61) and Pat (’60) Roop and Jackie Roop Evans (’85) Annual Scholarship
Jack R. and Margaret Lomax Kirstein Endowed Scholarship
James B. and Inez Stiner Endowed Scholarship in Memory of Mr. and Mrs. H. Clay Stiner and G.S. Stiner
James G. Johnson Scholarship
James McCune Endowed Vocal Scholarship
James R. Niedergeses Memorial Endowed Scholarship
Jennie Mae Bell Annual Scholarship
Jerry C. Bishop Endowed Education Scholarship for Athletes
Jess Edds Endowed Scholarship
Jim and Janet Jordan Endowed Scholarship for Academically Gifted Athletes
Jim Byrd Family Scholarship
Jim Byrd Golf Scholarship
Jimmie Charles Whitt Endowed Scholarship at LMU-DCOM
Joe Burchett Memorial Scholarship
Joe Ed and Nell Carr Scholarship in Athletics
John and Carol Howe Annual DCOM Scholarship
John and Evelyn Bumgarner Endowed Scholarship
John and Sue Ivey Scholarship
John Brown Annual Scholarship
John Howard and Mary Bryan Payne Endowed Scholarship
John Newell Scholarship
John O. Youell, Jr. Endowed Scholarship Fund
John W. Laningham Endowed Scholarship
Juanita Collins Latiff Memorial Scholarship in Education
Judith Scholarship Fund
Judy Baker Johnson Endowed Memorial Scholarship
Juliaette and Jane Jones Scholarship
Kacey and Gary Hickman Baseball Scholarship
Kathleen Bert Burchett Memorial Endowed Scholarship
Kelli Atkins Memorial Scholarship
Kenneth and Christine Edds Endowed Scholarship
Kenneth and Constance Loftice Student Work Scholarship
Kermit Bailey Endowed Scholarship
Knoxville Academy of Medicine Alliance (KAMA) Nursing Scholarship
Kristie Rae Surber Endowed Scholarship
L.G. and Carroll Caylor Endowed Nursing Scholarship
L.N. Foster Scholarship Fund
Lakeway Alumni Chapter Endowed Scholarship
Lambdin Family Scholarship
Larry and Linda Davis Endowed Scholarship
Larry Stephen Rosenbalm Endowed Scholarship
LaWanda Taylor Annual Nursing Scholarship
Leroy Johnson Endowed Scholarship
Lillian A. Ralston Art Award
Lillian Porterfield Scholarship
Lillian Rowlette Fugate Memorial Scholarship
LMU Association Endowed Scholarship
Lon/Elizabeth Reed Helping Hands Fund
Lorraine D. Peters Endowed Nursing Scholarship
Lowell M. Bond Memorial Scholarship Fund
Lu Anne Ingersoll Music Scholarship
Luke Copeland Memorial Music Scholarship
Lynn and Georgia Blake Endowment Fund
M.O. and Lena Worthington Endowed Scholarship
Mabel Smith Endowed Music Scholarship
Madeline S. Brundage Scholarship
Margaret Ann Nicholson Endowed Scholarship
Margaret T. Leary Endowed Scholarship
Marguerite Sundback Endowed Scholarship
Marie Estes Houston Memorial Endowed Scholarship for The J. Frank White Academy
Marion and Alice Stopinski Memorial Endowed Scholarship
Married with College Annual Scholarship
Martin and Lorraine Peters Endowed Scholarship
Mary Frances Gray Lundy Endowed Scholarship for the LMU DeBusk College of Osteopathic Medicine in memory of James Charles Gray, Sr.
Mary Lee Brashears Memorial Endowed Scholarship
Mary Logan Scholarship
Mary Mildred Sullivan Endowed Scholarship
Mary Ruth Westerfield Memorial Scholarship
Mary S. Copeland Endowed Scholarship
Mary Sue Deel Rice Scholarship Fund
Mary Wilcox Endowed Scholarship
Maurine Allen Memorial Annual Scholarship
Mayme Woodson Brown Music Scholarship
Meaning of Life Annual Scholarship
Meyers Y. Cooper Endowed Scholarship
Mike Reece Family End Scholarship in Business
Mildred A. Murray Endowed Scholarship
Mildred Headley and Jo DeLong Endowed Memorial Scholarship
Robert Lee Kincaid Scholarship
Robert Lee Weiss Foundation Nursing Scholarship
Robert McGinley Memorial Scholarship
Robertson Endowed Scholarship for the J. Frank White Academy
Ronald J. and Elizabeth D. Chinnock Memorial Endowed Music Scholarship
Rosanna Godforth Cavin Memorial Endowed Scholarship
Rose Irwin Wetherington Endowed Scholarship
Rosebud Stickley Smiddy Endowed Scholarship
Ross and Lillian Hemphill Annual Nursing Scholarship
Ross Carter Achievement Award in Literature
Ross Carter Achievement Award in Writing
Ross S. Carter Memorial Endowed Scholarship
Rotary Oscar Robertson Memorial Scholarship
Roy and Anna Burchfield Annual Scholarship
Roy F. Floyd Memorial Scholarship
R.R. Evans Endowed Scholarship for LMU-DCOM
Ruby Miller Baker Memorial Scholarship
Russell and Belinda Lloyd Endowed Scholarship
Ruth Rogers O'Dell Endowed Scholarship
Sam and Mary Lou Spencer Endowed Scholarship
Samuel David and Vergie Robinette Carter Memorial Scholarship
Mon Morishima Memorial Scholarship
Moore Endowed Scholarship
Morris F. Wiener Endowed Scholarship
Moses Kimball Memorial Scholarship
Mrs. Gene Hessler Endowed Scholarship
Myra S. Young Memorial Scholarship
Myrtle E. Smith Memorial Fund
Mission of Hope Endowed Scholarship in memory of Dedrick Andrew Courtney
Nicely-Grainger Endowed Scholarship
Nora Ellison Annual Scholarship
Nora Mullens Endowed Scholarship
Onilee Wells Lawless Scholarship
Owenby Memorial Endowed Scholarship
PA Program Scholarship Fund
Palmer Henry Diffenderfer Memorial Scholarship
Patsy Buckner Cruse and Max Cruse Scholarship in Business
Patsy Yates Robinette Memorial Endowed Scholarship
Paul F. Dishner Endowed Scholarship
Pete Vires Memorial Scholarship
Phil and Mary Comer Annual Nursing Scholarship
Philip Kingsland Tompkins Endowed Scholarship
Pilot Corporation Annual Scholarship
R.C. "Snook" and Marti Shelton Endowed Scholarship for Osteopathic Medical Students
R.P. Chesney Memorial Scholarship
Ralph U. Butler Loan Fund
Ramsey-Schemel / Class of 1960 Endowed Scholarship
Ray Flanary Endowed Scholarship
Rebecca Dagley Fersner Memorial Scholarship
Rector Greene Memorial Scholarship
Richard M. Weaver Endowed Scholarship
Robert Langley Endowed Scholarship
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Russell and Belinda Lloyd Endowed Scholarship
Ruth Rogers O'Dell Endowed Scholarship
Sam and Mary Lou Spencer Endowed Scholarship
Samuel David and Vergie Robinette Carter Memorial Scholarship
Walter S. Hogg Scholarship
Wayne Wells Memorial Communications Scholarship
Wetherington Scholarship Fund/RIW
Wetherington, Tullie Steve Endowed Scholarship
Whitaker Lawson and Margaret Chumley Orr Endowed Scholarship
William and Anna Rhea Memorial Endowed Scholarship
William C. Davis and Janet Dallwig Davis Endowed Scholarship for Social Work
William Randolph Hearst Endowed Scholarship
William Smith Endowed Scholarship
William T. (Chid) and Belle M. Wright Memorial Scholarship
Willie H. Cushman Endowed Scholarship
Women’s Relief Corps Endowed Scholarship
Woods-Jones Endowed Scholarship
Zeta Tau Kappa Alumnae Chapter 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 Lincoln Memorial University experience, is governed. For information on graduate and professional degree programs, refer to the applicable catalog. Please be aware that policies are subject to change. When such changes occur, students are advised by announcement and schedule updates, including updates on the LMU website and MyLMU.

Summary of Degrees and Programs

BACCALAUREATE DEGREES

Bachelor of Arts (BA)/Business Administration (BBA)/Bachelor of Fine Arts (BFA)/Bachelor of Science (BS)

MAJORS:
Accounting (BBA)
Art *(BA)
Athletic Training (BS)
Biology *(BS)
Business *(BA)
Chemistry *(BS)
Criminology and Criminal Justice (BS)
Conservation Biology (BS)
Creative Writing (BFA)
English *(BA)
Exercise Science (BS)
Finance (BBA)
Health (BS)
History *(BA)
Interdisciplinary Studies in
   Human Learning & Development *(BS)
Management (BBA)
Marketing (BBA)
Mathematics *(BS)
Media Communications (BA)
Medical Laboratory Science (BS)

Music (Vocal or Instrumental) (BA)
Music *(Vocal or Instrumental with K-12 Teacher Cert.) (BA)
Nursing (BS)
Organizational Learning & Leadership (BS)
Philosophy and Religion (BA)
Physical Education *(BS)
Political Science (BA)
Professional Golf Management (BBA)
Psychology (BS)
Small Business Management & Entrepreneurship (BBA)
Social Work (BS)
Special Education (BS)
Sport Management (BS)
Veterinary Health Science (BS)
Veterinary Medical Technology (BS)
Bachelor of Science in Nursing (BSN)
   RN to BSN Completion Program

MINORS:
Appalachian Studies
Art
Athletic Coaching
Biology
Chemistry
Conservation Biology
Criminology
English
Entrepreneurship
Environmental Science
Exercise Science
General Business
Geography
Health
History
Information Systems
Mathematics
Media Communications
Music
Philosophy and Religion
Political Science
Psychology
Strength and Conditioning
Theatre Arts

Note: adding a minor may entail exceeding the minimum 128 credit hours required for the degree.

ASSOCIATE DEGREES

Associate of Arts (AA)-General Studies
Associate of Business Administration (ABA)
Associate of Science (AS)-General Studies
Associate of Science (AS)-Veterinary Health Science
Associate of Science (AS)-Veterinary Medical Technology
Associate of Science (ASN)-Nursing

Basic Requirements for Undergraduate Degrees

All candidates for baccalaureate and associate degrees must fulfill the requirements indicated throughout the various sections of this catalog. The basic requirements are as follows:

1. Completing a minimum of 128 semester credit hours (unless stated otherwise under a given program) for the baccalaureate degree, comprised of courses in the major program, General Education Core Curriculum, and electives and/or minor program.

2. Completing a minimum of 65-75 semester credit hours (specific number depends on the program chosen) for the associate degree.

3. Completing the Associate or General Education Core Curriculum requirements appropriate to the degree.

4. Completing all course requirements of the declared
5. Completing the last 16 semester credit hours for the associate degree and the last 32 semester credit hours for the baccalaureate degree at Lincoln Memorial University.
6. Twenty-five percent (25%) of any undergraduate degree awarded by Lincoln Memorial University must be earned through instruction at LMU.
7. Completing, for the baccalaureate degree, a minimum of 42 semester credit hours of 300/400-level courses. Lower division courses will not equate to 300/400 level (upper division) courses.
8. Baccalaureate degree requires completion of the junior and the senior level writing requirements. Completion is noted on the transcript.
9. Achieving a minimum 2.0 cumulative grade point average (GPA) for all coursework and a 2.0 cumulative GPA for General Education Program courses.
10. 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.”
11. Obtaining official certification for graduation verified by the assigned academic advisor, chair of the appropriate academic department, and the University Registrar.
12. Participating in the commencement ceremony following the completion of all degree requirements.
13. 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 year 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 VPAA 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 Language and Literature, and the Dean of the Paul V. Hamilton School of Arts, Humanities, and Social Sciences.
E. International students whose native language is other than English may use the English for Academic Purposes courses (ELI 101 and ELI 102) to satisfy the language requirements.

Majors and Minors
The LMU major, minor, or concentration is defined as a coherent program of study comprised of the following semester credit hour allocations:
- Minor: 18-20 semester hours of coursework
- Concentration: 24-29 semester hours of coursework
- Major: 30-68 semester hours of coursework

The term “major” refers to a chosen primary field of study within a baccalaureate degree; the term “minor” refers to a chosen secondary field of study within a baccalaureate degree. As previously summarized, Lincoln Memorial University offers a large variety of major and minor programs. For details of those programs, see UNDERGRADUATE ACADEMIC PROGRAMS and COURSE DESCRIPTIONS.

Several major and minor programs, especially those interdisciplinary in nature, include courses found in academic departments other than that which houses the program.

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 faculty advisor before making such change. The student’s major and minor are noted on the student’s official academic transcript upon completion of the degree.

Restricted Programs

Athletic Training, Professional Education, Medical Laboratory Science, Nursing, Psychology, 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:

- ATTR (except 100, 102)
- PSYC (460, 498)
- EDUC (400-level)
- SOCW (340, 400 level)
- MEDT
- VHS
- NURS
- 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 do work toward and accomplish graduation 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 Lincoln Memorial University 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

Lincoln Memorial University recognizes that academic problems often interrelate with psychological, emotional, and social experiences of the student. Thus, a variety of programs, people, and services work together 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 Director of Counseling is available for students who may be 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.

Class Attendance

Students must comply with the class attendance policy as stated in the syllabus for each course. This requirement applies to all courses regardless of the delivery method, i.e., traditional, blended (hybrid), and online.

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. Lincoln Memorial University uses a plus/minus grading system for its undergraduate curriculum.

<table>
<thead>
<tr>
<th>Grade</th>
<th>Quality Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>4.0</td>
</tr>
<tr>
<td>A-</td>
<td>3.77</td>
</tr>
<tr>
<td>B+</td>
<td>3.33</td>
</tr>
<tr>
<td>B</td>
<td>3.0</td>
</tr>
<tr>
<td>B-</td>
<td>2.67</td>
</tr>
<tr>
<td>C+</td>
<td>2.33</td>
</tr>
</tbody>
</table>
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.
P   =  Passing. Given for credit hours but not for quality points. Not computed in grade-point average (GPA).
IP  =  In Progress. Work is progressing, but student must register again for the course the following semester or the next semester of attendance in order to complete the required work for the course. 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.
WD  =  Withdrew. Denotes official withdrawal from the course (see Change of Schedule and Official Withdrawal).

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 Lincoln Memorial University coursework and final grades
- Transfer credits, special credits (SC), and credits by examination (CE)
- Degree earned
- Date(s) degree requirements completed 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.

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. The University cannot transmit any transcripts electronically. The cost of each transcript is $4.00. The student’s account with the Student Accounts Office must be paid in full and Perkins student loans must be in a current non-defaulted status prior to the release of any official grades, academic transcripts, or access to WebAdvisor.

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 which 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
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 honors:

<table>
<thead>
<tr>
<th>Cumulative GPA</th>
<th>Honor</th>
</tr>
</thead>
<tbody>
<tr>
<td>3.50 through 3.74</td>
<td>cum laude</td>
</tr>
<tr>
<td>3.75 through 3.94</td>
<td>magna cum laude</td>
</tr>
<tr>
<td>3.95 through 4.00</td>
<td>summa cum laude</td>
</tr>
</tbody>
</table>

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

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.

**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 2016-2017, 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 which affect the grade or notation that will appear on the student’s academic transcript. See the Undergraduate Academic Calendar 2016-2017 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 “Withdrawn”).

**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 staff 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.

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. The Registrar uses the date the student communicates in writing their 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 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 (see Official Withdrawal).

Courses for which the student is registered will appear on the transcript with a notation of “WD.” The official date of WD will appear with courses. The notation of WD does not calculate in the GPA.

Any student who ceases attending classes before the end of the semester, mini-term, or summer term without completing the official withdrawal from the University, automatically receives the grade “F” for such course(s), so noted on the student’s academic transcript. Withdrawal from the University does not affect the cumulative GPA of the student if processed by the close of “last day to drop without ‘F’,” as announced in the Undergraduate Academic Calendar 2016-2017.

The financial 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 and meal fees are credited to the student’s account according to the refund schedule.
3. 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 from LMU or are 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.

Transfer Credits from Other Institutions

Lincoln Memorial University 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. Lincoln Memorial University 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 services:

World Education Services  Josef Silny & Associates
P. O. Box 745, Old Chelsea Station  7101 SW 102 Avenue
New York, NY 10113-0745  Miami, FL 33173
212.966.6311  305.273.1616
www.wes.org  www.jsilny.com

Educational Credential Evaluators, Inc.  International Education
PO Box 514070  Evaluations, Inc. (IEE) Milwaukee
WI 53203-3470 USA  7900 Matthews-Mint
414-289-3400  7101 SW 102 Avenue
www.ece.org  Milwaukee
www.ieel23.com

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 Lincoln Memorial University.

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 Tennessee or Kentucky 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 degree or an Associate of Science degree awarded after January 1, 2010, in a university parallel program (typically consisting of 41-48 semester credit hours of general education coursework in the liberal arts disciplines) from a Tennessee or Kentucky community college shall be deemed to have met LMU’s General Education Core, except for the mission specific courses LNCN 100 and LNCN 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 professional 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 Vice President for Academic Affairs.

Distance Education and Online Coursework
Lincoln Memorial University will offer selected online courses. Online courses scheduled with University faculty may be offered concurrently with traditional classroom courses. Also, some courses may be offered via teleconference.

Special Credit (SC) and Credit by Examination (CE)
In approved cases, Lincoln Memorial University 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. Lincoln Memorial University 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.

<table>
<thead>
<tr>
<th>AP Exam Title</th>
<th>Score</th>
<th>LMU Credit Awarded</th>
</tr>
</thead>
<tbody>
<tr>
<td>Art History</td>
<td>4</td>
<td>ART 381</td>
</tr>
<tr>
<td></td>
<td>5</td>
<td>ART 381, 382</td>
</tr>
<tr>
<td>Music Theory</td>
<td>3</td>
<td>MUSC 111</td>
</tr>
<tr>
<td></td>
<td>4-5</td>
<td>MUSC 111, 112</td>
</tr>
<tr>
<td>Studio Art: 2-D Design</td>
<td>3</td>
<td>ART elective</td>
</tr>
<tr>
<td></td>
<td>4-5</td>
<td>ART 105</td>
</tr>
<tr>
<td>Studio Art: 3-D Design</td>
<td>3</td>
<td>ART elective</td>
</tr>
<tr>
<td></td>
<td>4-5</td>
<td>ART 110</td>
</tr>
<tr>
<td>Studio Art: Drawing</td>
<td>3</td>
<td>ART elective</td>
</tr>
<tr>
<td></td>
<td>4-5</td>
<td>ART 110</td>
</tr>
<tr>
<td>English Lang. &amp; Comp.</td>
<td>4-5</td>
<td>ENGL 101</td>
</tr>
<tr>
<td>English Lit. &amp; Comp.</td>
<td>4-5</td>
<td>ENGL 102</td>
</tr>
<tr>
<td>Comp. Gov. and Politics</td>
<td>3-5</td>
<td>POLS 320</td>
</tr>
<tr>
<td>European History</td>
<td>3-5</td>
<td>HIST elective</td>
</tr>
</tbody>
</table>

2016-2017
Human Geography 4-5 GEOG 211
Macroeconomics 4-5 ECON 211
Microeconomics 4-5 ECON 212
Psychology 4-5 PSYC 100
U. S. Gov. & Politics 4-5 POLS 211
U. S. History 3 HIST 131
4-5 HIST 131, 132
World History 3 HIST 121
4-5 HIST 121, 122
Calculus AB 4-5 MATH 150
Calculus BC 3 MATH 150
4-5 MATH 150, 250
Statistics 4-5 MATH 270
Biology* 3 BIOL 111
4-5 BIOL 111, 112
Chemistry* 3 CHEM 111
4-5 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 FREN 111
4-5 FREN 111, 112
Spanish Lang. & Culture 3 SPAN 111
4-5 SPAN 111, 112
Spanish Lit. & Culture 3 SPAN 111
4-5 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 predetermined level, an examination from another student, assisting others to cheat, altering grade records, or illegally entering an office are instances of cheating.

1. **Cheating:** dishonesty of any kind on examinations or written assignments, unauthorized possession of examination questions, the use of unauthorized notes during an examination, obtaining information during an examination from another student, assisting others to cheat, altering grade records, or illegally entering an office are instances of cheating.

2. **Plagiarism:** offering the work of another as one’s own without proper acknowledgment is plagiarism; therefore any student who fails to give credit for quotations or essentially identical material taken from books, magazines, encyclopedias, web sources or other reference works, or from the themes, reports, or other writing of a fellow student has committed plagiarism.

Academic Integrity

It is the aim of the faculty of Lincoln Memorial University to foster a spirit of complete honesty and a high standard of academic integrity. The attempt to present as one’s own the work of others is regarded by the faculty and administration as a very serious offense and renders the offender liable to severe consequences and possible suspension.

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Academic Grievance Procedure

Grievances concerning any aspect of academics should first be taken to the instructor of the class, if a classroom situation is in dispute. If a student feels he/she needs to take the matter further, the chair of the department offering the course should be consulted no later than two weeks following the first day of classes for the next semester (including summer terms). The next appeal source is the Dean of the applicable school.

A final decision may be rendered by the Vice President for Academic Affairs. If the dispute involves an academic program, the academic advisor or the chair of the department should be consulted first. All academic and grade appeals must be submitted in writing.

Complaint Process

Undergraduate Programs

Lincoln Memorial University provides a number of avenues through which students can address issues of concern such as complaints and grievances. Students should express their concerns as quickly as possible through the appropriate channels. Students requiring assistance with these processes should 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 can address their complaints on the following topics by using information provided in the resources identified in parentheses:

- Grades (*Student Handbook*, page 39-41)
- Academic Issues (*Academic Catalogue*, page 30)
- Academic Appeals (*Academic Catalogue*, page 18)
- Non-Academic Appeals (*Student Handbook*, page 34)
- Financial Aid (*Student Handbook*, page 73; *Academic Catalogue*, page 18)
- Sexual Harassment / Sexual Assault / Dating or Relationship Violence (*Student Handbook*, page 54-55)
- Discriminatory Conduct (*Student Handbook*, page 56)

For more information, please contact the organization directly or contact the LMU financial aid office.

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• Student Code of Conduct (Student Handbook, page 47-49)
• Traffic Appeals (Student Handbook, page 68)
• Student Rights (Student Handbook, page 62-63)
• Athletics / NCAA Compliance (Athletic Handbook, page 10)
• Title IX (Student Handbook, page 56-57)
• ADA/504 (Student Handbook, page 27)

General Student Grievances
• All complaints should first be routed through the appropriate complaint/appeals process as outlined above.
• Depending on the nature of complaint, the matter should be brought to the attention of the office directly responsible for that area of the college or university.
• Complaints and appeals should be well-documented and move through the appropriate campus supervisory structure prior to appealing to any off-campus authority.

Off-Campus Authorities
All Locations
Complaints relating to quality of education or accreditation requirements shall be referred to the Southern Association of Colleges and Secondary Schools (SACS) (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 (http://www.tn.gov/consumer/).

For out-of-state students using distance learning programs, complaints related to consumer protection laws shall be filed using the Tennessee NC-SARA Portal form: http://tn.gov/assets/entities/thec/attachments/ComplaintForm.pdf

Corbin, Kentucky 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 commonwealth of Kentucky and shall be reviewed and handled by that licensing board (http://www.ky.gov, and then search for the appropriate division);

Complaints related to state consumer protection laws (e.g., laws related to fraud or false advertising) shall be referred to the Kentucky Office of the Attorney General and shall be reviewed and handled by that Office (http://ag.ky.gov).

Family Educational Rights and Privacy Act (FERPA)
The University complies with the provisions of the Family Educational Rights and Privacy Act, 1974, as amended. This law maintains that the institution will provide for the confidentiality of student education records (see FERPA Form).

No one outside the institution shall have access to nor will LMU disclose any information from students’ education records without the written consent of students except to personnel within the institution, to officials of other institutions in which students seek to enroll, to persons or organizations providing students financial aid, to accrediting agencies carrying out their accreditation function, to persons in compliance with a judicial order, and to persons in an emergency in order to protect the health or safety of students or other persons. All these exceptions are permitted under the Act.

At its discretion, LMU may provide directory information in accordance with the provision of the Act to include: student name, address, telephone number, major field of study, dates of attendance, degrees and awards received, the most recent previous educational agency or institution attended by the student, participation in officially recognized activities and sports, and weight and height of members of athletic teams. Currently enrolled students may withhold disclosure by writing to the attention of the Registrar.

Students may not inspect and review financial information submitted by their parents; confidential letters and recommendations associated with admissions, employment or job placement, or honors to which they have waived their rights of inspection and review; or education records containing information about more than one student, in which case LMU will permit access only to that part of the record which pertains to the inquiring student.

Lincoln Memorial University maintains a list of all persons, except other LMU officials, who have received a copy of the student’s education record. A copy of the LMU institutional policy on the release of education records is on file in the President’s Office and the Office of the Registrar.

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 Lincoln Memorial University.

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.
Title IX

About Title IX
Title IX protects individuals from discrimination based on sex or gender in educational settings.
LMU employs a Title IX Coordinator responsible for:
• Providing notification and education of Title IX rights and responsibilities.
• Consultation, investigation, and disposition of all inquiries and complaints of alleged discrimination, harassment and/or sexual misconduct.
• Providing victim services as necessary.
• Providing institutional monitoring and compliance assurance.
The Title IX Coordinator is assisted by Deputy Title IX Coordinators including: the Dean of Students and the Associate Dean of Students (for student issues), the Director of Human Resources (for employee issues) and the LMU Sexual Misconduct Response Team (SMRT).

Complaint or Reporting Procedures
Individuals who experience, witness or are otherwise informed that an incident of sexual misconduct has occurred should, with the victim’s permission, contact local law enforcement, LMU Campus Police, an LMU security officer, or a University official as soon as possible. Prompt reporting is important in order to preserve available evidence, to obtain necessary treatment and support for the victim, and to prevent further harm to others. If possible, a victim of sexual assault should not shower or change clothes before receiving medical treatment. Complaints of any kind of sexual misconduct will be investigated with regard for the confidentiality and protection of all persons involved in the case.
Complaints or reports should be directed to any of the following individuals:
• Troy Poore, Title IX Coordinator (423) 869-7103 or titleixcomplaints@LMUnet.edu
• Dr. Libby King, Director of Human Resources (employee- related matters) (423) 869-6358 or libby.king@LMUnet.edu
• Dr. Mary Ann Searle, Dean of Students (student -related matters) (423) 869-6849 or mary.searle@LMUnet.edu
• Elise Syoen, Associate Dean of Students (student- related matters) (423) 869-6433 or elise.syoen@LMUnet.edu
A person who believes they are a victim of sexual assault should notify the LMU Police Department (423) 869-6911 or the Claiborne County Sheriff (911). University personnel will arrange transportation to the emergency room for medical care and evidence collection. LMU employs a police officer certified in Advanced Domestic Violence, Child Abuse and Sexual Assault investigation.

Anonymous Reporting
An anonymous report form is located here: http://www.emailmeform.com/builder/form/WCcZ1kq83c48D6b0w721mhL.
The LMU Campus Police have established a confidential tip line through which individuals can share information anonymously. Telephone calls received on the tip line are recorded on a voice message system, but callers will not be identified unless the caller leaves his/her identifying or contact information in the recorded message.

Call:
LMU Tip Line: (423) 869-7159

Text:
Text your report to 50911, type keyword LMUtip, followed by your information.

Application for Graduation
Each candidate for graduation must make a formal application to the Registrar (complete Intent to Graduate form) 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 less credits are needed to graduate in May, a student may petition the Provost and 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.

Participation in the Commencement ceremony is a requirement for undergraduate degrees. Any request for exceptions must be communicated in writing and approved by the Provost and Vice President of Academic Affairs.

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 which 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.

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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 Lincoln Memorial University’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
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.

Special Topic, Independent Study, and Directed Study

These course numbers and titles do not appear among the course descriptions that follow, but are available under each prefix:
195, 295, 395, 495 - Special Topic
496 - Independent Study
496

A Special Topic course may be designed and offered by a member of the faculty. A syllabus of the Special Topic course must be approved by the chair of the appropriate academic department prior to the course offering. An Independent Study course may be designed by a student in conjunction with a supervising faculty member. A completed Independent Study Request Contract form, detailing the study requirements, materials, and evaluation procedures, must be approved by the faculty member, the chair of the academic department offering the course, and finally by the Dean of the applicable school prior to registration for the course. Special Topic and Independent Study courses are intended to enrich the regular course offerings and expand formal learning experiences for the student. A Directed Study course is available in a limited number of subject areas. A directed study is a regular LMU course offering taught to a student on an individual faculty/student basis, which must be approved by the faculty member, the chair of the academic department offering the course, and the Dean of the applicable school. In a directed study, the directing faculty member sets forth the objectives, requirements and guidelines for earning credit in a course in the Directed Study Contract. A directed study syllabus for each course stating established meeting times with a faculty member, examination, readings and a general outline of what is to be learned is provided. A directed study course may be denied if the course is available that same semester. Directed Study and Independent Study courses combined are limited to a maximum total of 12 semester credit hours.

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: Course that must be concurrently with another course.
- Recommended antecedent: 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

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 Honors Scholars program 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 may apply to be members of the Honors Scholars Program by February 1 each year. Criteria include: at least a 26 ACT composite score and a minimum 3.2 high school GPA.
Transfer and current students must have a minimum cumulative college GPA of 3.00, and, since the program requires six terms to complete, have earned no more than 30 hours of college credit. A face-to-face interview and a writing sample are required as part of the application process.

Program Design
This program is intended to function like a “minor” and will include special recognition at commencement and on the student’s transcript. Many honors courses will fulfill General Education or academic major requirements. Departmental and contract honors courses may fulfill the minimum required credit hours for recognition at graduation.
Honors students completing all of the required HNRS courses, Honors Thesis project, and at least 26 honors course credits will receive recognition as University Honors Scholars. Students completing 20 hours course credits total including HNRS 100 plus at least 3 HNRS credits at the 300 level or higher and at least 6 credits of department-specific honors courses will receive designation as Departmental Honors Scholars on their transcript.

The required honors courses are:

<table>
<thead>
<tr>
<th>Course</th>
<th>cr hrs</th>
</tr>
</thead>
<tbody>
<tr>
<td>HNRS 100 Honors Perspective and Skills</td>
<td>1</td>
</tr>
<tr>
<td>HNRS 200 Meaning and Service in a Diverse World</td>
<td>3</td>
</tr>
<tr>
<td>HNRS 303 Junior Honors Thesis Project</td>
<td>1-3</td>
</tr>
<tr>
<td>HNRS 403 Senior Honors Thesis Project</td>
<td>1-3</td>
</tr>
<tr>
<td>HNRS 497 Senior Honors Capstone</td>
<td>1</td>
</tr>
</tbody>
</table>

University Honors Scholars will also engage in scholarship under the mentorship of a faculty member. The new Honors student will be introduced to the culture and expectations of the Honors program along with strategies for college success in HNRS 100. The student will be introduced to the concepts, values, and processes of scholarly work in HNRS 200 and then continue with their specific scholarly project in HNRS 303 and HNRS 403. As a capstone experience, the scholarly work will be presented and defended in HNRS 497. The HNRS 497 course will also serve as the place for completing an institutional assessment of the program.

The Honors Council has policy and oversight responsibility for this academic program. The Honors Council is composed of representative faculty members and honors students. The Honors Council makes recommendations to the Vice President for Academic Affairs regarding criteria for honors courses and approves specific honors courses.

General Criteria for Honors Courses:
- Analysis
- Integration
- 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 which 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.
- Engages peer evaluation process of classroom observation, feedback, and reflection.
GENERAL EDUCATION CORE CURRICULUM

The faculty of Lincoln Memorial University (LMU) have created The Lincoln Liberal Arts Core Curriculum in order to help fulfill the mission of LMU by developing and fostering the following competencies in graduates of associate and baccalaureate degree programs.

Student learning outcomes for graduates of Baccalaureate degree programs:

- Students demonstrate a basic understanding of Abraham Lincoln’s life and legacy
- Students demonstrate understanding of American citizenship
- 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 are able to apply fundamental principles of aesthetic and cultural analysis to visual and performing arts
- Students demonstrate the ability to critically read, analyze, and synthesize historical evidence

Student learning outcomes for graduates of Associate degree programs:

- 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

*Humanities is defined as the study of human societies, social environment and culture; past and present. That is, the study of how societies have organized their world given existent conditions and considerations, including how and why groups of people have settled, organized, developed economies and created ways of living within codes of laws and belief systems.

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 those 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. The same course cannot be used to meet two different General Education requirements.

Associate of Arts (AA)

Degree Requirements

These requirements are applicable to a general AA degree and do not apply to other associate degree programs. Elective courses in this degree plan may be used to complete collateral requirements for a bachelor’s degree program or to create a more cohesive area of study in an academic discipline with the help of an academic advisor. A maximum of 15 transfer credits may be applied to an Associate degree earned at LMU. The last 30 credits of an Associate degree must be earned at LMU.

Course cr hrs
UACT 100 2*
LNCN 100 1
ENGL 101, 102 6
COMM 200 3
Fine Arts Elective 3
Humanities, Fine Arts or Ethics Elective 3
Social Sciences Elective 3
Degree Requirements

These requirements are applicable to a general A.S. degree and do not apply to other associate degree programs. Elective courses in this degree plan may be used to complete collateral requirements for a bachelor’s degree program, or to create a more cohesive area of study in an academic discipline with the help of an academic advisor. A maximum of 15 transfer credits may be applied to an Associate degree earned at LMU. The last 30 credits of an Associate degree must be earned at LMU.

**Course** | **cr hrs**
--- | ---
UACT 100 | 2**
LNCN 100 | 1
ENGL 101, 102 | 6
COMM 200 | 3
Fine Arts Elective | 3
Social Sciences Elective | 3
History Sequence (HIST 121/122 or 131/132) | 6
Mathematics Elective (MATH 105 or higher) | 3
Mathematics or Social Sciences Elective | 3
Natural Science electives | 8
Computer Literacy (ISYS 100 or EDUC 210) | 2(3)
General Electives | 22

Total credit hours for degree 60

**Fine Arts Electives**

ART 100 | Art Appreciation
ART 381 | Survey of Art History I
ART 382 | Survey of Art History II
MUSC 100 | Music Appreciation
MUSC 468 | Survey of World Music
THEA 100 | Introduction to Theatre
THEA 340 | Survey of Dramatic Literature

**Social Sciences Electives**

BSCI 100 | Human Potential
211 | Principles of Macroeconomics
212 | Principles of Microeconomics
100 | Introduction to Geography
110 | World Regional Geography
GEOG 211 | Introduction to Human Geography
GEOG 300 | Environmental Geography

**American Government: National**
POLS 240 | Introduction to Political Ideas
POLS 250 | Introduction to International Relations
PSYC 100 | Introduction to Psychology
PSYC 221 | Child and Adolescent Development
PSYC 222 | Adult Development

**SOCI 100 | Introduction to Sociology**
SOCI 330 | Cultural Diversity

**Mathematics Electives**

(See MATHEMATICS PLACEMENT below)
MATH 110 | Reasoning and Problem Solving
MATH 115 | College Algebra
MATH 120 | Trigonometry
MATH 150 | Differential Calculus
MATH 270 | Probability and Statistics

**Natural Sciences Electives**

BIOL 100 | Introduction to Biology
BIOL 111 | General Biology I
BIOL 230 | Microbiology
BIOL 261 | Human Anatomy and Physiology I
BIOL 262 | Human Anatomy and Physiology II
CHEM 100 | Introduction to Chemistry
CHEM 111 | General Chemistry I
ENVS 100 | Introduction to Environmental Science
GEOG 120 | Introduction to Physical Geography: Planet Earth
GEOL 100 | Introduction to Physical Geology
PHYS 100 | Introduction to Physics
PHYS 211 | General Physics I
SCI 100 | Introduction to Earth Science

**Core Curriculum Requirements for ASN or VMT Associate Degree Programs:**

**I. LMU Specific Courses** 3 cr hrs
UACT 100 | Strategies for College Success* 2
LNCN 100 | Lincoln’s Life and Legacy 1

**II. Communication** 6 cr hrs
COMM 200 | Fundamentals of Speech Communication 3
ENGL 101 | Composition I 3

**III. Ethics, Fine Arts, History, or Humanities** 3 cr hrs
Choose one course from the following:
ART 100 | Art Appreciation
ART 381 | Survey of Art History I
ART 382 | Survey of Art History II
BUSN 250 | Business Ethics and Social Responsibility

ENGL 102 | Composition II
HIST 121 | World History to 1500
HIST 122 | World History since 1500
HIST 131 | American History to 1877
HIST 132 | American History since 1877
MCOM 410 | Media Law and Ethics
MUSC 100 | Music Appreciation
MUSC 468 | Survey of World Music
PHIL 100 | The Meaning of Life
PHIL 200 | Introduction to Philosophy

*Lincoln Memorial University requires all first-time freshmen students with less than 15 credits of college credit to complete UACT 100. This credit does not include AP, CLEP, or Dual-enrollment credit.
PHIL 420  Ethics  
PHIL 430  Medical Ethics  
REL 210  Survey of the Old Testament  
REL 220  Survey of the New Testament  
REL 310  Comparative World Religions  
REL 315  Comparative Christianity  
THEA 100  Introduction to Theatre

IV. Behavioral/Social Sciences  3 cr hrs
Choose one course from the following:
BSCI 100  Human Potential  
CRIM 105  Introduction to Criminal Justice  
ECON 211  Principles of Macroeconomics  
ECON 212  Principles of Microeconomics  
GEOG 100  Introduction to Geography  
GEOG 110  World Regional Geography  
GEOG 211  Introduction to Human Geography  
GEOG 300  Environmental Geography  
POLS 211  American Government: National  
POLS 240  Introduction to Political Ideas  
POLS 250  Introduction to International Relations  
PSYC 100  Introduction to Psychology  
PSYC 221  Child and Adolescent Development  
PSYC 222  Adult Development  
SOCI 100  Introduction to Sociology  
SOCI 330  Cultural Diversity

V. Mathematics  3 cr hrs
Choose one course from the following:
(MATHEMATICS PLACEMENT page 38)  
MATH 105  Transitional College Mathematics  
MATH 110  Reasoning and Problem Solving  
MATH 115  College Algebra  
MATH 120  Trigonometry  
MATH 150  Calculus I  
MATH 270  Probability and Statistics

VI. Natural Sciences  4 cr hrs
Choose one course from the following:
BIOL 100  Introduction to Biology  
BIOL 111  General Biology I  
BIOL 230  Microbiology  
BIOL 261  Human Anatomy and Physiology I  
BIOL 262  Human Anatomy and Physiology II  
CHEM 100  Introduction to Chemistry  
CHEM 111  General Chemistry I  
ENVS 100  Introduction to Environmental Science  
GEOG 120  Introduction to Physical Geography: Planet Earth  
GEOL 100  Introduction to Geology  
PHYS 100  Introduction to Physics  
PHYS 211  General Physics I  
SCI 100  Introduction to Earth Science

Note: Lincoln Memorial University requires all students to demonstrate computer proficiency by either credit by exam or by taking ISYS 100; BUSN 260 or EDUC 210 (2-3 Credit Hours).

*Lincoln Memorial University requires all first-time freshmen students with less than 15 credits of college credit to complete UACT 100. This credit does not include AP, CLEP, or Dual-enrollment credit.

Total Associate Degree General Education Credit Hours 22-23

Associate of Science (ASN or VMT)
Program-specific general education course requirements:
1PSYC 221  counts concurrently toward LMU’s social science general education requirement and a nursing licensure requirement. 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 221 as a nursing licensure requirement.
1BIOL 230, 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.
2BIOL 230  is the required course for the Veterinary Medical Technology Associate of Science degree.

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

Core Curriculum Requirements for
Baccalaureate Degree Programs:

I. LMU Specific Courses  4 cr hrs
UACT 100  Strategies for College Success*  2

Click to view LNCN Course Descriptions.
LNCN 100  Lincoln’s Life and Legacy  1
LNCN 300  American Citizenship and Civic Life  1

II. Communication  9 cr hrs
COMM 200  Fundamentals of Speech Communication  3
ENGL 101  Composition I  3
ENGL 102  Composition II  3

III. Fine Arts, Humanities and Ethics  9 cr hrs
Choose one of the following:  3
ENGL 240  Literary Forms  
ENGL 250  Literary History and Culture  
ENGL 260  Literary Themes

Fine Arts - Choose one of the following:  3
ART 100  Art Appreciation  
ART 381  Survey of Art History I  
ART 382  Survey of Art History II  
MUSC 100  Music Appreciation  
MUSC 468  Survey of World Music  
THEA 100  Introduction to Theatre

2016-2017
THEA 340 Survey of Dramatic Literature
Fine Arts, Humanities and Ethics
Choose one of the following: 3
ART 100 Art Appreciation
ART 381 Survey of Art History I
ART 382 Survey of Art History II
MUSC 100 Music Appreciation
MUSC 468 Survey of World Music
MCOM 410 Media Law and Ethics
THEA 100 Introduction to Theatre
THEA 340 Survey of Dramatic Literature
BUSN 250 Business Ethics and Social Responsibility
GEOG 350 Geography of Religion
HNRS 200 Meaning and Service in a Diverse World
PHIL 100 The Meaning of Life
PHIL 200 Introduction of Philosophy
PHIL 420 Ethics
PHIL 430 Medical Ethics
REL 210 Survey of the Old Testament
REL 220 Survey of the New Testament
REL 310 Comparative World Religions
REL 315 Comparative Christianity

IV. Behavioral/Social Sciences 6 cr hrs
Choose two of the following:
BSCI 100 Human Potential
CRIM 105 Introduction to Criminal Justice
ECON 211 Principles of Macroeconomics
ECON 212 Principles of Microeconomics
GEOG 100 Introduction to Geography
GEOG 110 World Regional Geography
GEOG 211 Introduction to Human Geography
GEOG 300 Environmental Geography
POLS 211 American Government: National
POLS 240 Introduction to Political Ideas
POLS 250 Introduction to International Relations
PSYC 100 Introduction to Psychology
PSYC 221 Child and Adolescent Development
PSYC 222 Adult Development
SOCI 100 Introduction to Sociology
SOCI 330 Cultural Diversity

V. History 6 cr hrs
Click to view HIST Course Descriptions.
Choose a sequence from the following:
HIST 121 World History to 1500 3
HIST 122 World History since to 1500 3
or
HIST 131 American History to 1870 3
HIST 132 American History since 1870 3

VI. Mathematics 3 cr hrs
(see Mathematics Placement)
Choose one of the following:
Click to view MATH Course Descriptions.
MATH 110 Reasoning and Problem Solving
MATH 115 College Algebra
MATH 120 Trigonometry
MATH 150 Differential Calculus
MATH 270 Probability and Statistics

VII. Natural/Physical Sciences
(Select A&B or Select C)

A. Life Sciences 4 cr hrs
Choose one of the following:
BIOL 100 Introduction to Biology
BIOL 111 General Biology I
BIOL 230 Microbiology
BIOL 261 Human Anatomy and Physiology I
BIOL 262 Human Anatomy and Physiology II
ENVS 100 Introduction to Environmental Science

B. Physical Sciences 4 cr hrs
Choose one of the following:
CHEM 100 Introduction to Chemistry
CHEM 111 General Chemistry I
GEOG 120 Introduction to Physical Geography: Planet Earth
GEOL 100 Introduction to Physical Geology
PHYS 100 Introduction to Physics
PHYS 211 General Physics I
SCI 100 Introduction to Earth Science

C. Life/Physical Sciences 8 cr hrs
Choose one sequence from the following:
BIOL 111-112 General Biology I, II
BIOL 261-262 Human Anatomy & Physiology I, II
CHEM 111-112 General Chemistry I, II
PHYS 211-212 General Physics I, II
Note: Lincoln Memorial University requires all student to demonstrate computer proficiency by either credit, by exam, or by taking ISYS 100; or EDUC 210 (2-3 Credit Hours).

*Lincoln Memorial University requires all first-time freshmen students with less than 15 credits of college credit to complete UACT 100. This credit does not include AP, CLEP, or Dual-enrollment credit.

Total Baccalaureate General Education Credit Hours 45-46
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 or 110 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; ENGL 260 Literary Themes**
- Students who have successfully completed ENGL 102 or 210 with a grade of “C-” or higher may enroll in ENGL 240, 250, or 260.
- Students who have successfully completed two (2) dual enrollment composition courses with a grade of “C-” or higher may enroll in ENGL 240, 250, or 260.
- Students scoring 4 or higher on the AP English Literature and Composition exam may enroll in ENGL 240, 250, or 260.

**Foreign Language Requirement**
*(for Bachelor of Arts (BA) Degree)*
Six (6) hours of LMU credit in Spanish or French 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 a CLEP score of at least 50 on the French Language exam (valued at six (6) hours of credit).

Mathematics Placement

Any student with a *Math* ACT of less than 19 or SAT of less than 520 must pass MATH 099 before continuing in MATH 105.

<table>
<thead>
<tr>
<th>Student with a Math score of at least</th>
<th>May enroll in MATH</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACT 19 or SAT 530</td>
<td>105 (or below)</td>
</tr>
<tr>
<td>ACT 21 or SAT 570</td>
<td>115, 110, or below</td>
</tr>
<tr>
<td>ACT 23 or SAT 600</td>
<td>120 or below</td>
</tr>
<tr>
<td>ACT 26 or SAT 670</td>
<td>150* or below</td>
</tr>
</tbody>
</table>

*Any student with an AP Calculus BC 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.
ALLIED HEALTH SCIENCES

Mission Statement
The School of Allied Health Sciences is committed to providing a values-based quality educational experience for skilled, entry-level health professionals in athletic training, medical laboratory science, and veterinary medical technology. Our graduates will be eligible for licensure, certification, and advanced education. They are aptly prepared to enter the health professions workforce.

The school strives to fulfill the principles of Abraham Lincoln’s life through one school, one health, and one community.

Please be aware that in certain academic programs requiring internship or placement, a criminal background check, or another drug screen, may be required by affiliate agencies and organizations. If required, these tests would be at the student’s expense.

ATHLETIC TRAINING PROGRAM

The Athletic Training Program (ATP) is designed to provide athletic training students (ATS) with the unique opportunity to gain real world practical experience in athletic training very early in the student's career. Under the direct supervision of a preceptor, the ATS utilizes knowledge and skills learned in the classroom to become an integral member of the Sports Medicine Team at Lincoln Memorial University (LMU). Through partnerships with the LMU Intercollegiate Athletics Department and area high schools ATS utilize service learning opportunities to gain valuable exposure to the athletic training profession.

Mission Statement
The athletic training program reflects the mission and academic integrity of Lincoln Memorial University.

The commitment of the faculty of the ATP to the athletic training student is based on the belief that graduates must be able to communicate clearly and effectively while providing ideal health care to student athletes. The athletic training program challenges and prepares each student to make appropriate decisions and important judgments regarding sudden injury and life threatening situations. Through diverse educational and research experiences, it is our mission to provide students with the knowledge, skills, and values that an entry-level athletic trainer must possess.

Upon completion of the Athletic Training Program at LMU, each graduate should be well prepared to sit for the Board of Certification (BOC) national certification exam. LMU, each graduate should be well prepared to sit for the Board of Certification (BOC) national certification exam. Upon completion of the ATP application packet (available at www.lmunet.edu), the Admissions Committee reviews and evaluates all completed application forms and chooses, if necessary, to conduct formal interviews. Admission is competitive and students with the strongest applications will be given priority. The Admissions Committee has the ability to recommend unconditional admission, conditional admission, or denial of admission status for each application reviewed.

Selective Admission
Lincoln Memorial University is committed to recruiting and preparing quality candidates for entry-level positions in athletic training. Admission criteria listed are requirements that must be met before admission is granted. Meeting these minimum standards will not guarantee admission to the athletic training program.

Admission to Lincoln Memorial University does not guarantee admission to the Athletic Training Program.

The Admissions Committee, composed of faculty and staff, will recommend admission for those students who demonstrate the highest potential for becoming an athletic trainer. Students applying to LMU ATP are encouraged to present evidence of meeting or exceeding the application requirements.

The University and Athletic Training Program reserve the right to make programmatic changes. These changes may result from University policy decisions or governing agency decisions.

Admission Prerequisites
A complete admission application to the LMU ATP will include:

1) Completion of the following courses, or their equivalent, with a “B-” or better: ATTR 100 (Foundations in Athletic Training or equivalent), ATTR 102 (Clinical Introduction to Athletic Training or equivalent), ATTR 170 (Musculoskeletal Anatomy or equivalent), and ATTR 170L (Musculoskeletal Anatomy Lab or equivalent)

2) A cumulative GPA of 2.5 or higher.

3) Completion of ATP application packet (available at www.lmunet.edu)

Admissions Procedures
The Admissions Committee reviews and evaluates all completed application forms and chooses, if necessary, to conduct formal interviews. Admission is competitive and students with the strongest applications will be given priority for program admittance. The Admissions Committee has the ability to recommend unconditional admission, conditional admission, or denial of admission status for each application reviewed.
ATP Technical Standards

The ATP at LMU is a physically and mentally demanding program. These technical standards serve to recognize the abilities essential in successfully completing the ATP. The following standards are required for admission. The inability to meet these technical standards, with or without reasonable accommodation, will result in the student not being admitted to the ATP.

Compliance with these standards does not guarantee a student's eligibility for the BOC exam.

Candidates for selection to the Athletic Training Program must demonstrate:

1) The mental capacity to assimilate, analyze, synthesize, and integrate concepts and problem solve to formulate assessment and therapeutic judgments and to be able to distinguish deviations from the norm;
2) Sufficient postural and neuromuscular control, sensory function, and coordination to perform appropriate physical examinations using accepted techniques; and accurately, safely and efficiently use equipment and materials during the assessment and treatment of patients;
3) The ability to communicate effectively and sensitively with patients and colleagues, including individuals from different cultural and social backgrounds; this includes, but is not limited to, the ability to establish rapport with patients and communicate judgments and treatment information effectively. Students must be able to understand and speak the English language at a level consistent with competent professional practice;
4) The ability to record the physical examination results and a treatment plan clearly and accurately;
5) The capacity to maintain composure and continue to function well during periods of high stress;
6) The perseverance, diligence and commitment to complete the athletic training program as outlined and sequenced;
7) Flexibility and the ability to adjust to changing situations and uncertainty in clinical situations;
8) Affective skills and appropriate demeanor and rapport that relate to professional education and quality patient care.

The following is a list of physical, cognitive, psychomotor, and affective variables that may impact essential work-related functions of the entry-level athletic trainer. These areas are representative of the curricula presentation and may relate to performance outcomes specific to didactic, laboratory, and clinical education in Athletic Training.

Visual Acuity
- Ability to see all colors of the spectrum
- Ability to distinguish calibrated markers
- Ability to identify digital displays and controls in differing lighted environments
- Ability to determine the depth of instrument placement
- Ability to read small print on medical instrumentation or containers

Hearing Acuity
- Ability to hear alarms, beepers, and pages
- Ability to hear and respond to verbal communication in the work setting
- Ability to distinguish different alarm sounds/tones on medical devices

Physical Acuity
- Ability to perform all ranges of body motions including walking, bending, stretching, reaching, and twisting of the upper and lower back.
- Ability to lift 35 pounds (weight of small child or small equipment) alone
- Ability to stand and/or sit for long periods of time
- Ability to perform CPR; use of hands for manually compressing resuscitation equipment, and the use of hands and body for performing chest compressions
- Ability to write legible for required documentation
- Ability to move swiftly when the situation demands

Communication
- Ability to communicate with physicians, coaches, co-workers, other health care workers, the athlete and the athlete’s family

Mental Stress
- Ability to function appropriately under stress without hesitations using all knowledge and skills required to perform the task at hand
- Ability to work long hours (8 to 12 hours), adapting to changes in the clinical schedule and/or emergency situations
- Ability to function as a team member and to follow the appropriate administrative protocol and/or chain of command
- Ability to review and use student-athlete data in a confidential and professional manner
- Ability to make quick, lifesaving decisions

Clinical Behavior Requirements
- Must be patient, kind, and tactful in dealing with athletes and their families
- Must understand that all information obtained in the clinical facilities is strictly confidential and it is not to be discussed outside the training room. Must attend clinical experiences as required
**Athletic Training (BS)**

Completion of the General Education Core Curriculum and 74-hour major listed below. Successful completion of both BIOL 261: Human Anatomy and Physiology I and BIOL 262: Human Anatomy and Physiology II in conjunction with the associated laboratory courses are ATP requirements.

### Course Description

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>cr hrs</th>
</tr>
</thead>
<tbody>
<tr>
<td>ATTR 100</td>
<td>Foundations in Athletic Training</td>
<td>2</td>
</tr>
<tr>
<td>ATTR 102</td>
<td>Clinical Introduction to Athletic Training</td>
<td>1</td>
</tr>
<tr>
<td>ATTR 170</td>
<td>Musculoskeletal Anatomy</td>
<td>3</td>
</tr>
<tr>
<td>ATTR 170L</td>
<td>Musculoskeletal Anatomy Lab</td>
<td>1</td>
</tr>
<tr>
<td>ATTR 224</td>
<td>Preventative Techniques in Athletic Training</td>
<td>2</td>
</tr>
<tr>
<td>ATTR 226</td>
<td>Sports Emergency Care</td>
<td>2</td>
</tr>
<tr>
<td>ATTR 227</td>
<td>Sports Emergency Care for the Athletic Trainer I</td>
<td>2</td>
</tr>
<tr>
<td>ATTR 255</td>
<td>Evidence Based Practice</td>
<td>2</td>
</tr>
<tr>
<td>ATTR 281</td>
<td>Practicum I in AT</td>
<td>2</td>
</tr>
<tr>
<td>ATTR 282</td>
<td>Practicum II in AT</td>
<td>2</td>
</tr>
<tr>
<td>ATTR 296</td>
<td>Evaluation I: Upper Extremity</td>
<td>3</td>
</tr>
<tr>
<td>ATTR 296L</td>
<td>Evaluation I: Upper Extremity Lab</td>
<td>1</td>
</tr>
<tr>
<td>ATTR 297</td>
<td>Evaluation I: Lower Extremity</td>
<td>3</td>
</tr>
<tr>
<td>ATTR 297L</td>
<td>Evaluation I: Lower Extremity II Lab</td>
<td>1</td>
</tr>
<tr>
<td>ATTR 298</td>
<td>Evaluation II: The Axial Skeleton III</td>
<td>3</td>
</tr>
<tr>
<td>ATTR 298L</td>
<td>Evaluation II: The Axial Skeleton III Lab</td>
<td>1</td>
</tr>
<tr>
<td>ATTR 300</td>
<td>Psychosocial and Cultural Considerations In Exercise</td>
<td>2</td>
</tr>
<tr>
<td>ATTR 311</td>
<td>Therapeutic Modalities in Athletic Training I</td>
<td>2</td>
</tr>
<tr>
<td>ATTR 311L</td>
<td>Therapeutic Modalities in Athletic Training I Lab</td>
<td>1</td>
</tr>
<tr>
<td>ATTR 312</td>
<td>Therapeutic Modalities in Athletic Training II</td>
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<tr>
<td>ATTR 312L</td>
<td>Therapeutic Modalities in Athletic Training II Lab</td>
<td>1</td>
</tr>
<tr>
<td>ATTR 371</td>
<td>Rehabilitation of Athletic Injuries I</td>
<td>2</td>
</tr>
<tr>
<td>ATTR 371L</td>
<td>Rehabilitation of Athletic Injuries I Lab</td>
<td>1</td>
</tr>
<tr>
<td>ATTR 372</td>
<td>Rehabilitation of Athletic Injuries II</td>
<td>2</td>
</tr>
<tr>
<td>ATTR 372L</td>
<td>Rehabilitation of Athletic Injuries II Lab</td>
<td>1</td>
</tr>
<tr>
<td>ATTR 375</td>
<td>Administration of Athletic Training</td>
<td>3</td>
</tr>
<tr>
<td>ATTR 381</td>
<td>Practicum III in AT</td>
<td>2</td>
</tr>
<tr>
<td>ATTR 382</td>
<td>Practicum IV in AT</td>
<td>2</td>
</tr>
<tr>
<td>ATTR 405</td>
<td>Fitness and Conditioning for AT</td>
<td>2</td>
</tr>
<tr>
<td>ATTR 405L</td>
<td>Fitness and Conditioning for AT Lab</td>
<td>1</td>
</tr>
<tr>
<td>ATTR 471</td>
<td>Medical Considerations in Sports Medicine I</td>
<td>2</td>
</tr>
<tr>
<td>ATTR 472</td>
<td>Medical Considerations in Sports Medicine II</td>
<td>2</td>
</tr>
<tr>
<td>ATTR 481</td>
<td>Practicum V in AT</td>
<td>2</td>
</tr>
<tr>
<td>ATTR 482</td>
<td>Practicum VI in AT</td>
<td>2</td>
</tr>
<tr>
<td>ATTR 491</td>
<td>Senior Seminar in Athletic Training I</td>
<td>2</td>
</tr>
<tr>
<td>ATTR 492</td>
<td>Senior Seminar in Athletic Training II</td>
<td>2</td>
</tr>
<tr>
<td>ATTR 494</td>
<td>Osteopathic Techniques for the AT</td>
<td>1</td>
</tr>
<tr>
<td>PEXS 300</td>
<td>Physiology of Exercise</td>
<td>3</td>
</tr>
<tr>
<td>PEXS 372</td>
<td>Kinesiology and Biomechanics</td>
<td>3</td>
</tr>
</tbody>
</table>

**Total 74**

### Advancement Policy

- Once admitted to the AT Program, the student must maintain academic success in all clinical and didactic courses in order to progress to the next semester.
- For any given semester, a grade average of 2.67 or “B-” or better must be maintained in the ATP required courses.
- Practicum courses are the culmination of all the skills learned in previous semester didactic courses. As a result, students are expected to be 100% successful in these courses. A student who is unsuccessful in a clinical course will not be allowed to progress in the ATP Program and must be successful in the practicum course the next time the course is offered. Any student unsuccessful in a practicum class will delay their graduation date.
- If a student makes a grade of “C” or “D” in any ATP required course, the course must be repeated and passed with a grade of 80% (“B-“) or better.
- The ATP Program will place any ATS having an unsuccessful attempt at an ATTR/PEXS course on Programmatic At Risk Status (PARS).
- The athletic training student will be required to be successful the next time the course is offered. The ATP considers each course to be independent. Any student unsuccessfully attempting a didactic course will not affect the requirements of a practicum course. As a result, proficiencies required in a practicum course will not change as a result of the unsuccessful attempt in a didactic course.
- While on Programmatic At Risk Status, students are required to earn a grade of “B-” or better in each ATP required course.
- In order to help the student be successful, a remediation plan will be created and may include additional supervised interaction. In order to address any clinical deficiencies, resulting from the unsuccessful attempt the student will meet with the Course Instructor and create a Remediation Plan.
- Failure to successfully pass all ATP required course will result in the student being dismissed from the ATP.
- Further, any student failing to earn a minimum grade of “B-” in any ATP may be disqualified from taking selected ATP courses, such as ATTR 371, 371L, 372, 372L, 375, 381, 382, 405, 405L, 471, 472, 481, 482, 491, 492, and/or 494. The ATP faculty will determine the continued enrollment of a student in these courses.
- Over the sequence of the ATP, only two ATP courses may be repeated and each course can on be repeated once. If at any point the student is unsuccessful in a third athletic training required course the student will be automatically dismissed from the ATP.
- Students should understand that repeating any courses may delay expected graduation dates as certain ATP courses may only be offered once during the school year.
- If a student fails (F) any ATP course, they will be automatically dismissed from the ATP.
Graduation Policy
For graduation from the ATP, an average of 2.67 or B- at LMU must be maintained in the ATP, with an overall grade point average of 2.67 in the bachelor of science (if applicable) concentration courses.

