

LINCOLN MEMORIAL UNIVERSITY

CATALOG 2014-2015

Harrogate, Tennessee
Vol. LXXXVII August 2014
www.lmunet.edu

This edition of the *Catalog*, is effective August 1, 2014. For more detailed information about the University's graduate professional degree programs or undergraduate degree completion program in Management and Leadership Studies, 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, LMU 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.

LMU 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 LMU shall, on the basis of age, color, creed, disability, ethnic/national origin, gender, military status, pregnancy, race, religion, sexual orientation, or any other class protected by applicable law, be excluded from participating in, or be denied benefits of, any employment or educational opportunity.

ACCREDITATION

LMU is accredited by the **Commission on Colleges of the Southern Association of Colleges and Schools** 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.
- Accreditation Review Commission on Education for the Physician Assistant, Inc.
- Accrediting Council for Business Schools & Programs
- American Osteopathic Association—Commission on Osteopathic College Accreditation
- American Veterinary Medical Association – Council on Veterinary Technology Education and Activities
- Commission on Accreditation of Athletic Training Education
- Council for Accreditation of Counseling and Related Educational Programs
- Council on Accreditation of Nurse Anesthesia Educational Programs
- Council on Social Work Education
- National Accrediting Agency for Clinical Laboratory Sciences
- National Council for Accreditation of Teacher Education

Individual program approval has been granted by:

- Kentucky Board of Nursing
- Kentucky Council on Postsecondary Education
- State of Tennessee Department of Education
- Tennessee Board of Law Examiners
- Tennessee Board of Nursing
- Tennessee Higher Education Commission

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
Gary J. Burchett.....	1981-1991
Scott D. Miller.....	1991-1997
R. Martin Peters.....	1997-1998
Jerry C. Bishop.....	1998-2001
Nancy B. Moody.....	2002-2009
C. Warren Neel.....	2009-2010
B. James Dawson.....	2010-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
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 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 Collegiate Registrars and Admissions Officers
Southeastern Museums Conference
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 2014-2015

Official University Holidays (Offices closed/no classes):

2014: September 1; November 27-28; December 25-31

2015: January 1; April 3; May 25 and July 4

Faculty/Staff Conference Week: August 11 - 15, 2014

Fall Semester 2014

Final Registration before classes begin	August 15
New Student Survival Weekend.....	August 16
Matriculation Ceremony (11 a.m.).....	August 16
Residence halls open (8 a.m.).....	August 17
Classes begin.....	August 18
Last day to complete registration/add classes.....	August 27
Labor Day (no classes, residence halls remain open).....	September 1
Convocation (9:30 a.m. in session classes & resident students)	September 16
Last day to drop course without “WD”	September 16
Homecoming (classes held as scheduled)	October 9-11
Mid-term	October 13-17
Fall Break.....	October 20-21
Last day to drop course without “F”	October 24
Early registration begins	October 27
Thanksgiving holiday (no classes)	November 27-28
Residence halls open (1 p.m.)	November 30
Classes end.....	December 5
Final exams	December 8-12
Commencement (11 a.m.)	December 13
Residence halls close (2 p.m.).....	December 13

Spring Semester 2015

Final Registration before classes begin	January 9
Residence halls open (8 a.m.).....	January 11
Classes begin.....	January 12
Martin Luther King Day (special activities).....	January 19
Last day to complete registration/add classes.....	January 21
Last day to drop course without “WD”	February 10
Lincoln Day/Founders Day (special activities)	February 12
Convocation (9:30 a.m. in session classes & resident students)	February 17
Mid-term	March 2-6
Last day to drop course without “F”	March 20
Early registration begins	March 23
Residence halls close (5 p.m.).....	March 27
Spring break (no classes)	March 30 – April 3
Good Friday	April 3
Residence halls open (1 p.m.)	April 5
Classes end.....	May 1
Final exams	May 4-8
Commencement (6 p.m.).....	May 9
Residence halls close (2 p.m.).....	May 10

Summer Term 2015

Memorial Day (no classes).....	May 25
Independence Day (no classes)	July 4

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

INTRODUCTION

Mission 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 and research opportunities available to students, Lincoln Memorial University seeks to advance life throughout the Appalachian region and beyond through teaching, research, and service.

Revised July 2012; approved by Board of Trustees, November 13, 2012

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 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, 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 youngsters.

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.