Minor Programs
LMU offers several minors. Athletic Training students may select any minor offered at LMU, realizing this may affect the progression through the ATP. Details of the minors are available in the various sections of the Catalog.

DEPARTMENT OF HEALTH, PHYSICAL EDUCATION AND EXERCISE SCIENCE

Mission Statement
The Health, Physical Education and Exercise Science Program 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 teacher education and kinesiology. The program strives to give educational and research opportunities available to students.

The Health, Physical Education and Exercise Science program presents the concepts of physical education, physiology and biomechanics, and students get hands-on experience using the latest technology for studying and enhancing human performance. Kindergarten through 12th grade teacher preparation is also emphasized (see qualifications for admission criteria located in Education) with hands-on learning about the methods, philosophies, and latest research in teaching. Students are required to earn a grade of “C” or better in all courses applied to the major program.

Major Programs

Exercise Science (BS)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>cr hrs</th>
</tr>
</thead>
<tbody>
<tr>
<td>HLTH 120</td>
<td>Safety, First Aid and CPR</td>
<td>2</td>
</tr>
<tr>
<td>HLTH 210</td>
<td>Nutrition</td>
<td>3</td>
</tr>
<tr>
<td>HLTH 425</td>
<td>Sport and Exercise Nutrition</td>
<td>3</td>
</tr>
<tr>
<td>PEXS 200</td>
<td>Foundations of Physical Education, Sport &amp; Fitness</td>
<td>2</td>
</tr>
<tr>
<td>PEXS 265</td>
<td>Injury Prevention &amp; Emergency Management</td>
<td>3</td>
</tr>
<tr>
<td>PEXS 271</td>
<td>Anatomy &amp; Physiology for HPEES</td>
<td>3</td>
</tr>
<tr>
<td>PEXS 275</td>
<td>Technology for HPEES</td>
<td>2</td>
</tr>
<tr>
<td>PEXS 300</td>
<td>Exercise Physiology</td>
<td>3</td>
</tr>
<tr>
<td>PEXS 310</td>
<td>Measurement &amp; Evaluation for HPEES</td>
<td>3</td>
</tr>
<tr>
<td>PEXS 344</td>
<td>Human Learning &amp; Psychomotor Development</td>
<td>3</td>
</tr>
<tr>
<td>PEXS 350</td>
<td>Sport and Exercise Psychology</td>
<td>3</td>
</tr>
<tr>
<td>PEXS 372</td>
<td>Kinesiology &amp; Biomechanics</td>
<td>3</td>
</tr>
<tr>
<td>PEXS 400</td>
<td>Exercise Physiology II</td>
<td>3</td>
</tr>
<tr>
<td>PEXS 430</td>
<td>Organization and Administration</td>
<td>3</td>
</tr>
<tr>
<td>PEXS 435</td>
<td>Exercise Prescription3</td>
<td>3</td>
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<tr>
<td>PEXS 485</td>
<td>Research Methods</td>
<td>3</td>
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<tr>
<td>PEXS 493A</td>
<td>Practicum in Exercise Science</td>
<td>1,2,3</td>
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<tr>
<td></td>
<td>Total</td>
<td>46-48</td>
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</table>

Physical Education (BS)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>cr hrs</th>
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</thead>
<tbody>
<tr>
<td>HLTH 120</td>
<td>First Aid and CPR</td>
<td>2</td>
</tr>
<tr>
<td>HLTH 340</td>
<td>School Health Programs and Services</td>
<td>3</td>
</tr>
<tr>
<td>HLTH 360</td>
<td>Drug Awareness</td>
<td>3</td>
</tr>
<tr>
<td>PEXS 200</td>
<td>Foundations of Physical Education, Sport &amp; Fitness</td>
<td>2</td>
</tr>
<tr>
<td>PEXS 265</td>
<td>Injury Prevention &amp; Emergency Management</td>
<td>3</td>
</tr>
<tr>
<td>PEXS 271</td>
<td>Anatomy &amp; Physiology for HPEES</td>
<td>3</td>
</tr>
<tr>
<td>PEXS 275</td>
<td>Technology for HPEES</td>
<td>2</td>
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<tr>
<td>PEXS 300</td>
<td>Exercise Physiology</td>
<td>3</td>
</tr>
<tr>
<td>PEXS 310</td>
<td>Measurement &amp; Evaluation for HPEES</td>
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</tr>
<tr>
<td>PEXS 344</td>
<td>Human Learning &amp; Psychomotor Development</td>
<td>3</td>
</tr>
<tr>
<td>PEXS 360</td>
<td>Games and Dance</td>
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<tr>
<td>PEXS 372</td>
<td>Kinesiology &amp; Biomechanics</td>
<td>3</td>
</tr>
<tr>
<td>PEXS 430</td>
<td>Organization and Administration</td>
<td>3</td>
</tr>
<tr>
<td>PEXS 440</td>
<td>K-12 Curriculum &amp; Methods in Physical Education</td>
<td>3</td>
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<tr>
<td>HLTH 493</td>
<td>Practicum in Health</td>
<td>1,2,3</td>
</tr>
<tr>
<td>PEXS 271</td>
<td>Anatomy &amp; Physiology for HPEES</td>
<td>3</td>
</tr>
<tr>
<td>PEXS 275</td>
<td>Technology for HPEES</td>
<td>2</td>
</tr>
<tr>
<td>PEXS 310</td>
<td>Measurement &amp; Evaluation for HPEES</td>
<td>3</td>
</tr>
<tr>
<td>PEXS 344</td>
<td>Human Learning &amp; Psychomotor Development</td>
<td>3</td>
</tr>
<tr>
<td>PEXS 430</td>
<td>Organization and Administration</td>
<td>3</td>
</tr>
<tr>
<td>PEXS 485</td>
<td>Research Methods</td>
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<tr>
<td></td>
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</tr>
</tbody>
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Note: Students preparing for teacher licensure in Physical Education should also consult the School of Education.

Health (BS)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>cr hrs</th>
</tr>
</thead>
<tbody>
<tr>
<td>HLTH 110</td>
<td>Introduction to Health</td>
<td>1</td>
</tr>
<tr>
<td>HLTH 120</td>
<td>First Aid and CPR</td>
<td>2</td>
</tr>
<tr>
<td>HLTH 215</td>
<td>Writing for Health Professionals</td>
<td>1</td>
</tr>
<tr>
<td>HLTH 225</td>
<td>Emerging Issues in Health</td>
<td>1</td>
</tr>
<tr>
<td>HLTH 330</td>
<td>Consumer and Environmental Health</td>
<td>3</td>
</tr>
<tr>
<td>HLTH 335</td>
<td>Communicable &amp; Non-communicable Diseases</td>
<td>3</td>
</tr>
<tr>
<td>HLTH 340</td>
<td>School Health Programs and Services</td>
<td>3</td>
</tr>
<tr>
<td>HLTH 350</td>
<td>Health Economics</td>
<td>3</td>
</tr>
<tr>
<td>HLTH 360</td>
<td>Drug Awareness</td>
<td>3</td>
</tr>
<tr>
<td>HLTH 365</td>
<td>Epidemiology</td>
<td>3</td>
</tr>
<tr>
<td>HLTH 420</td>
<td>Theories in Health Education</td>
<td>3</td>
</tr>
<tr>
<td>HLTH 470</td>
<td>Health of the Elderly</td>
<td>3</td>
</tr>
<tr>
<td>HLTH 485</td>
<td>Grant Writing and Procurement</td>
<td>3</td>
</tr>
<tr>
<td>HLTH 493</td>
<td>Practicum in Health</td>
<td>1,2,3</td>
</tr>
<tr>
<td>PEXS 271</td>
<td>Anatomy &amp; Physiology for HPEES</td>
<td>3</td>
</tr>
<tr>
<td>PEXS 275</td>
<td>Technology for HPEES</td>
<td>2</td>
</tr>
<tr>
<td>PEXS 310</td>
<td>Measurement &amp; Evaluation for HPEES</td>
<td>3</td>
</tr>
<tr>
<td>PEXS 344</td>
<td>Human Learning &amp; Psychomotor Development</td>
<td>3</td>
</tr>
<tr>
<td>PEXS 430</td>
<td>Organization and Administration</td>
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</tr>
<tr>
<td>PEXS 485</td>
<td>Research Methods</td>
<td>3</td>
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### Health Endorsement

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
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<tbody>
<tr>
<td>HLTH 110</td>
<td>Introduction to Health</td>
<td>1</td>
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<tr>
<td>HLTH 215</td>
<td>Writing for Health Professionals</td>
<td>1</td>
</tr>
<tr>
<td>HLTH 225</td>
<td>Emerging Issues in Health</td>
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</tr>
<tr>
<td>HLTH 210</td>
<td>Nutrition</td>
<td>3</td>
</tr>
<tr>
<td>HLTH 230</td>
<td>Family Living</td>
<td>3</td>
</tr>
<tr>
<td>HLTH 340</td>
<td>School Health Programs</td>
<td>3</td>
</tr>
<tr>
<td>HLTH 360</td>
<td>Drug Awareness</td>
<td>3</td>
</tr>
<tr>
<td>PEXS 310</td>
<td>Measurement &amp; Evaluation for HPEES</td>
<td>3</td>
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### Concentration Areas

#### Sports Management Concentration

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
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</thead>
<tbody>
<tr>
<td>BUSN 440</td>
<td>Legal and Ethical Environment of Business</td>
<td>3</td>
</tr>
<tr>
<td>MGMT 300</td>
<td>Principles of Management</td>
<td>3</td>
</tr>
<tr>
<td>MGMT 320</td>
<td>Organizational Behavior</td>
<td>3</td>
</tr>
<tr>
<td>MGMT 497</td>
<td>Seminar in Management</td>
<td>3</td>
</tr>
<tr>
<td>MKTG 300</td>
<td>Principles of Marketing</td>
<td>3</td>
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<td></td>
<td><strong>Select two courses from the following:</strong></td>
<td>6</td>
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<tr>
<td>MGMT 310</td>
<td>Human Resource Management</td>
<td></td>
</tr>
<tr>
<td>MGMT 440</td>
<td>Entrepreneurship</td>
<td></td>
</tr>
<tr>
<td>MGMT 450</td>
<td>Management Information Systems</td>
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#### Minor Programs

### Athletic Coaching

<table>
<thead>
<tr>
<th>Course Code</th>
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<tbody>
<tr>
<td>HLTH 120</td>
<td>Safety, First Aid, and CPR</td>
<td>2</td>
</tr>
<tr>
<td>PEXS 251</td>
<td>Individual and Dual Sports</td>
<td>2</td>
</tr>
<tr>
<td>PEXS 252</td>
<td>Team Sports</td>
<td>2</td>
</tr>
<tr>
<td>PEXS 265</td>
<td>Injury Prevention &amp; Emergency Management</td>
<td>3</td>
</tr>
<tr>
<td>PEXS 271</td>
<td>Anatomy and Physiology for Health, Physical Education and Exercise Science</td>
<td>3</td>
</tr>
<tr>
<td>PEXS 372</td>
<td>Kinesiology and Biomechanics</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td><strong>Select two courses from the following:</strong></td>
<td>6</td>
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<tr>
<td>PEXS 351</td>
<td>Coaching</td>
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</tr>
<tr>
<td>PEXS 352</td>
<td>Sports Officiating</td>
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</tr>
<tr>
<td>PEXS 450</td>
<td>Leadership in Sports and Coaching</td>
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<td></td>
<td><strong>Total 21</strong></td>
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#### Strength and Conditioning

<table>
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<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>cr hrs</th>
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<tbody>
<tr>
<td>HLTH 120</td>
<td>First Aid and CPR</td>
<td>2</td>
</tr>
<tr>
<td>HLTH 425</td>
<td>Sport and Exercise Nutrition</td>
<td>3</td>
</tr>
<tr>
<td>PEXS 271</td>
<td>Anatomy and Physiology for HPEES</td>
<td>3</td>
</tr>
<tr>
<td>PEXS 300</td>
<td>Exercise Physiology</td>
<td>3</td>
</tr>
<tr>
<td>PEXS 372</td>
<td>Kinesiology and Biomechanics</td>
<td>3</td>
</tr>
<tr>
<td>PEXS 385</td>
<td>Scientific Foundations of Strength &amp; Conditioning</td>
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</tr>
<tr>
<td>PEXS 386</td>
<td>Practice &amp; Application of Strength &amp; Conditioning</td>
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<tr>
<td>PEXS 435</td>
<td>Exercise Prescription</td>
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<tr>
<td>PEXS 493C</td>
<td>Practicum in Strength &amp; Conditioning</td>
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#### Exercise Science

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>cr hrs</th>
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</thead>
<tbody>
<tr>
<td>HLTH 120</td>
<td>First Aid and CPR</td>
<td>2</td>
</tr>
<tr>
<td>PEXS 265</td>
<td>Injury Prevention &amp; Emergency Management</td>
<td>3</td>
</tr>
<tr>
<td>PEXS 271</td>
<td>Anatomy &amp; Physiology for HPEES</td>
<td>3</td>
</tr>
<tr>
<td>PEXS 300</td>
<td>Exercise Physiology</td>
<td>3</td>
</tr>
<tr>
<td>PEXS 310</td>
<td>Measurement &amp; Evaluation for HPEES</td>
<td>3</td>
</tr>
<tr>
<td>PEXS 344</td>
<td>Human Learning &amp; Psychomotor Development</td>
<td>3</td>
</tr>
<tr>
<td>PEXS 372</td>
<td>Kinesiology &amp; Biomechanics</td>
<td>3</td>
</tr>
<tr>
<td>PEXS 493A</td>
<td>Practicum in Exercise Science</td>
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</tbody>
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### Health

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>cr hrs</th>
</tr>
</thead>
<tbody>
<tr>
<td>HLTH 120</td>
<td>Safety, First Aid, and CPR</td>
<td>2</td>
</tr>
<tr>
<td>HLTH 210</td>
<td>Nutrition</td>
<td>3</td>
</tr>
<tr>
<td>HLTH 230</td>
<td>Family Living</td>
<td>3</td>
</tr>
<tr>
<td>HLTH 330</td>
<td>Consumer and Environmental Health</td>
<td>3</td>
</tr>
<tr>
<td>HLTH 340</td>
<td>School Health Programs and Services</td>
<td>3</td>
</tr>
<tr>
<td>HLTH 360</td>
<td>Drug Awareness</td>
<td>3</td>
</tr>
<tr>
<td>HLTH 470</td>
<td>Health of the Elderly</td>
<td>3</td>
</tr>
<tr>
<td>HLTH 493</td>
<td>Practicum in Health</td>
<td>1</td>
</tr>
</tbody>
</table>

**Total 21**

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**Note:** The above also stands as a non-degree certificate program.

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2016-2017
MEDICAL LABORATORY SCIENCE PROGRAM

Mission Statement
In conjunction with mission statements of Lincoln Memorial University and the School of Allied Health Sciences, the faculty of the Medical Laboratory Science Program strive to instill the highest professional and ethical standards in the preparation of quality medical laboratory scientists (medical technologists) 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 Allied Health 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 Laboratories Sciences (NAACLS), the State of Tennessee, and Lincoln Memorial University.
- 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. 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, formally called medical technologists, assist physicians 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
Phone: 1-773-714-8880
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 include the following:

American Esoteric Laboratories (Strawberry Plains, Tennessee)
Athens Regional Medical Center (Athens, Tennessee)
Blount Memorial Hospital (Maryville, Tennessee)
Covenant Health System Claiborne Medical Center (Tazewell, Tennessee)
Covenant Health System Fort Loudoun Medical Center (Lenoir City, Tennessee)
Covenant Health System Fort Sanders Regional Medical Center (Knoxville, Tennessee)
Covenant Health System Le Conte Medical Center (Sevierville, Tennessee)
Covenant Health System Methodist Medical Center (Oak Ridge, Tennessee)
Covenant Health System Morristown Hamblen Medical Center (Morristown, Tennessee)
Covenant Health System Parkwest Medical Center (Knoxville, Tennessee)
Covenant Health System Roane Medical Center (Harriman, Tennessee)
East Tennessee Children’s Hospital (Knoxville, Tennessee)
Franklin Wood Community Hospital (Johnson City, Tennessee)
Jellico Community Hospital (Jellico, Tennessee)
Johnson City Medical Center (Johnson City, Tennessee)
Molecular Pathology Laboratory (Maryville, Tennessee)
Pineville Community Hospital (Pineville, Kentucky)
Tennova Health Care System: Newport Medical Center (Newport, Tennessee)
Tennova Health Care System: Physician’s Regional Medical Center (Knoxville, Tennessee)
Sycamore Shoals Hospital (Elizabethton, Tennessee)
Wellmont Health System Holston Valley Medical Center (Kingsport, Tennessee)
Wellmont Health System Bristol Regional Medical Center (Bristol, Tennessee)

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 include hospital laboratories, physician’s offices, 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 MLS Program:

1. Submission of official academic transcripts from all postsecondary schools attended.
2. Admission to Lincoln Memorial University.
3. Formal application for admission to the LMU MLS 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. 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.

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 any 300 level MEDT course, 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 admitted, the student must repeat the entire program beginning with the first sequence of MEDT courses, namely MEDT 301, 310, 320, and 391.
2. Any student who fails to earn the minimum grade of “B” in two or more MEDT prefixed courses during the first semester is not eligible for readmission to the Medical Laboratory Science Program.
3. If a student earns a final grade below a “B” in any singular 400 level MEDT course, the student is placed on academic probation in regards to the MLS program and that particular course must be repeated BEFORE the student is allowed to continue to the next sequence of MEDT courses.
4. If a student earns two or more final grades below a “B” in the 400 level MEDT 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 admitted, the student must repeat the entire program beginning with the first sequence of MEDT courses, namely MEDT 301, 310, 320, and 391.
5. No student will be readmitted into the MLS Program more than once.
6. In order to progress in the program, students must successfully complete the Medical Laboratory Science courses in sequence as specified in the LMU MLS Student Handbook.
7. If the student chooses to interrupt their MLS course sequence for any reason (withdrawal from any MEDT course, withdrawal from LMU, failure to enroll in the next MLS 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 admitted, the student must repeat the entire program beginning with the first sequence of MEDT courses, namely MEDT 301, 310, 320, and 391.
8. Any student with an Incomplete “I” in any MEDT prefixed course(s) will not be allowed to enroll in subsequent MLS courses until the incomplete “I” has been removed from the transcript. “Incompletes” are only given to students who are unable to complete their MEDT 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 MLS 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 applications must do the following:

1. Complete the required LMU MLS 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 Department.
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.
Medical Laboratory Science (BS)

Click to view MEDT Course Descriptions.

MEDT 301 Intro. to Lab Methods and Techniques I 1
MEDT 302 Intro. to Lab Methods and Techniques II 1
MEDT 310 Hemostasis 1
MEDT 320 Hematology 4
MEDT 330 Immunology and Serology 3
MEDT 340 Immunohematology 4
MEDT 391 Intermediate Clinical Practice I 2
MEDT 392 Intermediate Clinical Practice II 2
MEDT 400 Urinalysis and Body Fluids 2
MEDT 410 Laboratory Management and Supervision 2
MEDT 451 Clinical Chemistry I 3
MEDT 452 Clinical Chemistry II 3
MEDT 461 Medical Microbiology I 3
MEDT 462 Medical Microbiology II 3
MEDT 491 Advanced Clinical Practice I 2
MEDT 492 Advanced Clinical Practice II 3
MEDT 497 Senior Review 3

Total 42

Medical Laboratory Science Program

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:

1. CHEM 111: General Chemistry I with lab (4 hours)
2. CHEM 112: General Chemistry II with lab (4 hours)
3. CHEM 221: Organic Chemistry with lab (4 hours)
4. Plus one of the following chemistry courses: CHEM 222: Organic Chemistry II with lab (4 hours), CHEM 331 or 332: Quantitative and Instrumental Analysis I or II with labs (4 hours), or BIOL 441: Biochemistry (4 hours).
5. BIOL 111 or 112: General Biology I or II with labs (4 hours)
6. BIOL 230 or BIOL 336: Microbiology with lab (4 hours) or General Microbiology with lab (4 hours)
7. Plus one of the following biology sequences: BIOL 261 & 262: Human Anatomy & Physiology I & II (8 hours total) or BIOL 311 & 312: Integrated Vertebrate Anatomy & Physiology I & II (8 hours total).

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.

DEPARTMENT OF VETERINARY HEALTH SCIENCE AND TECHNOLOGY

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
   a. enhance the associate level educational foundation to foster quality clinical skill development
   b. 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
   c. 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 areas/regions, facilities, and farms. Transportation and expenses incurred for travel are the responsibility of the student.

VETERINARY MEDICAL TECHNOLOGY

Associate of Science Degree Program

Admission to the University does not guarantee admission to the Associate of Science Veterinary Medical Technology Program. Applications received prior to March 15 will receive priority consideration in the selection process. Admission to the two year program is highly competitive and subject to the following:

1. Admission to Lincoln Memorial University (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 http://www.lmunet.edu/academics/undergraduate/associate-degrees/associate-of-science-as/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. Scores on the ACT, (minimum of 18, with a 19 or higher in math) or SAT (minimum 870 for critical reading & math composite, or minimum 1290 for critical reading, math, & writing composite)
4. Competitive GPA, (high school GPA of 3.0 or college GPA of 2.5 to be considered)
Students that may be deficient in the ACT/SAT scores or GPA, may elect to apply for admissions into the program via the three year track academic plan. Veterinary Medical Technology Program faculty members will advise students accordingly.

For applications submitted after the deadline or submitted at LMU Orientation/Registration days, dates for submission of observations hours and evaluator forms will be posted. At Orientation, students will be allowed to register for classes but for full consideration of admittance into the program, all requirements will need to be submitted by the posted due dates. Students accepted into the AS Veterinary Medical Technology Program, are required to submit verification of the pre-exposure rabies vaccination or submit a signed waiver to the Program Director. Accepted students will also be asked to verify that they meet all program technical standards.

Additional program information can be viewed via the student handbook:
http://www.lmunet.edu/academics/undergraduate/associate-degrees/associate-of-science-as/veterinary-medical-technology

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. 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 Lincoln Memorial University.
- 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;

http://www.lmunet.edu/academics/undergraduate/associate-degrees/associate-of-science-as/veterinary-medical-technology

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.

(AS) Veterinary Medical Technology

VMT Courses  cr hrs

Click to view VMT Course Descriptions.

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
<th>cr</th>
<th>hrs</th>
</tr>
</thead>
<tbody>
<tr>
<td>VMT 100</td>
<td>Introduction to Veterinary Technology</td>
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<td>1</td>
</tr>
<tr>
<td>VMT 111</td>
<td>Domestic Animal Anatomy &amp; Physiology I</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>VMT 111L</td>
<td>Domestic Animal Anatomy &amp; Physiology Lab I</td>
<td></td>
<td>1</td>
</tr>
<tr>
<td>VMT 112</td>
<td>Domestic Animal Anatomy &amp; Physiology II</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>VMT 112L</td>
<td>Domestic Animal Anatomy &amp; Physiology Lab II</td>
<td></td>
<td>1</td>
</tr>
<tr>
<td>VMT 120</td>
<td>Animal Husbandry/Nutrition &amp; Breeds</td>
<td></td>
<td>2</td>
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<tr>
<td>VMT 120L</td>
<td>Animal Husbandry/Nutrition Breeds Lab</td>
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<tr>
<td>VMT 160</td>
<td>Veterinary Medical Terminology</td>
<td></td>
<td>1</td>
</tr>
<tr>
<td>VMT 180</td>
<td>Laboratory &amp; Zoo Animals</td>
<td></td>
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<tr>
<td>VMT 180L</td>
<td>Laboratory &amp; Zoo Animals Lab</td>
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<tr>
<td>VMT 210</td>
<td>Small Animal Clinical Procedures &amp; Techniques</td>
<td></td>
<td>2</td>
</tr>
<tr>
<td>VMT 210L</td>
<td>Small Animal Clinical Procedures &amp; Techniques Lab</td>
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<tr>
<td>VMT 220</td>
<td>Large Animal Clinical Procedures &amp; Techniques</td>
<td></td>
<td>1</td>
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<tr>
<td>VMT 220L</td>
<td>Large Animal Clinical Procedures &amp; Techniques Lab</td>
<td></td>
<td>2</td>
</tr>
<tr>
<td>VMT 230</td>
<td>Veterinary Dental Procedures &amp; Techniques</td>
<td></td>
<td>2</td>
</tr>
<tr>
<td>VMT 231</td>
<td>Diagnostic Lab Procedures I</td>
<td></td>
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</tr>
<tr>
<td>VMT 231L</td>
<td>Diagnostic Lab Procedures Lab I</td>
<td></td>
<td>1</td>
</tr>
<tr>
<td>VMT 232</td>
<td>Diagnostic Lab Procedures II</td>
<td></td>
<td>1</td>
</tr>
<tr>
<td>VMT 232L</td>
<td>Diagnostic Lab Procedures Lab II</td>
<td></td>
<td>1</td>
</tr>
<tr>
<td>VMT 240</td>
<td>Emergency &amp; Critical Care Procedures &amp; Techniques</td>
<td></td>
<td>2</td>
</tr>
<tr>
<td>VMT 241</td>
<td>Pharmacology &amp; Anesthesia for Veterinary Technicians I</td>
<td></td>
<td>2</td>
</tr>
<tr>
<td>VMT 242</td>
<td>Pharmacology &amp; Anesthesia for Veterinary Technicians II</td>
<td></td>
<td>2</td>
</tr>
<tr>
<td>VMT 251</td>
<td>Surgical Nursing &amp; Anesthesia I</td>
<td></td>
<td>2</td>
</tr>
<tr>
<td>VMT 251L</td>
<td>Surgical Nursing &amp; Anesthesia Lab I</td>
<td></td>
<td>1</td>
</tr>
<tr>
<td>VMT 252</td>
<td>Surgical Nursing &amp; Anesthesia II</td>
<td></td>
<td>2</td>
</tr>
<tr>
<td>VMT 252L</td>
<td>Surgical Nursing &amp; Anesthesia Lab II</td>
<td></td>
<td>1</td>
</tr>
<tr>
<td>VMT 260</td>
<td>Animal Diseases &amp; Zoonoses</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>VMT 270</td>
<td>Imaging &amp; Ultrasound for Veterinary Technicians</td>
<td></td>
<td>1</td>
</tr>
<tr>
<td>VMT 270L</td>
<td>Imaging &amp; Ultrasound for Veterinary Technicians Lab</td>
<td></td>
<td>1</td>
</tr>
<tr>
<td>VMT 297</td>
<td>Veterinary Technology Clinical Review</td>
<td></td>
<td>1</td>
</tr>
<tr>
<td>VMT 298</td>
<td>Veterinary Technician Practicum</td>
<td></td>
<td>3</td>
</tr>
</tbody>
</table>

2 sections of this course are required

Total 51
VETERINARY MEDICAL TECHNOLOGY

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 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. 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:
Admission is limited to 25 students per year. For priority consideration, applications are due on or before June 15 for fall semester admission and November 15 for spring semester admission.

- Successful completion of a two year AVMA accredited Veterinary Medical Technology 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.
- Letter of recommendation from previous program director or current employer
- Personal statement outlining professional goals
- Acceptance to LMU.

VMT Courses

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>cr hrs</th>
</tr>
</thead>
<tbody>
<tr>
<td>VMT 300</td>
<td>Veterinary Parasitology &amp; Entomology</td>
<td>3</td>
</tr>
<tr>
<td>VMT 300L</td>
<td>Veterinary Parasitology &amp; Entomology Lab</td>
<td>1</td>
</tr>
<tr>
<td>VMT 320</td>
<td>Animal Nutrition</td>
<td>2</td>
</tr>
<tr>
<td>VMT 326</td>
<td>Pain Management for Veterinary Technologists</td>
<td>2</td>
</tr>
<tr>
<td>VMT 330</td>
<td>Introduction to Diagnostic/Research</td>
<td>2</td>
</tr>
<tr>
<td>VMT 340</td>
<td>Small Farm Animal Management</td>
<td>2</td>
</tr>
<tr>
<td>VMT 356</td>
<td>Equine Management</td>
<td>2</td>
</tr>
<tr>
<td>VMT 357</td>
<td>Rural Animal Management</td>
<td>2</td>
</tr>
<tr>
<td>VMT 360</td>
<td>Animal Behavior</td>
<td>1</td>
</tr>
<tr>
<td>VMT 370</td>
<td>Advanced Anesthesia for Veterinary Technologists</td>
<td>2</td>
</tr>
<tr>
<td>VMT 370L</td>
<td>Advanced Anesthesia for Veterinary Technologists Lab</td>
<td>1</td>
</tr>
<tr>
<td>VMT 380</td>
<td>Companion Animal Management</td>
<td>2</td>
</tr>
<tr>
<td>VMT 390</td>
<td>HAB- An Interdisciplinary Approach</td>
<td>3</td>
</tr>
<tr>
<td>VMT 397</td>
<td>Nursing Care Assessment Plans; Capstone</td>
<td>1</td>
</tr>
<tr>
<td>VMT 400</td>
<td>Zoonotic Disease of Veterinary And Public Health Importance</td>
<td>3</td>
</tr>
<tr>
<td>VMT 410</td>
<td>Emergency &amp; Critical Care Procedures &amp; Techniques for Veterinary Technologists</td>
<td>2</td>
</tr>
<tr>
<td>VMT 410L</td>
<td>Emergency &amp; Critical Care Procedures &amp; Techniques for Veterinary Technologists Lab</td>
<td>1</td>
</tr>
<tr>
<td>VMT 430</td>
<td>Advanced Clinical Procedures &amp; Techniques</td>
<td>2</td>
</tr>
<tr>
<td>VMT 430L</td>
<td>Advanced Clinical Procedures &amp; Techniques Lab</td>
<td>1</td>
</tr>
<tr>
<td>VMT 440</td>
<td>One Health Principles for the Veterinary Professionals</td>
<td>3</td>
</tr>
<tr>
<td>VMT 490</td>
<td>Toxicology</td>
<td>2</td>
</tr>
<tr>
<td>VMT 497</td>
<td>Veterinary Technology Senior Seminar</td>
<td>1</td>
</tr>
</tbody>
</table>

Total 41
Veterinary Health Science

AS and BS Degree Options

Associate of Science in Veterinary Health Science (VHS)

Pre-Veterinary Medicine:
The AS in VHS is designed especially for the student that wishes to pursue application to an AVMA accredited veterinary college. After completion of the AS degree, a student will have fulfilled major requirements for application to veterinary college. This program offers students limited veterinary experience and education using lectures and labs with animal models and cadavers.

Bachelor of Science in Veterinary Health Science (VHS)
The BS in VHS is designed to prepare graduates to apply to veterinary colleges as well as to gain employment in 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 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 (AS and BS).
2. Demonstrate knowledge and understanding of basic veterinary sciences (AS and BS).
3. Demonstrate knowledge and understanding of veterinary medicine and the global impact veterinary medicine has on our world today (BS).
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 process required to grow positive relationships will all members of the veterinary health care team (Interdisciplinary approach).

Associate of Science and Bachelor of Science in Veterinary Health Science Admissions Requirements
Admission to the University does not guarantee admission to the AS or BS in Veterinary Health Science Degree Program. Applications received prior to March 15 will receive priority in the selection process. Admission to this program is highly competitive and subject to the following:

1. Admission to Lincoln Memorial University (visit LMU Admissions Office/website for application).
2. Formal application for admission to the Veterinary Health Science Degree Program. Application materials can be found at http://www.lmunet.edu/academics/programs/vet-health.shtml
   - Letters of recommendation from two sources
   - Personal statement of professional goals
3. Scores on the ACT (minimum of 22, with a 19 or higher in math) or SAT (minimum 1030 critical reading & math, or minimum 1530 for critical reading, math, & writing).
4. Competitive GPA (high school GPA of 3.0 or transfer GPA of 3.2 to be considered).

Progression Policy of the Veterinary Health Science Program
Before enrolling in any VHS prefixed course other than VHS 101 or VHS 160, a student must complete an application to the VHS program and be admitted to the program.

1. A student must maintain a minimum cumulative GPA of 3.0 to enroll in VHS prefixed courses.
2. If a student earns a cumulative GPA of less than 3.0 in any semester the student will be placed on VHS Program academic probation for the subsequent semester and will be required to participate in academic remediation. Remediation may include required tutoring hours and required meetings with the student’s academic advisor or course professors.
3. If a student earns a cumulative GPA of less than 3.0 in any two consecutive semesters the student will be automatically academically dismissed from the VHS program. The student may reapply for admission into the program but it is clearly understood that readmission is not guaranteed.

Veterinary Health Science Program Requirements

(AS) Veterinary Health Science VHS Courses

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credit hrs</th>
</tr>
</thead>
<tbody>
<tr>
<td>VHS 101</td>
<td>Introduction to Veterinary Medicine</td>
<td>1</td>
</tr>
<tr>
<td>VHS 111</td>
<td>Animal Anatomy &amp; Physiology I</td>
<td>3</td>
</tr>
<tr>
<td>VHS 111L</td>
<td>Animal Anatomy &amp; Physiology I Lab</td>
<td>1</td>
</tr>
<tr>
<td>VHS 112</td>
<td>Animal Anatomy &amp; Physiology II</td>
<td>3</td>
</tr>
<tr>
<td>VHS 112L</td>
<td>Animal Anatomy &amp; Physiology II Lab</td>
<td>1</td>
</tr>
<tr>
<td>VHS 160</td>
<td>Veterinary Medical Terminology</td>
<td>1</td>
</tr>
</tbody>
</table>

Click to view VHS Course Descriptions.

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.

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credit hrs</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL 111</td>
<td>General Biology I with lab</td>
<td>4</td>
</tr>
<tr>
<td>BIOL 112</td>
<td>General Biology II with lab</td>
<td>4</td>
</tr>
<tr>
<td>Course Code</td>
<td>Course Title</td>
<td>cr hrs</td>
</tr>
<tr>
<td>-------------</td>
<td>--------------------------------------------------</td>
<td>--------</td>
</tr>
<tr>
<td>CHEM 111</td>
<td>General Chemistry I with lab</td>
<td>4</td>
</tr>
<tr>
<td>CHEM 112</td>
<td>General Chemistry II with lab</td>
<td>4</td>
</tr>
<tr>
<td>CHEM 221</td>
<td>Organic Chemistry I with lab</td>
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<tr>
<td>CHEM 222</td>
<td>Organic Chemistry II with lab</td>
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</table>

**Veterinary Health Science (BS)**

<table>
<thead>
<tr>
<th>VHS Courses</th>
<th>cr hrs</th>
</tr>
</thead>
<tbody>
<tr>
<td>VHS 101</td>
<td>Introduction to Veterinary Medicine</td>
</tr>
<tr>
<td>VHS 111</td>
<td>Animal Anatomy &amp; Physiology I</td>
</tr>
<tr>
<td>VHS 111L</td>
<td>Animal Anatomy &amp; Physiology I Lab</td>
</tr>
<tr>
<td>VHS 112</td>
<td>Animal Anatomy &amp; Physiology II</td>
</tr>
<tr>
<td>VHS 112L</td>
<td>Animal Anatomy &amp; Physiology II Lab</td>
</tr>
<tr>
<td>VHS 160</td>
<td>Veterinary Medical Terminology</td>
</tr>
<tr>
<td>VHS 210</td>
<td>Companion Animal Handling &amp; Restraint</td>
</tr>
<tr>
<td>VHS 210L</td>
<td>Companion Animal Handling &amp; Restraint Lab</td>
</tr>
<tr>
<td>VHS 220</td>
<td>Rural Animal Handling &amp; Restraint</td>
</tr>
<tr>
<td>VHS 220L</td>
<td>Rural Animal Handling &amp; Restraint Lab</td>
</tr>
<tr>
<td>VHS 260</td>
<td>Animal Diseases &amp; Zoonosis</td>
</tr>
<tr>
<td>VHS 300</td>
<td>Veterinary Parasitology and Entomology</td>
</tr>
<tr>
<td>VHS 300L</td>
<td>Veterinary Parasitology and Entomology Lab</td>
</tr>
<tr>
<td>VHS 320</td>
<td>Animal Nutrition</td>
</tr>
<tr>
<td>VHS 330</td>
<td>Veterinary Junior Seminar</td>
</tr>
<tr>
<td>VHS 340</td>
<td>Small Farm Animal Management</td>
</tr>
<tr>
<td>VHS 350</td>
<td>Rural Animal Management</td>
</tr>
<tr>
<td>VHS 360</td>
<td>Animal Behavior</td>
</tr>
<tr>
<td>VHS 380</td>
<td>Companion Animal Management</td>
</tr>
<tr>
<td>VHS 390</td>
<td>Human Animal Bond Interdisciplinary Approach</td>
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<tr>
<td>VHS 400</td>
<td>Zoonotic Disease of Veterinary And Public Health Importance</td>
</tr>
<tr>
<td>VHS 410</td>
<td>Equine Management</td>
</tr>
<tr>
<td>VHS 440</td>
<td>One Health for Veterinary Professionals</td>
</tr>
<tr>
<td>VHS 490</td>
<td>Toxicology</td>
</tr>
<tr>
<td>VHS 497</td>
<td>Veterinary Senior Seminar</td>
</tr>
</tbody>
</table>

**Total 48**
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 distinguished academic programs and General Education courses that cultivate the skills and perspectives essential for preparing all university students for productive participation and leadership in a rapidly changing world. Inspired by the enduring principles of Abraham Lincoln’s life and legacy, the Paul V. Hamilton School of Arts, Humanities, and Social Sciences strives to promote the development of scholarship, creative expression and innovative research. At the heart of the LMU experience is a commitment to a tradition and standards of excellence that foster students’ intellectual, moral, civic, and creative capacities and aspirations in service to humanity while advancing life in the Appalachian region and beyond.

DEPARTMENT OF LANGUAGE AND LITERATURE
Mission Statement
The department of Language and Literature seeks to graduate students who are well-read, articulate, and capable of substantial scholarly research. The student should be able to think about a work of literature with reference to the circumstances of its composition, to its internal characteristics, and to the student’s own experience. Upon graduation a student should be ready for a professional career such as teaching, or for further study in a graduate school, a law school, or a corporate training program.

The curriculum in English also contributes to the mission and purpose of Lincoln Memorial University by advancing the cultural life of the Cumberland Gap area through a reading series and an annual literary festival, providing an appreciable cultural life of the Cumberland Gap area through a reading series and an annual literary festival, providing an appreciable cultural life of the Cumberland Gap area through a reading series and an annual literary festival.

Major Program
English (BA)

English Major Program Core, plus Concentration (45 credit hours total)

I. English Major Program Core cr hrs
Click to view ENGL Course Descriptions.
ENGL 300  Literary Research and Criticism  3
ENGL 311  Survey of British Literature I  3
ENGL 312  Survey of British Literature II  3
ENGL 321  Survey of American Literature I  3
ENGL 322  Survey of American Literature II  3
ENGL 433  Literary Periods  3
ENGL 443  Literary Genres  3

Total 21

II. Choose one of the following concentrations:

A. Literature
ENGL 410  Shakespeare  3

Literature Electives (12 cr hrs)  12
ENGL 330  Appalachian Literature
ENGL 420  Modern and Contemporary Poetry
ENGL 433  Literary Periods (with different content)
ENGL 443  Literary Genres (with different content)
ENGL 395/495 Special Topics (with literature focus)
(ENGL prefix; may include additional literature courses)

Note: ENGL 433, ENGL 443, and ENGL 395/495 may be repeated for major program credit when course content varies.

English Electives  6

Total 21

B. English Education
ENGL 360  The English Language
ENGL 410  Shakespeare
English Electives (12 cr hrs)  3

Two additional 300/400-level literature courses  12
One additional course with ENGL prefix (may include additional literature courses)

Two semesters of ONE foreign language  6

Total 21

C. Writing
Writing Electives (15 cr hrs)
ENGL 363/463  Fiction Writing
ENGL 373/473  Poetry Writing
ENGL 383/463  Creative Non-Fiction
(ENGL 363/463, ENGL 373/473, and ENGL 383/463 may be repeated for major program credit)

English Electives (6 cr hrs)  6

Two additional 300-400-level literature courses

Total 21

D. English/Pre-Law
English Electives (12 cr hrs)

Two additional 300/400-level literature courses  12
One additional course with ENGL prefix

Free Electives (Select one option 1, 2, or 3 below)  12

Total 21

Option 1. May include additional courses with ENGL prefix

Option 2. Courses from the following list:
BUSN 440  Legal and Ethical Environment of Business
CRIM 210  Criminal Law
CRIM 220  Introduction to Courts
POLS 211  American Government: National
POLS 212  American Government: State and Local
POLS 320  Comparative Politics
POLS 322  Introduction to Public Policy
POLS 498  Internship
MCOM 410  Media Law and Ethics
PHIL 210  Logic and Critical Thinking
PHIL 420  Ethics

Note 1: Transfer students who have had both of the British Literature Survey Courses at the 200-level at another institution are required to take one additional course at LMU with British content at
the 300 or 400 level to complete the requirements for the major.

**Note 2:** Transfer students who have completed both of the American Literature Survey courses at the 200 level at another institution are required to take one additional LMU course with American content at the 300 or 400 level to complete the requirements for the major.

**Note 3:** Students preparing for teacher licensure in English must complete ENGL 360, The English Language, in lieu of 3 credit hours of electives in English. Teacher licensure students must also complete 6 credit hours of a foreign language or achieve an acceptable score on an LMU-approved foreign language examination. Consult the chair of the department of undergraduate Education regarding other specific requirements.

**Note 4:** Students majoring in English who plan to enter law school should see Pre-Law Curriculum.

**Note 5:** During their senior year, students are obligated to successfully complete the department’s capstone requirements.

Creative Writing (BFA)

**I. Foundation Courses (11 cr hrs)**
- ENGL 363 Fiction Writing 3
- ENGL 373 Poetry Writing 3
- ENGL 383 Creative Non-Fiction Writing 3
- UACT 195 Literary Publishing (must be taken in consecutive fall and spring terms) 2

**II. Concentrations: Select 1 of the following Repeat course for total of 6 cr hrs**

**A. Fiction**
- ENGL 463 Advanced Fiction Workshop 6

**B. Poetry**
- ENGL 473 Advanced Poetry Workshop 6

**C. Creative Non-Fiction**
- ENGL 483 Advanced Creative Non-Fiction Workshop 6

**III. Literature Courses (18 cr hrs)**
- ENGL 300 Literary Research and Criticism 3
- ENGL 311 Survey of British Literature I or
- ENGL 321 Survey of American Literature I 3
- ENGL 312 Survey of British Literature II or
- ENGL 322 Survey of American Literature II 3
- Additional 300 and 400-level literature courses 9

**IV. Senior Project (3 cr hrs)**
- ENGL 497 BFA Capstone 3

TOTAL 38
DEPARTMENT OF FINE ARTS AND COMMUNICATIONS

Mission Statement
The Department of Fine Arts promotes the mission of LMU by offering three majors in the liberal arts: 1) Art, 2) Media Communications, 3) Music. It also offers minors in Art, Media Communications, Music, and Theatre Arts. 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 broadcasting, the fine arts, teaching, and various professional fields. Others pursue further study at the graduate level. 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. These events help to connect the university to the peoples and culture of the region while simultaneously linking our students and the region to artistic cultures from around the world.

Art (BA) cr hrs
Click to view ART Course Descriptions.
ART 105 Design I: 2-d 3
ART 110 Drawing I 3
ART 205 Design II: 3-d 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 Survey of Art History II 3
ART 497 Senior Seminar and Exhibition 2

Select three courses from the following (at least one must be 400-level):
ART 230 Photography I 3
ART 240 Ceramics I 3
ART 330 Photography II 3
ART 343 Ceramics II/III 3
ART 350 Printmaking 3
ART 360 Jewelry Design and Metals 3
ART 395 Special Topics in Art 3
ART 400 Appalachian Art 3
ART 410 Drawing IV 3
ART 423 Painting III/IV 3
ART 471 Art and the Child 3
ART 472 Art and the Adolescent 3
ART 495 Special Topics in Art 3

Total 39

Note: Students preparing for teacher licensure in Art must complete ART 471 and 472. Consult the chair of the department of undergraduate Education regarding other requirements.

Music (BA) cr hrs
Click to view MUSC Course Descriptions.
MUSC 101* Class Piano I 1
MUSC 102* Class Piano II 1
MUSC 111* Music Theory I 3
MUSC 112* Music Theory II 3
MUSC 121* Ear Training I 2
MUSC 122* Ear Training II 2
MUSC 211* Music Theory III 3
MUSC 212* Music Theory IV 3
MUSC 321* Music History to 1750 3
MUSC 322* Music History since 1750 3
MUSC 322X Junior Sews Writing 0
MUSC 495* Student Recital 0
MUSC 497* Senior Recital 1
MUSC 497Z Senior Sews Writing 0

Select one concentration of private instruction in applied music 8
Voice MUSC 131-132, 231-232, 331-332, 431-432

Total 22-27

Concentrations
Upon the completion of the core requirements, the student will elect to pursue only one of the concentrations listed below. Each concentration requires the student to complete a total of 15 credit hours.

News Concentration
MCOM 271 Audio Production
MCOM 281 Single Camera Production
MCOM 370 TV News Production
MCOM 372 Digital Editing
MCOM 475 Advanced Digital Editing

Production Concentration
MCOM 271 Audio Production
MCOM 280 Multi-camera Production
MCOM 281 Single-camera Production
MCOM 372 Digital Editing
MCOM 420 Media, Sales, and Promotion

Media Sales and Promotion Concentration
MCOM 220 Media Law and Ethics
MCOM 320 Media Theory
MCOM 410 Media Law and Ethics
MCOM 485 Senior Seminar 3
MCOM 498 Internship 1-6

Total 22-27

Media Communications (BA) cr hrs
Click to view MCOM Course Descriptions.
MCOM 110 Intro to Mass Media 3
MCOM 203 Production Practicum 1
(repeated 3 times)
MCOM 260 Copywriting for Digital Media 3
MCOM 261 Newswriting for Digital Media 3
MCOM 320 Media Theory 3
MCOM 410 Media Law and Ethics 3
MCOM 485 Senior Seminar 3
MCOM 498 Internship 1-6

Total 22-27

Prospective music majors must audition for the music faculty before enrolling into the BA program. Additional policies and program requirements are found in the Music Major Student Handbook.

Program Core (Vocal and Instrumental Track) cr hrs
Click to view MUSC Course Descriptions.
MUSC 101* Class Piano I 1
MUSC 102* Class Piano II 1
MUSC 111* Music Theory I 3
MUSC 112* Music Theory II 3
MUSC 121* Ear Training I 2
MUSC 122* Ear Training II 2
MUSC 211* Music Theory III 3
MUSC 212* Music Theory IV 3
MUSC 321* Music History to 1750 3
MUSC 322* Music History since 1750 3
MUSC 322X Junior Sews Writing 0
MUSC 495* Student Recital 0
MUSC 497* Senior Recital 1
MUSC 497Z Senior Sews Writing 0

Select one concentration of private instruction in applied music 8
Voice MUSC 131-132, 231-232, 331-332, 431-432
Piano
MUSC 141-142, 241-242, 341-342, 441-442

Instrumental
MUSC 151-152, 251-252, 351-352, 451-452
(B-Brass, C-Percussion, D-Woodwind and E-Guitar)

Select one ensemble per semester* 8
MUSC 113 Concert Choir
MUSC 153 Concert Band 0

Program Electives
Click to view MUSC Course Descriptions.
Electives (3 credit hours must be 400 level) 6
MUSC 230 Vocal Pedagogy 1
MUSC 234 Diction for Singers 2
MUSC 254 Brass Techniques 1
MUSC 255 Woodwind Techniques 1
MUSC 256 Percussion Techniques 1
MUSC 257 String Techniques 1
MUSC 300 Fundamentals of Arranging 2
MUSC 314 Computer Music and Media 1
MUSC 335 Choral Conducting 2
MUSC 355 Instrumental Conducting 2
MUSC 395A Fundamentals of Marching Band 1
MUSC 395B Fundamentals of Choral Ensemble 1
MUSC 397 Junior Recital 1
MUSC 430 Choral Arranging 3
MUSC 450 Instrumental Arranging 3
MUSC 465 Survey of Choral Literature 3
MUSC 467 Appalachian Music 3
MUSC 468 Survey of World Music 3

Total 47

*Upon demonstrated proficiency, MUSC 101 and 102 may be waived.

Music (BA with Vocal/General Music K-12 Teacher Certification)
Click to view MUSC Course Descriptions.

Program Core  cr hrs
MUSC 101* Class Piano I 1
MUSC 102* Class Piano II 1
MUSC 111 Music Theory I 3
MUSC 112 Music Theory II 3
MUSC 113 University Concert Choir 4

(113 Required for Vocal Music Education Candidates; 1 Credit per Semester for a total of 4 cr hrs)
(Concurrent enrollment in 103 and 113 is not allowed)
MUSC 121 Ear Training I 2
MUSC 122 Ear Training II 2
MUSC 211 Music Theory III 3
MUSC 212 Music Theory IV 3
MUSC 254 Brass Techniques 1
MUSC 255 Woodwind Techniques 1
MUSC 256 Percussion Techniques 1
MUSC 257 String Techniques 1
MUSC 300 Fundamentals of Arranging 2
MUSC 321 Music History I 3
MUSC 322 Music History II 3
MUSC 322X Junior SEWS 2

Writing Requirements 0
MUSC 335 Choral Conducting 2
MUSC 131-132, 231-232, 331-332, 431-432
Applied Lessons in Voice (1 cr hr per course) 7
MUSC 460 Methods of Teaching Music 3
MUSC 495 Student Recital 0
MUSC 497 Senior Recital 1
MUSC 497Z Senior SEWS Writing Requirement 0
Piano Proficiency 0
Vocal Proficiency 0

Electives: See Program Electives above 3

Total 50

*Music majors are expected to participate in an ensemble reflective of their performance medium each semester of full-time enrollment (except student teaching semester).

Music (BA with Instrumental/General Music K-12 Teacher Certification)
Click to view MUSC Course Descriptions.

Program Core  cr hrs
MUSC 101* Class Piano I 1
MUSC 102* Class Piano II 1
MUSC 111 Music Theory I 3
MUSC 112 Music Theory II 3
MUSC 121 Ear Training I 2
MUSC 122 Ear Training II 2
MUSC 153 Concert Band 4

(153 Required for Instrumental Music Education Candidates; 1 Credit per Semester for a total of 4 cr hrs)
MUSC 211 Music Theory III 3
MUSC 212 Music Theory IV 3
MUSC 254 Brass Techniques 1
MUSC 255 Woodwind Techniques 1
MUSC 256 Percussion Techniques 1
MUSC 257 String Techniques 1
MUSC 300 Fundamental of Arranging 2
MUSC 321 Music History I 3
MUSC 322 Music History II 3
MUSC 322X Junior SEWS Writing Requirement 0
MUSC 355 Instrumental Conducting 2
MUSC 151-152, 251-252, 351-352, 451-452 4
Applied Lessons on Primary Instrument (1 cr hr per course) 7
MUSC 460 Methods of Teaching Music 3
MUSC 495 Student Recital 0
MUSC 497 Senior Recital 1

(497 Required for Instrumental Music Education Students)
MUSC 497Z Senior SEWS Writing Requirements 0
Piano Proficiency 0
Vocal Proficiency 0

Electives: See Program Electives above 3

Total 50

Total 50

2016-2017

55
### Minor Programs

<table>
<thead>
<tr>
<th>Art</th>
<th>cr hrs</th>
</tr>
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<tbody>
<tr>
<td>ART 100</td>
<td>Art Appreciation</td>
</tr>
<tr>
<td>ART 105</td>
<td>Design I: 2-d</td>
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<tr>
<td>ART 110</td>
<td>Drawing I</td>
</tr>
<tr>
<td>ART 205</td>
<td>Design II: 3-d</td>
</tr>
<tr>
<td>ART 220</td>
<td>Painting I</td>
</tr>
<tr>
<td>ART 381</td>
<td>Survey of Art History I or</td>
</tr>
<tr>
<td>ART 382</td>
<td>Survey of Art History II</td>
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<td>Elective hours in Art</td>
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</table>

**Total 21**

### Media Communication

<table>
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<tr>
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<tbody>
<tr>
<td>MCOM 110</td>
</tr>
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<td>MCOM 250</td>
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<tr>
<td>MCOM 260</td>
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<td>MCOM 280</td>
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<td>MCOM 372</td>
</tr>
<tr>
<td>MCOM 410</td>
</tr>
<tr>
<td>THEA 230</td>
</tr>
</tbody>
</table>

**Total 21**

**Note:** Students taking the major in Broadcast Communications may declare the minor in Theatre only if at least 9 credit hours applied to the minor program are not concurrently applied to the major program.

### Music

<table>
<thead>
<tr>
<th>cr hrs</th>
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</thead>
<tbody>
<tr>
<td>MUSC 111</td>
</tr>
<tr>
<td>MUSC 112</td>
</tr>
<tr>
<td>MUSC 101</td>
</tr>
<tr>
<td>MUSC 321</td>
</tr>
<tr>
<td>MUSC 322</td>
</tr>
</tbody>
</table>

Select one concentration of private instruction in applied music:

- **Voice:** MUSC 131-132, 231-232
- **Piano:** MUSC 141-142, 241-242
- **Instrumental:** MUSC 151-152, 251-252

Select one area of music ensemble:

- **MUSC 113** | Concert Choir
- **MUSC 153** | Concert Band
- **Elective in Music** (must be 200-level) | 2

**Total 20**

**Note:** Upon demonstrated proficiency, MUSC 101, Piano Class, may be waived; further, students taking the minor program in Music are expected to participate (for credit or not) in an ensemble reflective of chosen performance medium each semester of full-time enrollment, excluding semester enrolled in EDUC 497.

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### DEPARTMENT OF HUMANITIES

**Mission Statement**

The Department of Humanities promotes the mission of LMU by offering majors in the liberal arts: including **History** and **Philosophy and Religion**. It also offers minors in History, Philosophy, Religion, and Geography. 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.

### History (BA)

#### History (BA) - General Track

**Click to view HIST Course Descriptions.**

| HIST 121 | World History to 1500 | 3 |
| HIST 122 | World History since 1500 | 3 |
| HIST 131 | American History to 1877 | 3 |
| HIST 132 | American History since 1877 | 3 |
| HIST 300 | Introduction to Historical Studies | 3 |
| HIST 480 | Historical Methods | 3 |

**Electives in History**

At least 6 credit hours must be in upper level American History, at least 6 credit hours must be in upper level European History, at least 3 credit hours must be in upper level non-western History, and 3 credit hours of any HIST 300/400 level elective.

**Total 36**

#### History (BA) - Pre-Law Track

**Click to view HIST Course Descriptions.**

| HIST 121 | World History to 1500 | 3 |
| HIST 122 | World History since 1500 | 3 |
| HIST 131 | American History to 1877 | 3 |
| HIST 132 | American History since 1877 | 3 |
| HIST 300 | Introduction to Historical Studies | 3 |
| HIST 424 | Early Western Legal Tradition | 3 |
| HIST 434 | US Constitutional History | 3 |
| HIST 480 | Historical Methods | 3 |

**Electives in History**

At least 3 credit hours must be in upper level American History, at least 3 credit hours must be in upper level European History, at least 3 credit hours must be in upper level non-western History, and 3 credit hours of any HIST 300/400 level elective.

**Total 36**

**Recommended electives**

- CRIM 105 | Introduction to Criminal Justice | 3 |
- CRIM 210 | Criminal Law | 3 |
- CRIM 220 | Introduction to Courts | 3 |
- CRIM 405 | Criminal Justice Administration | 3 |
PHIL 210 Logic and Critical Thinking 3
POLS 212 American Government: State and Local 3
POLS 322 Introduction to Public Policy 3
HIST 344* British History to 1688 3
HIST 345* British History Since 1688 3
*may be used for required electives in History

Program Electives 9
Choose three of the following:
GEOG 350 Geography of Religion 3
HIST 340 Medieval History 3
HIST 346 Ancient Greece 3
HIST 360 Ancient Rome 3
HIST 414 Crusades 3
PHIL 340 Philosophy of Religion 3
PHIL 430 Medical Ethics 3
REL 210* Survey of the Old Testament 3
REL 220* Survey of the New Testament 3
REL 315 Comparative Christianity 3
REL 321* History of Christianity I 3
REL 322* History of Christianity II 3
REL 325* Religion in America 3
REL 364 Islam 3
Total 33

*If not applied to program core

Note: Students majoring in Philosophy and Religion who plan to enter law school should review the Lincoln Pre-Law Curriculum (see Pre-Law Curriculum).

Minor Programs
Appalachian Studies cr hrs
ART 400 Appalachian Art 3
ENGL 330 Appalachian Literature 3
HIST 370 History of Appalachia 3
ENVS 410 Environmental Issues in Appalachia 3
GEOG 440 Geography of Appalachia 3
MUSC 467 Music of Appalachia 3
Elective hours 3
Total 21

Elective hours to be selected according to student interest and pre-approved by program director; elective hours must include a research component related to some aspect of Appalachian life and culture.

Geography cr hrs

Select eighteen (18) credit hours from the following:
GEOG 100 Introduction to Geography 3
GEOG 110 World Regional Geography 3
GEOG 120 Introduction to Physical Geography: Planet Earth 4
GEOG 211 Introduction 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 18
### History

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>cr hrs</th>
</tr>
</thead>
<tbody>
<tr>
<td>HIST 121</td>
<td>World History to 1500</td>
<td>3</td>
</tr>
<tr>
<td>HIST 122</td>
<td>World History since 1500</td>
<td>3</td>
</tr>
<tr>
<td>HIST 131</td>
<td>American History to 1877</td>
<td>3</td>
</tr>
<tr>
<td>HIST 132</td>
<td>American History since 1877</td>
<td>3</td>
</tr>
</tbody>
</table>

Electives in History
(at least 6 credit hours must be 300/400 level)

Total 9

### Philosophy and Religion

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>cr hrs</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHIL 100</td>
<td>The Meaning of Life</td>
<td>3</td>
</tr>
<tr>
<td>PHIL 200</td>
<td>Introduction to Philosophy</td>
<td>3</td>
</tr>
<tr>
<td>PHIL 420</td>
<td>Ethics</td>
<td>3</td>
</tr>
<tr>
<td>REL 210</td>
<td>Survey of Old Testament or</td>
<td>3</td>
</tr>
<tr>
<td>REL 220</td>
<td>Survey of New Testament</td>
<td>3</td>
</tr>
<tr>
<td>REL 310</td>
<td>Comparative World Religions</td>
<td>3</td>
</tr>
<tr>
<td>Elective</td>
<td></td>
<td>3</td>
</tr>
</tbody>
</table>

Select one of the following:
REL 321 History of Christianity I
REL 322 History of Christianity II
REL 325 Religion in America

Total 21

### Theatre Arts Minor

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>cr hrs</th>
</tr>
</thead>
<tbody>
<tr>
<td>MCOM 333</td>
<td>Film Genre</td>
<td>3</td>
</tr>
<tr>
<td>THEA 100</td>
<td>Introduction to Theatre</td>
<td>3</td>
</tr>
<tr>
<td>THEA 250</td>
<td>Fundamentals of Stage Lighting</td>
<td>3</td>
</tr>
<tr>
<td>THEA 340</td>
<td>Survey of Dramatic Literature</td>
<td>3</td>
</tr>
<tr>
<td>THEA 350</td>
<td>Production Design</td>
<td>3</td>
</tr>
<tr>
<td>THEA 100</td>
<td>Introduction to Theatre</td>
<td>3</td>
</tr>
<tr>
<td>Vocal Proficiency</td>
<td></td>
<td>0</td>
</tr>
</tbody>
</table>

Total 21

### 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, psychology and political science, and minor programs in gerontology, psychology, political science and geography. 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.

**Major Programs**

**Criminology and Criminal Justice**

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.

**Criminology and Criminal Justice (BS)**

Click to view CRIM Course Descriptions.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>cr hrs</th>
</tr>
</thead>
<tbody>
<tr>
<td>CRIM 105</td>
<td>Introduction to Criminal Justice</td>
<td>3</td>
</tr>
<tr>
<td>CRIM 210</td>
<td>Criminal Law</td>
<td>3</td>
</tr>
<tr>
<td>CRIM 215</td>
<td>Criminal Procedure</td>
<td>3</td>
</tr>
<tr>
<td>CRIM 300</td>
<td>Issues and Ethics in Criminal Justice</td>
<td>3</td>
</tr>
<tr>
<td>CRIM 310</td>
<td>Introduction to Criminology</td>
<td>3</td>
</tr>
<tr>
<td>CRIM 380</td>
<td>Research in Criminal Justice (SEWS)</td>
<td>3</td>
</tr>
<tr>
<td>CRIM 480</td>
<td>Criminal Justice Capstone Seminar (SEWS)</td>
<td>3</td>
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**Collateral Course Requirements**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>cr hrs</th>
</tr>
</thead>
<tbody>
<tr>
<td>SOCI 100</td>
<td>Introduction to Sociology</td>
<td>3</td>
</tr>
<tr>
<td>PSYC 100</td>
<td>Introduction to Psychology</td>
<td>3</td>
</tr>
<tr>
<td>POLS 211</td>
<td>American Government: National</td>
<td>3</td>
</tr>
</tbody>
</table>

One of the following:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>cr hrs</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSYC 280</td>
<td>Statistical Methods for the Social Sciences</td>
<td>3</td>
</tr>
<tr>
<td>MATH 270</td>
<td>Probability and Statistics</td>
<td>3</td>
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</table>

Select 12 hours from the following electives:

**Recommended Electives**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>cr hrs</th>
</tr>
</thead>
<tbody>
<tr>
<td>CRIM 360</td>
<td>Homeland Security</td>
<td>3</td>
</tr>
<tr>
<td>CRIM 497</td>
<td>Practicum in Criminal Justice</td>
<td>1-4</td>
</tr>
<tr>
<td>PHIL 210</td>
<td>Logic and Critical Thinking</td>
<td>3</td>
</tr>
<tr>
<td>SPAN 111</td>
<td>Beginning Spanish I</td>
<td>3</td>
</tr>
<tr>
<td>SPAN 112</td>
<td>Beginning Spanish II</td>
<td>3</td>
</tr>
</tbody>
</table>

Note: Students taking the major in Broadcast Communications may declare the minor in Theatre Arts only if at least 9 credit hours applied to the minor program are not currently applied to the major program.
Other Electives
CRIM 205 Introduction to Law Enforcement 3
CRIM 220 Introduction 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 395/495 Special Topics 3
CRIM 405 Police Administration 3
CRIM 420 Race, Gender and Crime 3
CRIM 450 Political Violence and Terrorism 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

Total 45

Master’s Degree in Criminal Justice
The Criminology and Criminal Justice program at LMU now includes a master’s degree program (MCJ – Masters of Criminal Justice). The mission of the Master of Criminal Justice Program (MCJ) is to provide students with a high-quality education that inspires life-long learning, supports student and faculty development, encourages scholarly exploration and debate, and provides students with an understanding of the foundational principles of American justice. Please visit the online Graduate degree catalog for more information.

Psychology
The Psychology major emphasizes theory, research, practice, and personal growth. It provides the student with strong clinical and research skills for employment and for further training at the graduate level. Students may participate in the Psychology Club and may be selected to Psi Chi, the National Honor Society in Psychology. Students can choose from three different tracks or programs of study in psychology: General Track (GT); Counseling and Practice Track (CPT); and Science and Research Track (SRT).

Any track in psychology can be a pathway leading to the study of medicine. An academic advisor will help a student to choose courses appropriate for the MCAT examination and for preparation for medical school education. Recommended courses for a pathway to medical training include: BIOL111, 111L, 112, 112L, 441, CHEM111, 111L, 112, 112L, 221, 221L, PHYS221, 221L, 212, 212L, and applicable prerequisite courses.

Students may enroll in the Psychology Program at any time, however, courses will only count toward the major with a grade of “C-” or better. Students will be eligible for admission into the Psychology Counseling & Practice Program after the successful completion of PSYC 100, 221-222, 255, 280; the submission of the completed application form; and written recommendations of their psychology program advisor.

During the fall term of their senior year, the students may choose to complete an internship and apply for admission into PSYC 498, their senior seminar and internship psychological services. As psychology majors, students must demonstrate mastery of the four major program competencies. Program competencies and other program requirements are defined in the Psychology Major Student Handbook. The handbook is available from any psychology program advisor.

Psychology (BS) General Track cr hrs

Required of all psychology majors: 9
PSYC 100 Introduction to Psychology 3
PSYC 280 Statistical Methods for the Social Sciences 3
PSYC 380 Research in Psychology 3

Sociocultural: Choose one course 3
PSYC 255 Introduction to Social Psychology
PSYC 314 History and Systems in Psychology
PSYC 315 Theories of Personality
PSYC 340 Abnormal Psychology

Developmental: Choose one course 3
PSYC 221 Child & Adolescent Development
PSYC 222 Adult Development
PSYC 420 Psychology of Aging

Biological Bases: 3
PSYC 475 Neuropsychology

Learning and Cognition: 3
PSYC 394 Cognitive Psychology

Applied Psychology: Choose one course 3
PSYC 370 Educational Psychology
PSYC 450 Health Psychology
PSYC 470 Psychological Tests and Measurements
PSYC 480 Experimental Psychology (SEWS)

Electives in Psychology 9

Total 43

Psychology (BS) Counseling & Practice Track cr hrs

PSYC 100 Introduction to Psychology 3
PSYC 221 Child & Adolescent Development 3
PSYC 222 Adult Development 3
PSYC 255 Introduction to Social Psychology 3
PSYC 280 Statistical Methods for the Social Sciences 3
PSYC 315 Theories of Personality 3
PSYC 340 Abnormal Psychology 3
PSYC 380 Research in Psychology 3
PSYC 394 Cognitive Psychology 3
PSYC 460 Theories of Psychotherapy 4
PSYC 470 Psychological Tests and Measurements 3
PSYC 498 Seminar and Internship in Psychological Services 9

Total 43

59
Psychology (BS) Science and Research Track  cr hrs

<table>
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<th>Course Title</th>
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<tbody>
<tr>
<td>PSYC 100</td>
<td>Introduction to Psychology</td>
<td>3</td>
</tr>
<tr>
<td>PSYC 221</td>
<td>Child &amp; Adolescent Development</td>
<td>3</td>
</tr>
<tr>
<td>PSYC 222</td>
<td>Adult Development</td>
<td>3</td>
</tr>
<tr>
<td>PSYC 255</td>
<td>Introduction to Social Psychology</td>
<td>3</td>
</tr>
<tr>
<td>PSYC 280</td>
<td>Statistical Methods for the Social Sciences</td>
<td>3</td>
</tr>
<tr>
<td>PSYC 314</td>
<td>History and Systems of Psychology</td>
<td>3</td>
</tr>
<tr>
<td>PSYC 315</td>
<td>Theories of Personality</td>
<td>3</td>
</tr>
<tr>
<td>PSYC 340</td>
<td>Abnormal Psychology</td>
<td>3</td>
</tr>
<tr>
<td>PSYC 380</td>
<td>Research in Psychology</td>
<td>3</td>
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<tr>
<td>PSYC 394</td>
<td>Cognitive Psychology</td>
<td>3</td>
</tr>
<tr>
<td>PSYC 470</td>
<td>Psychological Tests and Measurements</td>
<td>3</td>
</tr>
<tr>
<td>PSYC 475</td>
<td>Neuropsychology</td>
<td>3</td>
</tr>
<tr>
<td>PSYC 480</td>
<td>Experimental Psychology</td>
<td>3</td>
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</tbody>
</table>

**Total 42**

*Students who enroll in this track may opt to complete PSYC 488 Senior Thesis (3 hrs) to further their research experience.*

Collateral Requirements:

Biol 111, Chem 111, Math 115

Political Science

The Political Science major emphasizes the institutions and processes of American government, the dynamics of international politics, and the perennial normative questions of political life. The Political Science major enables students to be more competitive for entering law and other professional schools and graduate programs as well as provide them with a wider range of employment opportunities. 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).

Political Science (BA)  cr hrs

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>crs</th>
</tr>
</thead>
<tbody>
<tr>
<td>POLS 211</td>
<td>American Government: National</td>
<td>3</td>
</tr>
<tr>
<td>POLS 497</td>
<td>Political Science Seminar</td>
<td>3</td>
</tr>
<tr>
<td>Choose two</td>
<td>of the following:</td>
<td></td>
</tr>
<tr>
<td>P OLS 212</td>
<td>American. National Government: State and Local</td>
<td>3</td>
</tr>
<tr>
<td>P OLS 240</td>
<td>Introduction to Political Ideas</td>
<td>3</td>
</tr>
<tr>
<td>P OLS 250</td>
<td>Introduction to International Relations</td>
<td>3</td>
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</table>

Collateral Requirement:

PSYC 280  Research in Psychology  3

Electives  15

Choose five of the following:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>crs</th>
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<tbody>
<tr>
<td>P OLS 320</td>
<td>Comparative Politics</td>
<td>3</td>
</tr>
<tr>
<td>P OLS 321</td>
<td>Introduction to Public Administration</td>
<td>3</td>
</tr>
<tr>
<td>P OLS 322</td>
<td>Introduction to Public Policy</td>
<td>3</td>
</tr>
<tr>
<td>P OLS 324</td>
<td>Law and the Judicial System</td>
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</tr>
<tr>
<td>P OLS 331</td>
<td>Introduction to Constitutional Law</td>
<td>3</td>
</tr>
<tr>
<td>P OLS 332</td>
<td>Politics and the Legislative Process</td>
<td>3</td>
</tr>
<tr>
<td>P OLS 335</td>
<td>The Presidency</td>
<td>3</td>
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</table>

POLS 350  American Foreign and Security Policy  3

POLS 441  Liberal Democracy and its Critics  3

POLS 395  Special Topics in Political Science  3

POLS 495  Special Topics in Political Science  3

POLS 498  Internship  1-3

**Total 30**

**Minor Programs**

<table>
<thead>
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<tr>
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<td>Introduction to Criminal Justice</td>
<td>3</td>
</tr>
<tr>
<td>CRIM 210</td>
<td>Criminal Law</td>
<td>3</td>
</tr>
<tr>
<td>CRIM 310</td>
<td>Introduction to Criminology</td>
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<tr>
<td>Electives in Criminal Justice</td>
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</table>

**Total 18**

**Political Science**  cr hrs

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
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<tr>
<td>POLS 211</td>
<td>National Government</td>
<td>3</td>
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<tr>
<td>Choose two</td>
<td>of the following:</td>
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<tr>
<td>P OLS 212</td>
<td>State and Local Government</td>
<td>3</td>
</tr>
<tr>
<td>P OLS 240</td>
<td>American Government: State and Local</td>
<td>3</td>
</tr>
<tr>
<td>P OLS 250</td>
<td>Introduction to International Relations</td>
<td>3</td>
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</table>

Choose at least three of the following:

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<td>P OLS 300</td>
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**Total 18**

**Psychology**  cr hrs

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<th>Course Title</th>
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<tr>
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<td>Introduction to Psychology</td>
<td>3</td>
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<tr>
<td>PSYC 221</td>
<td>Child &amp; Adolescent Development</td>
<td>3</td>
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<tr>
<td>or</td>
<td>PSYC 222  Adult Development</td>
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<tr>
<td>PSYC 280</td>
<td>Research in Psychology</td>
<td>3</td>
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</tbody>
</table>

**Total 18**
DEPARTMENT OF SOCIAL WORK

Mission Statement

The Department of Social Work is committed to providing quality educational experiences for entry-level generalist practice which promotes individual, family, and community well-being, and social/economic justice.

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 internships 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 Internship 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 Internship and the senior 400 level course.

Social Work (BS) cr hrs

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
<th>cr hrs</th>
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<tbody>
<tr>
<td>SOCW 200</td>
<td>Social Work Profession</td>
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<tr>
<td>SOCW 230</td>
<td>Introduction to Social Welfare</td>
<td>3</td>
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<tr>
<td>SOCW 240</td>
<td>Orientation to Practice</td>
<td>3</td>
</tr>
<tr>
<td>SOCW 311</td>
<td>Human Behavior in the Social Environment I</td>
<td>3</td>
</tr>
<tr>
<td>SOCW 312</td>
<td>Human Behavior in the Social Environment II</td>
<td>3</td>
</tr>
<tr>
<td>SOCW 320</td>
<td>Child and Family Welfare</td>
<td>3</td>
</tr>
<tr>
<td>SOCW 330</td>
<td>Human Diversity and Social Justice</td>
<td>3</td>
</tr>
<tr>
<td>SOCW 340</td>
<td>Practice with Individuals</td>
<td>3</td>
</tr>
<tr>
<td>SOCW 380</td>
<td>Social Work Research: Design and Methodology</td>
<td>3</td>
</tr>
<tr>
<td>SOCW 385</td>
<td>Social Work Research: Data Analysis</td>
<td>3</td>
</tr>
<tr>
<td>SOCW 450</td>
<td>Practice with Groups and Families</td>
<td>3</td>
</tr>
<tr>
<td>SOCW 460</td>
<td>Practice with Communities and Organizations</td>
<td>3</td>
</tr>
<tr>
<td>SOCW 470</td>
<td>Social Welfare Policy and Issues</td>
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<tr>
<td>SOCW 480</td>
<td>Social Work Capstone Seminar</td>
<td>4</td>
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<tr>
<td>SOCW 497</td>
<td>Senior Seminar and Internship I</td>
<td>8</td>
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<tr>
<td>SOCW 498</td>
<td>Senior Seminar and Internship II</td>
<td>7</td>
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</tbody>
</table>

Total 58

PROGRAM OF MILITARY SCIENCE STUDIES (ROTC)

Mission Statement

The mission of the LMU Reserve Officers’ Training Corps (ROTC) program is to recruit, train, and commission future officers of the United States Army, as well as provide another dimension of study for all Lincoln Memorial University students, which will give them a better understanding of the soldierly skills required of a leader in the U.S. Army.

Students should develop in the three-fold aspect as a scholar, leader, and athlete. Students should have a basic understanding of military history. Students should be able to perform the basic soldierly skills required to be a leader in the U.S. Army, which include but are not limited to: first aid and safety, ethics, values, organization, community service, basic rifle marksmanship, land navigation, bush craft skills, and physical fitness.

Students should be able to perform those duties required of an officer in the U.S. Army, which include but are not limited to: military law, management, written and verbal communication, tactics, techniques, and procedures. Students who are contracted, should complete all tasks necessary to be commissioned as a U.S. Army officer upon graduation.
SCHOOL OF MATHEMATICS AND SCIENCES

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 programs, 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.

DEPARTMENT OF BIOLOGY

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-med track within the Biology major program.

Department Policy on Course Grades

All students must earn a grade of C– or better in BIOL 111 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 in their major to graduate. This applies to Biology, Pre-med Biology, Biology Professional Secondary Licensure Track, Conservation Biology Research Track, and Conservation Biology Wildlife and Fisheries Management Track.

Major Programs

Biology (BS) cr hrs

Click to view BIOL Course Descriptions.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>cr hrs</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL 311</td>
<td>Int. Vert. Anatomy &amp; Physiology I</td>
<td>4</td>
</tr>
<tr>
<td>BIOL 315</td>
<td>Molecular Genetics</td>
<td>4</td>
</tr>
<tr>
<td>BIOL 320</td>
<td>Principles of Botany</td>
<td>4</td>
</tr>
<tr>
<td>BIOL 336</td>
<td>General Microbiology</td>
<td>4</td>
</tr>
<tr>
<td>BIOL 340</td>
<td>Invertebrate Zoology</td>
<td>4</td>
</tr>
<tr>
<td>BIOL 370</td>
<td>Ecology</td>
<td>4</td>
</tr>
<tr>
<td>BIOL 380</td>
<td>Research Design &amp; Analysis</td>
<td>3</td>
</tr>
<tr>
<td>BIOL 397</td>
<td>Junior Science Seminar</td>
<td>1</td>
</tr>
<tr>
<td>BIOL 410</td>
<td>Evolution</td>
<td>3</td>
</tr>
<tr>
<td>BIOL 497</td>
<td>Senior Science Seminar</td>
<td>1</td>
</tr>
</tbody>
</table>

Select one course from the following:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>cr hrs</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL 312</td>
<td>Int. Vert. Anatomy &amp; Physiology II</td>
<td>4</td>
</tr>
<tr>
<td>BIOL 330</td>
<td>Field Botany</td>
<td>4</td>
</tr>
<tr>
<td>BIOL 483</td>
<td>Research in Biology</td>
<td>4</td>
</tr>
<tr>
<td>CBIO 330</td>
<td>Ichthyology</td>
<td>3</td>
</tr>
<tr>
<td>CBIO 340</td>
<td>Herpetology</td>
<td>4</td>
</tr>
<tr>
<td>CBIO 350</td>
<td>Ornithology</td>
<td>3</td>
</tr>
<tr>
<td>CBIO 360</td>
<td>Mammalogy</td>
<td>1</td>
</tr>
</tbody>
</table>

Total 36

Collateral requirements include: BIOL 111,112, CHEM 111-112, 221-222, MATH 150, MATH 270 is a prerequisite for BIOL 380.

Biology (BS) Pre-med Track cr hrs

Click to view BIOL Course Descriptions.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>cr hrs</th>
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<tbody>
<tr>
<td>BIOL 194</td>
<td>Pre-med Career Seminar</td>
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<tr>
<td>BIOL 311, 312</td>
<td>Integrated Vertebrate A&amp;P I, II</td>
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<tr>
<td>BIOL 315</td>
<td>Molecular Genetics</td>
<td>4</td>
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<tr>
<td>BIOL 334L</td>
<td>General Histology Lab</td>
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<tr>
<td>BIOL 336</td>
<td>General Microbiology</td>
<td>4</td>
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<tr>
<td>BIOL 360</td>
<td>Immunology</td>
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<tr>
<td>BIOL 387</td>
<td>Junior Pre-med Science Seminar</td>
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<tr>
<td>BIOL 441, 442</td>
<td>Biochemistry I, II</td>
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<tr>
<td>BIOL 450</td>
<td>Molecular Cell Biology</td>
<td>4</td>
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<tr>
<td>BIOL 380</td>
<td>Research Design &amp; Analysis</td>
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<tr>
<td>BIOL 487</td>
<td>Senior Pre-med Science Seminar</td>
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</table>

Total 36

Collateral requirements include: BIOL 111, 112, CHEM 111-112, 221-222, COSC 160, MATH 150, 270, PHIL 430, PHYS 211-212, PSYC 100, either PSYC 315 or 340, and SOCI 100.

Biology (BS) Secondary Education Track cr hrs

Click to view BIOL Course Descriptions.

<table>
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<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>cr hrs</th>
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</thead>
<tbody>
<tr>
<td>BIOL 111*, 112</td>
<td>General Biology I, II and Lab</td>
<td>8</td>
</tr>
<tr>
<td>BIOL 311</td>
<td>Integrated Vert. A&amp;P I</td>
<td>4</td>
</tr>
<tr>
<td>BIOL 315</td>
<td>Molecular Genetics</td>
<td>4</td>
</tr>
<tr>
<td>BIOL 321</td>
<td>Botany: Fundamental</td>
<td>4</td>
</tr>
<tr>
<td>BIOL 340</td>
<td>Invertebrate Zoology</td>
<td>4</td>
</tr>
<tr>
<td>BIOL 370</td>
<td>Ecology</td>
<td>4</td>
</tr>
<tr>
<td>BIOL 397</td>
<td>Junior Science Seminar</td>
<td>1</td>
</tr>
<tr>
<td>BIOL 410</td>
<td>Evolution</td>
<td>3</td>
</tr>
<tr>
<td>BIOL 497</td>
<td>Senior Science Seminar</td>
<td>1</td>
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</tbody>
</table>

Total 33

Collateral requirements include: CHEM 111-112, CHEM 220, MATH 150, MATH 270, PHYS 100*, STEM 460, and SCI 100.

*Meets General Education natural science requirement.
### Conservation Biology (BS) Research Track

<table>
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<th>Course</th>
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<tr>
<td>BIOL 315 Molecular Genetics</td>
<td>4</td>
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<tr>
<td>BIOL 370 Ecology</td>
<td>4</td>
</tr>
<tr>
<td>BIOL 380 Research Design &amp; Analysis</td>
<td>3</td>
</tr>
<tr>
<td>BIOL 410 Evolution</td>
<td>3</td>
</tr>
<tr>
<td>CBIO 200 Conservation Biology</td>
<td>3</td>
</tr>
<tr>
<td>CBIO 397 Junior Research Seminar</td>
<td>1</td>
</tr>
<tr>
<td>CBIO 400 Conservation Biology: Application &amp; Analysis</td>
<td>3</td>
</tr>
<tr>
<td>CBIO 421 Geographic Information Systems I</td>
<td>3</td>
</tr>
<tr>
<td>CBIO 422 Geographic Information Systems II</td>
<td>3</td>
</tr>
<tr>
<td>CBIO 497 Senior Research Seminar</td>
<td>1</td>
</tr>
</tbody>
</table>

Select **two** Vertebrate Biodiversity courses: 8
- CBIO 330 Ichthyology
- CBIO 340 Herpetology
- CBIO 350 Ornithology
- CBIO 360 Mammalogy

Select **one** Invertebrate Biodiversity course: 4
- BIOL 340 Invertebrate Zoology
- BIOL 350 Entomology

Select **one** Plant Biodiversity course: 4
- BIOL 320 Principles of Botany
- BIOL 330 Field Botany

Complete **two** semesters of research experience: 2
- CBIO 483 Undergraduate Research in Conservation Biology

Complete **fifteen** credits from the following courses: 15
- BIOL 311 Integrated Vertebrate A&P I
- BIOL 312 Integrated Vertebrate A&P II
- BIOL 336 General Microbiology
- BIOL 441 Biochemistry I
- BIOL 442 Biochemistry II
- BIOL 450 Molecular Cell Biology
- CBIO 210 Wildlife Management
- CBIO 220 Freshwater Fisheries Management
- CBIO 250 Soils
- CBIO 370 Land Use & Environmental Policy
- CBIO 410 Environmental Issues in Appalachia
- CBIO 420 Wetland Ecosystems
- CBIO 430 Terrestrial Ecosystems
- CBIO 440 Freshwater Aquatic Ecosystems
- CHEM 221 Organic Chemistry I
- CHEM 222 Organic Chemistry II
- CHEM 230 Environmental Chemistry
- GEOG 300 Environmental Geography

**Total 62**

### Conservation Biology (BS) Wildlife & Fisheries Management Track

<table>
<thead>
<tr>
<th>Course</th>
<th>credits</th>
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</thead>
<tbody>
<tr>
<td>BIOL 290 Writing in the Life Sciences</td>
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</tr>
<tr>
<td>BIOL 315 Molecular Genetics</td>
<td>4</td>
</tr>
<tr>
<td>BIOL 370 Ecology</td>
<td>4</td>
</tr>
<tr>
<td>BIOL 380 Research Design &amp; Analysis</td>
<td>3</td>
</tr>
<tr>
<td>CBIO 200 Conservation Biology</td>
<td>3</td>
</tr>
<tr>
<td>CBIO 210 Wildlife Management</td>
<td>3</td>
</tr>
<tr>
<td>CBIO 220 Freshwater Fisheries Management</td>
<td>4</td>
</tr>
<tr>
<td>CBIO 330 Ichthyology</td>
<td>4</td>
</tr>
<tr>
<td>CBIO 250 Soils</td>
<td>4</td>
</tr>
<tr>
<td>CBIO 370 Land Use &amp; Environmental Policy</td>
<td>3</td>
</tr>
<tr>
<td>CBIO 397 Junior Research Seminar</td>
<td>1</td>
</tr>
<tr>
<td>CBIO 400 Conservation Biology: Application &amp; Analysis</td>
<td>3</td>
</tr>
<tr>
<td>CBIO 421 Geographic Information Systems I</td>
<td>3</td>
</tr>
<tr>
<td>CBIO 422 Geographic Information Systems II</td>
<td>3</td>
</tr>
<tr>
<td>CBIO 497 Senior Research Seminar</td>
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</tr>
</tbody>
</table>

Select **two** Vertebrate Biodiversity courses: 8
- CBIO 340 Herpetology
- CBIO 350 Ornithology
- CBIO 360 Mammalogy

Select **one** Invertebrate Biodiversity course: 4
- BIOL 340 Invertebrate Zoology
- BIOL 350 Entomology

Complete **two** Plant Biodiversity courses: 8
- BIOL 320 Principles of Botany
- BIOL 330 Field Botany

Select **two** Ecosystems courses from the following: 6
- CBIO 420 Wetland Ecosystems
- CBIO 430 Terrestrial Ecosystems
- CBIO 440 Freshwater Aquatic Ecosystems

**Total 70**

**Collateral requirements include:**
- BIOL 111-112, CHEM 100, ECON 212, MATH 110, 270, PHIL 420, and SOCI 100.

**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 62**
Minor Programs

Biology

<table>
<thead>
<tr>
<th>Course</th>
<th>cr hrs</th>
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</thead>
<tbody>
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<tr>
<td>BIOL 315</td>
<td>4</td>
</tr>
<tr>
<td>BIOL 320</td>
<td>4</td>
</tr>
<tr>
<td>BIOL 370</td>
<td>4</td>
</tr>
<tr>
<td>Select one 300/400-level course in Zoology</td>
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</table>

**Total 24**

**Note:** The minor in Biology is not available to students who take the major in Conservation Biology.

Conservation Biology

<table>
<thead>
<tr>
<th>Course</th>
<th>cr hrs</th>
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</thead>
<tbody>
<tr>
<td>BIOL 370 Ecology</td>
<td>4</td>
</tr>
<tr>
<td>CBIO 200 Conservation Biology</td>
<td>3</td>
</tr>
<tr>
<td>CBIO 400 Conservation Biology: Application &amp; Analysis</td>
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</tr>
</tbody>
</table>

Select two Biodiversity Courses from the following: 8

<table>
<thead>
<tr>
<th>Course</th>
<th>cr hrs</th>
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</thead>
<tbody>
<tr>
<td>BIOL 330 Field Botany</td>
<td></td>
</tr>
<tr>
<td>BIOL 340 Invertebrate Zoology</td>
<td></td>
</tr>
<tr>
<td>CBIO 330 Ichthyology</td>
<td></td>
</tr>
<tr>
<td>CBIO 340 Herpetology</td>
<td></td>
</tr>
<tr>
<td>CBIO 350 Ornithology</td>
<td></td>
</tr>
<tr>
<td>CBIO 360 Mammology</td>
<td></td>
</tr>
</tbody>
</table>

**Total 18**

**Note:** The minor in Conservation Biology is not available to students who take the major in Biology.

DEPARTMENT OF CHEMISTRY AND PHYSICS

Mission Statement

The Department of Chemistry and Physics 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 areas of the physical sciences. Graduates of the Department of Chemistry and Physics 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 areas of the physical sciences. Students pursuing a career in medicine, pharmacy, optometry, dentistry, or veterinary medicine should consider taking the pre-med track within the Chemistry major program.

Department Policy on Course Grades

All students must earn a grade of C– or better in CHEM 111 and lab to enroll in CHEM 112.

All students must earn a grade of C– or better in CHEM 221 and lab to enroll in CHEM 222.

All students must earn a grade of C– or better in PHYS 211 and lab to enroll in PHYS 212.

Major Programs

Chemistry (BS)

<table>
<thead>
<tr>
<th>Course</th>
<th>cr hrs</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHEM 221,222 Organic Chemistry I, II</td>
<td>8</td>
</tr>
<tr>
<td>CHEM 310 Mathematical Methods in Chemistry</td>
<td>4</td>
</tr>
<tr>
<td>CHEM331, 332 Quantitative and Instrumental Analysis I, II</td>
<td>8</td>
</tr>
<tr>
<td>CHEM 397 Junior Science Seminar</td>
<td>1</td>
</tr>
<tr>
<td>BIOL 441 Biochemistry I</td>
<td>4</td>
</tr>
<tr>
<td>CHEM 451, 452 Physical Chemistry I, II</td>
<td>8</td>
</tr>
<tr>
<td>CHEM 460 Inorganic Chemistry</td>
<td>3</td>
</tr>
<tr>
<td>CHEM 497 Senior Science Seminar</td>
<td>1</td>
</tr>
</tbody>
</table>

**Total 37**

Collateral requirements include: CHEM 111-112, MATH 150, MATH 250, and PHYS 211-212.
### Chemistry (BS) Pre-med Track

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL 311, 312</td>
<td>Integrated Vertebrate Anatomy and Physiology I &amp; II</td>
<td>8</td>
</tr>
<tr>
<td>BIOL 315</td>
<td>Molecular Genetics</td>
<td>4</td>
</tr>
<tr>
<td>BIOL 336</td>
<td>General Microbiology</td>
<td>4</td>
</tr>
<tr>
<td>BIOL 441</td>
<td>Biochemistry I</td>
<td>4</td>
</tr>
<tr>
<td>CHEM 221, 222</td>
<td>Organic Chemistry I, II</td>
<td>8</td>
</tr>
<tr>
<td>CHEM 310</td>
<td>Mathematical Methods in Chemistry</td>
<td>4</td>
</tr>
<tr>
<td>CHEM 331, 332</td>
<td>Quantitative and Instrumental Analysis I, II</td>
<td>8</td>
</tr>
<tr>
<td>CHEM 397</td>
<td>Junior Science Seminar</td>
<td>1</td>
</tr>
<tr>
<td>CHEM 451, 452</td>
<td>Physical Chemistry I, II</td>
<td>8</td>
</tr>
<tr>
<td>CHEM 460</td>
<td>Inorganic Chemistry</td>
<td>3</td>
</tr>
<tr>
<td>CHEM 497</td>
<td>Senior Science Seminar</td>
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</tr>
</tbody>
</table>

**Total 53**

**Collateral requirements include:**
- BIOL 111-112, MATH 150, MATH 250, MATH 270, PHYS 211-212. CHEM 111-112 are prerequisites for CHEM 221.

### Chemistry (BS) Secondary Teacher Licensure Track

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHEM 112</td>
<td>General Chemistry II</td>
<td>4</td>
</tr>
<tr>
<td>CHEM 221, 222</td>
<td>Organic Chemistry I, II</td>
<td>8</td>
</tr>
<tr>
<td>CHEM 310</td>
<td>Mathematical Methods in Chemistry</td>
<td>4</td>
</tr>
<tr>
<td>CHEM 331, 332</td>
<td>Quantitative and Instrumental Analysis I, II</td>
<td>8</td>
</tr>
<tr>
<td>CHEM 397</td>
<td>Junior Science Seminar</td>
<td>1</td>
</tr>
<tr>
<td>BIOL 441</td>
<td>Biochemistry I</td>
<td>4</td>
</tr>
<tr>
<td>CHEM 451/452</td>
<td>Physical Chemistry I or II</td>
<td>4</td>
</tr>
<tr>
<td>CHEM 460</td>
<td>Inorganic Chemistry</td>
<td>3</td>
</tr>
<tr>
<td>CHEM 497</td>
<td>Senior Science Seminar</td>
<td>1</td>
</tr>
</tbody>
</table>

**Total 37**

**Collateral requirements include:**
- CHEM 111, MATH 150, MATH 250, PHYS 211-212, and STEM 460. Students preparing for initial teacher licensure in Chemistry should consult the chair of the Department of Undergraduate Education regarding other requirements.

### Chemical Physics (BS)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHEM 111-112</td>
<td>General Chemistry I, II</td>
<td>8</td>
</tr>
<tr>
<td>CHEM 221-222</td>
<td>Organic Chemistry I, II</td>
<td>8</td>
</tr>
<tr>
<td>MATH/CHEM 310</td>
<td>Math Methods in Chemistry</td>
<td>4</td>
</tr>
<tr>
<td>CHEM 331-332</td>
<td>Quantitative and Instrumental Analysis I, II</td>
<td>8</td>
</tr>
<tr>
<td>CHEM 397</td>
<td>Junior Science Seminar</td>
<td>1</td>
</tr>
<tr>
<td>CHEM 451-452</td>
<td>Physical Chemistry I, II</td>
<td>8</td>
</tr>
<tr>
<td>CHEM 460</td>
<td>Inorganic Chemistry</td>
<td>3</td>
</tr>
<tr>
<td>CHEM 497</td>
<td>Senior Science Seminar</td>
<td>1</td>
</tr>
<tr>
<td>PHYS 211, 215</td>
<td>General Physics I</td>
<td>5</td>
</tr>
<tr>
<td>PHYS 212, 216</td>
<td>General Physic II</td>
<td>5</td>
</tr>
<tr>
<td>PHYS 320</td>
<td>Modern Physics</td>
<td>3</td>
</tr>
<tr>
<td>PHYS 350</td>
<td>Introduction to Electronics</td>
<td>3</td>
</tr>
</tbody>
</table>

**Total Hours 57**

**Collateral requirements include:** MATH 150 and MATH 250

### Chemical Physics (BS) Secondary Teacher Licensure Track

<table>
<thead>
<tr>
<th>Course Code</th>
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</tr>
</thead>
<tbody>
<tr>
<td>CHEM 111-112</td>
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<td>CHEM 221-222</td>
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<td>CHEM 397</td>
<td>Junior Science Seminar</td>
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</tr>
<tr>
<td>CHEM 497</td>
<td>Senior Science Seminar</td>
<td>1</td>
</tr>
<tr>
<td>PHYS 320</td>
<td>Modern Physics</td>
<td>3</td>
</tr>
<tr>
<td>PHYS 350</td>
<td>Electronics</td>
<td>3</td>
</tr>
<tr>
<td>PHYS 211, 215</td>
<td>General Physics I</td>
<td>5</td>
</tr>
<tr>
<td>PHYS 212, 216</td>
<td>General Physic II</td>
<td>5</td>
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</tbody>
</table>

**Total Hours 38**

**Collateral requirements include:** MATH 150 and MATH 250

Students preparing for initial teacher licensure in Chemical Physics should consult the chair of the Undergraduate Department of Education regarding other requirements.

### Minor Programs

#### Chemistry

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHEM 111, 112</td>
<td>General Chemistry I, II</td>
<td>8</td>
</tr>
<tr>
<td>CHEM 221, 222</td>
<td>Organic Chemistry I, II</td>
<td>8</td>
</tr>
<tr>
<td>CHEM 451, 452</td>
<td>Physical Chemistry I, II</td>
<td>8</td>
</tr>
<tr>
<td>CHEM 331</td>
<td>Quantitative and Instrumental Analysis I, II</td>
<td>4</td>
</tr>
<tr>
<td>BIOL 441</td>
<td>Biochemistry I</td>
<td>4</td>
</tr>
</tbody>
</table>

**Total 20**
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 Lincoln Memorial University 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.

Major Programs
Mathematics (BS)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>COSC 160</td>
<td>Intro. to Comp. Program for Math &amp; Sci.</td>
<td>3</td>
</tr>
<tr>
<td>MATH 250</td>
<td>Calculus II</td>
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</tr>
<tr>
<td>MATH 255</td>
<td>Calculus III</td>
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</tr>
<tr>
<td>MATH 270</td>
<td>Probability and Statistics</td>
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</tr>
<tr>
<td>MATH 300</td>
<td>Intro to Advanced Math</td>
<td>3</td>
</tr>
<tr>
<td>MATH 350</td>
<td>Differential Equations</td>
<td>3</td>
</tr>
<tr>
<td>MATH 360</td>
<td>Linear Algebra</td>
<td>3</td>
</tr>
<tr>
<td>MATH 450</td>
<td>Intro to Real Analysis</td>
<td>3</td>
</tr>
<tr>
<td>MATH 460</td>
<td>Modern Algebra</td>
<td>3</td>
</tr>
<tr>
<td>MATH Elective 300/400 level*</td>
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<td></td>
</tr>
<tr>
<td>MATH Elective 300/400 level*</td>
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<td></td>
</tr>
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</table>

Total 35

Collateral requirements include:
MATH 120, 150 as necessary pre-requisites depending on placement scores.

Minor Programs
Mathematics

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 250</td>
<td>Calculus II</td>
<td>4</td>
</tr>
<tr>
<td>MATH 255</td>
<td>Calculus III</td>
<td>4</td>
</tr>
<tr>
<td>MATH 270</td>
<td>Probability and Statistics</td>
<td>3</td>
</tr>
<tr>
<td>MATH 300</td>
<td>Intro to Advanced Math</td>
<td>3</td>
</tr>
<tr>
<td>MATH Elective 300/400 level*</td>
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<tr>
<td>MATH Elective 300/400 level*</td>
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<td></td>
</tr>
</tbody>
</table>

Total 20

*Excluding MATH 310 and 470

Collateral requirements include:
MATH 120, 150 as necessary pre-requisites depending on placement scores.
SCHOOL OF BUSINESS

Mission Statement
The mission of the School of Business is to prepare leaders who are able to meet and exceed the challenges of today's integrated world economy, who can balance ethics and social responsibility with the creation of profits and wealth for the betterment of society.

Strategy
We seek to attract students with high leadership potential to engage in an academically rigorous and continually improving business education that builds upon the knowledge of foundational business concepts. This business education will enable our students to balance ethics and social responsibility and the creation of profits and wealth in a global economy. The School also promotes the balance between teaching excellence and research that impacts our students so that they may engage the world in a meaningful way. We are also committed to providing service to the tristate region of Kentucky, Tennessee, and Virginia, through our teaching, research, and service.

Academic Progression Requirement
School of Business students must earn a C or better in all business courses required to complete the major. A student not earning a C must repeat the course. The course may be repeated only once. A student earning below a C in any four required core or major courses will not be allowed to continue in the major.

Degrees Offered
The School of Business offers one associate degree, four baccalaureate degree programs and one formal minor program. However, a student may take a minimum of eighteen hours of business courses and declare a minor in business. These programs are designed to prepare students for careers in academics, for-profit, and non-profit organizations.

The Associate of Business Administration (ABA) degree prepares the student to develop knowledge, understanding, and development of critical thinking and technical skills and abilities required within the realm of business and business studies.

The Bachelor of Business Administration (BBA) degree requires the completion of the business core courses (36 credit hours) and one BBA Major (24 semester credit hours) from those detailed.

The Bachelor of Arts in Business (BA) degree requires the completion of the business core curriculum. The BA degree provides a solid foundation of knowledge and skills in general business practices, is open to all students and can serve as a second major. This is the degree for students seeking licensure in secondary business education. It also provides an alternative to the BA for the student who might discover an interest in business during the later portion of an undergraduate program of study.

The Bachelor of Science in Sport Management (BS) degree requires the completion of the sport management core (45 semester credit hours) plus 12 semester credit hours of business classes. The degree is designed to introduce sport industry concepts to the students. In addition, it will serve as a base to prepare students for entry level employment in the field through networking and internship experiences.

The Bachelor of Science in Organizational Learning & Leadership (OL&L) is designed for students who have earned 60 transferable semester credit hours. The program requires 54 semester credit hours of study that can be completed over four semesters. Other coursework may be required to meet degree requirements. Additional information about this program is available in the 2016-2017 OL&L catalog.

Associate of Business Administration (ABA)

I. Lincoln Seminar
   LNCN 100  Lincoln’s Life and Legacy  1

II. Academic Skills
   COMM 200  Fundamentals of Speech Communication  3
   ENGL 101  Composition I or Honors English  3
   ENGL 102  Composition II  3
   ISYS 100  Computer Literacy  2

Choose one of the following courses:
   MATH 105  Transitional College Mathematics  3
   MATH 110  Reasoning & Problem Solving  3
   MATH 115  College Algebra  3
   MATH 120  Trigonometry  3
   MATH 150  Differential Calculus  4
   MATH 270  Probability and Statistics  3

III. History
Choose one of the following courses:
   HIST 121  World History to 1500  3
   HIST 122  World History since 1500  3
   HIST 131  American History to 1870  3
   HIST 132  American History since 1870  3

IV. Fine Arts, Humanities & Ethics
   BUSN 250  Business Ethics and Social Responsibility  3

V. Social/Behavioral Sciences
   ECON 211  Principles of Macroeconomics  3
   ECON 212  Principles of Microeconomics  3

VI. Natural/Physical Sciences
Choose one of the following content and associated lab courses:
   BIOL 100 & Lab Introduction to Biology  4
   BIOL 111 & Lab General Biology I  4
   CHEM 100 & Lab Introduction to Chemistry  4
   CHEM 111 & Lab General Chemistry I  4
   PHYS 100 & Lab Introduction to Physics  4
   SCI 100 & Lab Introduction to Earth Science  4
   Total General Education  31
VII. Business Associate Core

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACCT 210</td>
<td>Financial Accounting</td>
<td>3</td>
</tr>
<tr>
<td>ACCT 211</td>
<td>Managerial Accounting</td>
<td>3</td>
</tr>
<tr>
<td>BUSN 260</td>
<td>Business Analytical Tools</td>
<td>3</td>
</tr>
<tr>
<td>BUSN 270</td>
<td>Business Statistics</td>
<td>3</td>
</tr>
<tr>
<td>BUSN 310</td>
<td>International Business</td>
<td>3</td>
</tr>
<tr>
<td>FIN 360</td>
<td>Corporate Finance</td>
<td>3</td>
</tr>
<tr>
<td>MGMT 300</td>
<td>Principles of Management</td>
<td>3</td>
</tr>
<tr>
<td>MKTG 300</td>
<td>Principles of Marketing</td>
<td>3</td>
</tr>
<tr>
<td>Business Elective</td>
<td></td>
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<tr>
<td>Business Elective</td>
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</tbody>
</table>

Total Business Core 30

Degree Total 61-62

Bachelor of Business Administration (BBA) Degree

Mission Statement
The Bachelor of Business Administration Degree at Lincoln Memorial University prepares students with foundational concepts in business. Graduates will have a business foundation in accounting, communications, economics, ethics, finance, information systems, international business, law, management, marketing, quantitative analysis, statistics, and strategy.

Learning Goals
1. Bachelor of Business Administration degree in business will demonstrate knowledge and skills to lead and manage in diverse and global organizational environments.
2. A Bachelor of Business Administration degree business will demonstrate proficiency in the use and application of pertinent business technology.
3. A Bachelor of Business Administration degree will demonstrate specific functional knowledge in the areas of accounting, finance, economics, management, marketing, and quantitative methods.
4. A Bachelor of Business Administration degree in business will demonstrate an understanding of the influence of political, social, legal, and regulatory issues in business.
5. A Bachelor of Business Administration degree will demonstrate an awareness of ethical and environmental issues in business.

BBA CORE

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACCT 210</td>
<td>Financial Accounting</td>
<td>3</td>
</tr>
<tr>
<td>ACCT 211</td>
<td>Managerial Accounting</td>
<td>3</td>
</tr>
<tr>
<td>ECON 211</td>
<td>Principles of Macroeconomics</td>
<td>3</td>
</tr>
<tr>
<td>ECON 212</td>
<td>Principles of Microeconomics</td>
<td>3</td>
</tr>
<tr>
<td>BUSN 270</td>
<td>Business Statistics</td>
<td>3</td>
</tr>
<tr>
<td>BUSN 310</td>
<td>International Business</td>
<td>3</td>
</tr>
<tr>
<td>BUSN 350</td>
<td>Business Communications</td>
<td>3</td>
</tr>
<tr>
<td>BUSN 350x</td>
<td>Junior Writing Requirement</td>
<td>0</td>
</tr>
<tr>
<td>BUSN 440</td>
<td>Legal and Ethical Environ. of Business</td>
<td>3</td>
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<td>BUSN 440z</td>
<td>Senior Writing Requirement</td>
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<tr>
<td>BUSN 450</td>
<td>Business Strategy</td>
<td>3</td>
</tr>
<tr>
<td>FIN 360</td>
<td>Corporate Finance</td>
<td>3</td>
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<tr>
<td>MGMT 300</td>
<td>Principles of Management</td>
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<td>MKTG 300</td>
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<td>Business Elective</td>
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<td>3</td>
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<tr>
<td>Business Elective</td>
<td></td>
<td>3</td>
</tr>
</tbody>
</table>

Total 36

Note: Collateral requirements include BUSN 260.

Major and Focus

In this option, a student will choose a major in ACCT, FIN, PGM, MGMT, MKTG, SMBM or General Business. The student and their advisor will then select 24 hours from the major, of which at least 6 cr hrs must be 300/400 level courses. This does not include business core course requirements.

Major Areas:
1. ACCT (Accounting)
2. FIN (Finance)
3. PGM (Professional Golf Management)
4. MGMT (Management)
5. MKTG (Marketing)
6. SBME (Small Business Management and Entrepreneurship)*
7. General Business (Complete 24 credits from the 300/400-level with 3 separate prefixes. These courses exclude those from the business core.)

*Requires completion of MGMT 340 and MKTG 450

Note: Collateral requirements include BUSN 260.

Note: Students preparing for teacher licensure in Basic Business should complete the requirements for the Bachelor of Arts in Business degree, as well as the required courses for the Professional Secondary Education Track (BA).

Accounting Major (BBA)

Mission Statement
The mission of the Accounting Major is to provide students with a comprehensive foundation in accounting concepts, principles, and ethics by advancing the profession through excellence in accounting education, use of technology, research, and outreach activities. The Major prepares students to obtain accounting certifications, to pursue advanced degrees, and for practice in a diverse business setting.

Learning Goals
1. Students will demonstrate accounting competency and skills to lead and manage in diverse and global organizational environments.
2. Students will demonstrate proficiency in the use and application of pertinent business accounting technology to include interpersonal skills, persuasive writing and presentation skills.
3. Students will demonstrate specific functional knowledge in the areas of accounting.
4. Students will demonstrate an understanding of the influence of political, social, legal, and regulatory issues in business and how it relates to the accounting profession.
5. Students will demonstrate knowledge of ethical and environmental issues in the accounting profession.

Accounting Major Core

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACCT 310</td>
<td>Intermediate Accounting I</td>
<td>3</td>
</tr>
<tr>
<td>ACCT 311</td>
<td>Intermediate Accounting II</td>
<td>3</td>
</tr>
<tr>
<td>ACCT 320</td>
<td>Cost Management I</td>
<td>3</td>
</tr>
<tr>
<td>ACCT 321</td>
<td>Cost Management II</td>
<td>3</td>
</tr>
<tr>
<td>ACCT 330</td>
<td>Income Tax</td>
<td>3</td>
</tr>
</tbody>
</table>

Click to view ACCT Course Descriptions.

Note: Collateral requirements include BUSN 260.

2016-2017
ACCT 430  Accounting Information System  3
ACCT 440  Auditing  3
Choose one of the following courses:
   ACCT 312  Intermediate Accounting III*  3
   ACCT 410  Government & Not-for-Profit Account  3
   ACCT 420  International Accounting  3
   ACCT 498  Internship in Accounting  3
Total Accounting Major Hours  24

Note: *Students should consult a faculty advisor in Accounting regarding CPA requirements, which vary according to state.

Finance Major (BBA)
Mission Statement
The Finance major supports the general mission of the School of Business at Lincoln Memorial University. The Finance major prepares students for careers in general business, investments, commercial banking, small business ownerships and entrepreneurship, financial planning and international institutions. The major requires graduates to incorporate comprehensive and relevant financial theories with competencies in economics, statistics, information systems management and ethics to solve complex problems, make value-added decisions and mitigate and manage evolving business risks. The major meets the general standards used by major accrediting bodies in measuring quality programs in higher education.

Learning Goals
1. Students will use an integrative approach to solve complex financial problems and challenges by combining relevant financial theories and other applicable theories from disciplines such as economics, statistics, ethics and information systems.
2. Students will apply their enhanced knowledge of financial theories in managing and mitigating domestic and global financial risks.
3. Students will give high priority to ethical considerations when making value-added financial decisions.
4. Students will use relevant research and critical thinking skills when solving financial problems and making financial decisions.

Finance Major Core  cr hrs
Click to view FIN Course Descriptions.
ACCT 420  International Accounting  3
BUS 380  Personal Finance  3
BUSN 460  Managerial Finance  3
FIN 310  Finance for Small Business Owners & Entrepreneurs  3
FIN 370  Financial Markets & Institutions  3
FIN 420  Advanced Financial Management  3
FIN 430  Financial Forecasting & Budgeting  3
FIN 440  Seminar in Finance  3
Total Finance Major Hours  24

Management Major (BBA)
Mission Statement
The mission of the Management major is to prepare students for diverse and innovative managerial and professional positions in the global marketplace. The Management major focuses on providing students with the knowledge and skills to analyze problems, communicate solutions, make decisions and understand the impact of their decisions.

Learning Goals
1. Students will apply knowledge and skills in the principles of management to lead and manage in diverse and global organizational environments.
2. Students will demonstrate proficiency in the use and application of current and pertinent business technology to support the function of management.
3. Students will demonstrate specific functional knowledge in the areas of accounting, finance, economics, information systems, management, marketing, and quantitative methods to solve management problems.
4. Students will demonstrate an understanding of the influence of political, social, legal, economic, cultural, environmental and regulatory issues in business from a managerial perspective.
5. Students will demonstrate knowledge of ethical, social and environmental issues and how they relate to managerial decision making in business.

Management Major Core  cr hrs
Click to view MGMT Course Descriptions.
MGMT 310  Operations Management  3
MGMT 330  Human Resource Management  3
MGMT 420  Fundamentals of Leadership Behavior  3
MGMT 460  Organizational Theory  3
BUSN 498  Internship  3
Business Elective (300/400 level)  9
Total Management Major Hours  24
Marketing Major (BBA)
Mission Statement
The mission of the Marketing major is to provide an environment of excellence in marketing education that serves the diverse needs of our stakeholders. The major prepares students by developing specialized skills in the management of communications, customer relationships, and the delivery of value to customers.

Learning Goals
1. Students will apply the knowledge of marketing concepts and theories appropriately.
2. Students will assess strategic marketing problems and opportunities, and develop recommendations to solve marketing problems.
3. Students will perform qualitative and quantitative analysis to solve marketing problems.
4. Students will interpret and appraise ethical issues related to marketing.
5. Students will compose marketing plans and recommendations through written and oral expression.

Marketing Major Core

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>cr hrs</th>
</tr>
</thead>
<tbody>
<tr>
<td>MKTG 310</td>
<td>Advertising</td>
<td>3</td>
</tr>
<tr>
<td>MKTG 330</td>
<td>Consumer Behavior</td>
<td>3</td>
</tr>
<tr>
<td>MKTG 340</td>
<td>Brand Management</td>
<td>3</td>
</tr>
<tr>
<td>MKGT 420</td>
<td>Sales Management</td>
<td>3</td>
</tr>
<tr>
<td>MKTG 430</td>
<td>Marketing Management</td>
<td>3</td>
</tr>
<tr>
<td>MKTG 440</td>
<td>Marketing Research</td>
<td>3</td>
</tr>
<tr>
<td>MKTG 497</td>
<td>Marketing Strategy</td>
<td>3</td>
</tr>
<tr>
<td>BUSN 498 or Marketing Elective (300/400)</td>
<td></td>
<td>3</td>
</tr>
</tbody>
</table>

Total Marketing Major Hours 24

Professional Golf Management (PGM) (BBA)
Mission Statement
The Professional Golf Management major stands in support of the LMU School of Business’s mission as a Major option. The major prepares students to enter the golf industry by providing a comprehensive business education. Golf Management students at LMU will be prepared in the major with the understanding of the business of golf, facilities management, and marketing. Our mission will be accomplished by offering an experiential golf curriculum, golf facility access, and assistance in job placement.