Numerous graduates have produced widely-recognized books, dramas and musical compositions. Writers such as James Still, Jesses Stuart, Don West and George Scarbrough are read and studied within the region and across the globe, and the University continues to graduate writers at the forefront of modern literature.

Lincoln Memorial University has enjoyed an outstanding international partnership with the Kanto International Senior High School in Tokyo, Japan. Since 1979, several thousand Kanto students have visited the campus and studied English as a Second Language, along with a curriculum including history, communications, American culture, homestay and various activities.

Harrogate Campus

We cherish the heritage and maintain the rich traditions that have brought us to where we are today, and take pride in Lincoln Memorial University as it grows dynamically and changes to meet the needs of today's students. Students are invited to bring their varied talents, experiences, and aspirations to the University. From such diversity comes the strength of common vision to succeed that marks the LMU student.

The 1,000 acre LMU campus—its grounds, its buildings, its equipment, its human resources—is one of the most strikingly beautiful and functional in the country. Located in a rural setting just 55 miles north of Knoxville, 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 on campus a natural recreational area for enjoying nature. Biking, cross-country trails, hiking, mountain climbing, and camping in the surrounding environs are activities available for all to enjoy. A portion of the Harrogate campus is part of the Daniel Boone Greenway Walking/Biking Trail.

Duke Hall of Citizenship, along with its spacious Sam and Sue Mars Center for Performing Arts, houses several administrative offices, including Academic Affairs, Finance, Information Services, and Human Resources. The Math and Science Building houses the mathematics and natural sciences disciplines of the School of Mathematics and Sciences, and the Caylor School of Nursing. Kresge Hall houses the offices of University Advancement.

Historic Avery Hall is a showpiece of beauty, comfort, and functional design; we proudly boast that its major renovations retained the building's facade of bricks handmade by LMU students when it was first erected in the early 1900's.

In addition to the offices of the faculty of the Departments of English, Humanities and Fine Arts, and Social Sciences of the School of Arts and Humanities, Avery Hall houses classrooms equipped to meet the many purposes of our University.

The Business/Education building was built in 2007 to house the Carter and Moyers School of Education and the School of Business. This building houses faculty offices and state-of-the-art classroom facilities.

The Student Center is the hub for activities as varied as eating meals, playing games, and watching movies. This complex, which houses the World of Wings WOW Restaurant and the dining hall is also home for the University bookstore, maintained for the benefit and convenience of students. The Student Center is home to the Tadge Center for Academic Excellence, Student Support Services Program. Additionally, the Office of the President is located just inside the main entrance to the facility.

DAR-Whitfield Hall houses International Studies, Student Services, Financial Aid, Student Accounts, the Office of the Registrar, and the Office of Admissions.

The state-of-the-art DeBusk College of Osteopathic Medicine (DCOM) building is a four-story, 105,000 square-foot facility equipped with lecture halls, faculty and administrative offices, laboratories, research space, examination rooms and classroom space. The facility houses both the DeBusk College of Osteopathic Medicine and the Physician Assistant Program. The LMU-DCOM facility rivals medical education facilities found at much larger universities throughout the nation.

The Schenck Center for the Health Sciences provides classrooms, offices, laboratories, kennels, and surgical units to support the Veterinary Health Science and Technology (VHS&T) Program. The Phillips' Animal Care and Laboratory Facility houses animals for the VHS&T department and diagnostic laboratory.

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 Broadcast Communications program.

The Harold M. Finley Learning Resources Center is located on the quadrangle facing Duke Hall. Funded by philanthropist Andrew Carnegie, the original two-story structure of pressed brick and Indiana limestone was completed in 1906. From that date until 1974, the Carnegie Library served the campus as the main library facility. On May 5, 1974, the Bert Vincent Memorial wing, a 6,500 square-foot addition, was officially dedicated. Honoring the well-known Knoxville newspaper columnist who had a lasting interest in Lincoln Memorial University, the addition was built with gifts from thousands of persons throughout the United States.

Another 9,850 square-foot addition and major renovation of the original Carnegie facility were completed in 1987, made possible through matching grants from the Mabel Pew Myrin Trust and The Kresge Foundation.

On December 11, 1988, the entire complex was named in honor of Dr. Finley, Chairman of the Board of Trustees and longtime benefactor of Lincoln Memorial University.