Learning Goals
1. Students will demonstrate knowledge and skills to lead and manage in diverse and global organizational environments in the field of professional golf management.
2. Students will demonstrate proficiency in the use and application of pertinent professional golf management business technology.
3. Student will demonstrate specific functional knowledge in the areas of accounting, finance, economics, management, marketing and quantitative methods as it relates to professional golf management.
4. Student will demonstrate an understanding of the influence of political, social, legal, and regulatory issues in business.
5. Students will demonstrate knowledge of ethical and environmental issues in the field of professional golf management.

PGM Major Core

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>cr hrs</th>
</tr>
</thead>
<tbody>
<tr>
<td>PGM 210</td>
<td>Introduction to Golf Management</td>
<td>3</td>
</tr>
<tr>
<td>PGM 300</td>
<td>Principles of Professional Golf Instruction</td>
<td>3</td>
</tr>
<tr>
<td>PGM 310</td>
<td>Golf Operations Management</td>
<td>3</td>
</tr>
<tr>
<td>PGM 320</td>
<td>Golf Facility Human Resources Mgmt</td>
<td>3</td>
</tr>
<tr>
<td>PGM 360</td>
<td>Golf Operation Marketing</td>
<td>3</td>
</tr>
<tr>
<td>PGM 410</td>
<td>Golf Tournament Operations</td>
<td>3</td>
</tr>
<tr>
<td>PGM 420</td>
<td>Turfgrass Management</td>
<td>3</td>
</tr>
<tr>
<td>PGM 498</td>
<td>PGM Internships</td>
<td>3</td>
</tr>
</tbody>
</table>

Total PGM Major Hours 24
Small Business Management and Entrepreneurship (SBME)

Mission Statement
The Small Business Management and Entrepreneurship (SBME) major stands in support of the mission of the School of Business at LMU. The mission of the SBME major is to prepare students to enter the work force as entrepreneurial leaders, owners, and visionaries of small businesses.

Learning Goals
1. Students will identify business opportunities and niche markets not currently being satisfied.
2. Students will demonstrate the knowledge and skills necessary to formulate, implement and evaluate business plans.
3. Students will analyze the external environment and design a strategic marketing plan on the budget of a small business.
4. Students will demonstrate the knowledge and skills necessary to manage a small business in a global market.
5. Students will evaluate the needs of all stakeholders through a complete understanding of social, environmental and economic concerns.

SBME Major Core

Click to view SBME Course Descriptions.

<table>
<thead>
<tr>
<th>Course</th>
<th>cr hrs</th>
</tr>
</thead>
<tbody>
<tr>
<td>SBME 341</td>
<td>3</td>
</tr>
<tr>
<td>SBME 443</td>
<td>3</td>
</tr>
<tr>
<td>SBME 320</td>
<td>3</td>
</tr>
<tr>
<td>SBME 410</td>
<td>3</td>
</tr>
</tbody>
</table>

Choose four of the following courses:
- BUSN 380 Personal Finance
- MGMT 330 Operations Management
- MGMT 310 HR Management
- MGMT 414 Negotiations in Organizations
- MKTG 310 Advertising
- MKTG 468 E-Commerce
- MKTG 420 Sales Management
- MKTG 430 Marketing Management
- MKTG 440 Marketing Research
- SBME 498 Entrepreneurship Internship

Total SBME Major Hours 24

Bachelor of Arts in Business (BA)

Mission Statement
The Bachelor of Arts Degree prepares students with foundational concepts in business. Graduates will have a business foundation in accounting, communications, economics, ethics, finance, information systems, international business, law, management, marketing, quantitative analysis, statistics, and strategy.

Learning Goals
1. A Bachelor of Arts in Business will demonstrate knowledge and skills to lead and manage in diverse and global organizational environments.
2. A Bachelor of Arts in Business will demonstrate proficiency in the use and application of pertinent business technology.
3. A Bachelor of Arts in Business will demonstrate specific functional knowledge in the areas of accounting, finance, economics, management, marketing, and quantitative methods.
4. A Bachelor of Arts in Business will demonstrate an understanding of the influence of political, social, legal, and regulatory issues in business.
5. A Bachelor of Arts in Business will demonstrate an understanding of ethical and environmental issues in business.

Program Core

Required Courses

<table>
<thead>
<tr>
<th>Course</th>
<th>cr hrs</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACCT 210</td>
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<tr>
<td>ACCT 211</td>
<td>3</td>
</tr>
<tr>
<td>ECON 211</td>
<td>3</td>
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<tr>
<td>ECON 212</td>
<td>3</td>
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<td>BUSN 270</td>
<td>3</td>
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<td>BUSN 310</td>
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<td>BUSN 440</td>
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<td>FIN 360</td>
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<tr>
<td>MGMT 301</td>
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</table>

Core total 36

Professional Secondary Education Track (BA)

Required Courses

<table>
<thead>
<tr>
<th>Course</th>
<th>cr hrs</th>
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<tbody>
<tr>
<td>EDUC 210</td>
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</tr>
<tr>
<td>EDUC 290</td>
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</tr>
<tr>
<td>SPED 320</td>
<td>3</td>
</tr>
<tr>
<td>EDUC 360</td>
<td>2</td>
</tr>
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<td>EDUC 370</td>
<td>3</td>
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<tr>
<td>EDUC 390</td>
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<td>EDUC 460</td>
<td>3</td>
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<tr>
<td>EDUC 480</td>
<td>2</td>
</tr>
<tr>
<td>EDUC 497</td>
<td>12</td>
</tr>
<tr>
<td>PSYC 221</td>
<td>3</td>
</tr>
<tr>
<td>PSYC 370</td>
<td>3</td>
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<tr>
<td>SPED 270</td>
<td>2</td>
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</tbody>
</table>

*Candidates in secondary licensure programs are not required to adhere to transition; however, they must meet the same requirements for provisional and formal admissions.
Bachelor of Science in Sport Management (BS)
The Bachelor of Science in Sport Management is designed to introduce sport industry concepts to the students. In addition, it will serve as a base to prepare students for entry level employment in the field through networking and internship experiences.

Learning Goals
1. Students will demonstrate an understanding of the structure of a sport management job hierarchy
2. Students will demonstrate the ability to implement a marketing plan in a practical sport management situation
3. Students will demonstrate an ability to set corporate objectives in a practical sport situation
4. Students will demonstrate an ability to reach corporate objectives through implementation of managerial models in an actual sport education corporate project
5. Students will demonstrate knowledge of basic marketing principles
6. Students will demonstrate knowledge of current trends in sport management
7. Students will demonstrate knowledge of international sport management opportunities
8. Students will demonstrate the ability to interact with sport professionals
9. Students will demonstrate the ability to complete a corporate proceedings manual
10. Students will demonstrate the ability to develop a personal web page
11. Students will demonstrate the ability to effectively use technology in completing practical applications in the field of sport management.

Sport Management (BS)
Click to see SMT Course Descriptions

<table>
<thead>
<tr>
<th>Program Core:</th>
<th>cr hrs</th>
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<tbody>
<tr>
<td>SMT 100</td>
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<tr>
<td>SMT 110</td>
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<tr>
<td>SMT 200</td>
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</tr>
<tr>
<td>SMT 210</td>
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</tr>
<tr>
<td>SMT 300</td>
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<tr>
<td>SMT 310</td>
<td>3</td>
</tr>
<tr>
<td>SMT 320</td>
<td>3</td>
</tr>
<tr>
<td>SMT 330</td>
<td>3</td>
</tr>
<tr>
<td>SMT 340</td>
<td>3</td>
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<td>SMT 350</td>
<td>3</td>
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<tr>
<td>SMT 400</td>
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<tr>
<td>SMT 400z</td>
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</tr>
<tr>
<td>SMT 410</td>
<td>3</td>
</tr>
<tr>
<td>SMT 490</td>
<td>3</td>
</tr>
<tr>
<td>SMT 498</td>
<td>1-6</td>
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<td></td>
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<table>
<thead>
<tr>
<th>Required Business Courses:</th>
<th>cr hrs</th>
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</thead>
<tbody>
<tr>
<td>MKTG 300</td>
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</tr>
<tr>
<td>BUSN 350</td>
<td>3</td>
</tr>
<tr>
<td>BUSN 350x</td>
<td>0</td>
</tr>
<tr>
<td>MGMT 300</td>
<td>3</td>
</tr>
<tr>
<td>BUSN 310</td>
<td>3</td>
</tr>
</tbody>
</table>

Working with their advisor, students will select one of the three optional concentrations to complete the program of study:

Concentration Options

Professional Golf Management Concentration – (24 cr hrs + 2 Elective cr hrs)
- PGM 310 Golf Operations Management 3
- PGM 320 Golf Facility Human Resources Management 3
- PGM 360 Golf Operation Marketing 3
- PGM 498 Internship 3

Professional Golf Management Concentration Electives:
- PGM 210 Introduction to Golf Management 3
- PGM 300 Principles of Professional Golf Instr. 3
- PGM 410 Golf Tournament Operations 3
- PGM 420 Turfgrass Management 3

Athletic Administration Concentration – (26 cr hrs)
- AAD 100 Coaching Principles 3
- AAD 300 Diversity in Sport 3
- AAD 310 Sports Information 3
- AAD 320 Athletics Development 3
- AAD 400 Athletics Administration 3
- AAD 498 Internship (practicum) 11

Elective Hours – (26 cr hrs)
If the student does not choose one of the concentration options above, the Sport Management Program Director can assist in designing an approved concentration.

Organizational Learning & Leadership (BS)
Bachelor of Science in Organizational Learning & Leadership (OL&L) is designed to student who have 60 semester credit hours of college credit. Specific program information may be obtained from the OL&L catalog.

Minor Program

Information Systems
- ISYS 220 Principles of Applied Business Programming 3
- ISYS 320 Data Communications and Networking 3
- ISYS 430 Information Security 3
- ISYS 450 Project Management Development 3
- ISYS 480 Business Systems Analysis and Design 3
- ISYS 498 Internship 3

Total 18

General Business
- ACCT 210 Financial Accounting 3
- ECON 211 Principles of Macroeconomics 3
- ECON 212 Principles of Microeconomics 3
- FIN 360 Corporate Finance 3
- MGMT 300 Principles of Management 3
- MKTG 300 Principles of Marketing 3

Total 18
CARTER AND MOYERS SCHOOL OF EDUCATION
CAEP Accredited Program

Initial Teacher Licensure Undergraduate Program

Mission Statement
The Carter and Moyers School of Education of Lincoln Memorial University is dedicated to preparing professional educators of distinction who embody the three core ideals of Values, Education, and Service in candidates who:

- Demonstrate the dispositions of the education profession. (Values)
- Articulate and demonstrate the knowledge base of moral, social and political dimensions, which will impact individual students, schools, districts, and communities for the enrichment of society. (Values)
- Demonstrate the teaching skills and learning strategies acquired through rigorous academic studies and active engagement in real life classroom experiences while involved in field and clinical placement in partner P-12 Schools. (Education)
- Promote lifelong learning through continued professional development and scholarship. (Education)
- Assist in meeting the educational needs of a global society, especially the underserved. (Service)
- Articulate an understanding that all students can learn as well as demonstrate the dispositions to serve and teach diverse student populations. (Service)

Unit Commitment to Diversity
The School of Education recognizes differences among group of people and individuals based on ethnicity, race, socioeconomic status, gender, exceptionalities, language, religion, sexual orientation, and geographical area. The unit 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 diversity. Experiences provided for candidates include working with diverse populations, including higher education and P-12 school faculty, candidates, and students in P-12 schools.

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 National Council for Accreditation of Teacher Education standards. Lincoln Memorial University 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.

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 Program
Admission to Lincoln Memorial University does not ensure admission into the Initial Teacher Licensure Undergraduate Program. Candidates must complete the provisional admissions process during Transition I. The provisional admissions process is initiated during the candidates’ enrollment in EDUC 290. Criteria and procedures for admission into the program are as follows:

Provisional Admission:
Candidates will:
1. complete the application form and submit with the following documents:
   a. TBI Fingerprint Criminal Background Check;
   b. three professional references, not to include School of Education faculty;
   c. philosophy of education essay (completed in EDUC 290);
2. submit proof of scores from one of the following:
   a. ACT of 22 or higher
   b. SAT of 1020 or higher
   c. CASE scores as follow: reading: 156; writing: 162; math 150;
3. cumulative GPA of 3.0;
4. score a minimum of 3 on the dispositions interview;
5. submit a declaration of major form;
6. submit a signed ethics/plagiarism form;
7. submit a signed travel acknowledgment form;
8. submit proof of liability insurance (to be maintained throughout entire program);
9. submit evidence of attendance at no less than two professional development workshops;

Formal Admission
Formal admission typically occurs during Transition II or III and cannot occur until provisional admission status is achieved. The following additional requirements apply:
Candidates will:
1. submit proof of renewal of liability insurance;
2. submit proof of cumulative GPA of 3.0;
3. provide proof of current CPR certification;
4. submit evidence of attendance at no less than four approved professional development workshops;
5. complete successful formal admission interview.
Professional Education Core  

<table>
<thead>
<tr>
<th>Course</th>
<th>cr hrs</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDUC 210 Instructional Technology and Learning Resources*</td>
<td>3</td>
</tr>
<tr>
<td>EDUC 290 The Reflective Teacher</td>
<td>3</td>
</tr>
<tr>
<td>SPED 320 K-12 Differentiated Learning</td>
<td>3</td>
</tr>
<tr>
<td>EDUC 390 Diversity in Today’s Classroom</td>
<td>2</td>
</tr>
<tr>
<td>EDUC 480 Classroom Management</td>
<td>2</td>
</tr>
<tr>
<td>EDUC 497 Enhanced Clinical Experience/Seminar</td>
<td>12</td>
</tr>
<tr>
<td>PSYC 221 Child and Adolescent Development*</td>
<td>3</td>
</tr>
<tr>
<td>PSYC 370 Educational Psychology</td>
<td>3</td>
</tr>
<tr>
<td>SPED 270 Teaching the Exceptional Learner</td>
<td>2</td>
</tr>
</tbody>
</table>

*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 beyond EDUC 210, 290, SPED 270 and SPED 320 until ACT, SAT, or CASE testing requirements are met.

**Interdisciplinary Studies in Human Learning and Development (BS)**

[Click to view EDUC Course Descriptions]

**Major Core:**

- CDEV 400 Integrated Creative Expression 3 cr hrs
- CDEV 450 Early Childhood Development 3 cr hrs
- EDUC 310 Introduction to Research and Technical Writing in Education (SEWS) 1 cr hrs
- EDUC 340 Instructional and Assessment Strategies 3 cr hrs
- EDUC 350 Methods of Teaching Elementary Science 3 cr hrs
- EDUC 355 Methods of Teaching Social Studies 3 cr hrs
- EDUC 375 Children’s Literature 3 cr hrs
- EDUC 420 Reading Diagnosis and Correction 3 cr hrs
- EDUC 420Z SR SEWS Requirement 0 cr hrs
- EDUC 440 Methods of Teaching Literacy In the Elementary School 3 cr hrs
- EDUC 450 Methods of Teaching Elementary Math 3 cr hrs
- HLTH 340 School Health Programs and Services 3 cr hrs
- PEXS 344 Human Learning and Psychomotor Development 3 cr hrs
- Choose 18 hrs in one or more emphasis area to include: 18
- 1 English, 1 Social Studies, 1 Math, 1 Science
- Remaining 6 hours electives from the four areas.

**Secondary Licensure:**

Secondary students seeking teacher licensure must successfully complete the following Professional Education Core and Secondary Education major core in addition to any major content area requirements in order to earn LMU recommendation for teacher licensure.

**Secondary Education Major Core**

<table>
<thead>
<tr>
<th>Course</th>
<th>cr hrs</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDUC 360 Secondary Instructional Methods and Strategies</td>
<td>2</td>
</tr>
<tr>
<td>EDUC 460 Methods of Instruction in Secondary School*</td>
<td>3</td>
</tr>
<tr>
<td>EDUC 370 Measurement and Evaluation</td>
<td>3</td>
</tr>
</tbody>
</table>

*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 provisional and formal admissions.

**Clinical Experience:** Some education courses require 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.

**Special Education**

The [special education 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.

**Special Education: Comprehensive K-12 (BS)**

[Click to view SPED Course Descriptions]

**Major Core:**

- CDEV 400 Integrated Creative Expression 3 cr hrs
- EDUC 310 Intro to Research and Technical Writing in Education (SEWS) 1 cr hrs
- EDUC 375 Children’s Literature 3 cr hrs
- EDUC 420 Reading Diagnosis and Correction 3 cr hrs
- EDUC 450 Methods of Teaching Elementary Math 3 cr hrs
- HLTH 340 School Health 3 cr hrs
- PEXS 344 Human Learning & Psychomotor Development 3 cr hrs
- PSYC 280 Statistical Methods for Social Sciences 3 cr hrs
- PSYC 394 Cognitive Psychology 3 cr hrs
- SPED 180 IEP Development, Assessment, and Family School Collaboration 3 cr hrs
- SPED 190 Family School Collaboration 3 cr hrs
- SPED 210 Managing Academic and Social Behavior of Students with Disabilities 3 cr hrs
- SPED 230 Characteristics and Communication of Students with Severe Disabilities 3 cr hrs
- SPED 330 Methods of Instruction and Support for Students with Severe Disabilities 3 cr hrs
- SPED 400 Methods of Literacy, Language,
and Communication 3
SPED 420 Transition and Employment for Students with Disabilities 3
SPED 490 Research to Practice in Special Education Seminar (SEWS) 3

**English as a 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 ELL’s English language skills and provide ELLs and other diverse students with access to the same robust curriculum designed for all students.

**Interdisciplinary Studies in Human Learning and English Language Learners (BS) (Certification Track)**

**Major Core:**
- CDEV 400 Integrated Creative Expression 3
- CDEV 450 Early Childhood Development 3
- 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 310 Introduction to Research and Technical Writing in Education (SEWS) 3
- EDUC 340 Instructional and Assessment Strategies 3
- EDUC 350 Methods of Teaching Elementary Science 3
- EDUC 355 Methods of Teaching Social Studies 3
- EDUC 375 Children’s Literature 3
- EDUC 420 Reading Diagnosis and Correction 3
- EDUC 420 SR SEWS 3
- EDUC 440 Methods of Literacy in the Elementary 3
- EDUC 450 Methods of Teaching Elementary Math 3
- ENGL 360 The English Language 3
- HLTH 340 School Health Programs and Services 3
- PEXS 344 Human Learning and Psychomotor Development 3
- Foreign Language (same language) 6

**NOTE:** Passing score on PRAXIS language exam can result in waiver of foreign language requirement. Six hours of elective coursework must be taken.

**Interdisciplinary Studies in Human Learning and English Language Learners (BS)**

<table>
<thead>
<tr>
<th>Major Core</th>
<th>cr hrs</th>
</tr>
</thead>
<tbody>
<tr>
<td>CDEV 400 Integrated Creative Expression</td>
<td>3</td>
</tr>
<tr>
<td>CDEV 450 Early Childhood Development</td>
<td>3</td>
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<tr>
<td>EDSL 200 Foundations of Language Acquisition</td>
<td>3</td>
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<tr>
<td>EDSL 320 Assessment and Characteristics of English Language Learners</td>
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<tr>
<td>EDSL 330 Methods of Instruction and Support For English Language Learners</td>
<td>3</td>
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<tr>
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<tr>
<td>EDUC 340 Instructional and Assessment Strategies</td>
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<td>EDUC 350 Methods of Teaching Elementary Science</td>
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<td>EDUC 355 Methods of Teaching Social Studies</td>
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<tr>
<td>EDUC 375 Children’s Literature</td>
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<td>EDUC 420 Reading Diagnosis and Correction</td>
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<td>EDUC 440 Methods of Literacy in the Elementary</td>
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</tr>
<tr>
<td>EDUC 450 Methods of Teaching Elementary Math</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 360 The English Language</td>
<td>3</td>
</tr>
<tr>
<td>HLTH 340 School Health Programs and Services</td>
<td>3</td>
</tr>
<tr>
<td>PEXS 344 Human Learning and Psychomotor Development</td>
<td>3</td>
</tr>
</tbody>
</table>

Choose six hours from English, Science, Social Studies or Math courses.

**Student Advising**

After acceptance to the University, candidates who are pursuing Initial Teacher Licensure Undergraduate programs are assigned an education faculty advisor at the time of program application. The education 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 each semester with the Initial Teacher Licensure Undergraduate faculty advisor. Students pursuing a major in secondary and K-12 education will be assigned an advisor for the Initial Teacher Licensure Undergraduate and a faculty advisor from the respective secondary education department.

**Note:** Candidates should expect to be required to travel outside the main campus for selected clinical field experience during a portion of the program, to include schools in other counties.
Trade and Industrial Occupational Licensure
Endorsement Program

The Trade and Industrial licensure program (grades 9-12) is an 18 credit-hour endorsement program with non-degree status designed to allow trade and industrial teachers to receive licensure in their area. The program is in accordance with the Tennessee State Board of Education Guidelines for endorsement in Trade and Industrial Education and uses knowledge and skills specified in the Professional Education Core of the Tennessee State Board of Education Teacher Licensure Standards and incorporates the Instructional Standards of Quality as adopted by the National Association of Industrial and Technical Teacher Educators (NAITTE). The courses are restricted and students must contact the program director for admission.

Contact Information:
Office of Initial Teacher Licensure Undergraduate
Business Education Building 227
Telephone: 423-869-6330
Web site: www.lmunet.edu/education
Email: sylvia.lynch@lmunet.edu

Office of Teacher Certification/Testing
Business Education Building 214
Telephone: 423-869-6405
Email: erin.brock@lmunet.edu

Office of Candidate Development/Services
Business Education Building 219
Telephone: 423-869-6253
Email: sue.england@lmunet.edu

Trade & Industrial Occupational Licensure
Endorsement Program
Telephone: 865-660-8334, or 423-869-6405
Email: rick.grubb@lmunet.edu
CAYLOR SCHOOL OF NURSING

Undergraduate Nursing

Mission Statement

In response to the University's mission, Nursing was established as a major in 1974 with the Associate of Nursing (ASN) Degree. Because of the growing health care needs of the region, Nursing expanded the ASN program to extended sites and initiated the Registered Nurse (RN) to Bachelor of Science in Nursing (BSN) program in 1987. The Caylor School of Nursing’s mission "seeks to respond to the needs of nursing education and health care in the surrounding communities by preparing nurses at multiple levels.”

Therefore, the Master of Science in Nursing (MSN) degree was established in 2006 to offer nurses further education options and provide surrounding communities with advanced practice nurses to meet identified health care needs. In Fall 2010, the BSN generic option commenced in response to state and community needs. In 2015, CSON further expanded the Bachelor of Science (BSN) program. Also in 2015, in response to national demands of higher levels of preparation of nurse leaders who can design and assess care, CSON launched an online post-Master’s Doctor of Nursing Practice (DNP) program. Presently, the Caylor School of Nursing offers MSN concentrations as a Family Nurse Practitioner, Nurse Anesthetist, and Family Psychiatric & Mental Health Nurse Practitioner and offers a post-Master’s DNP with two concentrations: administration or advanced practice nursing.

Caylor School of Nursing 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.

Purpose

Responding to the needs of nursing education and health care of the people of the region, Lincoln Memorial University 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, Lincoln Memorial University 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.

Both the associate and baccalaureate undergraduate degree programs are approved by the Tennessee Board of Nursing; the associate degree program is also approved by the Kentucky Board of Nursing. Furthermore, the associate and the baccalaureate undergraduate degree programs are accredited by the Accreditation Commission for education in Nursing, Inc. (ACEN), Inc. 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:

3343 Peachtree Road NE, Suite 850
Atlanta, GA 30326
Phone: 404-975-5000
Fax: 404-975-5020
Web: www.acenursing.org

Associate of Science in Nursing (ASN)
The Associate of Science in Nursing program will:

- Prepare technical nurses who can care for individuals with common, recurrent, predictable health problems
- Prepare graduates eligible to write the National Council Licensure Examination for Registered Nurses (NCLEX-RN)
- Provide a foundation for continued education in nursing

Graduates of the ASN program 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 Tennessee and Kentucky Boards of Nursing may be found as follows: TN Rule 1000-01; KY Rule 201KAR 20: 070.

Please be aware that in certain academic programs requiring internship or placement, a criminal background check and an additional 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.

ASN Admission Requirements

Students must first be admitted to the University before formally applying for admission to the ASN program. Admission to the University, however, does not guarantee admission to the ASN program. 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, number of repeated courses and withdrawals, and grade improvement over time.

Admission is based on the following:

- Admission to Lincoln Memorial University
- Formal application for admission to the program
- Completion of BIOL 230, BIOL 261, and BIOL 262, with grades no lower than “C”, 2.5 or higher cumulative GPA, and at least 15 credit hours at LMU
- High school graduation with a high school GPA of 3.0 or higher (on a 4.0 scale) and ACT composite score of 20 or higher (or 840 on the SAT)
- General transfer students as well as nursing transfer students will be considered on space available basis

Requirements for LPNs desiring to be in the ASN program:

- Be a graduate of a practical nursing program
- Show proof of a valid non-restricted LPN license:
- Have validation of one year 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 Lincoln Memorial University
- Apply and be accepted into the ASN Program (see aforementioned ASN Admission requirements)

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
- Current negative chest x-ray or PPD tuberculin skin test; 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
- Current CPR certification (must include adult, child and infant training)
- Proof of medical insurance coverage
- Completed and signed Student Essential Functions Form

The Admissions Committee will review all applicants’ materials. Applicants will be considered based on admission criteria; admission is competitive. 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.

The Lincoln Liberal Arts Core
Associate of Science in Nursing Program

I. Lincoln Seminars  
**Click to view LNCN Course Descriptions.**
LNCN 100  Lincoln’s Life and Legacy  1

II. Academic Skills
COMM 200  Fundamentals of Speech Communication  3
ENGL 101  Composition I  3
Choose one of the following courses  3
MATH 105  Transitional College Mathematics
MATH 110  Reasoning and Problem Solving
MATH 115  College Algebra
MATH 120  Trigonometry
MATH 150  Calculus I
MATH 270  Probability and Statistics

Technology
ISYS 100  Computer Literacy  2

III. Ethics, Fine Arts, History, or Humanities  
Choose one course from the following:  3
ART 100  Art Appreciation
ART 381  Survey of Art History I
ART 382  Survey of Art History II
BUSN 250  Business Ethics and Social Responsibility
THEA 100  Introduction to Theatre

MCOM 410  Media Law and Ethics
ENGL 102  Composition II
HIST 121  World History to 1500
HIST 122  World History since 1500
HIST 131  American History to 1877
HIST 132  American History since 1877
MUSC 100  Music Appreciation
MUSC 468  Survey of World Music
PHIL 100  The Meaning of Life
PHIL 200  Introduction to Philosophy
PHIL 420  Ethics
PHIL 430  Medical Ethics
REL 210  Survey of the Old Testament
REL 220  Survey of the New Testament
REL 310  Comparative World Religions
REL 315  Comparative Christianity

IV. Social/Behavioral Science  
PSYC 221*  Child and Adolescent Psychology  3

*PSYC 221 counts concurrently toward LMU’s social science general education requirement and a nursing licensure requirement. 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 221 as a nursing licensure requirement.

V. **Natural Sciences  
**Click to view BIOL Course Descriptions.**
BIOL 230  Microbiology  4
BIOL 261  Human Anatomy & Physiology I  4
BIOL 262  Human Anatomy & Physiology II  4

Total 30

**All of the courses listed in this category 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. Total Credit Hours 30.
ASA Nursing Component

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>cr hrs</th>
</tr>
</thead>
<tbody>
<tr>
<td>NURS 115</td>
<td>Foundations of Nursing</td>
<td>6</td>
</tr>
<tr>
<td>NURS 124</td>
<td>Humans as Adaptive Systems</td>
<td>5</td>
</tr>
<tr>
<td>NURS 125</td>
<td>Humans as Adaptive Systems:</td>
<td>6</td>
</tr>
<tr>
<td></td>
<td>Promotion of Adaptation in</td>
<td></td>
</tr>
<tr>
<td></td>
<td>the Physiologic Mode</td>
<td></td>
</tr>
<tr>
<td>NURS 126</td>
<td>Humans as Adaptive Systems:</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Promotion of Adaptation in</td>
<td></td>
</tr>
<tr>
<td></td>
<td>the Psychosocial Modes</td>
<td></td>
</tr>
<tr>
<td>NURS 241</td>
<td>Promotion of Adaptation in</td>
<td>7</td>
</tr>
<tr>
<td></td>
<td>Adults (I)</td>
<td></td>
</tr>
<tr>
<td>NURS 242</td>
<td>Promotion of Adaptation in</td>
<td>6</td>
</tr>
<tr>
<td></td>
<td>Adults (II)</td>
<td></td>
</tr>
<tr>
<td>NURS 244</td>
<td>Promotion of Adaptation in</td>
<td>5</td>
</tr>
<tr>
<td></td>
<td>Adults (II)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>(required for LPN-RN students</td>
<td></td>
</tr>
<tr>
<td></td>
<td>in place of NURS 242)</td>
<td></td>
</tr>
<tr>
<td>NURS 245</td>
<td>Promotion of Adaptation in</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Children</td>
<td></td>
</tr>
<tr>
<td>NURS 246</td>
<td>Promotion of Adaptation in</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Childbearing Families</td>
<td></td>
</tr>
<tr>
<td>NURS 290</td>
<td>Nursing Seminar</td>
<td>2</td>
</tr>
</tbody>
</table>

*Nursing Total 36

ASA Program Total 66-67

*LPN-RN students: This includes eight (8) credits 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.

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.

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, Physiology and/or Microbiology (including labs for these 3 courses) earned more than eight years ago cannot be transferred (unless 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.

ASA 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. This means 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 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.

A comprehensive ATI exam will be administered in the last semester, and must be passed in order to graduate. See appropriate syllabi for ATI course policy.

ASA Grading Scale

The LMU Grading System is based on a 4.0 scale.

The grading scale for the ASN Program is as follows:

<table>
<thead>
<tr>
<th>Grade</th>
<th>90-100</th>
<th>87-89</th>
<th>80-86</th>
<th>77-79</th>
<th>70-76</th>
<th>67-69</th>
<th>60-66</th>
<th>Below 60</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>4.00</td>
<td>3.33</td>
<td>3.00</td>
<td>2.33</td>
<td>2.00</td>
<td>1.33</td>
<td>1.00</td>
<td>0.00</td>
</tr>
</tbody>
</table>

2016-2017
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).

## Bachelor of Science in Nursing (BSN Option)

### The BSN Program will:
- Prepare the baccalaureate nurse as a generalist, caring for individuals, families, community groups and society at any point on the wellness-illness continuum.
- Prepare BSN Option graduates eligible to write the National Council Licensure Examination for Registered Nurses (NCLEX-RN).
- Provide RN-BSN Option students with an opportunity for career mobility for the associate degree and diploma educated Registered Nurse.
- Provide a foundation for continued education in nursing.

A student must successfully complete a total of 128 credit hours to be eligible for graduation; 68 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 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 Tennessee Board of Nursing may be found as follows: TN Rule 1000-01-.13, (2-5).

Please be aware that in certain academic programs requiring internship or placement, a criminal background check, and an additional 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.

Admission criteria for the BSN Option include:
- Admission to Lincoln Memorial University.
- 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 LNCN 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 nursing program the student must submit:
- A completed physical examination form.
- Evidence of a negative chain of custody urine drug screen.
- Current negative chest x-ray or PPD tuberculin skin test; 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.
- Current CPR certification (must include adult, child and infant training).
- Proof of medical insurance coverage.
- Completed and signed Student Essential Functions Form.

The Admissions Committee will review all applicants’ materials. Applicants will be considered based on admission criteria; admission is competitive. 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.

### The Lincoln Liberal Arts Core

#### Bachelor of Science in Nursing Program (BSN Option)

Students enrolled in the BSN Option of the Bachelor of Science in Nursing Program must complete 68 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 below 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 LNCN 300 courses at any time during the BSN Program.

#### I. Lincoln Seminars

<table>
<thead>
<tr>
<th>Course</th>
<th>cr hrs</th>
</tr>
</thead>
<tbody>
<tr>
<td>LNCN 100</td>
<td>Lincoln’s Life and Legacy</td>
</tr>
<tr>
<td>LNCN 300</td>
<td>American Citizenship/Civic Life</td>
</tr>
</tbody>
</table>

#### II. Academic Skills

<table>
<thead>
<tr>
<th>Course</th>
<th>cr hrs</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENG 101</td>
<td>Composition I</td>
</tr>
<tr>
<td>ENG 102</td>
<td>Composition II</td>
</tr>
<tr>
<td>ENG 310</td>
<td>Writing about American Culture</td>
</tr>
<tr>
<td>COMM 200</td>
<td>Fund. of Speech Communication</td>
</tr>
<tr>
<td>MATH 270</td>
<td>Statistics*</td>
</tr>
</tbody>
</table>

#### Technology

<table>
<thead>
<tr>
<th>Course</th>
<th>cr hrs</th>
</tr>
</thead>
<tbody>
<tr>
<td>ISYS 100</td>
<td>Computer Literacy</td>
</tr>
</tbody>
</table>

#### III. Personal Development

<table>
<thead>
<tr>
<th>Course</th>
<th>cr hrs</th>
</tr>
</thead>
<tbody>
<tr>
<td>HLTH 210</td>
<td>Nutrition*</td>
</tr>
</tbody>
</table>

Choose one of the following to satisfy

<table>
<thead>
<tr>
<th>Course</th>
<th>cr hrs</th>
</tr>
</thead>
<tbody>
<tr>
<td>ART 100</td>
<td>Art Appreciation</td>
</tr>
<tr>
<td>ART 381</td>
<td>Survey of Art History I</td>
</tr>
<tr>
<td>ART 382</td>
<td>Survey of Art History II</td>
</tr>
<tr>
<td>MUSC 100</td>
<td>Music Appreciation</td>
</tr>
</tbody>
</table>
MUSC 486 Survey of World Music  
MCOM 410 Media Law and Ethics  
THEA 100 Introduction to Theater  
THEA 340 Survey of Dramatic Literature  
BUSN 250 Business Ethics and Social Responsibility  
GEOG 350 Geography of Religion  
HNRS 200 Meaning and Service in a Diverse World  
PHIL 100 The Meaning of Life  
PHIL 200 Introduction of Philosophy  
PHIL 420 Ethics  
PHIL 430 Medical Ethics  
REL 210 Survey of the Old Testament  
REL 220 Survey of the New Testament  
REL 310 Comparative World Religions  
REL 315 Comparative Christianity

### IV. History  
<table>
<thead>
<tr>
<th>CR/HRS</th>
</tr>
</thead>
</table>
| HIST 121 | World History to 1500 | 3  
| HIST 122 | World History Since 1500 or | 3  
| HIST 131 | American History to 1870 | 3  
| HIST 132 | American History Since 1870 | 3  

### V. Fine Arts  
<table>
<thead>
<tr>
<th>CR/HRS</th>
</tr>
</thead>
</table>
| Fine Arts Requirement (see page 33) | 3  

### VI. Social/Behavioral Sciences  
<table>
<thead>
<tr>
<th>CR/HRS</th>
</tr>
</thead>
</table>
| PSYC 221 | Child/Adolescent Development* | 3  
| Elective (see page 34) | 3  

### VII. Natural/Physical Sciences  
<table>
<thead>
<tr>
<th>CR/HRS</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL 100</td>
</tr>
<tr>
<td>BIOL 111</td>
</tr>
</tbody>
</table>
| BIOL 112 | General Biology II & Lab* | 4  
| BIOL 230 | Microbiology & Lab* | 4  
| BIOL 261 | Human Anatomy and Physiology I & Lab* | 4  
| BIOL 262 | Human Anatomy and Physiology II & Lab* | 4  
| CHEM 100 | Introduction to Chemistry & Lab or |  
| CHEM 111 | General Chemistry I & Lab or |  
| CHEM 112 | General Chemistry II & Lab* | 4  

### VIII. Other  
|  
| Elective | 5  

*Indicates Collateral courses required for the BSN Program.

**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 Site. The program at the at the Harrogate Site is based on traditional semester and will be Fall I, Spring I, Fall II, and Spring II.

**BSN Option Core Curriculum**  
<table>
<thead>
<tr>
<th>CR/HRS</th>
</tr>
</thead>
</table>
| NURS 310 | Pharmacology to Promote Adaptation | 3  
| NURS 320 | Concepts and Fundamentals of Professional Nursing | 7  
| NURS 330 | Health Assessment of Humans as Adaptive Systems | 3  
| NURS 340 | Foundations of Nursing Informatics | 3  
| NURS 350 | Pathophysiology of Ineffective Human Responses | 3  
| NURS 360 | Promotion of Adaptation: Young, Middle, and Elderly Adults | 8  
| NURS 375 | Promotion of Adaptation in Groups, Communities, and Transcultural Societies | 5  
| NURS 415 | Promotion of Adaptation in Newborns, Women, and Childbearing Families | 5  
| NURS 425 | Promotion of Adaptation in Infants, Children, and Adolescents | 5  
| NURS 430 | Nursing Research | 3  
| NURS 435 | Promotion of Psychosocial Adaptation | 5  
| NURS 460 | Promotion of Adaptation: Young, Middle, and Elderly Adults | 5  
| NURS 470 | Professional Nursing Role Development/Preceptorship | 4  
| NURS 480 | Senior Nursing Seminar | 1  

**BSN Option Total 60**

**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 BSN Program Chair on their registration form.
**Bachelor of Science in Nursing (RN-BSN Option)**

The RN-BSN Program will:

- Prepare the baccalaureate nurse as a generalist, caring for individuals, families, community groups and society at any point on the wellness-illness continuum.
- Provide RN-BSN Option students with an opportunity for career mobility for the associate degree and diploma educated Registered Nurse.
- Provide a foundation for continued education in nursing.

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 128 credit hours to be eligible for graduation; 49 required general education credit hours, and 29 required RN-BSN Nursing credit hours. Other hours will be applied from prior program completion to total of 128 credit hours.

**Please be aware that in certain academic programs requiring internship or placement, a criminal background check, and an additional 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-BSN 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.

Admission criteria for the RN-BSN program include:

- Admission to Lincoln Memorial University.
- Formal application for admission to the CSON RN-BSN Program.
- Satisfactory completion of general education and program course requirements (non-degree holding transfer students may take LNCN 100 and LNCN 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.
- Current negative chest x-ray or PPD tuberculin skin test; Rubella, Ruboela & 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.
- Current CPR certification (must include adult, child and infant training).
- Proof of medical insurance coverage.

- Completed and signed Student Essential Functions Form. The Admissions Committee will review all applicants’ materials. Applicants will be considered based on admission criteria; admission is competitive. 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.

**The Lincoln Liberal Arts Core**

**Bachelor of Science in Nursing Program (RN-BSN Option)**

Students enrolled in the RN-BSN Option of the Bachelor of Science in Nursing Program must complete 49 general education credit hours. Students admitted to the program who have earned a Bachelor’s Degree (or higher) will be required to meet the 5 general education program requirements if not obtained already. These include: PSYC 221, MATH 270, BIOL 230, BIOL 261 and BIOL 262. It is recommended that the student will have completed the required general education prior to being the nursing course, however, students who do not have a Bachelor’s Degree may take LNCN 100 and LNCN 300 courses at any time during the BSN Program.

### I. Lincoln Seminars  
**cr hrs**

- LNCN 100 Lincoln’s Life and Legacy  
  - 1
- LNCN 300 American Citizenship/Civic Life  
  - 1

### II. Academic Skills  
**cr hrs**

- ENG 101 Composition I  
  - 3
- ENG 102 Composition II  
  - 3
- ENG 310 Writing about American Culture  
  - 3
- COMM 200 Fund. of Speech Communication  
  - 3
- MATH 270 Statistics*  
  - 3

### Technology  
**cr hrs**

- ISYS 100 Computer Literacy  
  - 2

### III. Personal Development  
**cr hrs**

Choose one of the following to satisfy  

- ART 100 Art Appreciation  
- ART 381 Survey of Art History I  
- ART 382 Survey of Art History II  
- MUSC 100 Music Appreciation  
- MUSC 468 Survey of World Music  
- MCOM 410 Media Law and Ethics  
- THEA 100 Introduction to Theater  
- THEA 340 Survey of Dramatic Literature  
- BUSN 250 Business Ethics and Social Responsibility  
- GEOG 350 Geography of Religion  
- HNRS 200 Meaning and Service in a Diverse World  
- PHIL 100 The Meaning of Life  
- PHIL 200 Introduction of Philosophy  
- PHIL 420 Ethics  
- PHIL 430 Medical Ethics  
- REL 210 Survey of the Old Testament  
- REL 220 Survey of the New Testament  
- REL 310 Comparative World Religions  
- REL 315 Comparative Christianity

### IV. History  
**cr hrs**

- HIST 121 World History to 1500  
  - 3
- HIST 122 World History Since 1500 or
HIST 131  American History to 1870  3
HIST 132  American History since 1870  3

V. Fine Arts  cr hrs
Fine Arts Requirement (see page 33)  3

VI. Social/Behavioral Sciences  cr hrs
PSYC 221  Child/Adolescent Development*  3
Elective  (see page 34)  3

VII. Natural/Physical Sciences  cr hrs
BIOL 230  Microbiology & Lab*  4
BIOL 261  Human Anatomy and Physiology I & Lab*  4
BIOL 262  Human Anatomy and Physiology II & Lab*  4

Total 49

*Indicates Collateral courses required for the BSN Program.

RN-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 two sequential semesters: Fall and Spring.

RN-BSN Option Core Curriculum  cr hrs

Click to view NURS Course Descriptions.

NURS 300  Transitions to Professional Nursing  2
NURS 310  Pharmacology to Promote Adaption  3
NURS 330  Health Assessment of Humans as Adaptive Systems  3
NURS 340  Foundations of Nursing Informatics  3
NURS 350  Pathophysiology of Ineffective Human Response  3
NURS 375  Promotion of Adaptation in Groups, Communities, and Transcultural Societies  5
NURS 390  Promotion of Adaptation in the Elderly  2
NURS 430  Nursing Research  3
NURS 470  Professional Nursing Role Development/Preceptorship  4
NURS 490  Senior Nursing Seminar for Registered Nurses  1

RN-BSN Option Total 29

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 BSN Program Chair on their registration form.

Transfer of Credit for the BSN Program

Up to 68 credit hours of general education courses may be transferred into the BSN program from accredited institutions. All transferred coursework must carry a grade of “C” or better. None of the program course requirements earned more than eight years ago can be transferred (unless 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.

Students who hold a current registered nurse license making application to the RN-BSN Option will receive 31 upper level Nursing 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.

BSN Progression and Readmission Requirements

Attendance at a nursing orientation session prior to beginning the BSN Program is mandatory. 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 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.

A comprehensive ATI exam will be administered in the last semester, and must be passed in order to graduate. See appropriate syllabi for ATI course policy.
BSN 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 all BSN Programs is as follows:

<table>
<thead>
<tr>
<th>Grade</th>
<th>Score Range</th>
<th>Quality Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>90-100</td>
<td>4.00</td>
</tr>
<tr>
<td>B+</td>
<td>87-89</td>
<td>3.33</td>
</tr>
<tr>
<td>B</td>
<td>80-86</td>
<td>3.00</td>
</tr>
<tr>
<td>C+</td>
<td>77-79</td>
<td>2.33</td>
</tr>
<tr>
<td>C</td>
<td>70-76</td>
<td>2.00</td>
</tr>
<tr>
<td>D+</td>
<td>67-69</td>
<td>1.33</td>
</tr>
<tr>
<td>D</td>
<td>60-66</td>
<td>1.00</td>
</tr>
<tr>
<td>F</td>
<td>Below 60</td>
<td>0.00</td>
</tr>
</tbody>
</table>
PRE-PROFESSIONAL CURRICULUM

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 does not offer 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: J. Fowler, J. Hinojosa, J. Hall and J. Hoellman

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. Please contact the advisor for more detailed information.

Pre-Engineering Curriculum
Advisor: K. Cooper

Students should meet with the advisor to create a concentration in the area of mathematics or science applicable to the chosen school and program. The advisor will also provide guidance for applicable entrance testing.

<table>
<thead>
<tr>
<th>Course</th>
<th>cr hrs</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHEM111,112 General Chemistry I, II</td>
<td>8</td>
</tr>
<tr>
<td>ENGL 101 Composition I</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 102 Composition II</td>
<td>3</td>
</tr>
<tr>
<td>Sophomore Literature Elective</td>
<td>3</td>
</tr>
<tr>
<td>HUMN (Art, Music, History, Language, etc.)</td>
<td>3</td>
</tr>
<tr>
<td>MATH 150 Calculus I</td>
<td>4</td>
</tr>
<tr>
<td>MATH 250 Calculus II</td>
<td>4</td>
</tr>
<tr>
<td>MATH 255 Calculus III</td>
<td>4</td>
</tr>
<tr>
<td>MATH 300 Intro to Advanced Math</td>
<td>3</td>
</tr>
<tr>
<td>MATH 350 Differential Equations</td>
<td>3</td>
</tr>
<tr>
<td>MATH 360 Linear Algebra</td>
<td>3</td>
</tr>
<tr>
<td>Social Sciences</td>
<td>3</td>
</tr>
<tr>
<td>UACT 100 Strategies for College Success</td>
<td>2</td>
</tr>
</tbody>
</table>

Chemical Engineering majors should also take:

<table>
<thead>
<tr>
<th>Course</th>
<th>cr hrs</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHEM 221,222 Organic Chemistry I, II</td>
<td>8</td>
</tr>
</tbody>
</table>

Industrial Engineering majors should substitute for the Social Sciences:

<table>
<thead>
<tr>
<th>Course</th>
<th>cr hrs</th>
</tr>
</thead>
<tbody>
<tr>
<td>ECON 211 Principles of Macroeconomics</td>
<td>3</td>
</tr>
<tr>
<td>ECON 212 Principles of Microeconomics</td>
<td>3</td>
</tr>
</tbody>
</table>

Total 60

Pre-Law Curriculum
Advisor: M. Thrush

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. Although law schools do not require undergraduate majors in a specific academic discipline, students who plan to study law traditionally choose a major program in history, English, humanities, philosophy, economics, criminal justice, or political science. 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 Admission Test (LSAT) and for successful admission to an accredited law school.

In addition to requirements in the baccalaureate major program, students who hope to attend law school should consider completing LMU’s Lincoln Pre-Law Curriculum outlined below. Successful completion of this recommended curriculum will be indicated on the student’s official transcript.

The Lincoln Pre-Law Curriculum

<table>
<thead>
<tr>
<th>Course</th>
<th>cr hrs</th>
</tr>
</thead>
<tbody>
<tr>
<td>THEA 330 Acting for the Camera</td>
<td>3</td>
</tr>
</tbody>
</table>

Select one course from:

<table>
<thead>
<tr>
<th>Course</th>
<th>cr hrs</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 311 Survey of British Literature I</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 312 Survey of British Literature II</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 321 Survey of American Lit I</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 322 Survey of American Lit II</td>
<td>3</td>
</tr>
</tbody>
</table>

Select one course from:

<table>
<thead>
<tr>
<th>Course</th>
<th>cr hrs</th>
</tr>
</thead>
<tbody>
<tr>
<td>HIST 131 American History to 1877</td>
<td>3</td>
</tr>
<tr>
<td>HIST 132 American History since 1877</td>
<td>3</td>
</tr>
</tbody>
</table>

Select one course from:

<table>
<thead>
<tr>
<th>Course</th>
<th>cr hrs</th>
</tr>
</thead>
<tbody>
<tr>
<td>POLS 211 American Government: National</td>
<td>3</td>
</tr>
<tr>
<td>POLS 212 American Government: State and Local</td>
<td>3</td>
</tr>
<tr>
<td>ECON 470 History of American Economic Thought</td>
<td>3</td>
</tr>
<tr>
<td>GEOG 300 Environmental Geography</td>
<td>3</td>
</tr>
</tbody>
</table>

Select one course from:

<table>
<thead>
<tr>
<th>Course</th>
<th>cr hrs</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHIL 310 Critical Thinking</td>
<td>3</td>
</tr>
<tr>
<td>PHIL 420 Ethics</td>
<td>3</td>
</tr>
</tbody>
</table>

Select one course from:

<table>
<thead>
<tr>
<th>Course</th>
<th>cr hrs</th>
</tr>
</thead>
<tbody>
<tr>
<td>BUSN 440 Legal and Ethical Environment of Business</td>
<td>3</td>
</tr>
<tr>
<td>MCOM 410 Media Law and Ethics</td>
<td>3</td>
</tr>
<tr>
<td>CRIM 105 Introduction to Criminal Justice</td>
<td>3</td>
</tr>
<tr>
<td>CRIM 210 Criminal Law</td>
<td>3</td>
</tr>
<tr>
<td>CRIM 220 Introduction to Courts</td>
<td>3</td>
</tr>
<tr>
<td>CRIM 330 Drugs and Society</td>
<td>3</td>
</tr>
<tr>
<td>CRIM 405 Criminal Justice Administration</td>
<td>3</td>
</tr>
<tr>
<td>POLS 420 Politics and the Law</td>
<td>3</td>
</tr>
</tbody>
</table>

Total 18
Pre-Medicine Curriculum
Advisors: J. Fowler, J. Hinojosa, J. Hall and J. Hoellman

Students should meet with the advisor to create a concentration in science applicable to the chosen school and program, and for information related to the MCAT test.

Recommended Curriculum for MCAT 2016

Click to view BIOL Course Descriptions

<table>
<thead>
<tr>
<th>Course</th>
<th>cr hrs</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL 194 Pre-med Career Seminar</td>
<td>1</td>
</tr>
<tr>
<td>BIOL311, 312 Integrated Vertebrate Anatomy &amp; Physiology I, II</td>
<td>8</td>
</tr>
<tr>
<td>BIOL 315 Molecular Genetics</td>
<td>4</td>
</tr>
<tr>
<td>BIOL 334L General Histology Lab</td>
<td>1</td>
</tr>
<tr>
<td>BIOL 336 General Microbiology</td>
<td>4</td>
</tr>
<tr>
<td>BIOL 360 Immunology</td>
<td>3</td>
</tr>
<tr>
<td>BIOL 387 Junior Pre-med Science Seminar</td>
<td>1</td>
</tr>
<tr>
<td>BIOL441, 442 Biochemistry I, II</td>
<td>8</td>
</tr>
<tr>
<td>BIOL 450 Molecular Cell Biology</td>
<td>4</td>
</tr>
<tr>
<td>BIOL 380 Research Design &amp; Analysis</td>
<td>3</td>
</tr>
<tr>
<td>BIOL 487 Senior Pre-med Science Seminar</td>
<td>1</td>
</tr>
<tr>
<td>CHEM111,112 General Chemistry I, II</td>
<td>8</td>
</tr>
<tr>
<td>CHEM221,222 Organic Chemistry I, II</td>
<td>8</td>
</tr>
<tr>
<td>COMM 200 Fundamentals of Speech Communication</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 101 Composition I</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 102 Composition II</td>
<td>3</td>
</tr>
<tr>
<td>MATH 150 Calculus I</td>
<td>4</td>
</tr>
<tr>
<td>MATH 270 Probability and Statistics</td>
<td>3</td>
</tr>
<tr>
<td>PHYS211, 212 General Physics I, II</td>
<td>8</td>
</tr>
<tr>
<td>PHIL 430 Medical Ethics</td>
<td>3</td>
</tr>
<tr>
<td>PSYC 100 Introduction to Psychology</td>
<td>3</td>
</tr>
<tr>
<td>PSYC 315 Theories of Personality OR</td>
<td>3</td>
</tr>
<tr>
<td>PSYC 340 Abnormal Psychology</td>
<td>3</td>
</tr>
<tr>
<td>SOCI 100 Introduction to Sociology</td>
<td>3</td>
</tr>
</tbody>
</table>

Total 87

Basic Pre-Medical Curriculum

<table>
<thead>
<tr>
<th>Course</th>
<th>cr hrs</th>
</tr>
</thead>
<tbody>
<tr>
<td>Biology with labs</td>
<td>16</td>
</tr>
<tr>
<td>Inorganic Chemistry with labs</td>
<td>8</td>
</tr>
<tr>
<td>Organic Chemistry with labs</td>
<td>8</td>
</tr>
<tr>
<td>Physics with labs</td>
<td>8</td>
</tr>
<tr>
<td>College English</td>
<td>6</td>
</tr>
</tbody>
</table>

Pre-Veterinary Medicine Curriculum
Advisor: B. Price

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.

<table>
<thead>
<tr>
<th>Course</th>
<th>cr hrs</th>
</tr>
</thead>
<tbody>
<tr>
<td>English</td>
<td>6</td>
</tr>
<tr>
<td>Humanities and Social Sciences</td>
<td>18</td>
</tr>
<tr>
<td>Physics</td>
<td>8</td>
</tr>
<tr>
<td>General Chemistry</td>
<td>8</td>
</tr>
<tr>
<td>Organic Chemistry</td>
<td>8</td>
</tr>
<tr>
<td>Biochemistry</td>
<td>4</td>
</tr>
<tr>
<td>General Biology</td>
<td>8</td>
</tr>
<tr>
<td>Genetics</td>
<td>3-4</td>
</tr>
<tr>
<td>Cellular Biology or Microbiology</td>
<td>3-4</td>
</tr>
<tr>
<td>Mathematics / Calculus</td>
<td>5-6</td>
</tr>
</tbody>
</table>

Total 71-74

Note: Students should meet with the pre-veterinary advisor for specific course requirements and application information for the entrance exam.

Pre-Pharmacy Curriculum
Advisor: S. Everly

An agreement between Lincoln Memorial University and the University of Appalachia (VA) offers priority access to pharmacy education for qualified LMU students. The “three plus three” program permits prospective students to start their pharmacy program at LMU and complete their Doctor of Pharmacy degree at the University of Appalachia in an abbreviated time frame. To be competitive, applicants should have GPA scores above 3.0.

<table>
<thead>
<tr>
<th>Course</th>
<th>cr hrs</th>
</tr>
</thead>
<tbody>
<tr>
<td>College Mathematics</td>
<td>6</td>
</tr>
<tr>
<td>College Physics*</td>
<td>8</td>
</tr>
<tr>
<td>College Statistics</td>
<td>3</td>
</tr>
<tr>
<td>English Composition</td>
<td>3</td>
</tr>
<tr>
<td>General Biology*</td>
<td>8</td>
</tr>
<tr>
<td>Integrated Vertebrate Anatomy &amp; Physiology I, II</td>
<td>8</td>
</tr>
<tr>
<td>General Microbiology</td>
<td>4</td>
</tr>
<tr>
<td>Humanities</td>
<td>3</td>
</tr>
<tr>
<td>Organic Chemistry*</td>
<td>8</td>
</tr>
<tr>
<td>Public Speaking/Performance</td>
<td>6</td>
</tr>
<tr>
<td>Electives</td>
<td>10</td>
</tr>
</tbody>
</table>

Total 67

*These courses will include a laboratory

Note: Students should meet with the advisor for additional guidance and application information for the PCAT exam.
Pre-Optometry Curriculum  
**Advisor: J. Hinojosa or J. Hall**

Students should meet with the advisor to create a concentration in science applicable to the chosen school and program, and for information related to the OAT exam.  
*Click to view BIOL Course Descriptions*

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>cr hrs</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL 195</td>
<td>Pre-med Career Seminar</td>
<td>1</td>
</tr>
<tr>
<td>BIOL 311, 312</td>
<td>Integrated Vertebrate Anatomy &amp; Physiology I, II</td>
<td>8</td>
</tr>
<tr>
<td>BIOL 311</td>
<td>General Histology Lab</td>
<td>1</td>
</tr>
<tr>
<td>BIOL 315</td>
<td>Molecular Genetics</td>
<td>4</td>
</tr>
<tr>
<td>BIOL 336</td>
<td>General Microbiology</td>
<td>4</td>
</tr>
<tr>
<td>BIOL 360</td>
<td>Immunology</td>
<td>3</td>
</tr>
<tr>
<td>BIOL 387</td>
<td>Junior Pre-med Science Seminar</td>
<td>1</td>
</tr>
<tr>
<td>BIOL 441, 442</td>
<td>Biochemistry I, II</td>
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<tr>
<td>BIOL 450</td>
<td>Molecular Cell Biology</td>
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<tr>
<td>BIOL 480</td>
<td>Research Design &amp;Analysis</td>
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<tr>
<td>BIOL 487</td>
<td>Senior Pre-med Science Seminar</td>
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<tr>
<td>CHEM 111,112</td>
<td>General Chemistry I, I</td>
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</tr>
<tr>
<td>CHEM 221,222</td>
<td>Organic Chemistry I, I</td>
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<tr>
<td>COMM 200</td>
<td>Fundamentals of Speech Communication</td>
<td>3</td>
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<tr>
<td>ENGL 101</td>
<td>Composition I</td>
<td>3</td>
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<tr>
<td>ENGL 102</td>
<td>Composition II</td>
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<tr>
<td>MATH 150</td>
<td>Calculus I</td>
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<tr>
<td>MATH 270</td>
<td>Probability and Statistics</td>
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<tr>
<td>PHYS 211, 212</td>
<td>General Physics I, II</td>
<td>8</td>
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<tr>
<td>PHIL 430</td>
<td>Medical Ethics</td>
<td>3</td>
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<tr>
<td>PSYC 100</td>
<td>Introduction to Psychology</td>
<td>3</td>
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<tr>
<td>PSYC 315</td>
<td>Theories of Personality OR</td>
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<tr>
<td>PSYC 340</td>
<td>Abnormal Psychology</td>
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<tr>
<td>SOCI 100</td>
<td>Introduction to Sociology</td>
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</tbody>
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Admission is based upon: GPA; letters of recommendation, including one from a doctor of optometry; Score on the Optometry Admission Test (OAT) and; state of residency.

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Pre-Physical Therapy Curriculum  
**Advisor: E. Thompson**

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.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>cr hrs</th>
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<tbody>
<tr>
<td>BIOL 111, 112</td>
<td>General Biology I, II</td>
<td>8</td>
</tr>
<tr>
<td>BIOL 261*</td>
<td>Human Anatomy &amp; Physiology I</td>
<td>4</td>
</tr>
<tr>
<td>BIOL 262*</td>
<td>Human Anatomy &amp; Physiology II</td>
<td>4</td>
</tr>
<tr>
<td>CHEM 111,112</td>
<td>General Chemistry I, II</td>
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<tr>
<td>COMM 200</td>
<td>Fundamentals of Speech Communication</td>
<td>3</td>
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<tr>
<td>ENGLISH</td>
<td>English</td>
<td>6-9</td>
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<td></td>
<td>Fine Arts Elective (ART/COMM/MUSC 100)</td>
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<tr>
<td></td>
<td>HIST 121, 122 (World History)</td>
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<td>LINCN 100</td>
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<td>LINCN 300</td>
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</tbody>
</table>

Select one of the following:  
PSYC 100; PSYC 221; PSYC 222; SOCI 100; SOCI 330  3

Select one of the following:  
BSCI 100; GEOG 350; PHIL 100; PHIL 200; PHIL 420;  
PHIL 430; REL 210; REL 220; REL 310; REL 315  3

Social Science elective  
Technology Requirement  2

*required, not optional

**Total 66-67**
COURSE DESCRIPTIONS

ACCOUNTING

ACCT 210 - Financial Accounting (3 cr hrs)
This course is designed to provide an introduction to accounting and financial reporting concepts and the importance of financial accounting information in decision-making. The course will enable measurement of business income, familiarity and performance of the steps in the accounting cycle, merchandising operations, and financial reporting and analysis of the balance sheet. Prerequisite: MATH 105 or Higher; BUSN 260. Fall.

ACCT 211 – Principles of Managerial Accounting (3 cr hrs)
This course provides coverage of management accounting issues and builds upon the foundation that was established in ACCT 210. The course addresses issues relating to the proper costing of products and services, the behavior of costs, budgeting and the utilization and management of an organization’s resources. Prerequisite: ACCT 210; Spring.

ACCT 31 – Intermediate Accounting I (3 cr hrs)
This course highlights history of accounting and accounting conceptual framework. 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 time value of money, and valuation of inventories. Prerequisite: ACCT 210 & 211. Fall.

ACCT 311 - Intermediate Accounting II (3 cr hrs)
This course highlights theories and demonstrates illustrations related to acquisition and disposition of property, plant and equipment, depreciation methods, impairment of assets, depletion of natural resources. It identifies intangible assets and their amortization, current liabilities and contingencies, long-term liabilities, stockholders’ equity, dilutive securities, and investments are discussed and applied in great detail. Prerequisite: ACCT 310. Spring.

ACCT 312 - Intermediate Accounting III (3 cr hrs)
This course emphasizes theories and practices related to understanding revenue recognition, accounting for income taxes, accounting for pensions and post-retirement benefits, accounting for leases, accounting for changes and error analysis, the analysis of cash flows, and full disclosure in financial reporting. Prerequisite: ACCT 311 and 312; Fall (CPA Required Course)

ACCT 320 - Cost Management I (3 cr hrs)
This course examines management accounting and related analytical techniques for decision making and control in manufacturing and service organizations. The course describes product costing, volume profit analysis, product pricing, activity based costing and standard costing, budgets and budgetary control systems, performance evaluation systems for planning, coordinating, and monitoring the performance of a business. Prerequisite: ACCT 210 and ACCT 211; Fall

ACCT 321 - Cost Management II (3 cr hrs)
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 320.

ACCT 330 - Income Tax (3 cr hrs)
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 320. Fall.

ACCT 410 - Government & Not-for-Profit Accounting (3 cr hrs)
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 311 and 320; Spring alternate odd years.

ACCT 420 - International Accounting (3 cr hrs)
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. Prerequisite: ECON 211 or ECON 212 and ACCT 312. Fall.

ACCT 430 - Accounting Information System (3 cr hr)
This course provides coverage of issues relating to accounting information systems. The course addresses data control issues, accounting cycles, accounting procedures and recording media, and provides students with an opportunity to learn and utilize an off-the-shelf accounting software package to process transactions affecting the general journal and special journals. Pre-requisite: ACCT 311, ACCT 320. Spring.

ACCT 440 - Auditing (3 cr hrs)
This course addresses auditors’ reports; professional ethics; legal liability; planning the audit; internal control; electronic data processing audit sampling; working papers; quality control of CPA firms.

ACCT 498 - Internship in Accounting (1-3 cr hrs)
This course provides on-the-job experience directed by a faculty member of the School of Business. It may be repeated to a total of 6 credit hours applicable to program and/or degree requirements. Prerequisite: approval of chair. Fall, Spring, Summer.

ALLIED HEALTH SCIENCES

AHSC 300 – Medical Terminology (3 cr hrs)
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, Spring, Summer.

ATHLETIC ADMINISTRATION

AAD 100 - Coaching Principles (3 cr hrs)
This course will address the mechanical aspects of coaching as well as general coaching philosophies. Public relations, player-coach relationships and ethical values will also be addressed.

AAD 300 - Athletics Compliance (3 cr hrs)
This course will address how an athletic department coordinates, monitors and verifies compliance within all NCAA requirements. In addition, educational and interpretive support to ensure that all individuals involved with the Athletic Department understand and adhere to compliance expectations will be addressed.

AAD 310 - Diversity in Sport (3 cr hrs)
This course will address issues related to gender and race in amateur, collegiate and professional sports. Student-athlete graduation rates and racial attitudes in sports, as well as an assessment of hiring practices in coaching and sport management in professional and college sport will be reviewed. Critical ethical issues in college and professional sport, including the potential for exploitation of student-athletes, gambling, performance-enhancing drugs and violence in sport will also be researched. Prerequisite: Junior Standing.

AAD 320 - Sports Information (3 cr hrs)
This course explores and introduces students to the sport communication industry from an athletic department’s perspective. Personal and organizational communication sport mass media and sport communication services and support will be addressed. Prerequisite: Junior Standing.
AAD 400 - Athletics Development (3 cr hrs)
This course is a comprehensive overview of what is involved in leading a successful athletic program. Prerequisite: Senior standing.

AAD 498 - Athletic Administration Internship (11 cr hrs)
This course includes on-the-job learning in an athletic administration setting. Field experience involving supervised contact with Athletic administrators. Forty-five contact hours per semester hour credit is required. Lincoln Memorial University retains ultimate control and supervision of the internship. Prerequisites: Completion of all requirements of the Sport Management degree and Athletic Administration Concentration and consent of the Instructor.

ART
ART 100 - Art Appreciation (3 cr hrs)
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. Offered annually Fall and Spring.

ART 105 - Design I 2-3 (3 cr hrs)
Studio course. Two-dimensional composition and color are explored in depth through studio exercises and problems. Fall.

ART 110 - Drawing I (3 cr hrs)
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.

ART 205 - Design II: 3-4 (3 cr hrs)
Studio course. Exploration of real space and volume through studio exercises and problems. Exploration of sculptural forms and techniques, from models to finished pieces. Spring alternate years.

ART 210 - Drawing II (3 cr hrs)
Studio course. Further exploration and refinement of basic drawing elements and skills with increased emphasis on techniques. Linear perspective examined. Prerequisite: ART 110. Fall.

ART 220 - Painting I (3 cr hrs)
Studio course. Introduction to the basic concepts and techniques of painting in oils and/or acrylics. Emphasis on color, form, and composition. Spring.

ART 230 - Photography I (3 cr hrs)
Studio course. Includes 35mm camera operation, black and white film development, printing and enlarging, and elementary photographic composition. Fall and Spring as needed.

ART 240 - Ceramics I (3 cr hrs)
Studio course. Introduction to hand-building methods, throwing techniques on the pottery wheel, and glazing procedures. Fall/ Spring.

ART 270 - Watercolor (3 cr hrs)
Studio course. Introduction to the basic concepts and techniques of painting with transparent water media.

ART 290 - Introduction to Studio Art (3 cr hrs)
Directed at both majors and non-art majors. Introduction to the 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. As needed.

ART 310 - Drawing III (3 cr hrs)
Studio course. Development of the expressive potential of the drawing process. Survey of traditional and experimental techniques and subject matter. Prerequisite: ART 210. Fall.

ART 320 - Painting II (3 cr hrs)
Studio course. Continued emphasis on color, form, and composition using oils and/or acrylics. Emphasis on techniques, both traditional and experimental. Spring.

ART 330 - Photography II (3 cr hrs)
Studio course. Advanced techniques for black & white photography including camera accessories, photographic composition, special effects, alternative techniques processes and materials, and the exhibition print. Prerequisite: ART 230. Fall and Spring as needed.

ART 343 - Ceramics II/III (3 cr hrs)
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 240. Fall and Spring as needed.

ART 350 - Printmaking (3 cr hrs)
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. Spring alternate years.

ART 360 - Jewelry Design and Metals (3 cr hrs)
Studio course. Basic concepts of design and personal expression through the medium of metal. 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.

ART 381 - Survey of Art History I (3 cr hrs)
The major styles and achievements in the visual art of Western civilization from the prehistoric era to the Renaissance. Fall alternate years.

ART 382 - Survey of Art History II (3 cr hrs)
The major styles and achievements in the visual art of Western civilization from the Renaissance to the present. Spring alternate years.

ART 400 - Appalachian Art (3 cr hrs)
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.

ART 410 - Drawing IV (3 cr hrs)

ART 423 - Painting III/IV (3 cr hrs)
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.

ART 471 - Art and the Child (3 cr hrs)
The acquisition and demonstration of proficiency in suitable visual art media, theory, and lesson plan preparation and presentation for the elementary school classroom. Every fourth semester.

ART 472 - Art and the Adolescent (3 cr hrs)
The acquisition and demonstration of proficiency in suitable visual art media, theory, and lesson plan preparation and presentation for the secondary school classroom. Every fourth semester.

ART 497 - Senior Seminar and Exhibition (2 cr hr)
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.

ATHLETIC TRAINING

ATTR 100 - Foundations in Athletic Training (2 cr hrs)
Basic theory and skills in the understanding, prevention, and management of injury. Fall, Spring.

ATTR 102 - Clinical Introduction to Athletic Training (1 cr hr)
This course is designed to introduce a student to the clinical side of athletic training. Students will be taught some basic athletic training skills as well as be required to observe real world care and treatment of athletic injuries under the supervision of a BOC certified athletic trainer(s). Pre-requisite: ATTR 100. Spring.

ATTR 170 - Musculoskeletal Anatomy (3 cr hr)
In depth study of the musculoskeletal system including proper palpation techniques and muscle origin, insertion, action and innervation. Corequisite: ATTR 170L. Spring.

2016-2017
ATTR 170L - Musculoskeletal Anatomy Lab (1 cr hr)
In depth study of the musculoskeletal system including proper palpation techniques and muscle origin, insertion, action and innervation. Corequisite: ATTR 170. Spring.

ATTR 224 - Preventative Techniques in Athletic Training (2 cr hrs)
Development of skills in taping, bracing, and equipment fitting that are required for the entry-level athletic trainer. Prerequisite: ATTR 226. Spring.

ATTR 226 - Sports Emergency Care (2 cr hrs)
This course is designed to provide the student with knowledge and skills to meet the needs of most situations when emergency first aid care is critical to saving a life and minimizing the severity of injuries. The course includes examining various risk factors, and discussion of personal safety and accident prevention. Fall, Spring.

ATTR 227 - Sports Emergency Care for the Athletic Trainer I (2 cr hrs)
This course is the first in the emergency care series which is designed to provide the athletic training student with knowledge and skills to handle emergency situations common to athletic situations. Corequisite: ATTR 226. Fall.

ATTR 255 – Evidence Based Practice (2 cr hrs)
This course will focus on outlining the foundation of evidence based practice in athletic training. The student will gain a basic understanding of principles in evidence based practice and how to incorporate those principles into clinical practice. Spring.

ATTR 281 - Practicum I in Athletic Training (2 cr hrs)
This course is designed to test the proficiency of athletic training students on the competencies as outlined by the Commission on the Accreditation of Athletic Training Education (caATe). Competencies for this course include but are not limited to: basic taping, universal precautions, musculoskeletal anatomy and physiology, lifetime wellness principles, and the foundational information of athletic training. Also contained within this course is the clinical rotation requirement as determined by the Athletic Training Program. Prerequisite: ATTR 100, 170, 170L. Fall.

ATTR 282 - Practicum II in Athletic Training (2 cr hrs)
This course is designed to test the proficiency of athletic training students on the competencies as outlined by the Commission on the Accreditation of Athletic Training Education (caATe). Competencies for this course include but are not limited to: upper extremity evaluation, care of emergency sports situations, and the principles of human anatomy and physiology. Also contained within this course is the clinical rotation requirement as determined by the Athletic Training Program. Prerequisite: ATTR 226, 227, 281, 296, 296L. Spring.

ATTR 296 - Evaluation I: Upper Extremity (3 cr hrs)
Analysis of musculoskeletal injuries and conditions of the extremities, athletic injury pathology, evaluation techniques, and orthopedic assessments as pertaining to the upper extremity. Prerequisite: ATTR 170, 170L. Corequisite: ATTR 296L. Fall.

ATTR 296L - Evaluation I: Upper Extremity Lab (1 cr hr)
This lab will focus on orthopedic assessment of the shoulder, elbow, wrist and hand, including special tests, muscular testing, and functional assessment of injuries. Prerequisite: ATTR 170, 170L. Corequisite: ATTR 296. Fall.

ATTR 297 - Evaluation II: Lower Extremity (3 cr hrs)
Analysis of musculoskeletal injuries and conditions of the extremities, athletic injury pathology, evaluation techniques, and orthopedic assessments as pertaining to the lower extremity. Prerequisite: ATTR 296, ATTR 296L. Corequisite: ATTR 297L. Spring.

ATTR 297L - Evaluation II: Lower Extremity Lab (1 cr hr)
This lab will focus on orthopedic assessment of the shoulder, elbow, wrist and hand, including special tests, muscular testing, and functional assessment of injuries. Prerequisite: ATTR 296, ATTR 296L. Corequisite: ATTR 297. Spring.

ATTR 298 - Evaluation III: Axial Skeleton (3 cr hrs)
Analysis of musculoskeletal injuries and conditions of the extremities, athletic injury pathology, evaluation techniques, and orthopedic assessments as pertaining to the axial skeleton. Prerequisite: ATTR 297, 297L. Corequisite: ATTR 298 Lab. Fall.

ATTR 298L - Evaluation III: Axial Skeleton Lab (1 cr hr)
This lab will focus on orthopedic assessment of the head, neck face and spine, including special tests, muscular testing, and functional assessment of injuries. Prerequisite: ATTR 297, 297L. Corequisite: ATTR 298, Fall.

ATTR 300 - Psychosocial and Cultural Considerations in Exercise (2 cr hrs) Introduces the common psychosocial aspects and cultural considerations present in physically active populations. Fall.

ATTR 311 - Therapeutic Modalities in Athletic Training I (2 cr hrs) Provides students foundational knowledge in tissue repair, theories of pain, physiology of therapeutic modalities and applications. Prerequisite: PHYS 100. Corequisite: 311L. Spring.

ATTR 311L - Therapeutic Modalities in Athletic Training I (1 cr hr) This lab will focus on the theories and applications of therapeutic modalities that are utilized in the treatment and rehabilitation of injuries to the physically active. Prerequisite: PHYS 100. Corequisite: 311L. Spring.

ATTR 312 - Therapeutic Modalities in Athletic Training II (2 cr hrs) Provides students foundational knowledge of electrotherapy, therapeutic ultrasound, and current trends in therapeutic modalities. Prerequisite: ATTR 311, 311L. Corequisite: 312L. Spring.

ATTR 312L - Therapeutic Modalities in Athletic Training II (1 cr hr) This lab will focus on the theories and applications of therapeutic modalities that are utilized in the treatment and rehabilitation of injuries to the physically active. Prerequisite: ATTR 311, 311L. Corequisite: 311L. Spring.


ATTR 371L - Rehabilitation of Athletic Injuries I Lab (1 cr hr) This lab will focus on the theories, development and applications of rehabilitation techniques that are utilized in the treatment and rehabilitation of injuries to the physically active. Prerequisite: ATTR 298, 298L. Corequisite: ATTR 371. Spring.

ATTR 372 - Rehabilitation of Athletic Injuries II (2 cr hrs) Practical applications of athletic training techniques related to general rehabilitation concepts. Prerequisite: ATTR 371, 371L. Corequisite: ATTR 372L. Fall.

ATTR 372L - Rehabilitation of Athletic Injuries II Lab (1 cr hr) This lab will focus on the theories, development and applications of rehabilitation techniques that are utilized in the treatment and rehabilitation of injuries to the physically active. Corequisite: ATTR 372. Fall.

ATTR 375 - Administration of Athletic Training (3 cr hrs)
Organizational and administrative issues concerning the operation of an athletic training facility with practical hands-on approach. Prerequisite: ATTR 100. Spring.

ATTR 381 - Practicum III in Athletic Training (2 cr hrs) This course is designed to test the proficiency of athletic training students on the competencies as outlined by the Commission on the Accreditation of Athletic Training Education (caATe). Competencies for this course include but are not limited to: advanced taping, upper extremity injury evaluation, inflammation process, pain control theories, cryotherapy, and thermotherapy. Also contained within this course is the clinical rotation requirement as determined by the Athletic Training Program. Prerequisite: ATTR 224, 228, 282, 297, 297L, 311, 311L. Fall.
ATTR 382 - Practicum IV in Athletic Training (2 cr hrs)
This course is designed to test the proficiency of athletic training students on the competencies as outlined by the Commission on the Accreditation of Athletic Training Education (caATe). Competencies for this course include but are not limited to: electrotherapy, ultrasound therapy, manual therapy, psychosocial and cultural considerations, axial skeleton injury evaluation and the principles of kinesiology and biomechanics. Also contained within this course is the clinical rotation requirement as determined by the Athletic Training Program. Prerequisite: ATTR 298, 298L, 300, 312, 312L, 381, PEXS 300. Spring.

ATTR 405 – Fitness and Conditioning for AT (2 cr hrs)
This course is designed to introduce the physical fitness and resistance training concepts necessary for athletic trainers. Prerequisite: ATTR 170, 170L. Corequisite: ATTR 405L. Fall. ATTR 405L – Fitness and Conditioning for AT Lab (1 cr hr)
Application of the physical fitness and resistance training concepts necessary for athletic trainers. Prerequisite: ATTR 170, 170L. Corequisite: ATTR 405. Fall.

ATTR 471 - Medical Considerations in Sports Medicine I (2 cr hr)
Provides students foundational knowledge in pharmacological concepts and the common medical conditions and pharmacological interventions associated with the cardiovascular and respiratory systems. Prerequisites: BIOL 261, 261L, 262, 262L. Fall.

ATTR 472 - Medical Considerations in Sports Medicine II (2 cr hrs)
Provides students foundational knowledge in the common medical conditions and pharmacological interventions associated with the gastrointestinal, genitourinary, and endocrine systems. Prerequisite: ATTR 472. Spring.

ATTR 481 - Practicum V in Athletic Training (2 cr hrs)
This course is designed to test the proficiency of athletic training students on the competencies as outlined by the Commission on the Accreditation of Athletic Training Education (caATe). Competencies for this course include but are not limited to: pharmacological and professional development, therapeutic exercise principles for the lower extremity, and principles of exercise physiology. Also contained within this course is the clinical rotation as determined by the Athletic Training Program. Prerequisite: ATTR 371, 371L, 375, 382, PEXS 372. Fall.

ATTR 482 - Practicum VI in Athletic Training (2 cr hrs)
This course is designed to test the proficiency of athletic training students on the competencies as outlined by the Commission on the Accreditation of Athletic Training Education (caATe). Competencies for this course include but are not limited to: pharmacological and medical considerations, scientific foundations of strength and conditioning, and therapeutic exercise principles for the spine and upper extremity. Also contained within this course is the clinical rotation requirement as determined by the Athletic Training Program. Prerequisite: ATTR 372, 372L, 405,405L, 471. Spring.

ATTR 491 - Senior Seminar I (2 cr hrs)
Course will include discussions of topics relevant to BOC certification examination for athletic training. Students will complete practice written and practical test. ATTR 491 represents the culmination of the academic and clinical progression through the Athletic Training Program. Prerequisite: ATTR 382. Fall.

ATTR 492 - Senior Seminar II (2 cr hrs)
Course will include discussions of topics relevant to BOC certification examination, as well as the student’s ATP capstone project as a finale to the research initiative focusing on evidence-based practice in the LMU ATP. Prerequisite: ATTR 491. Spring.

ATTR 494 - Osteopathic Techniques for the Athletic Trainer (1 cr hr)
Through a collaborative effort with the DeBusk College of Medicine, this course is designed to integrate the philosophy of osteopathic medicine and the didactic information from the athletic training program by introducing selected osteopathic techniques applicable to the athletic trainer. Corequisite: ATTR 492. Spring.

BIOLOGY

BIOL 100 - Introduction to Biology (3 cr hrs)
Elementary principles of biology: cell composition, basic genetics, life processes of living organisms, ecological relationships among organisms. Includes plants and animals. Pre-Requisites: ACT reading score of at least 18 (or analogous SAT verbal score). Corequisite: B100 lab, 1 credit hour. Fall and Spring.

BIOL 111 - General Biology I (3 cr hrs)
The first part of a two-course sequence covering topics of biological chemistry, biomolecule structure and function, cell organelles, metabolism, Mendelian and molecular genetics. Pre-Requisites: ACT reading score of 23 (or analogous SAT verbal score), placement in ENG 110 or higher. OR successful completion of BIOL 100. Corequisite: BIO 111- lab, Class 3 credits, Lab 1 credit. Fall and Spring. The Honors section of this course requires an ACT of 25 or better.

BIOL 112 - General Biology II (3 cr hrs)
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. Pre-Requisites: BIOL 111 lecture and lab. Corequisite: BIO 112 lab, Class 3 credits, Lab 1 credit. Fall and Spring. The Honors section of this course requires an ACT of 25 or better.

BIOL 194 Pre-med Career Seminar (1 cr hr)
This course offers the student interested in the medical professions exposure to topics and speakers relevant to a career pathway in human medicine and dentistry. Practicing clinicians, upper-level students, and medical students will share about the profession. A reflective midterm and final exam are required. Fall.

BIOL 230 - Microbiology (3 cr hrs)
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: B230 lab, 1 credit hour. Fall and Spring.

BIOL 261 – Human Anatomy and Physiology I (3 cr hrs)
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 (BIOL 261) will focus on the anatomy and physiology of human cells, tissues and systems including the integumentary, skeletal, muscular and nervous systems. In the laboratory, students will examine human anatomy through histological and skeletal preparations, as well as through dissection of typical mammals. Physiological lab experiments and/or computer simulation exercises will also be conducted. Corequisite: BIOL261 lab. Fall.

BIOL 262 – Human Anatomy and Physiology II (3 cr hrs)
This course is the second of a two-semester sequence of courses continuing the study of 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 the endocrine, cardiovascular, lymphatic, respiratory, digestive, urinary and reproductive systems, as well as the concepts of development, metabolism, fluid and electrolyte balance, and acid-base balance. In the laboratory, students will examine human anatomy through histological and skeletal preparations, as well as through dissection of typical mammals. Physiological lab experiments and/or computer simulation exercises will also be conducted. Corequisite: successful completion of BIOL261 and BIOL261 Lab. Corequisite: BIOL 262 lab. Spring.
BIOL 290 - Writing in the Life Sciences (1 cr hr)
This course examines scientific writing and communication for proposals, papers, and posters in the life sciences. Students will examine modern scientific writing, its differences among scientific fields, and provide weekly critiques of current scientific literature. Pre- or Corequisite: ENGL 102. Fall and Spring.

BIOL 311 - Integrated Vertebrate Anatomy and Physiology I (3 cr hrs) The course is the first course in a two-semester sequence of courses that emphasizes the variations and similarities in the structures and physiological functions used by vertebrates to cope with their environments. Discussions of vertebrate form and function will include the topics of vertebrate evolution, functional morphology, and development. Specifically, the course will focus on living vertebrates and will cover taxonomy, biological design and metabolism. The topics of digestion and energetics, developmental anatomy and physiology and the structure and function of the integumentary system will be included. Skeletal and structural systems including bones, joints and connective tissues as well as the muscular system and muscle physiology will be presented. Laboratory sessions will involve detailed dissections of representative vertebrate specimens and inquiry-based physiological experimentation. Prerequisites: BIOL 111 and 112 with labs, CHEM 111 and 112 with labs. Corequisite: BIOL 311 lab 1 cr hr. Fall.

BIOL 312 - Integrated Vertebrate Anatomy and Physiology II (3 cr hrs) The course is the second course in a two-semester sequence. Specifically, this course will cover the nervous and endocrine systems and their interactions with other systems including influences on behavior and reproduction. The physiology and anatomy of reproduction will be presented along with oxygen and carbon dioxide metabolism in respiratory and circulatory systems and ion regulation and urinary systems. Laboratory sessions will involve detailed dissections of representative vertebrate specimens and inquiry-based physiological experimentation. Prerequisites: BIOL 311 lecture and lab. Corequisite: BIOL 312 Lab 1 cr hr. Spring.

BIOL 315 - Molecular Genetics (3 cr hrs)
This focuses on molecular principles and processes of heredity. Topics include gene structure, expression, and regulation; chromosome organization and replication; mutations and DNA repair; and relevant advances in genetic biotechnology. Mendelian and non-Mendelian heredity are studied in depth and put in a molecular context. The laboratory reinforces molecular and Mendelian heredity concepts with inquiry-based experiments. Prerequisites: BIOL 111 and 112 with labs, CHEM 111 and 112 with labs. Corequisite: BIOL 315 lab 1 cr hr. Fall.

BIOL 320 – Principles of Botany (3 cr hrs)
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). Laboratory sessions will include live and preserved specimens, slides, and physiological experiments. Prerequisites: BIOL 111-112 with labs. Corequisite: BIOL 320L, 1 credit hour. Fall

BIOL 330 – Field Botany (3 cr hrs)
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, seedless vascular plants, and bryophytes will also be examined. Particular focus will be on local flora and plants of the southeastern U.S. Prerequisites: BIOL 111-112 with labs. Corequisite: BIOL 330L, 1 credit hour. Spring.

BIOL 334L - General Histology Lab (1 cr hr)
This course will expose the student to example techniques for typical tissue fixation and staining as well as require identification of general and specific types of tissue. Pre-requisite: Successful completion of BIOL 311 with a grade of “C-” or better. Spring.

BIOL 336 - General Microbiology (3 cr hrs)
A detailed study of the morphology, physiology, and taxonomy of microorganisms. Topics will include a survey of all microorganisms and viral agents, 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. Laboratory investigations will include techniques for isolation and identification of major groups of microorganisms. Prerequisites: BIOL 111 and 112 with labs, CHEM 111 and 112 with labs. Corequisite: BIOL 336 lab 1 cr hr. Spring.

BIOL 340 - Invertebrate Zoology (3 cr hrs)
Survey and comparative studies of the morphology, physiology, and ecology of representative invertebrates. Prerequisites: BIOL 111-112. Corequisite: B340 lab, 1 credit hour. Fall.

BIOL 350 – Entomology (4 cr hrs)
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: BIOL 111-112 with labs. Pre-or Corequisite: BIOL 370 with lab. Fall even years.

BIOL 360 - Immunology (3 cr hrs)
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: BIOL 111,112 with labs, CHEM 111,112 with labs. Spring.

BIOL 370 - Ecology (3 cr hrs)
The course examines organisms and their abiotic and biotic interactions. 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: BIOL 111-112 with labs. Corequisite: B370 lab, 1 credit hour. Fall.

BIOL 387 Junior Pre-Med Science Seminar (1 cr hr)
In this course, the junior pre-medical track student investigates a biomedical science relevant topic through primary literature in the field. The student will write a critique of a current study, referencing historical and recent publications. 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 of ENGL 102 or equivalent. Fall and Spring.

BIOL 397 - Junior Science Seminar (1 cr hr)
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. Fall and Spring.

BIOL 410 - Evolution (3 cr hrs)
Evolutionary relationships of taxonomy, embryology, comparative anatomy, genetics, physiology, biochemistry, and geology. Prerequisite: BIOL 111-112. Spring odd years.

BIOL 411 Advanced Human Anatomy (3 cr hrs)
This course is an intensive undergraduate treatment of focused portions of human gross anatomy with cadavers. At least 4 hours per week will be in the lab and lab practica will be conducted identifying structures of human anatomy on cadavers and detailed models. Some human histology and radiology will also be incorporated. Pre-requisites: successful completion of BIOL 311L&312 labs with a grade of B- or better AND consent of instructor. Spring.

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BIOL 441 - Biochemistry I (4 cr hrs)
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: BIOL 111 and 112 and CHEM 221 and 222. Fall.

BIOL 442 - Biochemistry II (3 cr hrs)
The second part of a two-course sequence covering metabolism of lipids, metabolism of nitrogen-containing compounds, and nucleic acid structure, metabolism, and function. The laboratory will focus on purification and detection techniques for biomolecules as well as enzyme kinetics. Prerequisites: BIOL 441 Biochemistry I. Corequisite: B442 lab 1 credit. Spring.

BIOL 450 - Molecular Cell Biology (4 cr hrs)
An advanced molecular study of cell structure and function focused on eukaryotic models. Topics include molecular structure and function of cell organelles, gene expression and regulation, the cell cycle, apoptosis, cell junctions and communication. Prerequisites: BIOL 315 and BIOL441. Spring.

BIOL 483 Undergraduate Research in Biology (1-3 cr hrs)
This is a laboratory or field research course in the life sciences with a faculty supervisor. An approved research project and written report are required. The student is required to document 30 hours of work for each credit hour enrolled. The course may be repeated for a maximum of 6 total credit hours toward degree requirements. Prerequisite: Junior standing and consent of faculty supervisor. Fall/Spring/Summer.

BIOL 487 Senior Pre-Med Science Seminar (1 cr hr)
In this course, the senior pre-medical track student will continue investigations into the topic chosen for BIOL 387 and will continue to work with the previously assigned faculty mentor. A literature mini-review will be written to present a broader picture of research in the field on the chosen topic. Major findings will be presented to an audience of peers and faculty. Prerequisite: Successful completion of BIOL387 with a B- or better grade. Fall and Spring.

BIOL 497 - Senior Science Seminar (1 cr hr)
Methods of literature search and sources of information in the sciences. Requires a research paper on a topic in biological sciences. Fall and Spring.

BIOL 498 - Internship in Biology (1-6 cr hrs)
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 and Spring as needed.

BEHAVIORAL SCIENCE

BSCI 100 - Human Potential (3 cr hrs)
Experiential learning methods to search, find, and understand the self. Includes self-awareness and self-esteem development, communication skills building, values clarification, spontaneity training, and life planning. Fall, Spring.

BSCI 393 - Human Behavior Perspectives (3 cr hrs)
Overview of selected theories and research in the social and behavioral sciences including, but not limited to criminology, geography, political science, psychology, and sociology. Content varies. May be repeated for additional elective credit. Fall and Spring as needed.

BUSINESS

BUSN 100 - Introduction to Business (3 cr hrs)
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.

BUSN 250 - Business Ethics and Social Responsibility (3 cr hrs)
The new millennium reflects the importance of a business manager adhering to ethical and moral obligations, therefore, the purpose of this course is to acquaint the student with a business’s social and ethical responsibility to the internal and external stakeholders. This course will address organizational decision making processes and their relationship to the ethical and social implications of the political, legal, regulatory, technological, and global environments. Prerequisite: ENGL 101 or higher. Spring.

BUSN 260 - Business Analysis Tools (3 cr hrs)
This course prepares students for case analysis preparation covering a 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 a Windows operating system using Microsoft Office and Advanced Excel applications development to enhance information technology competencies. This course is a prerequisite course for ACCT 210. Fall, Spring. Prerequisite: ISYS 100.

BUSN 270 - Business Statistics (3 cr hrs)
This course addresses the topics of the logic and application of standard statistical tests in the analysis of data. MATH 270 can be taken in substitution for this course. Prerequisite: MATH 110 or 115 or equivalent) or Math ACT sub-score of 23 or higher. Fall, Spring.

BUSN 310 - International Business (3 cr hrs)
This course introduces the particular challenges in conducting business across international lines: institutions, cultural issues, trends, and management requisites. Fall, Spring.

BUSN 320 - Fundamentals of Professional Land and Resource Management (3 cr hrs)
This course is an introduction to the energy industry, including petroleum, minerals, timber, wind, solar, and alternative fuels. Includes the history of the energy industry and provides basics in exploration, production, transportation and refining. Electricity generation and transmission is explored and global energy concepts are discussed. Fall.

BUSN 350 - Business Communications (3 cr hrs)
This course deals with oral and written communications topics, and the application of theory to the composition of business communications. Prerequisite: ENGL 101 or 102. Fall, Spring.

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 decisions relating to spending, saving, borrowing, and investing. Financial calculator, Excel, and the Internet will be used extensively in the course.

BUSN 410 Contract Law I (3 cr hrs)
This course provides a comprehensive overview of contract law as it relates to business. The necessary elements for a legally binding contract will be introduced. The various governmental, federal, state and local agencies involved in resolving contract disputes will be discussed and examined for jurisdiction and efficacy. The court systems and alternative resolution solutions to contractual disputes will be examined. Spring.

BUSN 440 - Legal and Ethical Environment of Business (3 cr hrs)
This course focuses on surveys of legal issues directly relating to business including the court system, legal forms of business, torts, contracts, strict and vicarious liability, product liability, and federal laws.
and state regulation of business activities. Fall, Spring.

**BUSN 450 - Business Strategy** (3 cr hrs)
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. Prerequisites: Senior Status or permission of instructor. Fall, Spring.

**BUSN 460 - Managerial Finance** (3 cr hrs)
This course develops student skills in basic financial analysis tools including capital budgeting, ratio analysis, interest rates, and risk analysis. Prerequisites: ACCT 210; Junior status. Fall.

**BUSN 498 - Internship in Business** (1-6 cr hrs)
This course provides on-the-job experience directed by a member of the School of Business faculty. May be repeated to a total of 9 credit hours and applicable to program and/or degree requirements. Lincoln Memorial University retains ultimate control and supervision of the internship. Prerequisite: approval of the chair. As needed.

**CHEMISTRY**

**CHEM 100 - Introduction to Chemistry** (3 cr hrs)
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. Corequisite: CHEM 100 Lab, 1 cr hr. Fall, Spring.

**CHEM 111-112 - General Chemistry I, II** (3, 3 cr hrs)
Study of atoms and molecules. Emphasis on the bonding, chemistry, and thermodynamics of relatively simple substances. Prerequisite for CHEM 111 is (1) a Math ACT of 21 or higher or (2) successful (C– or better) grade in Math 105. Prerequisite for enrollment in CHEM 112 is successful completion of CHEM 111 with a grade of C– or better. Corequisite: CHEM111-112 labs, 1 credit hour each. CHEM 111, Fall; CHEM 112, Spring.

**CHEM 220 - Survey of Organic Chemistry** (3 cr hrs)
This course is designed to provide students with an overview of the major principles and applications of modern organic chemistry. The focus of this course will be on the relationship between the structure and activity of organic molecules with particular emphasis placed upon biological applications. Prerequisite: CHEM 111-112. Corequisite: CHEM 220 Lab, 1 cr hr. Fall, alternate years.

**CHEM 221-222 - Organic Chemistry I, II** (3, 3 cr hrs)
Study of the compounds of carbon. The common organic functional groups with emphasis on structure, properties, reactions, synthesis, and mechanism. Corequisite: CHEM 221-222 labs, 1 credit hour each. Prerequisite for enrollment in CHEM 221 is successful completion of CHEM 112 with a grade of C– or better. Prerequisite for enrollment for CHEM 222 is the successful completion of CHEM 221 with a grade of C– or better. Fall; CHEM 222, Spring.

**CHEM 230 - Environmental Chemistry** (3 cr hrs)
This course provides an overview of the chemical principles that govern the reactions, transport, effects and fates of chemical species in water, soil, air and living environments. The effects of technology and man's activities on the chemical composition and properties of the natural environment will be discussed as they relate to chemical processes. Pre-requisites CHEM 220 and lab. Corequisite: CHEM 230 Lab. Spring.

**CHEM 310 - Mathematical Methods in Chemistry** (4 cr hrs)
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 150, 250. Highly recommended: MATH 255. Fall.

**CHEM 331-332 - Quantitative and Instrumental Analysis I, II** (2, 2 cr hrs)
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. Prerequisite for enrollment in CHEM 332 is successful completion of CHEM 331 with a grade of C– or better. Corequisite: CHEM 331-332 labs, 2 credit hours each. CHEM 331, Fall alternate years; CHEM 332, Spring alternate years.

**CHEM 397 - Junior Science Seminar** (1 cr hr)
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.

**CHEM 451-452 - Physical Chemistry I, II** (3, 3 cr hrs)
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. Prerequisite for enrollment in CHEM 452 is the successful completion of CHEM 451 with a grade of C– or better. Corequisite: CHEM 451-452 labs, 1 credit hour each. CHEM 451, Fall; CHEM 452, Spring / Alternate years.

**CHEM 460 - Inorganic Chemistry** (3 cr hrs)
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: CHEM 111-112. Highly recommended: CHEM 310, 451-452. Spring.

**CHEM 483 - Research in Chemistry** (1-3 cr hrs)
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: consent of faculty supervisor. Fall/Spring as needed.

**CHEM 497 - Senior Science Seminar** (1 cr hr)
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.

**CHEM 498 - Internship in Chemistry** (1-6 cr hrs)
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: at least Junior classification and approval of the director of the Chemistry Program. Fall/Spring as needed.

**COMMUNICATIONS**

**COMM 200 - Fundamentals of Speech Communication** (3 cr hrs)
Introductory course designed to increase skills and ease interpersonal oral communications through development of analytical thinking, clear organization and support of ideas, effective expression/delivery techniques, confidence before groups, and effective listening. Includes a variety of formal and informal speaking situations and experiences. Recommended antecedent: ENGL 101. Fall, Spring.
COMPUTER SCIENCE

COSC 160–Introduction to Computer Programming for Math and Science (3 cr hrs)
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 ≥ 23, or permission of the instructor. Fall, Spring.

CONSERVATION BIOLOGY

CBIO 200–Conservation Biology (3 cr hrs)
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: BIOL 111 and 112 with labs. Spring.

CBIO 210–Wildlife Management (3 cr hrs)
This course provides an overview of the principles of wildlife conservation and management. We will explore the history and philosophy of wildlife management, as well as characteristics of the wildlife management triad: the wildlife, habitat, and human dimensions. Through the analysis of primary literature, we will assess the application of theoretical principles to problems in wildlife management and explore how landscapes can be managed to achieve long-term sustainability of wildlife populations. Prerequisites: BIOL 111 and 112 with labs. Fall even years.

CBIO 220–Freshwater Fisheries Management (3 cr hrs)
CBIO 220 focuses on the production and stocking, harvesting and management of freshwater game fish species including management of fish populations in small ponds, larger reservoirs and rivers. State and federal regulations on commercial and recreational harvest will be reviewed. Students will learn about options for management and assessment of fish populations in both cold and warm water systems. Case studies will highlight management challenges for wild fish populations under threat from invasive species. Students will investigate issues surrounding the use of hatchery fish for conservation, restoration and enhancement of fisheries. In the latter portion of the class, assessment and management of nongame freshwater fish species will be discussed. Prerequisites: BIOL 111 and 112 with labs. Corequisite: CBIO 220L 1 credit hour. Spring even years.

CBIO 250–Soils (3 cr hrs)
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, soil-water 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. Corequisite: CBIO 250L lab, 1 credit hour. Fall odd years.

CBIO 330–Ichthyology (3 cr hrs)
Classification, distribution, natural history, anatomy and physiology, and evolution of the fishes, with emphasis on local species. Prerequisite: BIOL 111-112 with labs. Corequisite: CBIO 330L (1 cr hr). Fall odd years.

CBIO 340–Herpetology (3 cr hrs)
Classification, distribution, natural history, anatomy and physiology, and evolution of amphibians and reptiles, with emphasis on local species. Prerequisite: BIOL 111-112 with labs. Corequisite: CBIO 340L (1 cr hr). Spring odd years.

CBIO 350–Ornithology (3 cr hrs)
An introduction to the evolution, anatomy, physiology, ecology, behavior, and conservation of birds. Emphasis will be placed on key concepts and questions that drive research in these areas, as well as key investigative and analytical techniques used by ornithologists and conservation biologists. Conservation will be a strong theme throughout this course, as conservation science has become a central focus among ornithologists. Prerequisite: BIOL111-112. Corequisite: CBIO350L. Spring even years.

CBIO 360–Mammalogy (3 cr hrs)
Classification, distribution, natural history, anatomy and physiology, and evolution of mammals, with emphasis on local species. Prerequisite: BIOL 111-112. Corequisite: CBIO 360L (1 cr hr). Fall even years.

CBIO 370–Land Use and Environmental Policy (3 cr hrs)
CBIO370 will introduce students to U.S. environmental policy and the concept of managing natural resources at the landscape scale. The first portion of this course will provide an introduction to federal natural resource management agencies, as well as the federal statutes that govern land-use and management of natural resources. In the second portion of this course, students will be introduced to the principles of landscape ecology and use primary literature to examine the relationship between U.S. environmental policy, land-use patterns, and ecological processes at the landscape scale. Prerequisite: ENGL 102. Fall even years.

CBIO 397–Junior Research Seminar (1 cr hr)
The student develops a proposal for a field or laboratory based research project under the supervision of a faculty mentor. Class meetings discuss the writing of an introduction including a research question and hypothesis, methods, and anticipated results sections appropriate for a professional scientific manuscript. Practical advice for seeking internships and obtaining employment are provided. A written proposal and a poster presentation is required. Prerequisites: BIOL 290. Corequisite: CBIO 397X. Fall and Spring.

CBIO 400–Conservation Biology: Application & Analysis (3 cr hr)
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: BIOL 200, BIOL 370 with lab, two biodiversity courses and senior standing, or permission of instructor. Spring odd years.

CBIO 420–Wetland Ecosystems (3 cr hrs)
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
CBIO 421 - Geographical Information Systems I (3 cr hrs)
Basic concepts and uses of Geographic Information Systems (GIS). Practice with the use of GIS in solving land management and evaluation problems. Introductory applications, scope, and benefits of GIS. Classification and components of GIS. Data acquisition. Data management. Data errors. Implementation considerations. Applied experience using GIS software. Students should be familiar with Windows OS. Prerequisite: ISYS 100 and permission of instructor. Fall alternate years.

CBIO 422 - Geographical Information Systems II (3 cr hrs)

CBIO 430 - Terrestrial Ecosystems (3 cr hrs)
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. A global survey of terrestrial ecosystems is conducted and the impact of abiotic and biotic interactions in structuring these systems is evaluated. The flow of energy, nutrients, and water are traced through both aboveground and belowground linkages extending through trophic levels considering microorganisms, plants, and animals. Temporal and spatial scales are considered through the examination of both natural and anthropogenic disturbance events, succession, global climate change, and remote sensing data. The course will examine selected papers from the primary literature and the student will develop a written management plan for an ecosystem located in the Eastern United States. Prerequisites: BIOL 370 and lab. Spring even years.

CBIO 440 - Freshwater Aquatic Ecosystems (3 cr hrs)
CBIO 440 will explore the basic ecological processes that occur in freshwater aquatic systems from creeks and ponds to rivers and lakes. Although these systems are diverse, there are many processes that are common to all and we will examine these processes in closer detail in CBIO 440. Specifically, students will address the concepts of specialized adaptations that allow organisms to live in water including respiration, feeding and reproductive systems. We will look at aquatic food webs and energy flow through aquatic systems. Students will examine the interactions of aquatic organisms, both plant and animal, with and within the water column. In addition, CBIO 440 will include an overview of the ecology of shallow littoral habitats, deep water zones in both lakes and oceans, and special characteristics of flowing water systems. Finally, we will explore community organization in freshwater habitats. Pre-requisites: BIOL 370 with lab. Spring odd years.

CBIO 483 – Undergraduate Research in Conservation Biology (1-3 cr hrs). The student conducts a field or laboratory-based research project under the supervision of a faculty mentor. The faculty mentor must approve the project and establish a timeline before the semester commences. A written report of the project must be submitted at the end of the semester. The student is required to document 30 hours of work for each credit hour enrolled. The course may be repeated for a maximum of 6 total credit hours toward degree requirements. Prerequisite: Junior standing and consent of faculty supervisor. Fall/Spring/Summer.

CBIO 497 - Junior Research Seminar (1 cr hr)
The student completes the field or laboratory based research project developed in CBIO 397 under the supervision of a faculty mentor. Class meetings discuss the writing of the results and discussion sections of a professional manuscript. Practical advice for seeking internships and obtaining employment are provided. A written manuscript and an oral presentation are required. Prerequisites: Successful completion of CBIO 397 with a C- or better grade. Corequisite: CBIO 497Z. Fall and Spring.

CBIO 498 – Internship in Conservation Biology (1-6 cr hrs)
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. Lincoln Memorial University retains ultimate control and supervision of the internship. Prerequisites: at least Junior classification and approval of the Department Chair. Fall and Spring as needed.

CRIMINOLOGY AND CRIMINAL JUSTICE

CRIM 105 - Introduction to Criminal Justice (3 cr hrs)
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. Fall, Spring.

CRIM 205 - Introduction to Law Enforcement (3 cr hrs)
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.

CRIM 210 - Criminal Law (3 cr hrs)
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.

CRIM 215 - Criminal Procedure (3 cr hrs)
Criminal Procedure (3 cr hrs) 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. Fall.

CRIM 220 - Introduction to Courts (3 cr hrs)
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 counsel, judges, jurors, court administrators, and probation officials. Spring.

CRIM 300 - Issues and Ethics in Criminal Justice (3 cr hrs)
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.

CRIM 310 - Introduction to Criminology (3 cr hrs)
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—class is offered once every three semesters.

CRIM 315 - Introduction to Corrections (3 cr hrs)
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. Spring.

CRIM 320 - Juvenile Justice (3 cr hrs)
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 three semesters.
CRIM 330– Drugs and Society (3 cr hrs)
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. Class is only offered once every four semesters. Fall.

CRIM 350 - Investigations (3 cr hrs)
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 three semesters.

CRIM 360 - Homeland Security (3 cr hrs)
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. Spring.

CRIM 380 - Research in Criminal Justice (3 cr hrs)
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: PSYCH 280, Fall.

CRIM 395/495- Special Topics Seminar (1-3 cr hrs.)
This seminar will be used to provide students and faculty the opportunity to devote in-depth study toward a particular topic of interest that is not available through other coursework. The individual faculty member conducting the seminar will determine the course content.

CRIM 405– Police Administration (3 cr hrs)
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, Fall.

CRIM 420 - Race, Gender, and Crime (3 cr hrs)
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, Fall.

CRIM 450– Political Violence and Terrorism (3 cr hrs)
This course is an examination of the social, economic, political, and ideological perspectives related to political violence and terrorism. This course will explore the foundations of terrorist activity, the structure of terrorist organizations, and other forms of political violence including torture and war.

CRIM 480 - Criminal Justice Capstone Seminar (3 cr hrs)
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. Spring.

CRIM 497- Practicum in Criminal Justice (1-4 cr hrs)
In lieu of coursework, the practicum is a supervised work experience with selected a criminal justice-related agency or organization designed to give the student actual experience in a particular area of criminal justice. The student will work approximately one hundred and twenty (120) hours for the semester. The practicum is open solely to criminal justice majors with junior-level status. Approval from the Program Director is required. Fall, Spring, Summer.

ECONOMICS

ECON 211 - Principles of Macroeconomics (3 cr hrs)
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 class. Prerequisite: MATH 105 or higher. Fall and Spring, Summer as needed.

ECON 212 - Principles of Microeconomics (3 cr hrs)
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. Fall and Spring, Summer as needed.

ECON 365 - Economic Development (3 cr hrs)
The course is designed to acquaint students with a wide array of economic development models on a regional, state and national level. The critical issues to be considered are determining the economic inputs for development, the cultural influences, the willingness of the government to support the needed policy initiatives, availability of financial resources to support entrepreneurial activity and job creation. Finally, the course will also discuss the setting of goals and present defined measures to assess economic and non-economic development outcomes. As needed.

EDUCATION

CDEV 400 - Integrated Creative Expression (3 cr hrs)
This course focuses on developmentally appropriate teaching strategies that stimulate creativity in young children and adolescents (K-6) by integrating art, music, drama, and dance within the content areas, such as reading, science, math, and social sciences. Constructivist theory and hands-on discovery learning are emphasized. Fall, Spring.

CDEV 450- Early Childhood Development (3 cr hrs)
This course is an overview of early childhood education, and a study of the domains of cognition, social/emotional, and physical development as related to planning and implementing early childhood programs including issues, environments, curriculum, instruction and assessment methods which evaluate student performance and achievement. Fall, Spring.

EDSL 200 Foundations of Language Acquisition (3 cr hrs)
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.

EDSL 320 Assessment and Characteristics of English Language Learners (3 cr hrs)
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.

EDSL 330 Methods of Instruction and Support for English Language Learners (3 cr hrs)
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. Field Placement required

EDUC 210 - Instructional Technology & Learning Resources (3 cr hrs)
This course requires candidates to use software packages, computer hardware, video and audio devices, and Internet resources to infuse technology into the K-12 classroom environment, to learn how to conduct on-line research ethically and efficiently, to develop an electronic portfolio, and to develop a multimedia project. Fall, Spring.

EDUC 290 - The Reflective Teacher (3 cr hrs)
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. Fall, Spring.

EDUC 310 - Research and Technical Writing in Education (1 cr hr)
This course is designed to enable candidates to understand and apply basic research principles to promote reflections, self-assessment, and commitment to continuous learning and improvement. Candidates will learn principles of information literacy and utilize the APA style for source base work. Candidates will learn how to use research strategies and resources to improve teaching, and promote student learning, and/or professional practice. Fall, Spring. EDUC 310X Jr SEWS Writing Requirement.

EDUC 340 - Instructional and Assessment Strategies (3 cr hrs)
This course presents instructional strategies and assessment, including direct instruction, cooperative learning, inquiry and multiple Intelligence theory; 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. Required for all Initial Teacher Licensure Undergraduate programs. Clinical field experience required. Fall, Spring.

EDUC 350 - Methods of Teaching Elementary Science (3 cr hrs)
Candidates know, understand, and use strategies and pedagogy to central concepts of life, earth/space, and physical sciences. Candidates design K-5 standards-based units of study, integrating the science themes, concepts, skills, and processes. Candidates develop science inquiry-based learning experiences in the partnership schools designed to meet the diverse learning needs of all students. Candidates plan, instruct, and assess life, earth/space, and physical science integrated unit lessons connected to science, technology, and societal issues. Fall, Spring.

EDUC 355 - Methods of Teaching Elementary Social Studies (3 cr hrs)
Candidates develop social studies learning experiences that are based on state and national curriculum standards, designed to meet the needs of all students, connected to real life and future careers. Candidates develop social studies lessons to be taught in PK-5 schools and continue to extend and refine their repertoire of instructional strategies. Candidates research and observe developmental characteristics, persistent educational issues, teaching strategies, diversity issues, gender and special needs issues, management/leadership issues and integrate technology from a case study or action research perspective. Required of K-5 majors only. Fall, Spring.

EDUC 360 - Secondary Instructional Methods and Strategies (2 cr hrs)
Organization, strategies, and responsibilities of teaching grades 6-12. Participatory approach to understanding and teaching students in grades 6-12. For secondary candidates. Prerequisites: EDUC 290.

Fall, Spring.

EDUC 370 - Measurement and Evaluation (3 cr hrs)
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. Fall, Spring.

EDUC 375 - Children's Literature (3 cr hrs)
Candidates are introduced to a wide variety of children’s literature and writers and will develop an extensive bibliography by genre and other criteria. Candidates will implement best practices for teaching children’s literature, integrating technology, choosing appropriate and relevant selections to meet targeted goals in the K-5 content classroom and to encourage their own as well as their students’ recreational reading. Fall, Spring.

EDUC 390 - Diversity in Today's Classroom (2 cr hrs)
An introduction to prepare the candidate for the challenge of preparing today’s students from diverse populations and backgrounds to live in a rapidly changing society, by examining issues of race, ethnicity, gender, class, language, religion, ability, geography, and age. Clinical field experience required. Fall, Spring.

EDUC 420 Reading Diagnosis and Correction (3 cr hrs)
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, phonic and word analysis, fluency, and vocabulary. Candidates will explore the symptoms, causes, and effects of reading disabilities, recommending research-based strategies which provide appropriate interventions to meet student needs. Candidates will create case reports detailing the data driven decision-making process of diagnosis, originating a course of instruction inclusive of appropriate corrective and remedial instruction. Course requirements include field experience and clinical practice under the supervision of the instructor) to observe classroom behaviors occurring in naturalistic environment and to provide authentic learning experience with diagnosing and correcting reading problems. Fall, Spring EDUC 420Z Sr SEWS Writing Requirement.

EDUC 440 -Teaching Literacy in the Elementary School (3 cr hrs)
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. Fall, Spring.

EDUC 450 - Methods of Teaching Elementary Mathematics (3 cr hrs)
Current trends, techniques, methods, materials and evaluation of elementary mathematics programs. This course focuses on constructivist approaches to hands-on discovery learning. Fall, Spring.

EDUC 460 - Methods of Instruction in Secondary Schools (3 cr hrs)
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. Fall, Spring.

EDUC 480 - Classroom Management (2 cr hrs)
Candidates re-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. Fall, Spring.

EDUC 497 - Enhanced Clinical Practice/ Seminar (12 cr hrs)
Clinical practice in two public school placements: K-5 for elementary majors; 6-12 for secondary majors; K-12 for art/music/physical education majors. Development of professional portfolio and senior multimedia presentation, Teacher Work Sample. Attendance at all seminars required. Prerequisite: formal admission to program and all required PRAXIS testing passed. Fall, Spring.

ENGLISH

ELI 013 - Grammar and Communication 1 (2 cr hrs*)
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.

ELI 014 - Grammar and Communication 1 Review (2 cr hrs*)
An opportunity for students who do not pass ELI 013 to review the course material and retest.

ELI 023 - Grammar and Communication 2 (2 cr hrs*)
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.

ELI 024 - Grammar and Communication 2 Review (2 cr hrs*)
An opportunity for students who do not pass ELI 023 to review the course material and retest.

ELI 033 - Grammar and Communication 3 (2 cr hrs*)
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.

ELI 034 - Grammar and Communication 3 Review (2 cr hrs*)
An opportunity for students who do not pass ELI 033 to review the course material and retest.

ELI 043 - Grammar and Communication 4 (2 cr hrs*)
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 044 - Grammar and Communication 4 Review (2 cr hrs*)
An opportunity for students who do not pass ELI 043 to review the course material and retest.

ELI 101/102: Any international student who scores below 527 (paper) or 71 (iBT) on the TOEFL test, or who scores below 400 on the Reading and Writing section of the SAT, is required to take these courses. Both ELI 101 and ELI 102 may count toward the credit hours required for an undergraduate degree.

ELI 101 - Grammar and Communication 5 (3 cr hrs)
This first 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 grammatical structures, developing academic vocabulary, and applying critical thinking and learned strategies for ensuring success in the college classroom. Pre-requisite: ELI 043/044 or TOEFL paper score of 475-500 (TOEFL iBT 61-70).

ELI 102 - Grammar and Communication 6 (3 cr hrs)
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 grammatical 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 053/054 or TOEFL paper score of 500-525 (TOEFL iBT 61-70).