The Carnegie-Vincent Library houses two computer labs equipped with high speed Internet; wireless access is available throughout the Library. The collections total more than 333,284 items, including traditional and electronic books, electronic journals, bound periodicals, software, microfilm, and audiovisual materials. The Piper family gift (from the estate of Ms. Ethel Piper) allows the library's holdings to be searched via the integrated library catalog system.

During the academic year, the library is open from 8 a.m. to midnight Monday through Thursday; 8 a.m. to 4:30 p.m. on Friday; 10 a.m. to 5 p.m. on Saturday and 2 p.m. to midnight on Sunday. The Lon and Elizabeth Parr Reed Health Sciences Library opened on the second floor of the Carnegie-Vincent Library in the fall of 2006; the health sciences collections are housed within the medical library. Also, a music library, named in honor of Dr. Mabel D. Smith, former LMU music professor, is located on the first floor of the library; the music library was made possible by a generous donation from one of Professor Smith's former students, Paul R. Keen. Additionally, at LMU Cedar Bluff site there is a library which serves the academic programs specific to that site.

The University's Abraham Lincoln Library and Museum supplements the Carnegie-Vincent Library resources with outstanding, nationally recognized Lincoln and Civil War collections. The Museum is a center for historical research and provides a number of educational programs available to students and the general public. The Museum holds and exhibits one of the nation's largest and most diverse collections of Lincoln and Civil War artifacts. The Museum also 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 Library and Museum to study the life and thoughts of the nation's sixteenth president. The University publishes quarterly a scholarly-reviewed and internationally-distributed journal entitled, *The Lincoln Herald*. The Museum is open all year Monday through Friday 10 a.m. to 5 p.m. and Saturday, Noon to 5 p.m. From March through November, the Museum is also open on Sunday, 1 p.m. to 5 p.m.

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. In addition a research facility at the Belize Foundation for Research allows faculty and students to conduct studies in the neo tropics.

The Center for the Arts is located in the historic town of Cumberland Gap and includes the Art Studio Center, the LMU Log Cabin and the Convention Center.

The J. Frank White Academy was founded in 1989 as a co-educational high school whose mission is to provide a college preparatory curriculum for students in grades 5-12. J. Frank White was a local attorney who died in 1927 and left a provision in his will for a private high school to be opened in the area. The trustees of the estate approached Lincoln Memorial University in 1987 to explore the feasibility of designing a program that would utilize the University's facilities and afford students enrolled in the Academy an opportunity to take college classes for dual credit.

The J. Frank White Academy held its first commencement exercise in 1991; JFWA alumni now live all over the country and work in a wide variety of professional fields.

There are fourteen residence facilities on campus that provide excellent housing for approximately 700 main campus undergraduate students.

Grant-Lee Hall was originally built in 1892 and houses freshmen and many upperclassmen.

Dishner, Mitchell, and Pope Halls, are apartment-style smart-suites completed in 2004-2006. Each building consists of three-bedroom suites with a shared living room, fully-equipped kitchen and washer/dryer. Each bedroom is equipped with a twin bed, desk and wardrobe, as well as a private bathroom and walk-in closet.

Constructed in 1928 and renovated in 2007, Lafrentz-Poole (LP) consists of 84 private rooms, each with its own bathroom. Three LP apartments are married-couple suites equipped with a full kitchen.

The Munson house, constructed in 1941 and renovated in 2008, is one of the most historic sites on campus and is exclusive to the Kappa Pi Omega sorority. Byram house, constructed in 1948 and renovated in 2009, shares much of the same history as Munson house and is exclusive to the Delta Theta Sigma sorority. Robertson house was built in 1996 and is exclusive to the Zeta Tau Kappa sorority. All three houses offer apartment-style living to female upperclassmen.

Burchett, McClelland, DB3 and DB4 are our newest apartment-style smart-suites and are available to all upperclassmen. Each building features three-bedroom suites with a shared living room, fully-equipped kitchen and washer/dryer. Each bedroom is shared by two occupants, is equipped with two twin beds, desks and wardrobes, and includes two walk-in closets and a shared bathroom.