ENGL 099 - Basic Reading and Composition (3 cr hrs*)
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 of 128 credits for graduation. This course is a prerequisite for students not meeting admission standards to ENGL 110.

ENGL 101 - Composition I (3 cr hrs)
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. Fall, Spring.

ENGL 102 - Composition II (3 cr hrs)
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 exam; or 26 or higher on the ACT English exam; or 670 or higher on the SAT Verbal exam. Fall, Spring.

ENGL 240 - Literary Forms (3 cr hrs)
Close reading and analysis of important literary works in a form or genre. Content varies. Writing intensive, includes a research paper. Satisfies third English general education requirement. Prerequisite: “C-” or higher in ENGL 102; or “C-” or higher in two (2) dual enrollment composition courses; or 4 or higher on the AP English Literature and Composition exam. Fall, Spring.

ENGL 250 - Literary History and Culture (3 cr hrs)
Close reading and analysis of major works from an important period of literary history. Content varies. Writing intensive, includes a research paper. Satisfies third English general education requirement. Prerequisite: “C-” or higher in ENGL 102; or “C-” or higher in two (2) dual enrollment composition courses; or 4 or higher on the AP English Literature and Composition exam. Fall, Spring.

ENGL 260 - Literary Themes (3 cr hrs)
Close reading and analysis of significant themes and topics in major literary works. Content varies. Writing intensive, includes a research paper. Satisfies third English general education requirement. Prerequisite: “C-” or higher in ENGL 102; or “C-” or higher in two (2) dual enrollment composition courses; or 4 or higher on the AP English Literature and Composition exam. Fall, Spring.
ENGL 300 - Literary Research and Criticism (3 cr hrs)
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. Corequisite: ENGL 102. Fall.

ENGL 311 - Survey of British Literature I (3 cr hrs)
Major periods and representative authors from the Anglo-Saxon period through the Neoclassical Period. Prerequisite: ENGL 102. Course offered every three semesters.

ENGL 312 - Survey of British Literature II (3 cr hrs)
Major periods and representative authors from the Romantic Age to the present. Prerequisite: ENGL 102. Course offered every three semesters.

ENGL 321 - Survey of American Literature I (3 cr hrs)
Representative authors and genres from the Colonial Period through the Civil War, including works by women and minority writers. Prerequisite: ENGL 102. Course offered every three semesters.

ENGL 322 - Survey of American Literature II (3 cr hrs)
Major movements, authors, and genres from 1865 to the present, including works by women and minority writers. Prerequisite: ENGL 102. Course offered every four semesters, Spring.

ENGL 360 - The English Language (3 cr hrs)
Traces the history of the English language and introduces major terms and concepts of grammatical and linguistic analysis. Prerequisite: ENGL 102. Course offered every four semesters, Fall.

ENGL 363 - Fiction Writing (3 cr hrs)
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. Prerequisite: permission of instructor, Fall.

ENGL 373 - Poetry Writing (3 cr hrs)
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. Prerequisite: ENGL 102 or permission of instructor. Every 3rd semester.

ENGL 383 - Creative Non-Fiction (3 cr hrs)
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.

ENGL 410 - Shakespeare (3 cr hrs)
A survey of approximately twelve plays, with collateral instruction in Renaissance social backgrounds, Elizabethan stage traditions, and textual matters. Prerequisites: ENGL 240, 250, or 260; or permission of instructor. Every 3rd semester.

ENGL 420 - Modern and Contemporary Poetry (3 cr hrs)
Explores significant stylistic and thematic elements in English and American poetry from 1900 to the present day. Primary focus on textual considerations, but some attention given to biographical concerns and critical theory. Prerequisites: ENGL 240, 250, or 260; or permission of instructor. Fall/Spring as needed.

ENGL 433 - Literary Periods (3 cr hrs)
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 240, 250, or 260; or permission of instructor. Annually.

ENGL 443 - Literary Genres (3 cr hrs)
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 240, 250, or 260; or permission of instructor. Annually.

ENGL 463- Advanced Fiction Workshop (3 cr hrs)
Building skills for writing quality fiction, including revision and submission research, and preparing a student for possible pursuit of a graduate degree in creative writing. Prerequisite: ENGL 363. Fall/Spring as needed.

ENGL 473 – Advanced Poetry Workshop (3 cr hrs)
Building skills for writing quality poetry, including revision and submission research, and preparing a student for possible pursuit of a graduate degree in creative writing. Prerequisite: ENGL 373. Fall/Spring as needed.

ENGL 483 – Advanced Non-Fiction Workshop (3 cr hrs)
Building skills for writing quality creative non-fiction, including revision and submission research, and preparing a student for possible pursuit of a graduate degree in creative writing. Prerequisite: ENGL 383. Fall/Spring as needed.

ENGL 497 - BFA Capstone (3 cr hrs)
Students develop, research, write, and market a creative work within their sub-discipline. The topic, length, and format are to be determined by both student and instructor. Students are required to research possible publication venues and compose query letters for submitting their finished work. Co-requisite: Second enrollment in one of the following courses: ENGL 463, ENGL 473, or ENGL 483. Fall/Spring as needed.

ENGL 498 - Creative Writing Internship (3 cr hrs)
Students will gain practical experience at literary or publication organizations such as a journal, magazine, commercial or academic press, literary agency, or non-profit organization in the field of writing. The internship is monitored and evaluated by a faculty internship coordinator in close consultation with the site supervisor at an approved agency providing the internship. Prerequisites: At least one advanced creative writing workshop, approval of the supervisor of the providing agency. Fall/Spring as needed.

ENVIROMENTAL SCIENCE

ENVS 100 - Introduction to Environmental Science (3 cr hrs)
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. Corequisite ENVS 100 lab. Class 3 credits. Lab 1 credit. Fall.

ENVS 397 - Junior Science Seminar (1 cr hr)
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. Fall/Spring as needed.

ENVS 400 - Appalachian Ecology (3 cr hrs)
This course is designed as a senior-level synthesis course to assess the depth of content knowledge in ecology. Specifically aspects of the course assess students’ abilities to apply ecological concepts to critically and realistically address real-world problems in Appalachian
ecology. Students taking ENVS 400 are expected to gain an appreciation and understanding of the origins of the Appalachian Mountains and the development of one of the most biologically diverse ecosystems on Earth. Case studies from primary and popular literature and resource management agencies provide investigations of Appalachian Mountain flora and fauna and raise issues regarding the management of fragile Appalachian Mountain resources. Prerequisite: BIOL 370. As needed.

ENVS 410 - Environmental Issues in Appalachia (3 cr hrs)
This course will address the root causes of environmental problems including population growth, resource abuse and pollution. Current issues regarding degradation of air, soil, and water quality will be discussed. Concepts of sustainable and nonrenewable energy resources will be reviewed. Appalachian region-specific topics include acid deposition in the Great Smoky Mountains National Park, mountaintop removal mining in West Virginia, pollution and reclamation efforts in the Pigeon River in North Carolina. Prerequisites: none. As needed.

ENVS 483 - Research in Environmental Science (1-3 cr hrs)
Laboratory, field, or library research on some aspect of environmental science. Approved research project and written report required. The student is required to document 30 hours of work for each credit hour enrolled. The course may be repeated for a maximum of 6 total credit hours toward degree requirements. Prerequisite: Junior standing and consent of faculty supervisor. Fall/Spring as needed.

ENVS 497 - Senior Science Seminar (1 cr hr)
Methods of literature search and sources of information in the environmental sciences. Requires a research paper on a topic in environmental science. Prerequisite: completion of all 300-level program requirements. Fall/Spring as needed.

ENVS 498 - Internship in Environmental Science (1-6 cr hrs)
Staff/apprentice work experience at an approved business/agency directly related to environmental 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. Lincoln Memorial University retains ultimate control and supervision of the internship. Prerequisites: Approval of the director of the Environmental Science Program. Fall/Spring as needed.

FINANCE

FIN 310 - Finance for Small Business Owners and Entrepreneurs (3 cr hrs)
This course is designed to provide an in-depth knowledge of finance for small business owners and entrepreneurs who are engaged in business organizations such as self- proprietorship, partnerships, corporations, limited liability companies, franchises and non-profit organizations. The topics covered in the course include but not limited to capital budgets, operating budgets, working capital management, financial statement analysis, cash flow analysis, equity financing, debt and equity financing, profitability analysis break-even analysis and bankruptcy. Prerequisites: FIN 360 and Acct 210. Spring.

FIN 370 - Financial Markets and Institutions (3 cr hrs)
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.

FIN 380 - Investment Analysis and 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.

FIN 410 - Finance for Small Business Owners and Entrepreneurs (3 cr hrs)
This course is designed to provide an in-depth knowledge of finance for small business owners and entrepreneurs who are engaged in business organizations such as self- proprietorship, partnerships, corporations, limited liability companies, franchises and non-profit organizations. The topics covered in the course include but not limited to capital budgets, operating budgets, working capital management, financial statement analysis, cash flow analysis, equity financing, debt and equity financing, profitability analysis break-even analysis and bankruptcy. Prerequisites: FIN 360 and Acct 210. Spring.

FIN 420 - Advanced Financial Management (3 cr hrs)
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.

FIN 430 – Financial Forecasting and Budgeting (3 cr hrs)
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.

FIN 440– Seminar in Finance (3 cr hrs)
This is a capstone course for students with a concentration in Finance. It is designed to sharpen the analytical skills and enhance students’ knowledge in areas that are highly desired by potential employers in the field of finance. The course will comprise of case studies, which will be based on practical financial practices and class discussions. Topics covered in the course will include capital investment decisions, valuations, financial planning and forecasting, evaluation of financial performance and working capital management.

FRENCH

FREN 111- Beginning French I (3 cr hrs)
Introduces modes of French communication and emphasizes conversational language through application of grammatical structures to vocabulary. Includes listening and reading comprehension. Fall, Spring.

FREN 112 - Beginning French II (3 cr hrs)
Introduces modes of French communication and emphasizes conversational language through application of grammatical structures
to vocabulary. Includes listening and reading comprehension. Prerequisite: FREN 111 or one year of high school French. Fall, Spring.

GEOGRAPHY

GEOG 100 - Introduction to Geography (3 cr hrs)
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. Every Spring, plus Fall (odd years).

GEOG 110 - World Regional Geography (3 cr hrs)
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. Spring.

GEOG 120 – Introduction to Physical Geography: Planet Earth (3 cr hrs)
Examines the four major components of the natural environment (atmosphere, hydrosphere, lithosphere, and biosphere). Topics of study include weather and climate (including severe weather), plate tectonics, volcanoes, oceans, streams, glaciers, landslides, and biomes. Emphasis will be placed on interactions between humans and the natural environment. Corequisite, GEOG 120 lab, 1 credit hour. General Education Core Curriculum, Physical Sciences. Fall and Spring.

GEOG 211 - Introduction to Human Geography (3 cr hrs)
Students will study the spatial distribution of humans through five themes: region, diffusion, interaction, ecology, and landscape. Topics of study include languages, ethnicities, politics, agriculture, cities, transportation, and industry. General Education Core Curriculum, Behavioral/Social Sciences. Fall.

GEOG 300 - Environmental Geography (3 cr hrs)
Examines the effects humans have on the environment, including other species, air, and water. An emphasis of the course will be the human search for and use of natural resources, how these practices disturb natural systems, and methods, including environmental legislation, to minimize such disturbances. Prerequisite: Successful completion of ENGL 102 or its equivalent. General Education Core Curriculum, Behavioral/Social Sciences. Fall.

GEOG 350 - Geography of Religion (3 cr hrs)
Examines the origin and diffusion of the major world religions. Historical and social circumstances that led to main religious doctrines are explored. Emphasis is placed on the modern distribution of religions and their imprints on human and physical landscapes. Prerequisite: Successful completion of ENGL 102 or its equivalent. General Education Core Curriculum, Fine Arts, Humanities, and Ethics. Fall (odd years).

GEOG 440 - Geography of Appalachia (3 cr hrs)
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. Fall (even years).

GEOG 496 – Independent Study in Geography (1-6 cr hrs)
Advanced study in geographical research techniques, as defined by the instructor. This course is reserved for upper-level students pursuing a minor in geography. Prerequisite: successful completion of ENGL 102 or its equivalent and consent of the instructor. GEOG 496 may be repeated for a maximum of 6 credit hours. Fall and Spring as needed.

GEOG 498 – Internship (1-6 cr hrs)
Staff/apprentice work experience at an approved business/agency directly related to geography. Each credit hour earned requires 50 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.

GEOLOGY

GEOL 100 - Introduction to Physical Geology (3 cr hrs)
This course serves as an introduction to the composition and structure of the earth and modifying agents and processes. Topics of study will include the formation of minerals and rocks, weathering, erosion, earthquakes, and crustal deformation. Prerequisites: none. Corequisite GEOL 100 lab. Spring.

HEALTH

HLTH 110 - Introduction to Health (1 cr hr)
This course is an introduction to the field of health as a course of study and as a career. This course will provide insight into what students can expect as they progress through the degree program as well as what to expect once they complete their degree. This course is meant to be a broad overview of health and the possibilities for health employment and advanced health education.

HLTH 120 - Safety, First Aid, and CPR (2 cr hrs)
Basic first aid and CPR; emphasis on safety consciousness; American Red Cross certification may be earned. Fall, Spring.

HLTH 200 - Personal Health (2 cr hrs)
Achievement and maintenance of personal health/wellness. Topics include nutrition, weight control, mental health, stress, sexuality, and disease risk factors. As needed.

HLTH 210 - Nutrition (3 cr hrs)
Nutrients associated with normal body functioning; nutritional issues and the life cycle, weight management, diet therapy, clinical care, and disease prevention. Fall, Spring.

HLTH 215 - Writing for Health Professionals (1 cr hr)
This course is designed to give students insight into how to read, write, and synthesize health related information that appears in journals, textbooks, and other media. Each week students will review journal articles, textbooks and other media and discuss the best ways to use health literature. Students will learn what seminal articles are and how to use articles to research health topics. This course will also provide an in-depth understanding of purpose statements, reviews of the literature, methods, results, conclusions and discussions as they relate to writing in the health field.

HLTH 220 - Lifetime Wellness (2 cr hrs)
Development of wellness plans including nutrition and diet plans, exercise programs, health related physical fitness, healthy lifestyles and positive decision making skills. Wellness evaluation and assessment are also included. Fall, Spring.

HLTH 225 - Emerging Issues in Health (1 cr hr)
The purpose of this course is to provide students with the ability to critically think and discuss emerging health issue. Various literature sources will be assessed to determine what health trends we are currently seeing and may anticipate seeing in the future. This course will review emerging health issues in the U.S. as well as other countries.

HLTH 230 - Family Living (3 cr hrs)
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.
HLTH 310 - Nutritional Considerations Across the Lifespan (3 cr hrs)
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. Fall.

HLTH 330 - Consumer and Environmental Health (3 cr hrs)
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. Fall.

HLTH 335 - Communicable and Non-communicable Diseases (3 cr hrs)
This course is designed to serve as an introduction to human-specific disease. Emphasis will be on causes, signs, symptoms, treatment, management, and prevention of diseases. This course will prepare students for future medical training in a variety of health related fields.

HLTH 340 - School Health Programs and Services (3 cr hrs)
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. Fall, Spring.

HLTH 350 - Health Economics (3 cr hrs)
This course is designed to provide economic concepts that are used to analyze health, the market for health care and how economics should be used to set healthcare policies.

HLTH 360 - Drug Awareness (3 cr hrs)
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.

HLTH 365 - Epidemiology (3 cr hrs)
This course is designed to provide an introduction to the basic concepts and principals of epidemiology. The design, analysis and interpretation of epidemiological studies will be covered in this course. Students will be able to demonstrate knowledge regarding measurement of disease prevalence, incidence and measures of effect. Issues related to the interpretation of epidemiological studies will also be presented in this course.

HLTH 410 - Food Aspects of Nutrition (3 cr hrs)
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 BIO 230 or both BIO 261 and 262. Spring.

HLTH 420 - Theories in Health Education (3 cr hrs)
This course will provide students with an opportunity to learn a variety of health theories and their application to real-world research questions. Students will learn what factors play a role in health behaviors and the importance of these influences.

HLTH 425 - Sport and Exercise Nutrition (3 cr hrs)
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.

HLTH 470 - Health of the Elderly (3 cr hrs)
Later stages of the life cycle; biological and chronologging 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.

HLTH 480 - Recreation, Leisure, and Aging (3 cr hrs)
Recreational and leisure interests of the elderly. Program planning, evaluation, and delivery of recreational services. As needed.

HLTH 485 - Grant Writing and Procurement (3 cr hrs)
The goal of this course is to have students produce a grant that will be submitted to a funding agency for consideration. Students will learn which funding agencies fit their funding needs. Students will learn the various sections of a grant, including specific aims, background and significance, methods and results. Once a funding agency is found, students will learn how to write a grant based on that funding agency’s requirements. Students will write a grant and review grants of their classmates throughout the course. Once written, constructive feedback sessions will be conducted weekly with each student providing and receiving feedback.

HLTH 493 - Practicum in Health (1-3 cr hrs)
Placement in a school health environment or health related agency. Seminar sessions included. Prerequisites: HLTH 120. As needed.

HISTORY

HIST 121 - World History to 1500 (3 cr hrs)
Surveys the history of human communities before approximately 1500. Strong emphasis on the development of the major Middle Eastern, African, European, Asian, and American civilizations and their economic, religious, cultural, military, and political interactions. Fall, Spring.

HIST 122 - World History since 1500 (3 cr hrs)
Surveys world history from approximately 1500 to 2000, with emphasis on modernization in Western culture from 1500 to 1914 and how various Eurasian countries and empires were affected by modern development. Other topics to be covered include Western global domination and indigenous responses to this domination, the global impact of the world wars, decolonization, and the Cold War. The role of the United States as a major power, especially in the twentieth century, will be stressed. Fall, Spring.

HIST 131 - American History to 1877 (3 cr hrs)
Surveys the history of the United States from the discovery of the New World to the end of Reconstruction. Emphasis on the establishment of the characteristic institutions, cultural values, and expectations of American life. Special coverage of the Revolution, the Frontier, ethnic and cultural diversity, and the Civil War. Fall, Spring.

HIST 132 - American History since 1877 (3 cr hrs)
Surveys the history of the United States from the end of Reconstruction to the turn of the twenty-first century. Emphasis on the development of a modern society exercising world power in a complicated world. Special coverage of industrialization, the World Wars, the Depression, the Cold War, and social and cultural trends in American life. Fall, Spring.

HIST 250 - Introduction to Public History (3 cr hrs)
This course will provide students with an introduction to the issues and challenges associated with providing historical services, programming, exhibits, and archival material to the general public. Specific topics will include the management and operation of non-profit historical organizations, collection, storage and/or exhibit of historical objects and documents, fundraising and grant writing, and programming. Fall/Spring as needed.

HIST 300 - Introduction to Historical Studies (3 cr hrs)
Introduction to history as an academic discipline his course will discuss primary and secondary sources, argument development and analysis, proper research methods and citation techniques, research paper construction, and article and book reviewing procedures. This
course will also touch on the major schools of historiographical thought and a variety of issues facing historians today. Using the skills they develop in this course, students will complete a major research project. Must have six credit hours of history or permission of instructor. Fall.

HIST 310 - Colonial America (3 cr hrs)
Surveys the history of the thirteen British colonies in North America from 1607 to 1763. Emphasis on the establishment of English colonies, institutions, and values in the New World. Covers conflicts with Native Americans, French, and Spanish, and the growth and development of a culturally and ethnically diverse population in British North America. Must have six credit hours of history or permission of instructor. Fall/Spring as needed.

HIST 320 - History of Tennessee (3 cr hrs)
Surveys the history of Tennessee from its Native American roots to the late 20th century. Emphasis on the settlement period, the Revolutionary era, early statehood, Civil War and Reconstruction, and the turn of the century period. Studies the development of Tennessee society as well as the state's relationship to national history. Required of Interdisciplinary Social Science majors pursuing secondary teacher licensure in Tennessee. Must have six credit hours of history or permission of instructor. Fall/Spring as needed.

HIST 330 - Native American History (3 cr hrs)
This course will examine the culture and history of Native Americans, beginning briefly with pre-Columbian societies of Central, South, and North America, but focusing largely on North America during the period from the earliest European contact to the present. Particular emphasis will be placed on the evolving nature of the diplomatic, social, political, and military interaction that took place between the various tribes and the governments of Europe and the United States. Must have six credit hours of history or permission of instructor. As needed.

HIST 340 - Medieval History (3 cr hrs)
This course is an introductory survey of medieval society, culture, and politics, beginning with the decline of the Roman Empire through the fifteenth century. We will pay some attention to the interactions between Byzantium, the Islamic world, and the medieval West; however, the main focus of this course will be Western Europe. Topics covered in the course include the rise and fall of Charlemagne’s empire; the rise of European monarchies; the recurrent conflicts between popes and kings; the crises of the fourteenth century; and the recovery of the classical intellectual heritage. Must have six credit hours of history or permission of instructor. Spring, every third year.

HIST 344 - British History to 1688 (3 cr hrs)
This course is the first of a two-course sequence on British history. It will focus on political, social, economics, and cultural change during centuries when Britain moved from being a remote province of the Roman Empire to the early years of its own imperial expansion until the beginning of the Glorious Revolution of 1688. Special attention will be given to the development of English Common Law, the foundation of the English Parliament, and the English Reformation. Must have six credit hours of history or permission of instructor. Fall every even year.

HIST 345 - British History since 1688 (3 cr hrs)
Surveys British History from 1688 to the present. This course will examine the three major kingdoms in the British Isles but will focus more on England. This course will proceed chronologically and examine several themes throughout, including the role of religion in society, the development of parliamentary government from the Revolution of 1688 through the rise of the Labor party in the late 20th century, the birth of the Industrial revolution and the changes in society, the rise of Great Britain as a commercial, naval, and imperial power, Great Britain's role in Europe, the central government's dealings with the other kingdoms in the British crown, including questions of British identity, and Great Britain's role in world politics

in the late 20th century. Must have six credit hours of history or permission of instructor. Spring every odd year.

HIST 346 - Ancient Greece (3 cr hrs)
Explores the evolution of Greek civilization from the Bronze Age to the Hellenistic period. Special attention will be given to the political institutions and practices, culture, economy and society of ancient Greece. Topics covered in the course include the Persian Wars, the Peloponnesian War, and Alexander the Great. There is a substantial research and writing component to this course. Must have six credit hours of history or permission of instructor. Fall every 3rd year.

HIST 347 - Early Modern European History (3 cr hrs)
This course of a broad survey of early modern European history beginning about 1450 and proceeding to 1789. Must have six credit hours of history or permission of instructor. Fall/Spring as needed.

HIST 350 - America, Asia, and the Pacific (3 cr hrs)
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. Must have six credit hours of history or permission of instructor. Every 3rd year.

HIST 360 - History of Rome (3 cr hrs)
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 3rd year.

HIST 370 - History of Appalachia (3 cr hrs)
Survey of the history of the Appalachian region with attention given to Native American societies, European settlement, social change and stagnation, periods of emigration, as well as the role of the federal government through New Deal and the War on Poverty initiatives in the region. Must have six credit hours of history or permission of instructor. Fall/Spring as needed.

HIST 380 - Modern South Asia (3 cr hrs)
Examines the history of Modern South Asia from 1715 to the present. Course will begin with a brief overview of Ancient, Medieval, and early Mughal South Asia, with special attention to the developing religions traditions in the subcontinent. We will investigate the decline of the Mughal Empire, the largest Muslim kingdom in South Asia. The course will then trace the rising European interest in South Asia, discussing the British and French proxy struggles for economic and political power. The course will then follow the growth of East India Company rule, the Indian Mutiny, and the subsequent crown rule. Rising Indian nationalism and the struggle for independence will be examined. The course will end with a look at India, Pakistan, and Bangladesh as modern independent nations. Must have six credit hours of history or permission of instructor. Spring every even year.

HIST 393 - Topics in Public History (3 cr hrs)
This course explores various themes, problems, and opportunities associated with the field of public history primarily through examination of relevant literature in the scholarly field combined with practical application of theory. Specific topics to be chosen by the instructor. Must have six credit hours of history or permission of instructor. Fall/Spring as needed.

HIST 394 - Museum Studies (3 cr hrs)
This course examines the history and current state of the museum profession as well as the function of the museum. The course also
examines the components of museum and historic site operations and the spectrum of general and specialized museum. May be repeated. Must have six credit hours of history or permission of instructor. Fall/Spring as needed.

**HIST 410 - American Military History (3 cr hrs)**
Surveys the military history of the United States from the Colonial period though the late 20th century. The emphasis is on why and how wars were 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. Must have six credit hours of history or permission of instructor. Every 3rd year.

**HIST 414 - Crusades (3 cr hrs)**
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 through 1300, it will also address how the idea of crusading has changed over time, influencing modern rhetoric on Christian-Muslim relationships. Topics will include the articulation of Christian and Muslim theories of Holy War, the foundation of the crusader kingdoms, and the economic and social effects of the Crusades in Europe and the Levant. The course materials will draw upon a wide range of primary source materials, including chronicles, travelogues, sermons, religious disputations and legal contracts. Prerequisite: Must have six credit hours of history or permission of instructor. Spring every 3rd year.

**HIST 420 - The American Frontier and Westward Expansion (3 cr hrs)**
This course will provide a basic understanding of the role of the frontier in American history and the impact of the frontier experience on Americans. The course will include a study of the significant trends and events that are associated with American westward expansion during the 400 year period that followed initial European exploration in the mid-sixteenth century. Topics and themes will include: motives for and consequences of exploration, the nature and impact of interaction with Native Americans, settlement patterns, economic development and exploitation, the adaptation and growth of social institutions, and the folklore and romanticism that has developed around the frontier experience. Must have six credit hours of history or permission of instructor. Fall/Spring as needed.

**HIST 423 - Topics in World History (3 cr hrs)**
Specialized study of issues, periods, areas, and trends in World History. Satisfies non-western history requirement for History major. May be repeated for additional credit with different topical heading. Must have six credit hours of history or permission of instructor. Fall/Spring as needed.

**HIST 424 - Early Western Legal Tradition (3 cr hrs)**
This course examines the development of the western legal tradition from its foundation in Roman law to the end of the Middle Ages by addressing the different medieval European legal systems, such as customary law, canon law, feudal law, common law, and royal law: all of which influence the later development of the law in the West. This course will also examine the pre-modern origins and development of the legal profession. Must have six credit hours of history or permission of instructor. Spring as needed.

**HIST 433 - Topics in European History (3 cr hrs)**
Specialized study of pivotal topics, periods, and movements in European history, such as the Renaissance and Reformation, the Enlightenment, the French Revolution, the Italian Risorgimento, nationalism, and socialism. May be repeated for additional credit with different topical heading. Must have six credit hours of history or permission of instructor. As needed.

**HIST 434 - History of the U.S. Constitution (3 cr hrs)**
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 served to encourage the 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 ways in which the powers of the Constitution have been expanded or restricted in the two centuries since it was adopted. Must have six credit hours of history or permission of instructor. Spring as needed.

**HIST 450 – America and Europe in the 20th Century (3 cr hrs)**
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. Every 3rd year.

**HIST 460 - Lincoln’s Life and Times (3 cr hrs)**
Studies Abraham Lincoln as a person and as a major political figure in American history. Includes 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. Must have six credit hours of history or permission of instructor. Fall/Spring as needed.

**HIST 470 - American Civil War (3 cr hrs)**
Examines the origin, conduct, and legacy of the Civil War, including the history of slavery in America and its impact on sectional unity and division in the mid-nineteenth century. Heavy emphasis on political issues and the military history of the war. Must have six credit hours of history or permission of instructor. Every 3rd year.

**HIST 480 - Historical Methods (3 cr hrs)**
Examines the methods and values associated with historical research and writing. Includes discussions on the nature of history, the ethics and public obligations of professional historians, the role of the historian in educational institutions, and the varied theoretical approaches used by historians when approaching their subjects. Results in the research, writing, and classroom discussion of a major paper. Prerequisite: HIST 300 and Senior standing. Spring.

**HIST 493 - Senior Thesis in History (1-3 cr hrs)**
Students develop, research, write, and present a major research paper in conjunction with 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 committee of the whole among 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. As needed. Approval of instructor and Program Director required. If repeated for credit, must be taken in consecutive terms.

**HIST 498 - Internship in Public History (1-6 cr hrs)**
Staff/apprentice work experience at an approved business/agency directly related to museums. 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 HIST 498 applicable to the major program in History. Up to 3 additional credit hours applicable as electives to the baccalaureate degree. Lincoln Memorial University retains ultimate control and supervision of the internship. Prerequisites: at least Junior classification and approval of the director of the History Program. Must have six credit hours of history or permission of instructor. Fall/Spring as needed.
HONORS

HNRS 100 - Honors Perspective and Skills (1 cr hr)
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 an integrated focus on skills for success in college expectations which include academic, social, and service learning. Prerequisite: admission into the University Honors Scholars Program. Fall.

HNRS 200 - Meaning and Service in a Diverse World (3 cr hrs)
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. Prerequisite: HNRS 100 and good standing in the University Honors Scholars Program. Spring.

HNRS 303 - Junior Honors Thesis Project (1-3 cr hrs)
This course initiates the honors thesis scholarly work where students implement 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 should culminate in an oral presentation of a written work and thus could substitute for the Junior SEWS writing requirement. Prerequisite: HNRS 200 and good standing in the University Honors Scholars Program plus instructor approval. Fall and Spring.

HNRS 403 - Senior Honors Thesis (1-3 cr hrs)
This course is a continuation of the honors thesis 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 and Honors Program Director. The outcome of this course is a product that is ready to present and defend before faculty and students. If the scholarly work is 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 should culminate in an oral presentation of a written work and thus could substitute for the Senior SEWS writing requirement. Prerequisite: HNRS 303 and good standing in the University Honors Scholars Program plus instructor approval. Fall and Spring as needed.

HNRS 497 - Senior Honors Capstone (1 cr hr)
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. Prerequisite: HNRS 403 and good standing in the University Honors Scholars Program and instructor approval. Open to graduating Honors students only. Fall and Spring.

INFORMATION SYSTEMS

ISYS 100 - Computer Literacy (2 cr hrs)
This course addresses the elementary study of microcomputers; topics include hardware and operating systems, introduction to word processing, spreadsheets and database, communications software, computer terminology, ethics, social implications, and career opportunities. This course should be completed during the freshman year. For students demonstrating computer skills equivalent to ISYS 100, the General Education Core Curriculum requirement in Computer Literacy may be waived; opportunities for such are provided during Student Orientation sessions preceding each semester. Fall, Spring, Summer

ISYS 220 - Principles of Applied Business Programming (3 cr hrs)
This is a first course in computer programming. This course teaches problem solving with illustrative, structured systems development; varied techniques addressed include development, modeling and testing of programming logic. Beginning programming languages include an introduction to HTML5, C++, and C#. Prerequisite: ISYS 100 and completion of the General Education Math requirement. Fall (even years).

ISYS 310 - Advanced Business Programming (3 cr hrs)
This is a second course in computer programming, which applies the concepts of modeling, comparison, testing and production of business programs presented in ISYS 220. Advanced program projects will include those developed with C++, C#, ASP.Net from the Visual Studio Development Suite. Prerequisites: ISYS 220 and completion of the General Education Math requirement. Spring (odd years).

ISYS 320 - Data Communications and Networking (3 cr hrs)
This course addresses issues of transmission of data, voice, and video including transmission systems and associated hardware and software; types of networks; introduction to the OSI model, LANs and WANs; network security considerations; and applications of networks. Prerequisite: ISYS 220 or permission of Instructor. Fall.

ISYS 330 - Database Management and Modeling (3 cr hrs)
This course investigates physical and logical database designs, database modeling, relational, hierarchical, and network models that utilize data analysis and manipulation language to query, update, and manage a database, provides an understanding of essential DBMS concepts such as: database security, integrity, concurrency, distributed database, and intelligent database, Client/Server (Database Server), Data Warehousing and applies design and development of a simple database system demonstrating competence with the fundamental tasks involved with modeling, designing, and implementing a DBMS. Prerequisites: ISYS 220 and completion of the General Education Math requirement. Fall (even years).

ISYS 430 – Information Security (3 cr hrs)
This course provides the foundation for understanding the key issues associated with protecting information assets, determining the levels of protection and response to security incidents. The purpose of the course is to provide the student with an overview of the field of information security and assurance. Students will be exposed to the spectrum of security activities, methods, methodologies, and procedures. Coverage will include inspection and protection of information assets, detection of and reaction to threats to information assets, and examination of pre- and post-incident procedures, technical and managerial responses and an overview of the information security planning and staffing functions.

ISYS 450 - Project Management and Integration (3 cr hrs)
This course is an introduction to management of projects, with particular emphasis placed on the interdisciplinary nature and broad application of project management. Topics include project selection and initiation, management of risk, planning, financing, scheduling and resource allocation, human resources, quality, control, evaluation and termination. The treatment of project management is consistent with A Guide to Project Management Body of Knowledge (PMBOK Guide), developed by the Project Management Institute (PMI). Prerequisite: ISYS 330. Spring (odd years)

ISYS 480 - Business Systems Analysis and Design (3 cr hrs)
This course addresses the fundamental concepts and techniques of information systems analysis and design, including coverage of the systems development life cycle. The application of tools and techniques for analysis, planning, design and documentation of information systems is also covered. Topics include data flow analysis, data structuring, process flow analysis, file design, input and output design, and program specification. Prerequisite: ISYS 450 (or concurrent enrollment). (Spring, even years)
ISYS 495 - Special Topics in Information Systems (3 cr hrs)
Advanced topics from the field of Computer Information Systems are addressed in this course. Topics may include but are not limited to: computer networks, database design and management, electronic commerce, distributed processing, network security, and management of information technology. Prerequisite: ISYS 480 and senior classification.

ISYS 497 – Information Systems Development Seminar/Systems Project (3 cr hrs)
This capstone course provides an opportunity for the student to design a system, write programs, convert data, test, and produce a working system in a real-world situation. Prerequisites: ISYS 480 and Senior classification.

ISYS 498 - Internship (3 cr hrs)
This course provides for on-the-job experience directed by a member of the School of Business faculty. It may be repeated to a total of 9 credit hours applicable to program and/or degree requirements. Lincoln Memorial University retains ultimate control and supervision of the internship. Prerequisite: approval of chair. Fall, Spring, and Summer.

INTERDISCIPLINARY COURSES
HUMN 393 - Humanities/Fine Arts Seminar (3 cr hrs)
An interdisciplinary course exploring important periods and/or themes in world cultures. Content varies. May be repeated as elective credit. Fall/Spring as needed.

HUMN 380 - Secondary Methods for Teaching the Humanities (3 cr hrs)
This course will address ideas and best practices for effective secondary instruction in History or English. Topics will include contemporary state and national English or History content, learning standards, lesson design and assessment, combined with real-world application of best-practice methodology and strategies relevant to the content. The literature of content instruction and the use of presentations and in-class practice teaching are an integral part of the course. There is no field experience requirement. Offered as needed.

LINCOLN
LNCN 100 - Lincoln’s Life and Legacy (1 cr hr)
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.

LNCN 300 - American Citizenship and Civic Life (1 cr hr)
An overview of the rights and obligations of American citizenship and the citizen’s role in a democratic society. Important related issues such as the Bill of Rights, Separation of Powers, Church/State relations, America’s role in the world, and civil political discourse will also be discussed. Prerequisite: Junior status or permission of instructor. Fall, Spring.

MANAGEMENT
MGMT 300 - Principles of Management (3 cr hrs)
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 and Spring.

MGMT 310 - Human Resource Management (3 cr hrs)
The course addresses the fundamental processes of utilizing human resources to maximize organizational efficiency. Topics include principles of human resource planning, employee; recruitment, selection, compensation and retention. Prerequisite: MGMT 300. Fall

MGMT 320 - Organizational Behavior (3 cr hrs)
This course addresses organizational interactions affecting individual behavior and organizational performance. Topics include worker attitudes, motivation, leadership, communication, conflict, conflict resolution, culture, climate, structure, team dynamics and organizational development. Prerequisite: MGMT 300. Spring.

MGMT 330 - Operations Management (3 cr hrs)
This course covers the operational functions necessary to enable decision making strategies to improve efficiency and effectiveness in organizations. Topics include quality control, flow analysis, inventory, performance improvement, scheduling and forecasting. Prerequisites: MGMT 300, MKTG 300, BUSN 270. Spring.

MGMT 360 - Organizational Theory (3 cr hrs)
This course emphasizes the structure of modern organizations and systems. The course covers topics confronting complex organizations and special problems of project and/or program management, matrix management, venture management, and contingency management will be discussed. Prerequisite: MGMT 300. Fall.

MGMT 414 - Negotiations in Organizations (3 cr hrs)
This course is designed to develop principles, skills, and techniques for effective negotiation and conflict resolution. Topics include both internal and external negotiations for an enterprise. Prerequisite: MGMT 310. Spring.

MGMT 420 – Fundamentals of Leadership (3 cr hrs)
This course addresses organizational leadership interactions and the impact affecting individual behavior and organizational performance. Topics include leadership principles, attitudes, motivation, communication, conflict resolution, team dynamics management performance and effective organizational development. Prerequisite: MGMT 300. Spring.

MGMT 460 – Organizational Theory (3 cr hrs)
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.

MARKETING
MKTG 300 - Principles of Marketing (3 cr hrs)
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. Prerequisites: ECON 211 or ECON 212. Fall, Spring.

MKTG 310 - Advertising (3 cr hrs)
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. Spring.

MKTG 330 - Consumer Behavior (3 cr hrs)
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.

MKT 340 - Brand Management (3 cr hrs)
Branding is a fundamental element of competitive marketing strategy. This course addresses the importance of branding, provides strategies and theories for building, leveraging, and defending strong brands. Other topics include the current opportunities and challenges brand managers face. Prerequisite: MKTG 300. Spring.
MKTG 410 - International Marketing (3 cr hrs)
Foundations in international market exploration are analyzed for business opportunity. International diversities are discussed and employed for international marketing planning. Prerequisites: MKTG 300, BUSN 310. Fall.

MKTG 420 - Sales Management (3 cr hrs)
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.

MKTG 430 - Marketing Management (3 cr hrs)
This course addresses the development of managerial decision-making techniques and problem solving through the analysis of marketing cases. Emphasis is placed on effective marketing plans and market opportunity analysis. Prerequisite: MKTG 300. Spring.

MKTG 440 - Marketing Research (3 cr hrs)
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.

MKTG 450 - Services Marketing (3 cr hrs)
An examination of problems associated with the marketing of services, as well as, an exploration of alternative strategies to resolve problems and improve service marketing quality. Prerequisite: MKTG 300. Fall, even years.

MKTG 454 - Event Marketing (3 cr hrs)
This course focuses on project management techniques, legal agreements and proposal-writing, press-releases and promotional message design for special events (business openings, conventions, sports tournaments). Additional topics include staffing, training, and accounting controls required for such events. Prerequisite: MKTG 300. Spring even years.

MKTG 460 - Retail Marketing (3 cr hrs)
The study of profit planning and business control, merchandising, pricing, promotion, store location, layout, policies, and coordination of store activities. Prerequisites: MKTG 300, MKTG 420. Spring, even years.

MKTG 468 - E-Commerce (3 cr hrs)
This course addresses the technological, management, and marketing foundations of electronic commerce. Topics include electronic commerce infrastructure, designing online store fronts, payment acceptance, security issues, and the ethical and legal challenges of electronic commerce. Prerequisite: MKTG 300. Fall, even years.

MKTG 470 - Marketing Channels and Logistics (3 cr hrs)
Introduces supply-chain management and business distribution channels decisions and their impact on the logistics of goods and services transfer. Distribution channel evaluation and current trends in marketing distribution are discussed. Prerequisite: MKTG 300. Fall, even years.

MKTG 480 - Advanced Marketing Management (3 cr hrs)
This course will familiarize students with the role of the marketing manager in charting the direction of a business, and formulating strategies to create or sustain competitive advantage. It provides knowledge and skills to help students identify, analyze, and address marketing problems and opportunities, and enable them to make effective business decisions. This course should culminate in an oral presentation of written work. Prerequisite: MKTG 300, good standing in the University Honors Scholars Program, or instructor approval. Spring.

MKTG 497 - Marketing Strategy (3 cr hrs)
This is the capstone course for the Marketing Concentration. This course emphasizes the integration of marketing concepts, and the implementation of marketing strategies for brands and businesses. Topics include selection of markets, segmentation, allocation of resources, elements of the marketing mix, as well as, significant strategic issues facing managers in a dynamic competitive environment. The final project for this course will integrate business and marketing concepts for detailed marketing. Prerequisite: Senior status or permission from the instructor.

MATHEMATICS

MATH 099 - Introduction to Algebra (3 cr hrs*)
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 basic algebra of sets and real numbers including notions of equivalent expressions, rational exponents and radicals, and solutions of algebraic equations. Students that score 18 or lower on the Mathematics sub-score of the ACT or SAT Math score of 460 or lower, are automatically enrolled in Math 099. Graded A, B, C, NC, or F. This course requires 2 hours of laboratory each week.*3 cr hrs toward academic load, but not counted toward the required minimum of 128 credits for graduation. This course is a prerequisite for students not meeting admission standards to MATH 105. Fall/Spring.

MATH 105 – Transitional College Mathematics (3 cr hrs)
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, distinct but equivalent expressions, words of a type versus objects of a type, and use thereof in both contexts. 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. Prerequisites: Math ACT of 19 or higher, or Math SAT 500 or higher, or successful completion of MATH 099. Fall/Spring.

MATH 110 – Reasoning and Problem Solving (3 cr hrs)
The mathematical reasoning involved in problem solving is explored through various applications, using function notation, and incorporating counting principles, basic probability, descriptive statistics, geometry and measurement, spatial sense/visual thinking, and logic. A student receiving credit for MATH 110 cannot receive credit for MATH 115. Prerequisite: Mathematics ACT sub-score of 21 or higher, OR successful completion of MATH 105. Fall/Spring.

MATH 115 – College Algebra (3 cr hrs)
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. A student receiving credit for MATH 115 cannot receive credit for MATH 110. Prerequisite: Mathematics ACT sub-score of 21 or higher, OR successful completion of MATH 105. Fall/Spring.

MATH 120 – Trigonometry (3 cr hrs)
Specific preparation for calculus with review of functions and inverses, graphs, right triangle trigonometry, circular functions, identities, law of sines and law of cosines, and applications. Related topics from complex numbers, mathematical induction, and sequences are covered as time allows. Prerequisite: MATH 115 or Math ACT sub-score of 23 or higher. Fall.

MATH 150 – Calculus I (4 cr hrs*)
An emphasis on single variable differential calculus and an introduction to single variable integral calculus, with supporting material from analytic geometry. Prerequisite: MATH 120-Trigonometry or Math ACT sub-score of 26 or higher or Math SAT sub-score of 650 or higher. *5 contact hours: 4 lecture +1 recitation/lab. Fall, Spring.
MATH 250 - Calculus II (4 cr hrs*)
A continuation of single variable calculus focusing on indefinite and definite integrals, including techniques and applications 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.

MATH 255 - Calculus III (4 cr hrs*)
The culmination of the Calculus sequence. Topics include: parametric curves in the plane and space; polar coordinates; infinite series; vector algebra in 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.

MATH 270 - Probability and Statistics (3 cr hrs)
Descriptive statistics, probability, random variables, variance and standard deviation, various probability distribution, estimation and hypothesis, hypothesis testing, chi-square, t-tests, regression and correlation, and analysis of variance. Prerequisite: MATH 110 or 115 (or equivalent) or Math ACT sub-score of 23 or higher. Fall/Spring

MATH 300--Introduction to Advanced Mathematics (3 cr hrs)
Gateway course to the 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 in matrices. Prerequisite: successful completion of MATH 250 (or equivalent) with a grade of C– or better.

MATH 310 - Mathematical Methods in Chemistry (3 cr hrs)
A course designed to give the student sufficient background in mathematical methods required for completion of the analytical, physical, and inorganic chemistry sequences. Courses 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: successful completion of MATH 250 (or equivalent) with a grade of C– or better. May not be taken to fulfill requirements for the math major or minor. Spring as needed.

MATH 320--Discrete Math (3 cr hrs)
Topics include elementary combinatorics recursion relations iterative and recursive algorithms, linear programming, Markov chains, and graph theory. Prerequisite: successful completion of MATH 255 with a grade of C– or better or permission of the instructor. Fall as needed.

MATH 350--Differential Equations (3 cr hrs)
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 MATH 250 (or equivalent) with a grade of C– or better. Fall.

MATH 360 - Linear Algebra (3 cr hrs)
An introduction to linear algebra. Systems of equations, matrices and matrix algebra, determinates, linear independents, eigen values, eigen vectors, and vector spaces. Prerequisite: successful completion of MATH 300 with a grade of C– or better. Spring.

MATH 380 - Geometry (3 cr hrs)
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. Spring.

MATH 390- History of Math (3 cr hrs)
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. Spring as needed.

MATH 440 - Construction of the Real Number System (3 cr hrs)
A construction of the real number system from axioms for the natural numbers. The concept of isomorphic mappings plays a central role. The reals are introduced through Cauchy sequences or Dedekind cuts in the rationales, as the text may require, and either approach is used to develop various wordings of the completeness property. Special topics such as finite cardinal numbers, summation notation, decimal representation, or complex numbers are treated when time allows. Prerequisite: successful completion of MATH 300 with a grade of C– or better. As needed.

MATH 450 - Introduction to Real Analysis (3 cr hrs)
Emphasis on the rigorous processes of analysis: proofs of limit theorems, properties of continuous functions, existence of integrals, and uniform convergence. Topics include point-set topology, Heine-Borel theorem, uniform continuity, and infinite series. Topics from among the theory of Riemann integration, infinite series, partial differentiation, implicit function theorem covered as time allows. Prerequisite: successful completion of MATH 300 with a grade of C– or better. Spring as needed.

MATH 460 - Modern Algebra (3 cr hrs)
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. Fall as needed.

MATH 470--Mathematics in the Secondary Classroom (3 cr hrs)
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 will be incorporated into the course. Prerequisite: 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.

MEDIA COMMUNICATIONS

MCOM 100 Introduction to Film (3 cr hrs)
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.

MCOM 110 - Introduction to Mass Media (3 cr hrs)
General Survey of the various forms of mass communication and how they are used in our society. Students will study both the theoretical and practical applications of mass communication in television, websites, radio, blogs, newspapers, and podcasts. Special emphasis will be placed on understanding how the local community is involved in mass communication. Fall.

MCOM 203 - Production Practicum (1-4 cr hrs)
Practicum experience as production staff in broadcasting in the creation of the news or as a member of the production staff of Sigmon Communications Center. Completing a minimum of 45 hours of assigned activities is required for one credit hour earned. May be repeated for a total 4 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. Fall, Spring. Prerequisite: Sophomore status or permission of instructor.

MCOM 260- Copywriting for the Digital Media (3 cr hrs)
Analysis and practice in writing content for a variety of media and genres, including and not limited to, commercials, PSA’s, blogging
and promotion.

**MCOM 261 - Newswriting for Digital Media (3 cr hrs)**
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 newswriting and writing practices will be discussed and analyzed.

**MCOM 271 - Audio Production (3 cr hrs)**
Hands-on approach to the principles of tapeless digital recording on a variety of digital platforms using audio production software. In-depth discussions of digital audio, synchronization, audio for video and film, and multichannel sound mixing techniques. Focuses on use of digital audio workstations in an audio post-production environment. Student may be introduced to the college radio station where they are required to perform various live air-shifts throughout the course. Fall.

**MCOM 281 - Single-camera Production (3 cr hrs)**
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.

**MCOM 320(X) - Media Theory (3 cr hrs)**
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

**MCOM 333 - Film Genre (3 cr hrs)**
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. Spring.

**MCOM 335 - Video Performer (3 cr hrs)**
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.

**MCOM 370 - Television News Production (3 cr hrs)**
Showing and demonstrating best practices for researching, writing, shooting, lighting and editing news packages for television and other media. Prerequisite: Single Camera Video Production MCOM 280

**MCOM 372 - Digital Editing (3 cr hrs)**
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.

**MCOM 410 - Media Law and Ethics (3 cr hrs)**
Overview of legal theory and analysis of cases that provide basis for students understanding what is permissible and what is legally proscribed in relation to libel, obscenity, indecency, copyright and issues related 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.

**MCOM 420 - Media, Sales, and Promotion (3 cr hrs)**
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.

**MCOM 470 - Advanced Video Production (3 cr hrs)**
Analyses 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 381 and MCOM 372

**MCOM 475 - Advanced Digital Editing (3 cr hrs)**
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.

**MCOM 485(Z) - Senior Seminar (3 cr hrs)**
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.

**MCOM 498 - Internship (1-6 cr hrs)**
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 Media Communications. Up to 3 additional credit hours applicable as electives to the baccalaureate degree. Lincoln Memorial University retains ultimate control and supervision of the internship. Prerequisites: At least junior status and approval of the director of the Media Communications program. Fall and Spring.

**MEDICAL LABORATORY SCIENCES**

**MEDT 301 - Introduction to Lab Methods and Techniques I (1 cr hr)**
Introduction to the basic issues and laboratory techniques in the clinical laboratory science field such as the application of safety and governmental regulations and standards as applied to clinical laboratory science, principles and practices of professional conduct, communication skills sufficient to serve the needs of patients, the public and members of the health care team, HIPPA and patient confidentiality issues in modern healthcare, basic biological hazard and laboratory safety training, ethics, and introduction to phlebotomy techniques. Corequisite: MEDT 391.

**MEDT 302 - Introduction to Lab Methods and Techniques II (1 cr hr)**
Practical introduction to medical microbiology emphasizing specimen collection, susceptibility testing, laboratory safety, microbiology media, staining techniques, and basic methods of identification of microorganisms that are commonly encountered in the clinical laboratory.

**MEDT 310 - Hemostasis (1 cr hr)**
Assessment of blood clotting mechanisms in health and disease; hemorrhagic disorders of coagulation and fibrinolysis; routine and special coagulation procedures; monitoring of anticoagulant therapy; quality assurance including pre-analytical, analytical and post-analytical causes of variation in hemostasis. Corequisite: MEDT 391.

**MEDT 320 - Hematology (4 cr hrs)**
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: MEDT 391.

MEDT 330 - Immunology and Serology (3 cr hrs)
The human immune system, including principles of humoral and cellular immunity, autoimmunity, responses, and defects in the immune system. 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 including pre-analytical, analytical and post-analytical causes of variation in immunological techniques.

MEDT 340 - Immunohematology (4 cr hrs)
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 including pre-analytical, analytical and post-analytical causes of variation in immunohematology; donation, storage, and transfusion of blood and its components; AABB guidelines for operating the Blood Bank. Corequisite: MEDT 392.

MEDT 391 - Intermediate Clinical Practice I (2 cr hrs)
Application of material studied in MEDT 301, 310, and 320. Conducted at affiliate hospitals.

MEDT 392 - Intermediate Clinical Practice II (2 cr hrs)
Application of material studied in MEDT 340. Conducted at affiliate hospitals.

MEDT 400 - Urinalysis and Body Fluids (2 cr hrs)
Biochemical and microscopic findings in urine and body fluids during health and disease states; diagnostic significance of laboratory results on urine, cerebrospinal, amniotic, pleural, synovial, seminal, and peritoneal fluids; quality assurance including pre-analytical, analytical and post-analytical causes of variation in urinalysis and body fluid analysis.

MEDT 410 - Laboratory Management and Supervision (2 cr hrs)
Principles and practices of laboratory administration and supervision, review of governmental regulations and standards applicable to clinical laboratory science, significance of continuing professional development of the medical laboratory scientist, educational methodologies and terminology sufficient to train/educate users and providers of laboratory services; principles and practices of clinical study design, implementation and dissemination of results, laboratory operations and problem solving techniques in the modern clinical laboratory.

MEDT 451 - Clinical Chemistry I (3 cr hrs)
Principles and methods of measuring proteins, enzymes, electrolytes, and other analytes of human serum including molecular diagnostics, spectra techniques, chromatography, etc.; quality assurance including pre-analytical, analytical and post-analytical causes of variation in clinical chemistry; and introduction to the physiology and pathophysiology aspects of clinical chemistry.

MEDT 452 - Clinical Chemistry II (3 cr hr)
An advanced 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; introduction to toxicology and therapeutic drug monitoring (TDM); quality assurance including pre-analytical, analytical and post-analytical causes of variation in clinical chemistry. Correlation of clinical chemistry results with healthy and pathological states is emphasized. Corequisites: MEDT 492.

MEDT 461 - Medical Microbiology I (3 cr hr)
Theory and techniques of culture, isolation, and identification of pathogenic bacteria commonly encountered in human disease. Morphology, staining, biochemical characteristics, disease correlations, uses of selective media, and quality assurance including pre-analytical, analytical and post-analytical causes of variation in the medical microbiology laboratory are emphasized. Corequisite: MEDT 302. Corequisite: MEDT 491.

MEDT 462 - Medical Microbiology II (3 cr hrs)
Continuation of the study of medical microbiology to include the theory and techniques of identification of Spirochetes, Chlamydia, Rickettsia, and Mycobacteria. Mycology, parasitology, and virology are also included. Prerequisite: MEDT 461.

MEDT 491 - Advanced Clinical Practice I (2 cr hrs)
Application of materials studied in MEDT 302 and MEDT 461. Conducted at affiliate hospitals and/or reference laboratories.

MEDT 492 - Advanced Clinical Practice II (3 cr hrs)
Application of material studied in MEDT 330, 400, 451, 452. Conducted at affiliate hospitals and/or reference laboratories.

MEDT 497 - Senior Review (3 cr hrs)
Structured review of selected Medical Laboratory Science courses: immunohematology, hematology, hemostasis, immunology and serology, urinalysis and body fluid analysis, and microbiology. Preparation for certification examination and professional practice. Prerequisite: Successful completion with a final grade of B- or above in MEDT 400, MEDT 451, and MEDT 461.

MILITARY SCIENCE

MILS 100 - Military History of the US (3 cr hrs)
History of the US military from 1776 to the present. Freshmen and sophomores only. Junior status with permission of instructor. Spring.

MILS 101 - Introduction to ROTC and Leadership I (1 cr hr)
Introduces you to the personal challenges and competencies that are critical for effective leadership and the structure of the ROTC Basic Courses. You will learn how the personal development of life skills such as cultural understanding, goal setting, time management, mental/physical resiliency, and stress management relate to leadership, officership, and the Army profession. The focus is on developing basic knowledge and comprehension of Army leadership dimensions, attributes and core leader competencies while gaining an understanding of the ROTC program, its purpose in the Army, and its advantages for the student. Fall.

MILS 102 - Introduction to Military Leadership II (1 cr hr)
Students explore the dimensions of leadership values, attributes, skills, and actions in the context of practical, hands-on, and interactive exercises. Overview the fundamentals of the military such as setting direction, problem solving, presenting briefings, providing feedback and using effective writing skills. Spring.

MILS 103 - Physical Conditioning I (1 cr hr)
Introduction to physical fitness. Set and meet a physical fitness goal. Learn the principles of fitness and apply these principles to pass the Army Physical Fitness Test. Fall.

MILS 104 - Physical Conditioning II (1 cr hr)
Progressive conditioning program. Army Physical Fitness Test is given as midterm and final. Spring.

MILS 201 - Military Leadership and Management I (2 cr hrs)
Introduces the dimensions of creative and innovative tactical leadership strategies and styles by examining team dynamics and two historical leadership theories that form the basis of the Army leadership framework. Develop military leadership competencies through the understanding of the military rank structure, Army values and basic military skills like land navigation. Fall.

MILS 202 - Military Leadership and Management II (2 cr hrs)
Continues to develop knowledge of leadership attributes and core leader competencies, focusing on small unit tactic. Aspects of personal motivation and team building are practiced by planning, executing, and assessing team exercises like squad tactics and land navigation. Spring.
MILS 203 - Airborne Operations (2 cr hrs)
Students who successfully complete the three week course at Fort Benning, Georgia are awarded the coveted Army Parachutist Badge. The course has three phases: Ground Week, Tower Week, and Jump Week. Students make five static line qualification parachute jumps. During the third week from military cargo aircraft. The course is very physically demanding. To qualify, students must pass and Airborne Physical Readiness Test. Prerequisites: U.S. Army ROTC Cadet status and permission of the Professor of Military Science. Summer.

MILS 204 - Airmobile Operations (2 cr hrs)
Students who successfully complete this two week course at an Army post are awarded the prestigious Air Assault Badge. The course includes active participation in aircraft safety and familiarization in pathfinder techniques, airmobile insertions, basic rappelling and knots, advanced rappelling, helicopter rappelling, medical evacuation procedures and rigging/sling loading of rotary wing aircraft. Offered annually during the summer. Prerequisite: U.S. Army ROTC Cadet status or permission of the Professor of Military Science. Summer.

MILS 300 - Leader's Training Course (6 cr hrs)
Four weeks military training at Fort Knox, KY, or 9 weeks of basic training will qualify you for the ROTC Advanced course. Equal to first two years of the on campus program. The Army pays housing, meals, travel expenses and a stipend (approximately $700) for the period. ROTC scholarships available. Summer.