There are five residence halls that provide housing for professional and graduate students: two on our main campus and three located less than a mile from campus. Our main campus graduate residence halls, Shelton and Langley Halls, are apartment-style smart suites. Each building consists of three-bedroom suites with a shared living room, fully-equipped kitchen and washer/dryer. Each bedroom is equipped with a twin bed, desk and wardrobe, as well as a private bathroom and walk-in closet. University Inn, Mars and Lee Halls are our off-campus graduate/professional residence halls. UINN consists of 127 one- and two-room studio apartments with bathroom and kitchenette. Mars and Lee are apartment-style smart-suites, each consisting of three-bedroom suites with a shared living room, fully-equipped kitchen, dishwasher and washer/dryer. Each bedroom is equipped with a twin bed, desk and wardrobe, as well as a private bathroom and walk-in closet. Residents of these buildings also have access to an exclusive fitness facility and outdoor swimming pool.

The 5,009 seat Tex Turner Arena, dedicated in May 1991, is a state-of-the-art facility for intercollegiate basketball and for major concerts and special events. The Mary E. Mars Gymnasium with its indoor swimming pool, classrooms, and basketball court is truly a multi-purpose facility. Complementing the many outdoor athletic facilities—Lamar Hennon Field (baseball), Gibbs Field (soccer), Neely Softball Field, tennis courts, and physical fitness trails—the arena and the gym are home for our strong and consistent tradition of winning in

athletic competitions. LMU holds membership in the South Atlantic Conference (National Collegiate Athletic Association, Division II).

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

Students interested in intramural sports will find competition keen in men's and women's tennis, touch football, volleyball, softball, basketball, and other sports activities.

Learning and Living Opportunities

At LMU, learning occurs in the classrooms, the library, and on the job through internships with local businesses and other institutions. Learning occurs on field trips, in seminars held in local schools and in the residence halls, and on the athletic fields.

Nearly 4,500 students are enrolled at LMU, with approximately one-half being undergraduates. The international student population represents approximately 25 countries. Students at LMU are involved in every facet of the life of the institution and serve on various committees. Students participate in self-governance within appropriately defined policies.

A broad range of social events, academic convocations, chapel services, fine arts, and intramural and intercollegiate athletics fills the extracurricular experiences of the students.

At LMU students are treated as adults and are expected to display responsible conduct and respect for the rights of others and the well-being of the institution.

At LMU, faculty are dedicated to helping students succeed. Every effort is made to assist the individual student to complete a program of study and to master the skills necessary for success.

There are honors courses for those who are prepared for such challenges; there are developmental courses for students who are motivated to learn despite gaps in preparation for college study. Each student is assigned an academic advisor, according to his/her major area of study, who assists the student in program planning.

Approximately 75% percent of the faculty hold the terminal degree in their teaching field. Each faculty member is an expert in his or her teaching discipline and is dedicated to helping students.

On-campus residency options are numerous and varied to meet the particular needs of students, both singles and those with families. From individual rooms to shared rooms and small apartments, our residential facilities offer the resident student opportunities for learning through living on campus.

The opportunity for meeting new people takes on a decidedly international flair by virtue of LMU's long-standing friendship with the Kanto International Senior High School. Each year Japanese students come to our campus to study English, to develop college skills, and to share with us their remarkable culture. In addition to our Japanese students, Lincoln Memorial University draws more than 75 other international students each year from many countries. Also, the University is a member of the Private College Consortium for International Studies (PCCIS) which provides opportunities for LMU students to study abroad.

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

- Blount Memorial
Alcoa City Center
235 East Watt Street
Alcoa, TN 37701
- Cedar Bluff
421 Park 40 North Blvd
Knoxville, TN 37923
- Corbin, KY - Baptist Regional Medical Center
1 Trillium Way
Corbin, KY 40701
- Knoxville - Physicians Regional Medical Center
900 E. Oak Hill Avenue
Knoxville, TN 37917

Selected programs or courses are offered at

- Kingsport, TN - Center For Higher Education
300 West Market St.
Kingsport, TN 37660-4222
- Middlesboro, KY - Southeast Kentucky
Community and Technical College
1300 Chichester Ave.
Middlesboro, KY 40965
- Morristown - Walters State Community College
500 South Davy Crockett Parkway
Morristown, TN 37813-6899
- Sevierville - Walters State Community College
1720 Old Newport Hwy.
Sevierville, TN 37876
- Cedar Bluff
421 Park 40 North Blvd.
Knoxville, TN 37923

Graduate programs or courses are offered in Tennessee at Cedar Bluff, Chattanooga, Copper Hill, Kingsport, Morristown and Sevierville; refer to the applicable graduate catalog for specific locations. The Duncan School of Law is located at 601 W. Summit Hill Drive, Knoxville, TN.