MILS 301 - Advanced Leadership and Management I (3 cr hrs)
In-depth study of the management of personnel and programs, emphasizing military operations, terrain analysis, intelligence and security. Survey of contemporary leadership issues, great leaders of history, and combat leadership. Weekly laboratory for practical application of leadership techniques. Two lectures and one two-hour lab per week. Prerequisite: MILS 202 or 300. Fall.

MILS 302 - Advanced Leadership and Management II (3 cr hrs)
Advanced principles of influencing human behavior applying the principles of planning, organizing, staffing, directing and controlling in organizations. Includes detail knowledge of small unit tactics, land navigation and communications. Two lectures and one two-hour lab per week. Prerequisite: MILS 202 or 300. Spring.

MILS 303 - Leader Development and Assessment Course (4 cr hrs)
Five weeks of practical leadership application training, performed primarily in a field environment, at an Army installation between the junior and senior years. Nurses may attend a three-week clinical phase in an Army hospital. The Army pays housing, meals, travel expenses and a stipend (approx. $700) for the period. Prerequisites: MILS 302 and consent of Professor of Military Science. Summer.

MILS 304 - Cadet Troop Leader Training (3 cr hrs)
Assignment off-campus in an officer role with an active Army unit for three to five weeks in the summer after completion of Advanced Camp. Prerequisites: MILS 302, MILS 303 and consent of Professor of Military Science. Summer.

MILS 305 - Nurse Summer Training Program (NSTP) (2 cr hrs)
A three-week clinical experience for selected nurse cadets which provides opportunities to develop and practice leadership skills in a clinical environment. Incorporates use of military, leadership, clinical nursing, administrative, and interpersonal skills. Summer.

MILS 306 - Military Science Practicum I (1 cr hr)
Participation on the intercollegiate Ranger competition Team, Carson-Newman Color Guard, Marksmanship Competition team or other selected official Military Science regular, on-going, supervised activity. Prerequisite: Enrollment in the ROTC Program and permission of the Professor of Military Science. Fall.

MILS 307 - Military Science Practicum II (1 cr hr)
Additional hands-on experience in military enrichment activities which contribute to the development of leadership and management such as the intercollegiate Ranger Competition Team, Color Guard, Marksmanship Competition Team, Eagle Battalion Drill team, and other selected official Military Science regular, on-going, supervised developmental activities. Prerequisite: Enrollment in the ROTC Program and permission of the Professor of Military Science. Spring.

MILS 401 - Seminar in Leadership and Management I (3 cr hrs)
Case study/discussion of topics in individual leadership and organizational management. Emphasis on functions and role of an officer in charge of a military unit. Operations, training, administration and logistical support of organizations are covered in-depth, with the student practicing leadership and management skills in a designated cadet battalion leadership position. Two lectures and one two-hour lab a week. Prerequisite: MILS 302.

MUSIC

MUSC 100 - Music Appreciation (3 cr hrs)
Study of the elements and styles of music through listening, Reading, and lecture. Reading knowledge of music is not required. Fall/Spring.

MUSC 101 - Class Piano I (1 cr hr)
First level of group instruction in piano techniques and basic keyboard skills. Minimum grade of C or better to pass. May be repeated once. Fall.

MUSC 102 - Class Piano II (1 cr hr)
Second sequence course of group instruction in piano technique and basic keyboard skills. Minimum grade of C or better to pass. May be repeated once. Spring.

MUSC 104 - Fundamentals of Music Lab (1 cr hr)
For students needing remedial work before enrolling in MUSC 111. Topics covered include: music reading in G and F clefs; intervals; major and minor scales; rhythm. Fall/Spring as needed.

MUSC 111 - Music Theory I (3 cr hrs)
Fundamentals of musicianship: aural and writing skills, harmony, and analysis. Harmonic vocabulary includes functional use of diatonic triads in major and minor keys. Prerequisite: MUSC 104 or placement exam. Minimum grade of C or better to pass. May be repeated once. Fall.

MUSC 112 - Music Theory II (3 cr hrs)
Continuing aural and writing skills, harmony, and analysis. Prerequisite: MUSC 111 minimum grade of “C”. May be repeated once. Spring.

MUSC 121 - Ear Training I (2 cr hrs)
The first course in a two semester sequence beginning with scales, keys signatures, intervals, chords, and rhythmic concepts. Topics covered next are voice leading, harmony, and an introduction to sight-singing and ear-training all within the context of traditional Western tonal music of the “Common-Practice Period” (ca. 1680-1900). Minimum grade of C or better to pass. May be repeated once. Fall.

MUSC 122 - Ear Training II (2 cr hrs)
The second course in a two semester sequence, beginning with a review of the materials covered in MUSC 121 and moving next to basic four-part writing. Other topics include cadences and non-chord tones, specific uses of 7th chords and their inversions within four part writing, and an introduction to secondary functions within the context of traditional Western tonal art music of the “Common-Practice Period” (ca. 1680-1900). Prerequisite: MUSC 121. Minimum grade of C or better to pass. May be repeated once. Spring.

MUSC 130 - Voice Class (1 cr hr)
Group instruction in vocal techniques, pedagogy, style, repertoire, Interpretation, and presentation. Alternate years.

MUSC 131-132, 231-232, 331-332, 431-432 - Applied Voice (1 cr hr)
Private instruction; material and performance reflecting standards of increasing difficulty with each successive term. One half-hour lesson per week. Prerequisite: Admission to the BA in Music program and/or consent of instructor. Corequisite: MUSC 495. Minimum grade of C or better to pass. May be repeated once. Fall/Spring.
MUSC 141-142, 241-242, 341-342, 441-442 - Applied Piano (1 cr hr)
Private instruction; material and performance reflecting standards of increasing difficulty with each successive term. One half-hour lesson per week. Prerequisite: Admission to the BA in Music program and/or consent of instructor. Corequisite: MUSC 495. Minimum grade of C or better to pass. May be repeated once. Fall/Spring.

MUSC 151B-152B, 251B-252B, 351B-352B, 451B-452B - Applied Brass (1 cr hr)
Private instruction; material and performance reflecting standards of increasing difficulty with each successive term. One half-hour lesson per week. Prerequisite: Admission into the BA in Music program and/or consent of instructor. Corequisite: MUSC 495. Minimum grade of C or better to pass. May be repeated once. Fall/Spring.

MUSC 151C-152C, 251C-252C, 351C-352C, 451C-452C - Applied Percussion (1 cr hr)
Private instruction; material and performance reflecting standards of increasing difficulty with each successive term. One half-hour lesson per week. Prerequisite: Admission into the BA in Music program and/or consent of instructor. Corequisite: MUSC 495. Minimum grade of C or better to pass. May be repeated once. Fall/Spring.

MUSC 151D-152D, 251D-252D, 351D-352D, 451D-452D - Applied Woodwind (1 cr hr)
Private instruction; material and performance reflecting standards of increasing difficulty with each successive term. One half-hour lesson per week. Prerequisite: Admission into the BA in Music program and/or consent of instructor. Corequisite: MUSC 495. Minimum grade of C or better to pass. May be repeated once. Fall/Spring.

MUSC 151E-152E, 251E-252E, 351E-352E, 451E-452E - Applied Guitar (1 cr hr)
Private instruction; material and performance reflecting standards of increasing difficulty with each successive term. One half-hour lesson per week. Prerequisite: Admission into the BA in Music program and/or consent of instructor. Corequisite: MUSC 495. Minimum grade of C or better to pass. May be repeated once. Fall/Spring.

MUSIC ENSEMBLE*
MUSC 103 - Tri-State Community Chorus (1 cr hr)
MUSC 113 - University Concert Choir (1 cr hr)
MUSC 123 - Chamber Singers (1 cr hr)
MUSC 133 - Opera/Musical Theatre Workshop (1 cr hr)
MUSC 143A - Pep Band (1 cr hr)
MUSC 143B - Brass Ensemble (1 cr hr)
MUSC 143C - Percussion Ensemble (1 cr hr)
MUSC 143D - Woodwind Ensemble (1 cr hr)
MUSC 143E - Guitar Ensemble (1 cr hr)
MUSC 143F - Rock Ensemble (1 cr hr)
MUSC 143G - Jazz Ensemble (1 cr hr)
MUSC 153 - Concert Band (1 cr hr)

*Each music ensemble course may be repeated for additional credit; however, a maximum of 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.

MUSC 211 - Music Theory III (3 cr hrs)
This course is the third in a four semester sequence. Topics include the fundamentals of musicianship, aural and writing skills, keyboard harmony, and analysis. The primary focus is form and analysis with more advanced concepts used to construct different genres of music. Prerequisite: MUSC 111, 112. Minimum grade of C or better to pass. May be repeated once. Fall.

MUSC 212 - Music Theory IV (3 cr hrs)
This is the final course in the four semester music theory sequence. It will begin to explore more advanced forms of analysis as well as the changing harmonic vocabulary of the 20th and 21st centuries. Prerequisite: 111,112, 211. Minimum grade of C or better to pass. May be repeated once. Spring.

MUSC 230 - Vocal Pedagogy (1 cr hr)
Explores the physical musculature and mechanics of singing, the use of technical exercises, and the psychology of voice teaching. Investigation of basic repertoire for the beginning teacher forms and integral part of the course. Prerequisite: admission into the BA in Music program. Minimum grade of C or better to pass. May be repeated once. Fall alternate years.

MUSC 234 - Diction for Singers (2 cr hrs)
Lecture/demonstration for familiarization of the International Phonetic Alphabet (IPA) and standard pronunciation of a variety of texts in English, Italian, German, and French. Prerequisite: Admission into the BA in Music program. Spring alternate years.

MUSC 254 - Brass Techniques (1 cr hr)
This course is designed as an introduction to the brass instrument family. Beginning with an overview of each instrument, the course continues with a more detailed analysis of both performance aspects and pedagogical theories. Course objectives include: Attaining a basic level of performance on trumpet, French horn, trombone, euphonium, and tuba with an emphasis on characteristic tone and techniques development, and achieving a basic understanding of the history, repertoire and performance demands of each of these major brass instruments. Prerequisite: admission into the BA in Music program. Fall alternate years.

MUSC 255 - Woodwind Techniques (1 cr hr)
This course is designed as an introduction to the woodwind instrument family. Beginning with an overview of each instrument, the course continues with a more detailed analysis of both performance aspects and pedagogical theories. Prerequisite: admission in the BA in Music program. Fall alternate years.

MUSC 256 - Percussion Techniques (1 cr hr)
This course will explore the fundamentals of percussion performance. Exploration of performance techniques and literature for selected instruments of the percussion family will be the focus of the course, including snare drum, timpani, the mallet keyboards (marimba, vibraphone, xylophone), and various percussion “accessory” instruments. A variety of techniques for each instrument will be discussed, and the musical interpretation of excerpts, etudes, solo, and ensemble literature will be explored. Prerequisite: admission to the BA in Music program. Fall alternate years.

MUSC 257 - String Techniques (1 cr hr)
This course is designed as an introduction to the string instrument family. Beginning with an overview of each instrument, the course continues with a more detailed analysis of both performance aspects and pedagogical theories. Course objectives include: Attaining a basic level of performance on violin, viola, cello, and bass with an emphasis on characteristic tone and techniques development, and achieving a basic understanding of the history, repertoire and performance demands of each of the four major string instruments. Prerequisite: admission into the BA in Music major. Fall alternate years.

MUSC 300 - Fundamentals of Arranging (2 cr hrs)
This course will provide an introduction to the principal instruments of the modern orchestra and concert band including the fundamental performance techniques of these instruments such as range, limitations, special effects, and coloration with particular combinations of instruments. An introduction to choral arranging will also be covered. Prerequisites: admission to the BA in Music major, MUSC 111, MUSC 112. Minimum grade of C or better to pass. May be repeated once. Fall.

MUSC 314 - Computer Music and Media (1 cr hr)
Fundamental components of MIDI computer music technology for classroom application via sequencing published or original music. Includes audio-visual techniques. Prerequisites: MUSC 111, MUSC 112 and piano proficiency. Fall/Spring as needed.
MUSC 321 - Music History to 1750 (3 cr hrs)
This course covers the history of music from antiquity through 1750, relating specifically to the history of Western Civilization. It incorporates music skills with emphasis on musical styles by reading about and listening to representative works of the master composers from Medieval, Renaissance, and Baroque eras. Required for music majors, the class will familiarize students with basic repertoire of Western music literature up to 1750; and will teach students suitable analytical techniques for score study and the vocabulary necessary for discussion of musical styles. Prerequisites: MUSC 111, MUSC 112. Minimum grade of C or better to pass. May be repeated once. Fall.

MUSC 322(X)-Music History since 1750 (3 cr hrs)
This course covers history of music from 1750 to the present, relating specifically to the history of Western Civilization. It incorporates music skills with emphasis on musical styles by reading about and listening to representative works of the master composers from Classic, Romantic, and Modern eras of music history. Required for music majors, the class will familiarize students with basic repertoire of Western music literature from 1750 to the present, and will teach students suitable analytical techniques for score study and the vocabulary necessary for discussion of musical styles. Prerequisites: MUSC 111, MUSC 112 and MUSC 321. Minimum grade of C or better to pass. May be repeated once. Fall/Spring as needed.

MUSC 335-Choral Conducting (2 cr hrs)
The course is designed to develop skills necessary for reading and interpreting choir scores and vocal ensemble conducting techniques. Activities will include a study of repertoire, selection of literature for programming formal concerts, and live ensemble conducting experience. Prerequisite: admission to the BA in Music major. Minimum grade of a C or better to pass. May be repeated once. Spring.

MUSC 355 - Instrumental Conducting (2 cr hrs)
The course is designed to develop skills necessary for reading instrumental scores, baton technique, use of the left hand in conducting, basic understanding of instruments, and rehearsal techniques. Attention is given to score interpretation and preparation, the understanding of transposition, and the process of non-verbal communication that is necessary for a successful conductor. Activities will include a study of repertoire, selection of literature for programming formal concerts, and live ensemble conducting experience. Prerequisite: admission to the BA in Music major. Minimum grade of a C or better to pass. May be repeated once. Fall/Spring as needed.

MUSC 358A - Fundamentals of Marching Band (1 cr hr)
This course introduces the fundamental principles of effective instruction with respect to the contemporary marching band through practical assignments utilizing terminology, pedagogy, and structure of the marching band activity. Prerequisite: Admission into the BA in Music program. Minimum grade of C or better to pass. May be repeated once. Spring alternate years.

MUSC 358B-Fundamentals of Choral Ensemble (1 cr hr)
Explores choral literature and choral programming, primarily focusing on music for secondary schools choirs. Prerequisite: Admission into the BA in Music program. Minimum grade of C or better to pass. May be repeated once. Spring alternate years.

MUSC 397 - Junior Recital (1 cr hr)
Students will present a recital (minimum of 20-25 minutes of actual music). Repertoire will be chosen in consultation with the consent of the applied instructor. Preparation for the performance will take place in the applied lessons and in individual practice. Minimum grade of C or better to pass. May be repeated once. Fall/Spring.

MUSC 430 - Choral Arranging (3 cr hrs)
Class includes vocal ranges and limitations; the differences among common vocal styles; voicing and how they contribute to specific styles, as well as the specific terminology associated with arranging for voices. Prerequisites: Admission into the BA in Music program and successful completion of MUSC 300 Fundamentals of Arranging. Minimum grade of C or better to pass. May be repeated once. Spring alternate years.

MUSC 450 - Instrumental Arranging (3 cr hrs)
Students in this course will study intermediate instrumental orchestration and arranging techniques. Original compositional techniques will not be discussed. Supplemental compositions and the study of jazz elements may be included to those individuals interested. Prerequisite: admission into the BA Music program and successful completion of MUSC 300 Fundamentals of Arranging. Minimum grade of C or better to pass. May be repeated once. Spring alternate years.

MUSC 460: Music Teaching Methods (3 cr hrs)
This course is designed to familiarize students with the requirements and responsibilities of teaching pre-K-12 classroom and ensemble music. Instruction will focus on the policies, procedures, and challenges facing music educators. This includes areas of program administration, program development, musical literature, personal and professional preparation, ensemble directing, and teaching methods and strategies. Prerequisite: admission to the BA in Music - Professional Education Track program. Minimum grade of a C or better to pass. May be repeated once. Fall/Spring as needed.

MUSC 465 - Survey of Choral Literature (3 cr hrs)
Students successfully completing MUSC 465 will understand the historical and formal perspectives of choral literature. Knowledge gained will aloe for informed choices in selecting literature for various choral ensembles, as well as providing information on the acquisition of quality choral literature. Prerequisite: admission into the BA in Music program, and successful completion of MUSC 111, MUSC 112. Minimum grade of C or better to pass. May be repeated once. As needed.

MUSC 467 - Appalachian Music (3 cr hrs)
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. Alternate years.

MUSC 468 - Survey of World Music (3 cr hrs)
This course is designed to familiarize students with selected music cultures from around the world and at home. Alternate years.

MUSC 495 - Student Recital (0 cr hrs)
Required for all students enrolled in the BA in Music program, in addition to regular attendance, students will perform two selections each semester based on repertoire from their private applied lessons in consultation with the applied instructor. Students will gain experience in evaluating music and music performance by observing their peers. By preparing and presenting music for solo public performance, they will demonstrate proficiency in technical mastery, artistic interpretation, stage etiquette and presence, and confidence in their personal artistry. Graded Pass/Fail. Fall/Spring.

MUSC 497(Z) - Senior Recital (1 cr hr)
Students will perform a public recital on their primary instrument or voice to consist of 45-50 minutes of actual music. Repertoire will be chosen with the consent of and in consultation with the applied instructor. Preparation and presentation of the performance will be the culmination of private applied lessons. This capstone class will embody the senior writing requirement. A faculty jury is required no less than one month before the scheduled recital date. Students will demonstrate an advanced level of proficiency that includes technical mastery and artistic interpretation in the public presentation of repertoire reflective of their semesters of private study. The recital should present a variety of styles and genres. Vocal and piano students will present memorized literature. Instrumental and vocal students will
secure the services of an accompanist. Fall/Spring.

**NURSING**

**NURS 115 - Foundations of Nursing** (6 cr hrs)
(4 hr lecture, 2 hr laboratory/clinical) 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 Corequisite: BIOL 261, MATH 101 or higher.

**NURS 124 - Humans as Adaptive Systems: Promotion of Adaptation in the Physiologic Mode** (for LPN-RN students only)
(5 cr hrs) (3 hr lecture, 2 hr clinical) 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-RN program. Pre- or Corequisite: BIOL 261 and BIOL 262, PSYC 221.

**NURS 125 - Humans as Adaptive Systems: Promotion of Adaptation in the Physiologic Mode** (6 cr hrs)
(3 hr lecture, 3 hr clinical) 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. Prerequisite: NURS 115 or its equivalent. Pre- or Corequisite: BIOL 261 and BIOL 262, PSYC 221.

**NURS 126 - Humans as Adaptive Systems: Promotion of Adaptation in the Psychosocial Modes** (3 cr hrs)
(2 hr lecture, 1 hr clinical) 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, BIOL 261. Pre- or Corequisite: NURS 125, BIOL 262, PSYC 221.

**NURS 241 - Promotion of Adaptation in Adults (I)** (7 cr hrs)
(4 hr lecture, 3 hr clinical) 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 125, NURS 126 Pre- or Corequisite: NURS 245 or NURS 246. Prerequisite for LPN-RN students: NURS 124, NURS 126. Pre- or Corequisites: NURS 245 or NURS 246.

**NURS 242 - Promotion of Adaptation in Adults (II)** (6 cr hrs)
(3 hr lecture, 3 hr clinical course) 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 Corequisite: NURS 245 or NURS 246.

**NURS 244 - Promotion of Adaptation in Adults (II)** (For LPN-RN students only) (5 cr hrs) (3 hr lecture, 2 hr clinical) For LPN-RN 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: For LPN-RN students only; NURS 241. Pre- or Corequisites: NURS 245 or NURS 246.

**NURS 245 - Promotion of Adaptation in Children** (3 cr hrs)
(2 hr lecture, 1 hr clinical) 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 human 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 125. Pre- or Corequisite: NURS 241 or NURS 242 or permission of ASN Program Chair. Pre- or Corequisite for LPN-RN students: NURS 241 or NURS 244 or permission of ASN Program Chair.

**NURS 246 - Promotion of Adaptation in Childbearing Families** (3 cr hrs) (2 hr lecture, 1 hr clinical) 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: for LPN-RN students: NURS 241 or NURS 244 or permission of ASN Program Chair.

**NURS 290 - Nursing Seminar** (2 cr hr)
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 Corequisite: NURS 242. Prerequisite for LPN-RN students: NURS 241. Pre- or Corequisite for LPN-RN students: NURS 244. Prerequisite Course taken in last semester of ASN program.

**NURS 300 - Transitions to Professional Nursing** (2 cr hrs)
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 environment. Prerequisite: admission to the RN-BSN Option; must be taken in first semester of RN-BSN program.

**NURS 310 - Pharmacology to Promote Adaptation** (3 cr hrs)
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 330, 340, 350. Corequisites: NURS 360, 375. RN-BSN Option: Pre – or Corequisite: NURS 300.

**NURS 320 - Concepts and Fundamentals of Professional Nursing** (7 cr hrs) (5 hr lecture, 2 hr clinical)
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.

**NURS 330 - Health Assessment of Humans as Adaptive Systems** (3 cr hrs) (2 hr lecture, 1 hr clinical)
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; Corequisites: NURS 320, 340, 350. RN-BSN Option: Pre – or Corequisite: NURS 300.

**NURS 340 - Foundations of Nursing Informatics** (3 cr hrs)
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, 350. RN-BSN Option: Pre – or Corequisite: NURS 300.

**NURS 350 - Pathophysiology of Ineffective Human Responses** (3 cr hrs)

**NURS 360 - Promotion of Adaptation: Young, Middle and Elderly Adults I** (8 cr hrs) (4 hr lecture, 4 hr clinical)
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. Prerequisites: NURS 320, 330, 340, 350. Corequisites: NURS 310, 375.

**NURS 375 - Promotion of Adaptation in Groups, Communities, and Transcultural Societies** (5 cr hrs) (3 hr lecture, 2 hr clinical)
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. Prerequisites: NURS 320, 330, 340, 350. Corequisites: NURS 310, 360. RN-BSN Option: Pre – or Corequisite: NURS 300.

**NURS 380 - Substance Abuse in Society** (2 cr hrs)
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 Corequisites: NURS 115 or equivalent.

**NURS 390 - Promotion of Adaptation in the Elderly** (2 cr hrs)
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; RN-BSN Option: Consent of the student’s academic advisor if current ASN student. Pre – or Corequisite: NURS 300.

**NURS 415 - Promotion of Adaptation in Newborns, Women and Childbearing Families** (5 cr hrs) (3 hr lecture, 2 hr clinical)
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 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 and NURS 425, 430, 435 (Harrogate site). Corequisites: NURS 425, 430 or NURS 460, 470, 480.

**NURS 425 - Promotion of Adaptation in Infants, Children and Adolescents** (5 cr hrs) (3 hr lecture, 2 hr clinical)
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 435, 430.
NURS 430 - Nursing Research (3 cr hrs) Senior Writing Requirement
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. Prerequisites: completion of 300-level Nursing courses. Corequisites: NURS 415, 425 or NURS 425, 435. RN-BSN Option: Pre – or Corequisite: NURS 300.

NURS 435 - Promotion of Psychosocial Adaptation (5 cr hrs) (3 hr lecture, 2 hr clinical) 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 clients and families are examined. Clinical experiences occur in a variety of health care settings. Prerequisites: completion of 300-level Nursing courses and NURS 415, 425, 430 (Cedar Bluff site). Corequisites: NURS 460, 470, 480 or NURS 425, 430.

NURS 460 - Promotion of Adaptation: Young, Middle and Elderly Adults II (5 cr hrs) (3 hr lecture, 2 hr clinical) 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 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. Prerequisites: completion of 300-level Nursing courses and NURS 425, 430 and NURS 415 or 425. Corequisites: NURS 415 or 435 and 470, 480.

NURS 470 - Professional Nursing Role Development/ Preceptortship (4 cr hrs) (2 hr lecture, 2 hr clinical) 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 inter-professional 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. RN-BSN Option: Pre – or Corequisite: NURS 300.

NURS 480 - Senior Nursing Seminar (1 cr hr) 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 and NURS 425, 430 and NURS 415 or 425. Corequisites: NURS 415 or 435 and 460, 470.

NURS 490- Senior Nursing Seminar for Registered Nurses (1 cr hr) 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. Course must be taken in last semester of RN-BSN program.

* Please check the nursing site to which you were accepted for information regarding which semester NURS courses are offered.

EXERCISE SCIENCE

PEXS 200 - Foundations of Physical Education and Kinesiology (2 cr hrs) Principles underlying the normative, sociological, biological, philosophical, and historical foundations of physical education and kinesiology. Fall.

PEXS 251 - Individual and Dual Sports (2 cr hrs) Rules, strategy, teaching and coaching methods and skill development in individual and dual activities. The following activities will be included: Tennis, Golf, Badminton, and Racquetball. Fall.

PEXS 252 - Team Sports (2 cr hrs) Rules, strategy, teaching and coaching methods and skill development in team activities. The following activities will be included: Soccer, Volleyball, Basketball, and Softball/Baseball. Spring.

PEXS 265 Injury Prevention and Emergency (3 cr hrs) 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.

PEXS 271 - Anatomy and Physiology for Health, Physical Education and Exercise Science (3 cr hrs) The human body, organs and organ systems, and functions related to physical activity and sports. Fall.

PEXS 275 Technology for Health, Physical Education and Exercise Science (2 cr hrs) 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 impedance, dartfish, and various field related software and internet tools.

PEXS 300 - Physiology of Exercise (3 cr hrs) 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.

PEXS 310 - Measurement and Evaluation for Health, Physical Education and Exercise Science (3 cr hrs) Techniques to effectively evaluate skill achievement, deficiencies, and level of fitness and to cognitive abilities. Written test construction and fitness evaluation. Prerequisites: MATH, PEXS 300. Fall.

PEXS 340 - Psychomotor Development of Young Children (3 cr hrs) Emphasis on individual abilities, diagnostic assessment, and improvement programs. Developmentally appropriate movement experiences of the young child. Elementary physical education program development, instructional strategies, individual assessment and program evaluation. Spring.

PEXS 344 - Human Learning and Psychomotor Development (3 cr hrs) Developmental stages of the young child; curriculum, methodology, resources, assessment, game and rhythmic activities, and safety of learning environment. Clinical and field-based experiences included. Spring, Fall.

PEXS 350 Sport and Exercise Psychology (3 cr hrs) 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.

PEXS 351 - Coaching (3 cr hrs) Principles of coaching football and basketball; coaching strategies for grades 7-12. Practice plans and game plans. As needed.

PEXS 352 - Sports Officiating (3 cr hrs) Fundamentals and rules of sports officiating. Field experiences
included. As needed.

PEXS 360 - Game s and Dance (3 cr hrs)
Teaching basic games, gymnastics, dance, and rhythm activities for the skilled, unskilled, and special needs learner. As needed.

PEXS 372 - Kinesiology and Biomechanics (3 cr hrs)
Basic movement and function of the muscular and skeletal systems; application of basic physics and biomechanical principles to improve sport performance. Prerequisites: MATH. Spring.

PEXS 385 - Scientific Foundations of Strength and Conditioning (2 cr hrs)
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. Prerequisite: PEXS 271.

PEXS 386 - Practice and Application of Strength and Conditioning (2 cr hrs)
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. Prerequisite: PEXS 385.

PEXS 400 Exercise Physiology II (3 cr hrs)
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.

PEXS 410 - School, Community, and Outdoor Recreation (3 cr hrs)
Principles and procedures for developing a comprehensive school, community, or outdoor recreation curriculum for adolescents, adults, senior citizens, and physically challenged. As needed.

PEXS 430 - Organization and Administration (3 cr hrs)
Principles and procedures of organization, supervision, planning, budgeting, evaluation, and legal responsibilities in physical education, sport, and athletic training programs. Prerequisite: PEXS 310. Spring.

PEXS 435 – Exercise Prescription (3 cr hrs)
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.

PEXS 440 - K-12 Curriculum and Methods in Physical Education (3 cr hrs)
Principles and procedures for developing a comprehensive physical education curriculum for the K-12 grades. Prerequisites: PEXS 372, 310, and 340 or 344. As needed.

PEXS 450 - Leadership in Sports and Coaching (3 cr hrs)
Motivation, conditioning practice and game preparation, budget, strategies, public relations, and coaching ethics. Fall alternate years.

PEXS 480 - Physical Education for Special Populations (3 cr hrs)
Identification of abnormalities and classification of special cases requiring modified physical education; methods of assisting special needs individuals to adapt. Prerequisite: Junior/Senior classification. Fall alternate years.

PEXS 485 Research Methods (3 cr hrs)
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.

PEXS 493A - Practicum in Exercise Science (1-3 cr hrs)
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.

PEXS 493B - Practicum in Coaching (1-3 cr hrs)
Supervised experience in a coaching environment, assisting in design of practice and game plans, workouts, and learning experiences. Prerequisites: PEXS 351, 450. As Needed.

PEXS 493C - Practicum in Strength and Conditioning (1-3 cr hrs)
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. Prerequisites: PEXS 385, PEXS 386.

PHILOLOGY

PHIL 100 - The Meaning of Life (3 cr hrs)
Readings in documents that have attempted to answer the question: What is the meaning of life? Texts include: those of Plato, Confucius, Epicurus, Marcus Aurelius, Martin Buber, C.S. Lewis, Camus, Sartre, the Book of Ecclesiastes, the Book of Job. Spring.

PHIL 200 - Introduction to Philosophy (3 cr hrs)
A survey of the major figures of Western philosophy as well as key issues of philosophical thinking: the mind and thinking, the nature of education, the nature of good and evil, fate versus free will, the nature and existence of God, the place of human beings in the universe, forms of governance, the nature of justice. Fall.

PHIL 210 – Logic and Critical Thinking (3 cr hrs)
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. Fall alternate years.

PHIL 340 – Philosophy of Religion (3 cr hrs)
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.

PHIL 420 - Ethics (3 cr hrs)
Explores fundamental ethical theories including cultural relativism, moral objectivism, virtue theory, natural law theory, social contract theory, and utilitarianism. Students develop and reflect on their own ethical perspectives. Prerequisite: ENGL 240, or 250, or 260. Fall.

PHIL 430 - Medical Ethics (3 cr hrs)
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, or 260. Fall, alternate years.

PHIL 450 - Seminar in Philosophy and Religion (3 cr hrs)
A capstone seminar dealing with issues in philosophy and religion. Students will prepare a major paper dealing with an issue of their choosing and will present their paper at a symposium open to the campus. Spring alternate years.

PHYSICS

PHYS 100 - Introduction to Physics (3 cr hrs)
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. Fall/Spring.

PHYS 211-212 - General Physics I, II (3, 3 cr hrs)
Mechanics, sound, heat, optics, electricity, and magnetism. Prerequisite: MATH 120. Corequisite: PHYS 211-212 labs, 1 credit hour each. PHYS 211, Fall; PHYS 212, Spring.

PHYS 215 - Applications of Calculus to General Physics I (1 cr hr)
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.

PHYS 216 - Applications of Calculus to General Physics II (1 cr hr)
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.

PHYS 320 - Modern Physics (3 cr hrs)
An introduction to the concepts of modern physics. Topics include relativistic dynamics, quantum mechanics, statistical physics, particle physics, and solid state physics. Prerequisites: PHYS 212, PHYS 216. Fall.

PHYS 350 - Introduction to Electronics (3 cr hrs)
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: PHYS 212. Fall.

POLITICAL SCIENCES

POLS 211 - American Government: National (3 cr hrs)
Basic principles of American government: focus on the Presidency, Congress, and the Supreme Court. Fall.

POLS 212 - American Government: State and Local (3 cr hrs)
Basic principles of American government: focus on state and local governments. Spring, Fall or summer.

POLS 240 - Introduction to Political Ideas (3 cr hrs)
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.

POLS 250 - Introduction to International Relations (3 cr hrs)
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.

POLS 320 - Comparative Politics (3 cr hrs)
Comparative study of political systems of industrialized and developing countries. Fall.

POLS 321 - Introduction to Public Administration (3 cr hrs)
Introduction to the theory and practice of public administration. Emphasis on the relationship between politics and public management, political accountability of public agencies, organization theory and administrative policymaking. Prerequisite: ENGL 102, POLS 211 or POLS 212.

POLS 322 - Introduction to Public Policy (3 cr hrs)
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.

POLS 324 - Law and the Judicial System (3 cr hrs)
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, POLS 211 or POLS 212. Spring.

POLS 331 - Introduction to Constitutional Law (3 cr hrs)
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, POLS 211 or POLS 212. Fall.

POLS 332 - Politics and the Legislative Process (3 cr hrs)
Understanding the legislative process with special attention given to the role of interest groups, constituency, and political parties. Prerequisite: ENGL 102. Spring.

POLS 335 - The Presidency (3 cr hrs)
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 211.

POLS 350 - American Foreign and Security Policy (3 cr hrs)
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.

POLS 441 - Liberal Democracy and its Critics (3 cr hrs)
An in-depth study of the origins and evolution 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.

POLS 497 - Political Science Seminar (3 cr hrs)
Seminar on selected problems in political science. Fall/Spring as needed. Prerequisites: POLS 211, and Senior status. Spring.

POLS 498 - Internship (3 cr hrs)
Staff/apprentice work at a law firm, government or other political or large organizational 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 law firm. Prerequisites: POLS 211, POLS 212. Fall/Spring/summer as needed.

PROFESSIONAL GOLF MANAGEMENT

PGM 210 - Introduction to Professional Golf Management (3 cr hrs)
This course is designed to provide an overview of the professional golf management program and the PGA of America. Topics include introduction to basic golf course management and daily operations of a golf facility. Fall.

PGM 300 - Principles of Professional Golf Instruction (3 cr hrs)
This course is designed to provide basic golf instruction methodology. Topics include ball flight laws, swing plane, and basic fundamentals of the golf swing. Spring.

PGM 310 - Golf Operations Management (3 cr hrs)
This course covers development of business plans for a golf facility, addressing financial issues, developing a budget, and golf shop management. Topics include budget analysis, inventory, electronic T-Sheets, point of sale software, shop organization, shop forms, and player management. Fall.

PGM 320 - Golf Facility Human Resources Management (3 cr hrs)
The course addresses the fundamental processes of utilizing human resources to maximize organizational efficiency. Topics include principles of human resource planning, employee recruitment and selection, compensation and retention. Prerequisite: MGMT 300. Spring.

PGM 360 - Golf Operations Marketing (3 cr hrs)
This course is designed to provide an understanding of customer behavior as it relates to marketing. Topics include implementing new plans, ecommerce, media, POS systems, and additional resources to
maximize revenue. Fall.

**PGM 410 - Golf Tournament Operations** (3 cr hrs)
This course is designed to provide an understanding of golf tournament operations. Topics include tournament organization, operation, marketing, development plans and software utilization. Fall.

**PGM 420 - Turfgrass Management** (3 cr hrs)
This course addresses management of turf grasses on a golf course. Topics includes grass varieties, diseases, irrigation, equipment requirements, and personnel management. Fall.

**PGM 498 - PGM Internship** (1-3 cr hrs)
This course provides an opportunity for internship at a preapproved location. Lincoln Memorial University retains ultimate control and supervision of the internship. As needed.

### PSYCHOLOGY

**PSYC 100 - Introduction to Psychology** (3 cr hrs)
An introduction to the basic concepts, methods, theories and applications of psychology and a 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. Fall, Spring.

**PSYC 221 - Child & Adolescent Development** (3 cr hrs)
Basic theories and principles of human growth and development from conception through adolescence. Emphasis on physical, cognitive, and psychosocial development. Fall, Spring.

**PSYC 222 - Adult Development** (3 cr hrs)
Physical, social, cognitive, and psychological development during young adulthood, middle age, and the later years. Includes grief, death, and dying. Recommended antecedent: PSYC 221. Spring.

**PSYC 255 – Introduction to Social Psychology** (3 cr hrs)
Social factors of human behavior: social cognition, influences, and relations; group process; interplay of individuals, groups, and society. Junior SEWS paper. Prerequisites: PSYC 100. Fall.

**PSYC 280 - Statistical Methods for the Social Sciences** (3 cr hrs)
Introductory statistics course from the perspective of the social sciences. Descriptive and inferential statistics typically used in social science research. Purpose and application of procedures in research emphasized. Fall, Spring.

**PSYC 314 - History and Systems of Psychology** (3 cr hrs)
Historical development of psychology as a science and profession; emphasis on evolution of psycho dynamic and behavioral theories. Prerequisite: PSYC 100. Fall.

**PSYC 315 - Theories of Personality** (3 cr hrs)
Freudian, Neo-Freudian, object relations, cognitive, trait, neo-Reichian, existential, and transpersonal theories; integration and synthesis of psychological theory. Prerequisite: PSYC 100, PSYC 314. Spring.

**PSYC 340 - Abnormal Psychology** (3 cr hrs)
Types, causes, symptoms, and treatments of mental disorders; emphasis on Diagnostic and Statistical Manual of Mental Disorders. Prerequisite: PSYC 100. Spring.

**PSYC 370 - Educational Psychology** (3 cr hrs)
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 221. Fall, Spring.

**PSYC 380 - Research in Psychology** (3 cr hrs)
Fundamental techniques, designs, procedures, and methodologies of scientific behavioral and social research. Includes laboratory work. Spring.

**PSYC 394 - Cognitive Psychology** (3 cr hrs)
Survey of learning theories including behaviorism, transitional, gestalt, developmental, post formal, information processing, and network models. Factors influencing learning such as memory, attention, metacognition, and motivation. Prerequisite: PSYC 100. Spring.

**PSYC 420 - The Psychology of Aging** (3 cr hrs)
Mental health of the elderly; assessment, treatment, individual and group counseling. Prerequisites: PSYC 340, SOCI 350. Spring.

**PSYC 450 - Health Psychology** (3 cr hrs)
Advanced focus on behavioral application to medicine, health & wellness. Topics may include: stress and pain management, and chronic illnesses, including the dementias. Prerequisite: PSCY100 or consent of instructor. Fall.

**PSYC 460 - Theories of Psychotherapy** (4 cr hrs)
Concepts, principles, theories, techniques, and areas of specialization in counseling and psychotherapy. Training in counseling skills. Prerequisites: PSYC 100, PSYC 255, PSYC 340; Fall.

**PSYC 470 - Psychological Tests and Measurements** (3 cr hrs)
Principles and techniques of test construction, administration, scoring, and interpretation. Basic measurement concepts and statistics employed in testing; issues and ethics related to testing; survey of specific tests/inventories and their applications. Prerequisites: PSYC 280. Fall.

**PSYC 475 - Neuropsychology** (3 cr hrs)
Psychological mechanisms and perceptual systems that underlie human experience; emphasis on the central nervous system. Prerequisite: PSYC 100. Fall.

**PSYC 480 - Experimental Psychology** (3 cr hrs)
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, PSYC 280, PSYC 380; Fall.

**PSYC 488 - Senior Thesis** (3 cr hrs)
Students design, conduct, present, and submit for publication a psychological experiment. Depth of research must surpass that for PSYC 480. Prerequisites: PSYC 480; Fall/Spring as needed.

**PSYC 490 - Practicum in Psychology** (3 cr hrs)
Clinical field placement within a facility offering psychological services. Seminar sessions included. Prerequisite: admission to Psychology internship. Spring.

**PSYC 498 - Seminar and Internship in Psychological Services** (9 or 12 cr hrs)
Weekly seminar and supervised internship experience of 300-450 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: admission to Psychology internship. Spring.

### RELIGION

**REL 210 - Survey of the Old Testament** (3 cr hrs)
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. Fall.

**REL 220 - Survey of the New Testament** (3 cr hrs)
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. Spring.

**REL 310 - Comparative World Religions** (3 cr hrs)
This course undertakes an historical survey of world religions, including Shinto, Hinduism, Jainism, Buddhism, Taoism, Confucianism, Zoroastrianism, Judaism and Islam. Fall.

**REL 315 - Comparative Christianity** (3 cr hrs)
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.

REL 321 – History of Christianity I (3 cr hrs)
A survey of the historical and theological development of Christianity from the period of the early church to the eve of the Protestant Reformation. Fall, alternate years.

REL 322 – History of Christianity II (3 cr hrs)
A survey of the historical and theological development of Christianity from the Protestant Reformation to the present. Spring, alternate years.

REL 325 - Religion in America (3 cr hrs)
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. Spring, alternate years.

REL 364 – Islam (3 cr hrs)
An exploration of the history, theology, and practice of Islam in the past and present. Spring, alternate years.

SMALL BUSINESS MANAGEMENT AND ENTREPRENEURSHIP

SBME 320 - Investments (3 cr hrs)
This course is designed to cover personal investing in the financial markets. Virtually everyone will be called upon to make investment decisions--participating in an employer’s retirement accounts, individual retirement accounts, pension funds, savings accounts, buying a house, life insurance and so on. This course seeks to help one make informed decisions on where one’s money goes. It does not assume that a student has any previous knowledge of the markets. Fall.

SBME 341 – Introduction to Entrepreneurship (3 cr hrs)
This course is designed to acquaint students with the challenge of conceptualizing, developing and launching a new business venture. The course covers topics such as choosing a business venture, deciding on a form of organization, selecting the venture location, financing the venture, managing an ongoing venture and exit strategy. Prerequisite: MGMT 300, Fall.

SBME 350 - Personal Finance (3 cr hrs)
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. Fall.

SBME 360– Readings in Entrepreneurship (3 cr hrs)
Readings in Entrepreneurship is a course on the nature and dynamics of entrepreneurship based on biographical and experiential history of successful entrepreneurs. The main assessment activity of the course is book reading and engaging in discursive dialogue about the focal entrepreneur of the book. All types of successful and enduring entrepreneurial activities started out as a small business. The goal of the readings in entrepreneurship is to assimilate and capture the real experiences of highly successful entrepreneurs and to challenge and inspire business majors towards the ideals that led to highly successful entrepreneurial endeavors. Prerequisite: Junior status, Fall.

SBME 410 – Finance for Small Business Owners & Entrepreneurs (3 cr hrs)
This course is designed to provide an in-depth knowledge of finance for small business owners and entrepreneurs who are engaged in business organizations such as self-proprietorship, partnership, corporation, LLC, franchise, and nonprofit organizations. The topics covered in this course include capital budgets, operating budgets, working capital management, financial statement analysis, cash flow analysis, debt and equity financing, profitability analysis, break-even analysis and bankruptcy. Prerequisites: FIN 360, ACCT 210, SBME 320, SBME 341, Spring.

SBME 442 - Small Business Management (3 cr hrs)
This course is designed to teach management and marketing of a small business. The course discusses operations, human resources, relationships, pricing, promotions, supply chain, asset management and risk management. Prerequisite: SBME 341, Spring.

SBME 498 – Entrepreneurship Internship (3 cr hrs)
This course provides on-the-job experience directed by a member of the School of Business faculty. May be repeated for a total of 6 credit hours. Lincoln Memorial University retains ultimate control and supervision of the internship. Prerequisite: Approval of SBME chair.

GENERAL SCIENCE

SCI 100 - Introduction to Earth Science (3 cr hrs)
Elementary astronomy, geology, meteorology. The solar system, universe, atmosphere, weather, geological processes, rocks and minerals, and effects of weather processes on the earth. Corequisite: SCI 100 lab (1 cr hr). Fall.

SCI 100L - Introduction to Earth Science Lab (1 cr hr) Corequisite: SCI 100.

SCIENCE, TECHNOLOGY, ENGINEERING AND MATHEMATICS

STEM 460 Methods of Secondary Mathematics and Natural Science Instruction (3 cr hrs)
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. Prerequisites: MATH150 and both general education natural science courses.

SOCIOLOGY

SOCI 100 - Introduction to Sociology (3 cr hrs)
Overview of principles employed in analyzing the nature of societal, cultural, and group behavior. Applications to major social institutions and individual lives. Fall, Spring.

SOCI 330 - Cultural Diversity (3 cr hrs)
Perspectives on the dynamics of oppression, assimilation, and pluralism. Populations distinguished by age, gender, race, disablement, sexual orientation, and ethnicity. Recommended antecedent: SOCI 100. Fall, Spring.

SOCIAL WORK

SOCW 200 - Social Work Profession (3 cr hrs)
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.

SOCW 230 - Introduction to Social Welfare (3 cr hrs)
Origins, values, and problems encountered in program development and delivery of social welfare services in American society. Fall.

SOCW 240 - Orientation to Practice (3 cr hrs)
Interviewing skills, written documentation requirements, and technological competencies within the organizational setting. Fall.

SOCW 311 - Human Behavior in Social Environment I (3 cr hrs)
Sociocultural, psychological, and biological influences within the social systems context. Focus on individual development and interaction with families, groups, organizations, and communities. Examples apply to Appalachian environments. Prerequisite: PSYC 221 or permission of instructor. Fall.

SOCW 312 - Human Behavior in Social Environment II (3 cr hrs)
Sociocultural, psychological, and biological influences within the social systems context. Focus on the interactions within and between families, groups, organizations, and communities. Examples apply to Appalachian environments. Prerequisite: SOCW 311 or permission of
instructor. Junior SEWS paper. Spring.

**SOCW 320 - Child and Family Welfare (3 cr hrs)**  
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.

**SOCW 330 - Human Diversity and Social Justice (3 cr hrs)**  
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.

**SOCW 340 - Practice with Individuals (3 cr hrs)**  
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; Phase I Admission to Social Work program. Spring.

**SOCW 380 - Social Work Research: Design and Methodology (3 cr hrs)**  
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: PSYC 280, statistics course, or permission of instructor. Fall.

**SOCW 385 - Social Work Research: Data Analysis (3 cr hrs)**  
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 or permission of instructor. Spring.

**SOCW 450 - Practice with Groups and Families (3 cr hrs)**  
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 interventional groups. Prerequisite: Phase II Admission to Internship. Corequisite: SOCW 497. Fall.

**SOCW 460 - Practice with Communities and Organizations (3 cr hrs)**  
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 Internship. Corequisite: SOCW 497. Fall.

**SOCW 470 - Social Welfare Policy and Issues (3 cr hrs)**  
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 Internship. Corequisite: SOCW 497. Fall.

**SOCW 480 - Social Work Capstone Seminar (4 cr hrs)**  
Identification of principles and theories in social work intervention with focus on integration of knowledge, skills, and values necessary for beginning generalist social work practice. Prerequisite: Phase II Admission to Internship. Corequisite: SOCW 498. Spring.

**SOCW 497 - Senior Seminar and Internship I (8 cr hr)**  
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. Lincoln Memorial University retains ultimate control and supervision of the internship. Prerequisite: Phase II Admission to Internship. Corequisite: SOCW 497F Internship I (225 clock hours). Fall.

**SOCW 498 - Senior Seminar and Internship II (7 cr hrs)**  
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. Lincoln Memorial University retains ultimate control and supervision of the internship. Prerequisites: Admission to Internship. Corequisite: SOCW 498F Internship II (225 clock hours). Spring.

**SPANISH**

**SPAN 111 - Beginning Spanish I (3 cr hrs)**  
Introduces modes of Spanish communication; emphasizes conversational language through application of grammatical structures to vocabulary. Includes listening and reading comprehension. Fall.

**SPAN 112 - Beginning Spanish II (3 cr hrs)**  
Introduces modes of Spanish communication; emphasizes conversational language through application of grammatical structures to vocabulary. Includes listening and reading comprehension. Prerequisite: SPAN 111 or one year of high school Spanish. Spring.

**SPAN 211 - Intermediate Spanish I (3 cr hrs)**  
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. Prerequisites: SPAN 111, SPAN 112 or consent of the Instructor. Fall.

**SPAN 212 - Intermediate Spanish II (3 cr hrs)**  
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. Spring.

**SPAN 330 - Advanced Grammar and Composition (3 cr hrs)**  
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, SPAN 212 or appropriate placement test score. Fall/Spring as needed.

**SPECIAL EDUCATION**

**SPED 180-Assessment and IEP Development (3 cr hrs)**  
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.

**SPED 190-Family School Collaboration (3 cr hrs)**  
Candidates employ collaborative team work. They prepare to partner with, understand, and support diverse families of children with special needs. Through collaborative effort, candidates form professional teams with staff, administrators, and others for the purpose of professional development, instruction, and problem solving. Fall, Spring.

**SPED 210-Managing Academic and Social Behavior of Students with Disabilities (3 cr hrs)**  
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.

**SPED 230-Characteristics and Communication of Students with Severe Disabilities (3 cr hrs)**  
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.

**SPED 270 - Teaching the Exceptional Learner (2 cr hrs)**

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. Clinical field experience in an exceptional needs setting. Fall, Spring.

**SPED 320 - K - 12 Differentiated Learning (3 cr hrs)**

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 required. Fall, Spring.

**SPED 330 - Methods of Instruction and Support for Students with Severe Disabilities (3 cr hrs)**

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. Fall, Spring.

**SPED 410 - Access, Assistive Technology, AAC, and Functional Academics (3 cr hrs)**

Candidates ensure that students have access to grade level instruction with appropriate accommodations in the common core 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.

**SPED 420 - Postsecondary Transition for Students with Disabilities (3 cr hrs)**

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.

**SPED 490 - Research to Practice Seminar (3 cr hrs)**

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.

**SPORT MANAGEMENT**

**SMT 100 - Foundations in Sport Management (3 cr hrs)**

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). Strong emphasis is placed on the future development of sport and career opportunities. Fall, Spring.

**SMT 110 - History of Sports (3 cr hrs)**

This course will provide students with a historical perspective of sports. The ancient Greek games and subsequent Olympic movement will be studied. Various cultures and a global sport historical aspect will also be addressed. Fall, Spring.

**SMT 200 - Sport Administration (3 cr hrs)**

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. Fall, Spring.

**SMT 210 - International Sport (3 cr hrs)**

This course provides an analysis of the impact of the globalization of sport in relation to the organization and management of international sports, including the Olympic movement and the examination of U.S. amateur and professional sports. A comprehensive investigation of international governance, political, social, and economic issues which leagues and corporations must consider in conducting business in foreign markets. Several key areas of international business, as they relate to sport business, are explored including: the scale, scope and organization of global sports, globalization, internationalization, cultural aspects, international marketing, political risk, financial /economic risk, human rights, ethical dimensions, role of media, technology and professional sport leagues. Critical thinking skills are enhanced with the use of case situations and group discussions related to the organizational, social, and cultural differences of the global sport community. Fall, Spring.

**SMT 300 - Legal and Ethical Aspects of Sport Management (3 cr hrs)**

This course examines the governance of professional and amateur sport activities by the various governing agencies. Students will conduct research and become familiar with these agencies, their authority, organizational structure, and functions. The role and influence of sport commissions and other governmental bodies on sport governance is also explored, along with the sanction and appeal processes utilized by the agencies. Prerequisite: SMT 100, Junior status. Fall, Spring.

**SMT 310 - Principles of Finance in Sport Management (3 cr hrs)**

This course provides a strong foundation for students to learn how various sport entities cope with the effects of recessions and analyze the unique issues that affect various segments of the sport industry. Prerequisite: SMT 100, Junior status. Fall, Spring.

**SMT 320 - Contemporary Issues in Sport (3 cr hrs)**

This course examines the relationship between sport, both professional and amateur, and society. Students apply critical thinking skills to analyze current sport-related controversies, and gain a deeper understanding of the relationships between sports and global social issues such as gender, ethnicity, social class, economics, politics and mass media. It will also examine the social and cultural history of sport and its influence on our social institutions, such as politics, the economy and government. Prerequisite: SMT 100, Junior status. Fall, Spring.

**SMT 330 - Sport Economics (3 cr hrs)**

This course examines economic impact studies as applied to sport industry situations. Exploration of how fans, players, coaches, the media, and companies interact to drive the sport industry will also be addressed. Prerequisite: SMT 100, Junior status. Fall, Spring.

**SMT 340 - Sport Promotion and Event Planning (3 cr hrs)**

This course prepares students to use conceptual skills to engage in event production and evaluation. Staffing, budgeting, promotion, sponsorships, logistics, on-site management and post-event duties and considerations will be addressed. Prerequisite: SMT 100, Junior status. Fall, Spring.
SMT 350 - Sport Facilities Management (3 cr hrs)
This course focuses on the fundamentals of operating a sport facility. Emphasis is placed on examining various quality 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, maintenance, planning, operations, scheduling, and controlling. Operational topics are explored through both a qualitative and quantitative perspective. Students will be asked to plan and conduct an event on campus. Prerequisite: SMT 100, Junior status. Fall, Spring.

SMT 400 - Sport Marketing (3 cr hrs)
Students apply the fundamentals of marketing – target market, product, price, marketing channel, and marketing communication – to the sport industry. Students gain an understanding of sport as a product and its unique aspects. Prerequisite: SMT 100, Junior status. Fall, Spring.

SMT 410 - Sport Public and Media Relations (3 cr hrs)
This course is an intensive exploration of selected topics in sport information. Discussion of media, writing, social media, and current trends in the field will be studied. Prerequisite: SMT 100, Senior status. Fall, Spring.

SMT 490 - Sport Seminar (3 cr hrs)
Research and discussion of critical questions in physical education and sport management; topics to be studied will vary according to the concern of seminar students. Guest speakers and sport industry professionals will lecture in many of the classes. Prerequisite: SMT 100, Senior status. Fall, Spring.

SMT 498 - Sport Management Internship (1-6 cr hrs)
This course includes on-the-job learning in a sport management setting. Field experience involving supervised contact with Sport administrators. Forty-five (45) contact hours per semester hour of credit is required. Lincoln Memorial University retains ultimate control and supervision of the internship. Prerequisites: Completion of all requirements of the Sport Management degree and consent of the Instructor.

THEATRE

THEA 100 - Introduction to Theatre (3 cr hrs)
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. Fall.

THEA 230 - Fundamentals of Acting (3 cr hrs)
Basic acting techniques, emphasizing a structured approach. Includes scene work from play scripts. Fall.

THEA 250 - Fundamentals of Stage Lighting (3 cr hrs)
A lecture-laboratory course; fundamental drafting and construction techniques for stage and studio scenery; hardware and basic procedures in lighting for stage/studio. Spring.

THEA 340(X) - Survey of Dramatic Literature (3 cr hrs)
Selected play scripts from the Classic Greeks to the present; as literary art and from the perspective of production mechanics and theatre practitioners. Prerequisite: ENGL 102. Spring.

THEA 350 - Production Design (3 cr hrs)
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: MCOM 250. Fall.

UNIVERSITY ACTIVITIES

The University activities courses exist to award credit appropriately earned in a variety of structured campus activities related to vocational, avocational, or leisure interests.

UACT - Activity Courses Sport/exercise fundamentals, rules, etiquette, and skills for lifelong physical activity. These are all given a grade as Pass/Fail. Fall/Spring

UACT 105 - Tennis (1 cr hr)
UACT 110 - Basketball (1 cr hr)
UACT 115 - Water Aerobics (1 cr hr)
UACT 120 - Golf (1 cr hr)
UACT 125 - Advanced Golf (1 cr hr)
UACT 130 - Bowling (1 cr hr)
UACT 150 - Walking and Jogging (1 cr hr)
UACT 160 - Weight Lifting (1 cr hr)
UACT 165 - Fitness and Conditioning (1 cr hr)
UACT 180 - Volleyball (1 cr hr)
UACT 190 - Soccer (1 cr hr)
UACT 195 - Self-Defense/Martial Arts (1 cr hr)

UACT 105 - Strategies for College Success (2 cr hrs)
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 Lincoln Memorial University’s values, topics such as time management, learning strategies, self-understanding, and career and life choices will be addressed. Health issues such as managing stress, substance use and abuse, and general wellness are also examined. This course is required of all new freshman with less than 15 credits of college credit. Given the goals of this course, AP, CLEP, dual-enrollment, and online courses may not be included in the calculation of the 15 credits necessary to be exempt from this course. University Honors Scholars may substitute HNRS 100. Fall/Spring.

UACT 103 - Student Government (1 cr hr)
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.

UACT 113 - Student Newspaper Staff (1 cr hr)
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.

UACT 123 - Student Yearbook Staff (2 cr hrs)
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.

UACT 133 - Varsity Soccer/Volleyball (1 cr hr)
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.

UACT 143 - Varsity Baseball/Softball (1 cr hr)
Participation and fulfillment of assigned responsibilities as a member (player or staff) of the varsity baseball/softball team. May be repeated a total 4 credit hours applicable to degree requirements. Prerequisite: consent of appropriate athletic coach. Graded Pass/Fail.

UACT 210 - Resident Assistant (2 cr hrs)
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.

UACT 153 - Varsity Basketball (1 cr hr)
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.
UACT 163 - Varsity Cheerleading (1 cr hr)
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.

UACT 173 - Varsity Cross Country/Track & Field (1 cr hr)
Participation and fulfillment of assigned responsibilities as a member (player or staff) of the varsity cross country/track & field team. May be repeated to a total 4 credit hours applicable to degree requirements. Prerequisite: Consent of appropriate athletic coach. Graded Pass/Fail.

UACT 183 - Varsity Golf/Lacrosse (1 cr hr)
Participation and fulfillment of assigned responsibilities as a member (player or staff) of the varsity golf/lacrosse team. May be repeated to a total 4 credit hours applicable to degree requirements. Prerequisite: Consent of appropriate athletic coach. Graded Pass/Fail.

UACT 193 - Varsity Tennis (1 cr hr)
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.

UACT 200 - Career Planning (2 cr hrs)
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.

UACT 295 - Pre-law (1 cr hr)
This course is to be taken for elective credit by students considering law school and the legal profession. Fall or Spring.

VETERINARY HEALTH SCIENCE

VHS 101 - Introduction to Veterinary Medicine (1 cr hr)
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.

VHS 111 - Domestic Animal Anatomy & Physiology I (3 cr hrs)
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. Corequisite: VHS 111L (1 cr hr). Fall.

VHS 112 - Domestic Animal Anatomy & Physiology II (3 cr hrs)
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: VHS 111 and VHS 111L. Corequisite: VHS 112L (1 cr hr). Spring.

VHS 160 - Veterinary Medical Terminology (1 cr hr)
This course provides the basic terminology and nomenclature in the allied health and veterinary technology fields. On-line course. Fall.

VHS 210 - Companion Animal Handling and Restraint (2 cr hrs)
This course provides information on capture, restraint and safety of the handler (veterinary assistant), examiner/phlebotomist/docotor, patient, and owner in small animal practice (includes pocket pets). Prerequisite: VHS 112, VHS 112L. Corequisite: VHS 210L (1 cr hr). Fall/Spring.

VHS 220 - Rural Animal Handling and Restraint (2 cr hrs)
Practical aspect of behavior, nutrition, breeding, reproduction, health, economics, and management of horses, large and small ruminants, camelids, poultry, pigs and other hobby-type, rural farm animals. Prerequisites: VHS 112, VHS 112L. Corequisite: VHS 220L (1 cr hr). Travel off campus will be required for this course. Spring.

VHS 260 - Animal Diseases & Zoonoses (3 cr hrs)
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: VHS 112, VHS 112L. Spring.

VHS 300 - Animal Parasitology & Entomology (3 cr hrs)
Common internal and external parasites of domestic animals. Parasitic life cycles, pathlogy, control measures. Prerequisites: VHS 112, VHS 112L. Corequisite: VHS 300L (1 cr hr). Fall.

VHS 320 - Animal Nutrition (2 cr hrs)
This course will include the classification and function of nutrients, interpretation of pet food labels, and proper application for life stage feeding and therapeutic nutrition for dogs and cats. Critical care nutrition for dogs and cats will also be covered. Feed stuffs and feeding methods for farm animals, horses and exotic species will also be included. Fall.

VHS 330 - Veterinary Junior Seminar (2 cr hrs)
This course is designed to introduce students to the field of scientific research in veterinary medicine. The student plans a scientific topic inquiry, either through original or library research. Requires a project proposal or literature review paper and oral presentation of findings. Fall.

VHS 340 - Small Farm Animal Management (2 cr hrs)
Practical aspects of behavior, nutrition, breeding, reproduction, health and disease prevention, economics and business management, biosecurity/bioterrorism and herd health management of small farm animals. Management concepts will focus on species similarities/differences. Prerequisites: VHS 220, VHS 220L. Fall, Spring.

VHS 350 - Rural Animal Management (2 cr hrs)
Practical aspect of behavior, nutrition, breeding, reproduction, health, economics, and management of horses, large animals ruminants, camelid, poultry, pigs, and other hobby-type, rural farm animals. Fall, Spring.

VHS 360 - Animal Behavior (1 cr hr)
This course covers aspects of behavior of domestic animal breeds. Socialization, positive reinforcement techniques and training of dogs and cats will be discussed. Behavioral problems, possible etiologies and treatment strategies will be discussed as well. Spring.

VHS 380 - Companion Animal Management (2 cr hrs)
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. Fall, Spring.

VHS 390 - Human Animal Bond: An Interdisciplinary Approach (3 cr hrs)
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.

VHS 400 - Zoonotic Diseases of Vet and Public Health Importance (3 cr hrs)
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. Spring.

VHS 410 - Equine Management (2 cr hrs)
Practical aspects of behavior, nutrition, breeding, reproduction, health, economics, and management of horses. Fall, Spring.
VHS 440 - One Health for Veterinary Professionals (3 cr hrs)
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. Fall.

VHS 490 - Toxicology (2 cr hrs)
Basic and clinical aspects of the more common poisonings that affect domestic animals, birds and wildlife will be considered. Initial lectures will introduce basic toxicological principles, calculations, and concepts of antidotes as they relate to treatment/prevention of toxic cases, and diagnostic/forensic (investigative) considerations. Spring.

VHS 497 – Veterinary Senior Seminar (1 cr hr)
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 science. Requires a research paper on a topic in veterinary medicine. Prerequisite: VHS 330. Spring.

VETERINARY MEDICAL TECHNOLOGY

VMT 100 - Introduction to Veterinary Technology (1 cr hr)
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.

VMT 111- Domestic Animal Anatomy & Physiology I (3 cr hrs)
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. Corequisite: VMT 111L (1 cr hr). Fall.

VMT 112 - Domestic Animal Anatomy & Physiology II (3 cr hrs)
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. Corequisite: VHS 112L (1 cr hr). Spring.

VMT 120- Animal Husbandry/Nutrition & Breeds (2 cr hrs)
This course introduces students to the basic care and management of common companion and farm animals as well as breeding management. Various breeds of each species are highlighted as well as basic nutritional requirements. Reptile and avian species, husbandry and reproduction are covered as well. 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. Corequisite: VMT 120L (1 cr hr). Fall.

VMT 160 - Veterinary Medical Terminology (1 cr hr)
This course provides the basic terminology and nomenclature in the allied health and veterinary technology fields. Fall.

VMT 180 - Laboratory and Zoo Animals (2 cr hrs) (1 cr hr lecture - 1 cr hr lab) 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. 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 111, VMT 111L. Corequisite: VMT 180L. Fall

VMT 210-Small Animal Clinical Procedures and Techniques (2 cr hrs)
This course provides information on clinical procedures and techniques in small animal medicine (includes pocket pets). The following areas are included in this course: checking in patients, discharging patients, outpatient skill development; handling and restraint, exam room, estimates, medical and nursing care of small animals, medication administration, bandaging, casting, intravenous catheterization, cystocentesis, sample collection, patient care and assessment, medical records. 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 111, VMT 111L, VMT 120, VMT 120L. Corequisite: VMT 210L (1 cr hr). Fall/Spring.

VMT 220-Large Animal Clinical Procedures and Techniques (1 cr hr)
This course provides information on clinical procedures and techniques in large animal. 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 lard 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 111, VMT 111L, VMT 120, VMT 120L. Corequisite: VMT 220L (2 cr hrs). Travel off campus will be required for this course. Fall/Spring.

VMT 230 – Dental Procedures & Techniques (2 cr hr)
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 with routine dental procedures. Prerequisites: VMT 210, VMT 210L. Fall.

VMT 231- Diagnostic Lab Procedures I (1 cr hr)
This course will familiarize students to the laboratory equipment used in veterinary clinical and hospitals, maintenance of equipment, quality control, and lab safety procedures (OSHA). The course includes a complete description of laboratory procedures such as sample collection for veterinary hematology, blood transfusion, blood typing and cross-match. Prerequisites: VMT 112, VMT 112L. Corequisite: VMT 231L (1 cr hr). Fall.

VMT 232 - Diagnostic Lab Procedures II (1 cr hr)
An in-depth study of blood chemistry analysis, urinalysis, cytology (ear, skin, aspires), including vaginal cytology, specimen submissions, semen evaluation, necropsy procedures, microbiology including identification of dermatophytosis, and quality control for veterinary labs. The student will become familiar with laboratory equipment in veterinary laboratories. Prerequisites: VMT 231 & VMT 231L. Corequisites: VMT 232L (1 cr hr). Fall.

VMT 240 – Emergency & Critical Care Procedures & Techniques (2 cr hr)
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 210, VMT 210L. Fall.

VMT 241- Pharmacology & Anesthesia for Veterinary Technicians I (2 cr hrs)
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. Prerequisites: Completion of MATH 105 with at least a C-. Corequisite: VMT 112, VMT 112L. Fall.
VMT 242 - Pharmacology & Anesthesia for Veterinary Technicians II (2 cr hrs)
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. Prerequisites: VMT 241. Spring.

VMT 251 - Surgical Nursing & Anesthesia I (2 cr hrs)
Live animals are used in this course. Students are required to provide all pre and post care of patients used in labs and will be required to be at school after hours and/or on weekends. This course focuses on anesthesia principles and practices and standard surgical procedures for technicians. Dental procedures are included in this course. Students will perform surgical scrub, gown and glove without anesthesia machine and surgical instruments and other tools used in same semester. 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 112, VMT 112L. Corequisite: VMT 251L (1 cr hr). Fall.

VMT 252 - Surgical Nursing & Anesthesia II (2 cr hrs)
Live animals are used in this course. This course focuses on anesthesia principles and practices and standard surgical procedures for technicians. This course covers 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 have mastery of principles of emergency critical care and CPR as it pertains to anesthesia. 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 251 and VMT 251L. Corequisite: VMT 252L (1 cr hr). Spring.

VMT 260 - Animal Diseases & Zoonoses (3 cr hrs)
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: VMT 231, VMT 231L. Spring.

VMT 270 - Imaging & Ultrasound for Veterinary Technicians (1 cr hr)
A study of radiological procedures for domestic animals common to veterinary medicine. Prerequisite: VMT 210, VMT 210L. Corequisite: VMT 270L (1 cr hr). Fall.

VMT 291 - Veterinary Technician Practicum I (3 cr hrs)
Clinical hands on experience and skill development. VTPI consists of 120 hours of clinical experience. All clinical practicum sites must be approved by the Program Director. Fall, Spring, Summer.

VMT 292 - Veterinary Technician Practicum II (3 cr hrs)
Clinical hands on experience and skill development. VTPII consists of 120 hours of clinical experience. All clinical practicum sites must be approved by the Program Director. Fall, Spring, Summer.

VMT 297 - Veterinary Technology Clinical Review (1 cr hr)
Structured review of selected veterinary technology courses: anatomy and physiology, clinical techniques, parasitology, disease processes, pharmacology, radiology, diagnostic procedures, and surgical prep/anesthesiology. 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. Spring.

VMT 300 - Veterinary Parasitology & Entomology (3 cr hrs)
Common internal and external parasites of domestic animals. Parasitic life cycles, pathology, control measures. Prerequisites: VMT 112, VMT 112L. Corequisite: VMT 300L (1 cr hr).

VMT 320 - Animal Nutrition (2 cr hrs)
This course will include the classification and function of nutrients, interpretation of pet food labels, and proper application for life stage feeding and therapeutic nutrition for dogs and cats. Critical care nutrition for dogs and cats will also be covered. Feed stuffs and feeding methods for farm animals, horses and exotic species will also be included. Fall.

VMT 326 - Pain Management for Veterinary Technologists (2 cr hrs)
This course will cover contemporary pain management modalities including an overview of the anatomy and physiology of pain and allopathic and alternative medicine techniques and protocols. The course will conclude with at-home hospice care for terminal patients. Spring.

VMT 330 - Veterinary Junior Seminar (2 cr hrs)
This course is designed to introduce students to the field of scientific research in veterinary medicine. The student plans a scientific topic inquiry, either through original or library research. Requires a project proposal or literature review paper and oral presentation of findings. Fall.

VMT 340 - Small Farm Animal Management (2 cr hrs)
Practical aspects of behavior, nutrition, breeding, reproduction, health and disease prevention, economics and business management, biosecurity/bioterrorism and herd health management of small farm animals. Management concepts will focus on species similarities/differences. Fall, Spring.

VMT 356 - Equine Management (2 cr hrs)
Practical aspects of behavior, nutrition, breeding, reproduction, health, economics, and management of horses. Fall, Spring.

VMT 357 - Rural Animal Management (2 cr hrs)
This course provides the practical aspect of behavior, nutrition, breeding, reproduction, health, economics, and management of horses, large and small ruminants, camels, poultry, pigs, and other hobby-type, rural farm animals. Fall. Spring.

VMT 360 - Animal Behavior (1 cr hr)
This course covers aspects of behavior of domestic animal breeds. Socialization, positive reinforcement techniques and training of dogs and cats will be discussed. Behavioral problems, possible etiologies and treatment strategies will be discussed as well. Spring.

VMT 370 - Advanced Anesthesia for Veterinary Technologists (2 cr hrs)
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+. Corequisite: VMT 370L (1 cr hr). Fall.

VMT 380 - Companion Animal Management (2 cr hrs)
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. Fall. Spring.

VMT 390 - HAB An interdisciplinary Approach (3 cr hrs)
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.

VMT 397 - Nursing Care Assessment Plans; Capstone (1 cr hr)
This course is a capstone course in that nursing care assessment plans will be developed for various medical conditions of animal patients. Students will present their NCAP to the faculty and program students. NCAPs require critical thinking skills that will allow students the opportunity to assess patients and develop critical care plans for the wellbeing of the patients. Spring.

VMT 400 - Zoonotic Diseases of Vet and Public Health (3 cr hrs)
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. Spring.

**VMT 410 - Emergency & Critical Care Procedures & Techniques for Veterinary Technologists** (3 cr hrs)
This course will emphasize patient evaluation, procedures involved in emergency/critical care and use of appropriate methods to assure maximum benefit to the patient in an emergency situation. Advanced techniques and procedures will be covered as well as advanced nursing skills. This course is designed to be an introduction to emergency and critical care for students interested in the Academy of Veterinary Emergency and Critical Care Technicians (AVECCT) specialty. Corequisite: VMT 410L. Spring.

**VMT 430 - Advanced Clinical Procedures & Techniques** (3 cr hrs)
(2 cr hrs lecture - 1 cr hr lab)
This course provides information on advanced clinical procedures, including but not limited those listed below in small animal (including pocket pet) medicine. Live animal care will be assigned. Early morning, late afternoon/ evening, and weekend duty may be required. Corequisite: VMT 430L. Fall, Spring.

**VMT 440 - One Health for Veterinary Professionals** (3 cr hrs)
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. Fall.

**VMT 490 - Toxicology** (2 cr hrs)
Basic and clinical aspects of the more common poisonings that affect domestic animals, birds and wildlife will be considered. Initial lectures will introduce basic toxicological principles, calculations, and concepts of antidotes as they relate to treatment/prevention of toxic cases, and diagnostic/forensic (investigative) considerations. Spring.

**VMT 497 - Veterinary Senior Seminar** (1 cr hr)
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 science. Requires a research paper on a topic in veterinary medicine. Prerequisite: VMT 330. Spring.

**WILDLIFE AND FISHERIES BIOLOGY**

**WDLF 397 - Junior Science Seminar** (3 cr hrs)
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. Fall/Spring as needed.

**WDLF 483 - Undergraduate Research in Wildlife Fisheries and Biology** (1-3 cr hrs)
This is a laboratory or filed research course in the life sciences with a faculty supervisor. An approved research project and written report are required. The student is required to document 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: Junior standing and consent of faculty supervisor. Fall/Spring/Summer as needed.

**WDLF 497 - Senior Science Seminar** (1 cr hr)
Methods of literature search and sources of information in the sciences. Requires a research paper on a topic in wildlife management. Prerequisite: completion of all 300 level program requirements. Fall/Spring as needed.

**WDLF 498 - Internship in Wildlife and Fisheries Management** (1-6 cr hrs)
Staff/apprentice work experience at an approved business/agency directly related to wildlife and fisheries management. 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 director of the Wildlife and Fisheries Management Program. Fall/Spring as needed.
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FACULTY
While many part-time and adjunct faculty make valuable contributions to the teaching and learning at Lincoln Memorial University, only full-time employees holding faculty rank are included in this catalog. The date following each name indicates year of initial LMU faculty appointment. Periodically, new faculty will be added via the “Updates” page.

Stacy Anderson, 2015
Assistant Professor of Large Animal Surgery
MVS (Large Animal Clinical Sciences), University of Saskatchewan, Canada
DVM, Iowa State University

Elizabeth Anderson, 2011
Instructor of Nursing
BSN (Nursing), University of Tennessee–Knoxville
MSN (Nursing), University of Tennessee–Knoxville

Robin Antepara, 2014
Director, International Programs
Instructor of Psychology
BA (Music), Boston University
MA (TESOL and Applied Linguistics), Columbia University
PhD (Depth Psychology), Pacifica Graduate Institute

Shane Apperley, 2015
Assistant Professor of PA Studies
BS (Sport & Exercise Science), University of Birmingham, England
Postgraduate Diploma (Physician Assistant Studies), University of Birmingham, England
MS (Physician Associate Studies), University of Birmingham, England

Rhonda Armstrong, 2012
Instructor of Learning Resources
Director of the Library
BBA (Information Systems) Middle Tennessee State University
MLS (Library Science) Indiana University

Becky Arnold, 2013
Instructor of Nursing
ASN (Nursing), Walter State Community College
BSN (Nursing), King College
MSN (Nursing), King College

Darnell Arnoult, 2010
Writer in Residence
Assistant Professor of English
BA (American Studies), University of North Carolina–Chapel Hill
MA (English) North Carolina State University
MFA (Creative Writing), University of Memphis

Philip Ashley, 2015
Associate Professor of Law
BA (Psychology), Rockford College, Rockford, IL
JD, Tulsa University College of Law
LLM (Taxation), New York University School of Law

Mary Beth Babos, 2008
Associate Professor of Pharmacy
BS (Pharmacy), Duquesne University School of Pharmacy
MS (Forensic Toxicology), University of Florida
MS (Pharmaceutical Chemistry), University of Florida
PharmD, Albany College of Pharmacy, Union University

Whitney Bailey, 2012
Clinical Instructor of Athletic Training
Assistant Athletic Trainer
BS (Athletic Training), Georgia College and State University
MEd (Kinesiology), Georgia College and State University

Tammy Barnes, 2013
Assistant Professor of Education
BS (Educational and Psychology), East Tennessee State University
MEd (Educational Technology and Media), East Tennessee State University
EdD (Educational Leadership and Policy Analysis), East Tennessee State University

Casey Bassett, 2012
Associate Professor of Anatomy/Histology
Associate Dean of Students for Medical Programs
BS (Chemistry), Tennessen Technological University
PhD (Pathology), Vanderbilt University

Kristy L. Bay, 2013
Instructor of Religion
Executive Assistant for Academic Affairs
BA (French), Belmont University
BA (Commercial Music), Belmont University
MDiv (Academic Research), McAfee School of Theology-Mercer University

Sydney Beckman, 2008
Professor of Law
BA (Psychology), Stephen F. Austin University
JD, Baylor School of Law

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Instructor of Nursing
BSN (Nursing), University of Tennessee-Knoxville
MSN (Nursing), University of Tennessee-Knoxville
Post Master’s certificate (FNP), East Tennessee State University
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Instructor of Nursing  
ASN (Nursing), Lincoln Memorial University  
BSN (Nursing), Eastern Kentucky University  
MSN (Nursing Education), University of Phoenix

Bruce Beverly, 2009  
Associate Professor of Law  
BA, State University of New York at Buffalo  
JD, Ohio Northern University

Teresa Bicknell, 2003  
Associate Professor of Education  
Associate Dean, School of Education  
BS (Elementary Education), University of Tennessee–Knoxville  
MA (Administration and Supervision), Tennessee Technological University  
EdS (Administration and Supervision), Tennessee Technological University  
EdD (Administration and Supervision), Tennessee State University

Sandra Boggs, 2012  
Assistant Professor of Medical Laboratory Science  
AS, Southeast Community College  
BS (Medical Technology), Lincoln Memorial University  
MS (Medical Laboratory Science) University of North Dakota

Joshua Boone, 2013  
Assistant Professor of Mathematics  
BS (Mathematics), Southern Illinois University-Carbondale  
MS (Mathematics), Southern Illinois University-Carbondale  
PhD (Mathematics), Southern Illinois University-Carbondale

Ted Booth, 2012  
Instructor of History and Religion  
Director of Academic Support  
BA (History), Milligan College  
MSSW (Social Work), University of Tennessee-Knoxville  
MA (Historical Theology and Religion), Emmanuel Christian Seminary  
PhD (History), University of Tennessee-Knoxville

Megan Boring, 2010  
Instructor of Nursing  
BSN (Nursing), University of Tennessee-Knoxville  
MSN (Nursing), University of Tennessee-Knoxville

Rebecca Bowden, 2016  
Assistant Dean, Clinical Assessment & IPE  
Professor of Immunology  
BS (Biology), University of Central Florida  
MS (Zoology), University of South Florida  
MS (Medical Sciences), University of South Florida  
PhD (Medical Sciences), University of South Florida College of Medicine

Marilyn Bowman-Hayes, 2015  
Director of CSON Online Learning  
Instructor of Nursing  
AA (Nursing), Kansas City Kansas Community College  
BBA (Business), Saint Mary College  
BSN (Nursing), Saint Mary College  
MSN (Nursing), University of Colorado  
MBA (Business), MidAmerica Nazarene University

Rebecca Brackmann, 2006  
Associate Professor of English  
BA (English), Illinois Wesleyan University  
MA (English), University of Illinois Urbana-Champaign  
PhD (English), University of Illinois Urbana-Champaign

Deborah Brickner, 2016  
Assistant Professor of Nursing  
BSN (Nursing), New York University  
MSN (Midwifery), Columbia University  
FNP, Frontier Nursing University  
DNP, Frontier Nursing University

Michael Brooks, 2015  
Academic Support Coordinator  
Instructor of Religion, Education  
BA (Pastoral Ministry), Clear Creek Baptist Bible College  
MREd (Religious Education), Liberty Baptist Theological Seminary  
MDiv (Professional Ministries), Liberty Baptist Theological Seminary  
EdD (Educational Leadership), Union University

Robin Brooks, 2014  
Instructor of Nursing  
AAS (Nursing), Grayson County College  
BSN (Nursing), University of Texas  
MSN (Nursing), University of Texas

Benjamin Brown, 2009  
Assistant Professor of Education  
BA (History/Mathematics), David Lipscomb University  
MA (Mathematics), Middle Tennessee State University  
PhD (Educational Administration and Supervision), University of Florida

Juanita Brown, 2014  
Assistant Professor of OMM  
ASN (Nursing), Vermont College  
BS (Biology), Florida Southern University  
DO, NOVA Southwestern College of Osteopathic Medicine

Sheri Browning, 2015  
Assistant Professor of Psychology  
BA (Biology and Psychology), University of Virginia  
PhD (Psychology), University of Tennessee-Knoxville
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Instructor of Nursing
ADN (Nursing), Western Oklahoma State College
BSN (Nursing), Chamberlain College
MSN (Nursing), University of Alabama-Birmingham

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Assistant Professor of Social Work
BSW (Social Work), Oakwood College
MSW (Clinical Social Work), University of Central Florida
PhD (Human Services and Management of Non-Profit Agencies), Capella University

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Director, EdD Program
Assistant Professor of Education
BS (Special Education), Southern Illinois University
MED (Guidance and Counseling), Colorado State University
CAS (Educational Administration), Drake University
PhD (Educational Administration), Iowa State University

Michael Burger, 2011
Assistant Professor of Education
BA (Chemistry), Hastings College
MED (Educational Administration), University of Nebraska-Lincoln
EdD (Educational Administration, Curriculum and Instruction), University of Nebraska-Lincoln

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Assistant Professor of Education
BS (Elementary Education), East Tennessee State University
MED (Special Education), East Tennessee State University
EdD (Special Education), University of Kentucky

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Associate Professor of Pathology
BS (Chemistry), Mars Hill College
MD, Medical University of South Carolina

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Assistant Professor of Education
BS (Special Education), University of Tennessee-Knoxville
MS (Special Education), University of Tennessee-Knoxville
EdD (Curriculum and Instruction), University of Tennessee-Knoxville

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Assistant Dean, Undergraduate Programs, Business
Assistant Professor of Business
BS (Business Education), Radford University
MS (Management Information System), Bowie State University
PhD (Occupational/Technical Studies), Old Dominion University

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Professor of Nursing
Professional Nursing Diploma, Roanoke Memorial Hospital
School of Nursing
BSN (Nursing), East Tennessee State University
MSN (Nursing), University of Virginia
PhD (Nursing), Boston College

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Assistant Professor of Education
BA (Interdisciplinary Studies), Virginia Intermont College
MED (Administration and Supervision), Lincoln Memorial University
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Assistant Professor of Clinical Psychology
BS (Biology), University of the South
MS (Veterinary Pathology), Texas A&M University
DVM, University of Tennessee-Knoxville

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Assistant Professor of Veterinary Medicine
BS (Biomedical Sciences), Auburn University
PhD (Biomedical and Veterinary Sciences), Virginia Tech
DVM (Veterinary Medicine), Université de Liège

Sondra Chumley, 2011
Instructor of Nursing
BSN (Nursing), Lincoln Memorial University
MSN (Nursing), University of Tennessee-Knoxville

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Assistant Professor of Foreign Language
BA (Foreign Language), Nice University–France
MA (Foreign Language), Nice University–France
PhD (Modern Foreign Language), University of Tennessee-Knoxville

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Assistant Professor of Mathematics
BS (Mathematics), Lee College
MS (Applied Mathematics), University of Tennessee-Knoxville
PhD (Mathematics), University of Tennessee-Knoxville

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Associate Professor of Education
AA (Elementary Education), Lindsey Wilson College
BS (Behavioral Science), Trevecca Nazarene University
MED (Elementary Education, Curriculum and Instruction), Trevecca Nazarene University
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Assistant Professor of Psychiatry
BS (Biology), University of Kentucky
MD (Medicine), University of Kentucky

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Instructor of Nursing
Diploma (Registered Nurse), St. Mary’s School of Nursing, Knoxville, TN
BSN (Nursing), King College
MSN (Nursing Education), King College

Clarence Colle, 2010
Professor of Microbiology
Assistant Dean of Academic Affairs/Basic Medicine Science
BS (Geology), Mount Union College, Alliance, OH
PhD, Louisiana State University Health Sciences Center

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Assistant Professor of Education
BS (Education), Lincoln Memorial University
MEd (Educational Administration Supervision), Lincoln Memorial University
EdD (Educational Leadership), East Tennessee State University

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Associate Professor of Education
BS (Education), University of Tennessee-Knoxville
MS (Special Education), University of Tennessee-Knoxville
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Assistant Professor of Anatomy
MS (Veterinary Science), Oregon State University
DVM (Veterinary Medicine), Santo Tomás University

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Instructor of Nursing
ASN (Nursing), Jackson State Community College
BSN (Nursing), University of Tennessee at Martin
MSN (Nursing), University of Alabama Birmingham
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Assistant Professor of Education
BS (Social Studies Secondary Education), University of Tennessee-Knoxville
MS (Special Education), University of Tennessee-Knoxville
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Instructor of Music
BM (Music-Instrumental Performance), University of Miami
MM (Music-Instrumental Performance), University of Miami

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Assistant Professor of Physics
BS (Physics), Morehead State University
MS (Experimental Nuclear Physics), Ohio University
PhD (Experimental Particle Physics), Ohio University

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Assistant Professor of Education
Special Education Program Director
BFA (Fine Arts), Brigham Young
MFA (Fine Arts), Virginia Common Wealth University
MSEd (Special Education), Old Dominion University
PhD (Special Education), Vanderbilt University

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Program Director, Philosophy & Religion
Assistant Professor of Philosophy & Religion
BA (Sociology), University of Southern Mississippi
MDiv., Southwestern Baptist Theological Seminary
MA (Philosophy), University of Arkansas
PhD (Philosophy), University of Arkansas

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Program Director, Philosophy & Religion
Assistant Professor of Philosophy & Religion
BS (Mathematics), SUNY Rockland Community College
BA (Biological Sciences), Binghamton University
PhD (Biological Sciences), Binghamton University

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Associate Professor of Mathematics
BS (Secondary Education/Mathematics), Bloomsburg University of Pennsylvania
MS (Mathematics), Shippensburg University of Pennsylvania
DA (Mathematics), Idaho State University

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Professor of Theriogenology
Associate Dean for CVM Academic Affairs
BS (Animal Bioscience), Pennsylvania State University
VMD, Pennsylvania State University

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Instructor of Nursing
BSN (Nursing), University of Tennessee-Knoxville
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Professor of Education
Program Director, EdD Program
BM (Music education), Carson-Newman College
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Instructor of Nursing  
BSN (Nursing), University of Tennessee-Knoxville  
MSN (Nursing), Saint Joseph’s College

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Assistant Professor of Criminology & Criminal Justice  
BSE (Electrical Engineering), University of Michigan-Dearborn  
MSA (Business Administration), Madonna University, Michigan  
PhD (Public Safety), Capella University

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Associate Professor of Nursing  
BSN (Nursing), University of Tennessee-Knoxville  
MSN (Nursing), University of Tennessee-Knoxville  
DNP (Nursing Administration), Samford University

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Professor of English and American Studies  
BA (Political Science and Sociology), University of Mississippi  
MFA (Creative Writing), University of Alabama  
DA (English), University of Mississippi

Jacques Debrot, 2004  
Associate Professor of English  
Chair, Department of Literature and Language  
BA (English and American Literature and Language), City College (The City University), New York  
MA (English and American Literature and Language), Harvard University  
PhD (English and American Literature and Language), Harvard University

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Associate Professor of Family Medicine  
BS (Biology), University of North Carolina, Chapel Hill  
DO, University of Health Sciences College of Osteopathic Medicine, Kansas

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Academic Support Associate  
Instructor of Public Administration  
BA (Political Science), University of Tennessee-Knoxville  
MPA (Public Administration), East Tennessee State University  
PhD (Public Policy and Administration), Mississippi State University

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Instructor of Anatomy  
BA (Anthropology), University of Tennessee-Knoxville  
MA (Forensic Anthropology), University of Montana  
PhD (Anthropology), University of Tennessee-Knoxville

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Professor of Nursing  
BSN (Nursing), Indiana University of Nursing  
MSN (Nursing), University of Tennessee-Knoxville  
Post-Masters Certificate (FNP), Carson Newman College  
PhD (Nursing), University of Tennessee-Knoxville

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Assistant Professor of Veterinary Medicine  
BSA (Animal Science), University of Georgia  
MS (Comparative and Veterinary Medicine), Ohio State University  
DVM, University of Georgia College of Veterinary Medicine

Steven Edwards, 2005  
Assistant Professor of Medical Laboratory Science  
BS (Medical Technology), Lincoln Memorial University  
MS (Clinical Laboratory Science), University of North Dakota

Joel David Effler, 2011  
Assistant Professor of Education  
BA (Psychology), University of Tennessee  
MA (Clinical Psychology), Appalachian State University  
PhD (Education), University of Tennessee-Knoxville

Joan Eiffe, 1992  
Assistant Professor of Nursing  
BSN (Nursing), East Tennessee State University  
MSN (Nursing), Saint Joseph’s College

Jami England, 2014  
Instructor of Nursing, Clinical Facilitator  
ASN (Nursing), Lincoln Memorial University  
BSN (Nursing), University of Tennessee-Knoxville  
MSN (Nursing), Vanderbilt University

Billy Joe Engle, 2003  
Associate Professor of Medical Laboratory Science  
Chair, Department of Medical Laboratory Science  
BHS (Medical Technology), University of Kentucky  
MS (Clinical Laboratory Science), University of North Dakota  
MA (Theology), Emmanuel Baptist University  
ThD (Theology), Emmanuel Baptist University  
DDiv (Divinity), Emmanuel Baptist University

Randall K. Evans, 1989  
Associate Dean, Veterinary Medicine  
Professor of Veterinary Medicine  
Chief Operating Officer, College of Veterinary Medicine  
DVM (Veterinary Medicine), Auburn University

Stephen C. Everly, 2003  
Associate Professor of Chemistry  
Chair, Department of Chemistry and Physics  
BS (Chemistry), United States Naval Academy  
PhD (Chemistry), University of Idaho
Jacob Fait, 2014
Assistant Dean, Graduate Programs, Business
Assistant Professor of Business
BS (Business Administration), Duquesne University,
MBA (International Business), Duquesne University
PhD (Organizational Learning and Leadership), Gannon University

Mohamed Faizer, 2012
Assistant Professor of Law
BA, McGill University
JD, University of Notre Dame Law School

Charles Faulkner, 2011
Associate Professor of Veterinary Medicine (Parasitology)
Enrollment Information and Assessments Coordinator, CVM
BA (Anthropology), University of Tennessee-Knoxville
MA (Anthropology), University of Tennessee-Knoxville
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Associate Professor of Veterinary Medicine (Virology)
BS (Biology), Mt. Senario College
MS (Biology), University of Wisconsin-Eau Claire
PhD (Comparative and Experimental Medicine), University of Tennessee–Knoxville

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Assistant Professor of Nursing
Director, Family Nurse Practitioner Concentration
AS (General Studies) Walter State Community College
BSN (Nursing), East Tennessee State University
MSN (Nursing), East Tennessee State University
DNP (Nursing), University of Tennessee Health Science Center

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Professor of Physiology
BGS (General Studies), University of Kentucky
PhD (Physiology and Biophysics), University of Kentucky

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Instructor of Nursing
ASN (Nursing), Lincoln Memorial University
BSN (Nursing), King University
MSN (Nursing), King University
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Instructor of Nursing
BA (Pediatric Psychology), East Tennessee State University
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Assistant Professor of Biochemistry
AS (Biology), Columbus State Community College
BS (Biochemistry), Ohio State University
PhD (Biochemistry), Ohio State University

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Instructor of Nursing
ASN (Nursing), Lincoln Memorial University
BSN (Nursing), Lincoln Memorial University
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Assistant Professor of Biology
BS (Environmental Health), East Tennessee University
MS (Biology), University South Dakota
PhD (Evolutionary Biology) University of Tennessee-Knoxville

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AS (Elementary Education), Roane State Community College,
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BS (Multidisciplinary Studies), Tennessee Technological University
MS (Education), Tennessee Technological University
EdS (Education), Tennessee Technological University
PhD (Education), University of Tennessee-Knoxville

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Assistant Professor of Anatomy
AA (Pre-Physical Therapy), University of Florida
BS (Physical Therapy), Medical College of Georgia
MS (Anatomy), Medical College of Georgia
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Assistant Professor of Art
BFA (Painting & Drawing), Ohio State University
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Visiting Assistant Professor of Law
BA (English Literature), University of Tennessee-Knoxville
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Assistant Professor of Geography
BA (Geography), Political Science), Concord University
MA (Geography), Ohio University
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Assistant Professor of Psychology
BA (Psychology), Florida Atlantic University
MA (Psychology), Florida Atlantic University
PhD (Cognitive/Experimental Psychology), Florida Atlantic University

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Veterinarian-VHST
BA (Biology), Maryville College
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Instructor of Education
BA (History Education), Lincoln Memorial University
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Assistant Professor of Management
BBA (Accounting), Lincoln Memorial University
MBA (Business Administration), Lincoln Memorial University
MAcc (Accounting), Golden Gate University

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Coordinator, ADA Services
Instructor of Psychology
BS (Psychology), University of Maryland
MEd (Counseling and Guidance), Lincoln Memorial University
MBA Lincoln Memorial University
EdD (Counseling Psychology), Argosy University

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Instructor of Nursing
AAS ((Nursing), St. Clair County Community College
BSN (Nursing), Kaplan University
MSN (Nurse Educator Track), Liberty University

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Head Athletic Trainer
BS (Athletic Training), Lincoln Memorial University
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Assistant Professor of Molecular/Cellular Biology
BS (Microbiology and Molecular Cell Sciences), University of Memphis
PhD (Biomedical Sciences), University of Massachusetts Medical School

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Assistant Professor of Biochemistry
Bachelors, Dokuz Eylul University, Turkey
Masters, Dokuz Eylul University, Turkey
PhD (Biochemistry), The Medical College of Wisconsin

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Assistant Professor of Political Science
BA (Political Science), Christopher Newport University, Virginia

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Assistant Professor of Molecular Biology
BS (Biotechnology), Elizabethtown College
PhD (Biology), University of North Carolina-Chapel Hill

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Assistant Professor of Social Work
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BS (Business Administration), Tusculum College
MSW (Social Work), Virginia Commonwealth University
DBH (Behavioral Health), Arizona State University

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Assistant Professor of Education
BS (Music Education), Tennessee Technological University
MS (Education Administration and Supervision), University of Tennessee-Knoxville
EdD (Counseling Psychology Enrollment), Argosy University-Sarasota

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Instructor of Nursing
LPN (Nursing), Jacksboro Area Vocational School
AAS (Nursing), Excelsior College
BSN (Nursing), King College
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Assistant Professor of Biochemistry and Molecular Biology
BS (Biology), Northern Arizona University
PhD (Biochemistry and Molecular Biology), East Carolina University

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BA (History), Lincoln Memorial University
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Associate Professor of History
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BA (History), Southeast Missouri State University
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PhD (American Studies), Purdue University

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Assistant Professor of Business
BS (Engineering Sciences), Washington University, St. Louis
MS (Applied Math & Computer Science), Washington University, St. Louis
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Instructor of Nursing  
AAS (Respiratory Therapy), Houston Community College  
BSN (Nursing), University of Louisiana--Monroe  
MS (Biological Secondary and Higher Education), Texas A&M  
MSN (Nursing-FNP), University of Mississippi Medical Center

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Assistant Professor of Biology, Anatomy, & Physiology  
BS (Biology, Chemistry), University of Texas- Brownsville  
MD (Medicine), University of Texas Health Science Center, Houston

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Director, PA Program  
Associate Professor of PA Studies  
BS (Physician Assistant Studies), University of Texas Medical Branch, Galveston  
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Assistant Professor of Biology  
BS (Microbiology), East Tennessee State University  
MS (Microbiology), East Tennessee State University  
PhD (Biomedical Sciences), East Tennessee State University

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Professor of Veterinary Medicine  
BS (Agriculture), Ohio State University  
MS, Ohio State University  
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Assistant Professor of Management  
BS (Business Administration), Lincoln Memorial University  
MA (Human Relations/Management), Webster College  
DBA (Business Administration), Nova Southeastern University

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Professor of History  
The Abraham Lincoln Historian  
BA (History and Philosophy), Mercer University  
MA (History), Middle Tennessee State University  
PhD (History), University of Tennessee-Knoxville

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Assistant Professor of PA Studies  
Director of Didactic Education  
BS (Physician Assistant Studies), Pennsylvania College of Technology  
MS (Emergency Medicine), Alderson Broaddus College, Philippi, WV

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Instructor of Nursing  
ASN (Nursing), Lincoln Memorial University  
BSN (Nursing), Eastern Kentucky University  
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Dean, School of Business  
Professor of Leadership & Education Policy  
BS (Comprehensive Business Education & Management), University of Pikeville  
MS (Educational Leadership), Indiana University  
EdD (Higher Education Leadership and Policy), Morehead State University

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Associate Professor of Law  
BA (English), Lincoln Memorial University  
JD, Samford University- Cumberland School of Law

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Dean, School of Mathematics and Sciences  
Professor of Biology  
BS (Biology), Friends University  
PhD (Plant Pathology), University of Florida

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Dean, College of Veterinary Medicine  
Associate Professor of Veterinary Medicine  
MS (Biomedical Sciences), Auburn University  
DVM (Veterinary Medicine), Auburn University

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BS (Animal and Dairy Science), Auburn University  
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Instructor of Nursing  
LPN (Nursing), Cumberland Valley Health Occupations  
AAS (Business), Southeast Community College  
ASN (Nursing), Walters State Community College  
BSN (Nursing), Excelsior College  
MSN (Nursing), Walden University

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Assistant Professor of Business  
BA (American Studies), Williams College  
MBA (Management), Harvard Business School  
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BS (Biology), Saint Vincent College  
DO, Lake Erie College of Osteopathic Medicine
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MBBS, APS University, Rewa, India
MS (Kinesiology), Texas A&M University
MPH (Environmental Health), Texas A&M University
PhD (Kinesiology), Texas A&M University

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BS (Biology), San Diego State University
MS (Biochemistry), LSU Medical Center
PhD (Biochemistry) University of North Texas

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Chair, Fine Arts and Communication Department
Assistant Professor of Music
BM (Piano Performance), Tennessee Tech
MM (Piano Performance), University of Tennessee-Knoxville
DMA (Piano Performance), Louisiana State University

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Associate Professor of Clinical Medicine
BA (English Literature), Michigan State University
DO, Michigan State University-College of Osteopathic Medicine
JD, University of Miami-School of Law

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Assistant Professor of Chemistry
BS (Chemistry), Murdoch University- Australia
PhD (Chemistry), Australian National University

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Instructor of Nursing
BSN (Nursing), Wright State University
MSN (Nursing), University of Cincinnati
FNP (Nursing), University of Tennessee at Knoxville

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BS (Biology), Bluefield College
MS (Animal and Food Sciences), University of Kentucky
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Assistant Professor of Anatomy
AA (Anthropology), College of Lake County, Grayslake, IL
BS (Anthropology), Northern Illinois University
MS (Human Biology), University of Indianapolis
PhD (Anthropology), The Ohio State University

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Assistant Professor of Physician Assistant Studies
BGS (Health and Physical Education), Ball State University
MPH (Health Promotion and Health Education), University of Toledo

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Professor of Physiology
BSc. (Biology), York University, Canada
MSc. (Biology), York University, Canada
PhD (Biology), York University, Canada

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Associate Professor of Anatomy
BA (Anthropology), Louisiana State University and A&M College
MA (Anthropology), Louisiana State University and A&M College
PhD (Anthropology), University of Tennessee-Knoxville

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Assistant Professor of Nursing
AAS (Nursing), Walters State Community College
BSN (Nursing), King College
MSN (Nursing), Duquesne University
DNP (Nursing), Duquesne University

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Instructor, Nurse Anesthesia Program
BSN (Nursing), University of Kentucky
MSN (Nursing Anesthesia), University of Tennessee Health Science Center

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Instructor of Nursing
BSN (Nursing), East Tennessee State University
MSN (Nursing), Vanderbilt University

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Information Services Librarian
BA, Colorado College
MSLS (Library Science), Catholic University
JD, Lincoln Memorial University- Duncan School of Law

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Instructor of Nursing
ASN (Nursing), Lincoln Memorial University
BS (Biology), Lincoln Memorial University
BSN (Nursing), Lincoln Memorial University
MSN (FNP), Lincoln Memorial University

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Assistant Professor of Visual Art
BFA (Ceramics), Minnesota State University- Mankato
MA (Ceramics), Minnesota State University-Mankato
MFA (Ceramics), Kansas State University

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Associate Professor of Education
Chair, Undergraduate Teacher Education
BS (Education), Lincoln Memorial University
BA (English), Lincoln Memorial University
MS (English Education), University of Tennessee-Knoxville
EdD (Curriculum & Instruction), University of Tennessee-
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Associate Dean for Academic Affairs, DSOL
Associate Professor of Law
BA (Public Policy), The College of William & Mary
MPA (Public Administration), Syracuse University
JD, Northwestern University School of Law

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Instructor of Museum Studies
Director, The Abraham Lincoln Library and Museum
BA (History), Spring Arbor College
MAT (Education), Muskingum College
MS (Historic Preservation), Eastern Michigan University

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Assistant Professor of PA Programs
Assistant Professor of Pediatrics
DO, West Virginia School of Osteopathic Medicine

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Assistant Professor of English
BA (English/Poetry, Italian), Northwestern University
MAT (English Education), City College, CUNY
MA (English), University of North Carolina-Chapel Hill
PhD (English), University of North Carolina-Chapel Hill

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Assistant Professor of Music
BM (Music Education), Shenandoah University, Virginia
MM (Wind Conducting), University of Delaware
PhD (Music Education), University of Kansas

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Associate Professor of Business
BA (History), Hofstra University
MBA (Marketing), Fairleigh Dickinson University
PhD (International Studies), University of Miami

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Assistant Professor of Business
BS (Business Administration), Lincoln Memorial University
MBA (Business Administration), Lincoln Memorial University

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Instructor of Nursing
Diploma (Registered Nurse), St. Mary’s School of Nursing
Diploma (Biblical Studies), Liberty University
BSN (Nursing), King College
MSN (Nursing Education), King College

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Instructor of Nursing
BSN (Nursing), University of Tennessee-Knoxville
MSN (Family Nurse Practitioner), Tennessee Technological University

University

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Assistant Professor of PA Studies
BS (Physician Assistant Studies), Jefferson College of Health Sciences
BS (Biology), King College, Bristol, TN
MPAS, Nebraska Medical Center

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Assistant Professor of Theater and Speech
Technology Director, LMU Theater
BA (Drama), Carson-Newman University
MA (Theater), Louisiana Technical University

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Instructor of Nursing
AAS (Nursing), Walters State Community College
BSN (Nursing), King College
MSN (Nursing Administration), King College

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Instructor of Health, Physical Education and Exercise Science
BS (Athletic Training-Physical Education), Lincoln Memorial University
MS (Exercise Science), Arkansas State University

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Instructor of Mathematics
BA (Mathematics), University of Virginian's Commonwealth
MS (Mathematics), East Tennessee State University
MBA (Business Administration), King College

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Associate Professor of Nursing
BSN (Nursing), Vanderbilt University
MSN (Nursing), University of Tennessee-Knoxville

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Instructor of Nursing
AS (Biology), Lincoln Land Community College
ASN (Nursing), Lincoln Memorial University
MSN (Clinical Nurse Specialist/Adult), Vanderbilt University

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Assistant Professor of Physician Assistant Studies
Director of Didactic Education
BS (Biology), Virginia Tech
MHS (Phys. Assistant studies), University of South Alabama

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Instructor of Nursing
BSN (Nursing), Tennessee Wesleyan College
MSN (Nursing), Liberty University
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Vice President for Extended Learning Sites
Dean, Caylor School of Nursing
Professor of Nursing
BSN (Nursing), University of Kansas
MSN (Nursing), Boston University
PhD (Nursing), University of Tennessee-Knoxville

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Assistant Professor of Physician Assistant Studies
Assistant Dean and Program Director Physician Assistant
BS (Biology), King College, Bristol, TN
BS (Health Sciences), James Madison University
MPAS, Nebraska Medical Center

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Assistant Professor of Business
BBA (Business Administration), Lincoln Memorial University
MBA (Business Administration), Lincoln Memorial University

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Professor of Education
Program Director, Curriculum and Instruction Program
BS (Home Economics), Berea College
MS (Guidance and Counseling Secondary), Radford University
EdD (Curriculum and Instruction), University of Sarasota

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Instructor of Veterinary Anatomy
DVM, North Carolina State University

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Teaching Trainee
MS (Health Promotion), University of Mississippi
MD, Vitebsk State Medical University, Republic of Belarus
PhD (Health Behavior and Promotion), University of Mississippi

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Assistant Professor of History
Program Director
BA (History and Dramatic Arts), Centre College
MA (History), Florida State University
PhD (History), Florida State University

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Instructor of Learning Resources
Electronic Resources Librarian
BA (Writing and Communication), Maryville College
MS (Information Sciences), University of Tennessee-Knoxville
EdS (Educational Administration and Supervision), Lincoln Memorial University

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Instructor of Mathematics
BS (Mathematics), Lincoln Memorial University
MS (Mathematics), Eastern Kentucky University

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Assistant Professor of Physician Assistant
BS (Biology), University of Kentucky
MPAS, University of Kentucky

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Associate Professor of Education
BS (Elementary Education), University of Alabama
MA (Educational Administration), University of Alabama
EdD (Educational Administration), University of Alabama

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Instructor of Nursing
ASN (Nursing), Lincoln Memorial University
BSN (Nursing), Lincoln Memorial University
MSN (Nursing-FNP), Lincoln Memorial University

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Associate Professor of Nursing
Assistant Director, Nurse Anesthesia Concentration
ASN (Nursing), Southwest Virginia Community College
BSN (Nursing) University of Virginia’s College at Wise
MSNA (Nurse Anesthesia), Virginia Commonwealth University
DNAP (Nurse Anesthesia), Virginia Commonwealth University

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Director of Career Services
Instructor of Education
BA (Sociology), East Tennessee State University
MS (Counseling in Higher Education), East Tennessee State University
EdD (Educational Leadership and Policy Analysis), East Tennessee State University

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Visiting Associate Professor of Law
BA (Journalism), Oklahoma Baptist University
JD, University of Oklahoma

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Professor of Law
BA, Howard University
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Professor of Physiology
BS (Biology), Providence College, RI
MS (Anatomy and Physiology), Kansas State University
PhD (Physiology), Kansas State University
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Director, Masters of Business Analytics  
Assistant Professor of Analytics  
BS (Business Administration), University of Tennessee-Knoxville  
MS (Statistics), University of Tennessee-Knoxville  
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Professor of Social Work  
Chair, Department of Social Work  
BA (Anthropology), University of Georgia  
MSLS (Library Science), University of Tennessee-Knoxville  
MS (Adult Education), University of Tennessee-Knoxville  
MSSW (Social Work), University of Tennessee-Knoxville  
PhD (Social Work), University of Tennessee-Knoxville

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Assistant Professor of Nursing  
BSN (Nursing), University of Kentucky  
MSN (Nursing), University of Phoenix

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Professor of Health, Physical Education and Exercise Science  
Chair, Department of Health, Physical Education and Exercise Science  
BS (Health and Physical Education), Berry College  
MA Ed (Physical Education), University of North Alabama  
PhD (Physical Education), University of South Carolina

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Assistant Professor of Clinical Medicine  
Director of Sports Medicine  
BS (Exercise Physiology), West Virginia University  
DO, West Virginia School of Osteopathic Medicine

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Assistant Professor of Nursing  
BSN (Nursing), University of Tennessee-Knoxville  
MSN (Nursing Administration), Vanderbilt University

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Assistant Professor of Pathology  
BA (Molecular Biology), Wayne State University  
MS (Molecular Biology), Wayne State University  
DVM (Veterinary Medicine), Michigan State University

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Assistant Professor of Veterinary Science  
Veternarian-VHST  
BA (Anthropology), University of Tennessee-Knoxville  
BS (Biological Sciences), University of Tennessee-Knoxville  
MPH (Public Health), University of Tennessee-Knoxville  
DVM (Veterinary Medicine), University of Tennessee-Knoxville

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Instructor of Nursing  
BSN (Nursing), University of Tennessee-Knoxville  
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Assistant Professor of Chemistry  
BS (Chemistry), West Virginia Wesleyan College  
PhD (Chemistry), University of Tennessee-Knoxville

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Professor of Nursing  
Director, Psychiatric Mental Health Nurse Practitioner Concentration  
ADN (Nursing), Gadsden State University  
BSN (Nursing), Jacksonville State University  
MSN (Family Nurse Practitioner), Mississippi University for Women  
PhD (Educational Psychology), Mississippi State University

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Instructor of Nursing  
BSN (Nursing), Louisiana State University  
MSN (Nursing Education), East Tennessee State University

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Instructor of Nursing  
ASN (Nursing), University of West Alabama  
BSN (Nursing), South University  
MSN (Nursing Education), South University  
PhD (Nursing Education & Administration)- William Carey University

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Instructor of Nursing  
ASN (Nursing), Angelo State University  
BSN (Nursing), Angelo State University  
MSN (Nursing), Kaplan University

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Associate Professor of Law  
BBA (Management), University of Notre Dame  
MA (Spanish), Middlebury College  
JD, University of Notre Dame

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Instructor of Learning Resources  
Information Literacy Librarian  
BA (English), Lincoln Memorial University  
MA (English), Clemson University  
MS (Information Sciences), University of Tennessee-Knoxville

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Instructor of Nursing  
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BSN (Nursing), East Tennessee State University  
MSN (Nursing/Healthcare Education), University of
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Professor of Vet Med
BS (Animal Science), Oklahoma State University
DVM, Oklahoma State University
PhD (Veterinary Science), Washington State University

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Director, Cumberland Mountain Research Center
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Associate Professor of Biology
BS (Biology), Fairmont State University
MS (Forestry), West Virginia University
PhD (Biology), University of Arkansas

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Professor of Law
BA, Brigham Young University
MLS (Library Science), Brigham Young University
LLB (Law), University of Western Ontario
MBA (Business), Lincoln Memorial University
JD, University of New Mexico

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Associate Professor of History
BA (History), Illinois Benedictine College
MA (History), Northern Illinois University
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Associate Professor of Law
BA, Yale University
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ASN (Nursing), Lincoln Memorial University
BSN (Nursing), East Tennessee State University
MSN (Family Nurse Practitioner), Lincoln Memorial University
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Assistant Professor of Computer Information Systems
BS (Biology/Chemistry), Lincoln Memorial University
MS (Management and Information Systems), Nova Southeastern University
EdS (Curriculum and Instruction), Lincoln Memorial University
EdD (Educational Leadership), East Tennessee State University

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Dean, School of Arts, Humanities, and Social Sciences
Professor of Government
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BS (Biology, Secondary Education), Tusculum College
MEd (Educational Administration & Supervision), East Tennessee State University
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Assistant Professor of Physician Assistant Programs
Assistant Professor of Pediatrics
AS, Southeast Community College
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BS (Medical Technology), Lincoln Memorial University
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BS (Interdisciplinary Studies, Biochemistry and Molecular Biology), University of Florida
MD (Medicine), University of Florida College of Medicine

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Instructor of Criminology and Criminal Justice
BA (Government), New Mexico State University
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MS (Criminal Justice), New Mexico State University

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BA (Sociology), University of Pennsylvania
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AAS (Nursing), Farmingdale State College
AS (Dental Hygiene), Farmingdale State College
BSN (Nursing), Adelphi University
MSN (Nursing), Walden University

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Assistant Professor of Education
BS (Secondary Education), Cumberland College
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EdD (Educational Leadership), University of the Cumberlands

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BS (Computer Science), Nova Southeastern University
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BSN (Nursing), Eastern Kentucky University
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ASN (Nursing), Mountain Empire Community College
BSN (Nursing), Radford University
MSN (Nursing), George Mason University
PhD (Nursing), Frontier School of Midwifery and Family Nursing

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Attending Veterinarian
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BS (Zoology), The Ohio State University
MS (Environmental Biology), The Ohio State University
MS (Physiology), The Ohio State University
PhD (Physiology), The Ohio State University
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BS (Secondary Education), Auburn University
MEd (Administration and Supervision), Georgia State University
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PhD (Education), Georgia State University

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BS (Mathematics), Lincoln Memorial University
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Professor of Preventive Medicine
BS (Mathematics), California State Polytechnic College
MA (Curriculum Development), Michigan State University
MPH, Harvard School of Public Health
PhD (Philosophy and Statistics), Michigan State University
DO, Michigan State University

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BA (Speech/Hearing Therapy), University of Southwestern Louisiana
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BA (History, Classical Archaeology), University of Michigan  
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BS (Biological Sciences), Indiana State University
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FACULTY EMERITUS

In 2007, Lincoln Memorial University began awarding Faculty Emeritus status to recognize significant contributions of distinguished former faculty members.

Dr. Fred Bedelle, Dean Emeritus of School of Education
Dr. John E. Copeland, Professor Emeritus of Biology
Dr. John C. Irvine, Professor Emeritus of Humanities
Dr. Okie Wolfe, Professor Emeritus of Education

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The Aycrigg Distinguished Professor in Humanities

Dr. Mary Anne Modrcin
The Vianna Hillman Caylor Distinguished Professor in Nursing

Dr. Stephen C. Everly
The Dishner Distinguished Professor in Chemistry

Dr. Earl J. Hess
The Stewart McClelland Distinguished Professor in History
Alma Mater

May the tender love of our namesake
dwell in our hearts forever and aye,
To inspire in us deeds of loyalty
to the Blue and Gray.

May we live the truth that his life can tell
so his mem’ry we’ll ne’er betray,
Everlasting will be our loyalty
to the Blue and Gray.

Proudly we sing to thee,
Honor we’ll bring to thee,
To thee, Blue and Gray.
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2016-2017
Updates

8/22/16 - Added appropriate information for Chemical Physics (BS) degree program of study and Chemical Physics Secondary Teacher Licensure degree program of study. (p.65)

8/22/16 - Added PHYS 320 Modern Physics (p.119)

8/22/16 - Added PHYS 350 (p.119)

10/12/16 - updated semester offerings for REL classes (p. 120)
Errata

8/22/16- MGMT 310 and MGMT 330 course descriptions were flipped (p. 107)

10/12/16- updated POLS 240 and 250 to be Gen Ed classes; not POLS 212 and 320 (p. 37)

1/11/17- corrected number of combined Independent/Directed Study hours possible to 12 credit hours (p. 32)

1/11/17- corrected section C. Writing (p. 52) to have 400-level course numbers (ENGL 363/463, ENGL 373/473, and ENGL 383/483) and English Electives to total 6 cr hrs (p. 52).

3/9/2017- clarified the Standards of Academic Progress (pg. 25-26)