For more information about LMU's extended learning sites, contact the Assistant Vice President for Academic Affairs at (423) 869-7000. You can access directions on the Internet at: <http://www.lmunet.edu/academics/campussites.html>.

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. Convocation series, 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
eL MUNdo
“Emancipator” Literary Magazine
ENACTUS
Fellowship of Christian Athletes
GLBT Support
Historical Society
International Student Union (ISU)
LMU Players
Lincoln Ambassadors
Paranormal Society
Pep Band
Photography Club
RAILSPLITTER Yearbook Staff
Recycling Club
Student Alumni Association
Student Government Association
The Hill-Campus Ministries
The Splitter Report

The Tagge Center for Academic Excellence

The Tagge Center for Academic Excellence provides a variety of free assistance to meet student needs. These services include peer tutoring; lecture note-taking assistance; computer and printer availability; writing assistance; vocabulary development; and training in test preparation and test-taking. To receive assistance or to schedule an appointment, the student should phone campus extension 6310 or visit the Tagge Center for Academic Excellence. A staff member or peer tutor will work to meet the student’s individual needs. The Tagge Center for Academic Excellence is located on the second floor of the Student Center.

Student Support Services Program

The Student Support Services Program is a federally funded program to assist the student seeking academic help due to weak educational background or current 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 on the second floor of the Student Center.

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 web page, log onto Pathway and select WebAdvisor on the right side of the page.

Each student is assigned a unique username and temporary password (which must be changed upon first log-in to WebAdvisor). It is the responsibility of each student to ensure that his/her password remains confidential. Lincoln Memorial University does not accept responsibility for any password-related breach of security. The student has the option to decline the assignment of a username and password to access WebAdvisor.

Career Services

The Office of Career Services is located in office 211 of the DAR building. We are your first stop for all things career-related. We provide students and alumni with career counseling, career exploration classes, interest and personality assessments and other resources to help you choose a major and career. If you are seeking employment, we can help you identify part-time jobs, internships and full-time positions that are available. We also help with resume construction, cover letters, interview skills and job search. We can assist with you questions about graduate school and regularly have career fairs or other opportunities to connect you directly to graduate programs and employers. We often offer workshops dealing with resume preparation; cover letter writing, interviewing skills, and other career related services are addressed as needed. Most of our career planning material can be found

online at the LMU Career Services webpage. We also regularly post job opportunities on our career services Facebook page.

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 that ORAU operates, undergraduates, graduates, postgraduates, as well as faculty enjoy access to a multitude of opportunities for study and research. Students can participate in programs covering a wide variety of disciplines including business, earth sciences, epidemiology, engineering, physics, geological sciences, pharmacology, ocean sciences, biomedical sciences, nuclear chemistry, and mathematics. Appointment and program length range from one month to four years.

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

A comprehensive listing of these programs and other opportunities, their disciplines, and details on locations and benefits can be found in the *ORISE Catalog of Education and Training Programs*, which is available at <http://www.ornl.gov/orise/educ.htm>; or contact the ORAU Corporate Secretary, Monnie E. Champion, at (865) 576-3306; or visit ORAU online at <http://www.ornl.gov>.

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, faculty research and support programs as well as services to chief research officers.

The Community and Climate

Lincoln Memorial University is located in Harrogate, Tennessee, in the heart of Appalachia and on the borders of Kentucky and Virginia. It is adjacent to Cumberland Gap National Historical Park. The nearest town is Middlesboro, Kentucky, offering a shopping mall, 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 eighty degree temperatures July through August. Both fall and spring are pleasant seasons with temperatures ranging from the fifties to the seventies.

In Conclusion

The faculty, students, and administrative personnel work together at Lincoln Memorial University to build a supportive community that cares for persons 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 sets a premium on creating 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 the modern world.

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.

Social life at LMU is rich in activities and possibilities. Academic life at LMU is challenging and rewarding. The University views each student as an individual with a unique identity, one with abilities and goals that may be subtly or substantially different from those of others.

The campus atmosphere is small and intimate but our diverse facilities, educational programs and sites, and strong teaching faculty, combine to provide many opportunities for Lincoln Memorial University students.

ADMISSION, EXPENSES, AND FINANCIAL AID

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:

Dean 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 (world history, government, geography, sociology, psychology, economics, or anthropology)	1 unit
United States History	1 unit
Visual or Performing Arts	1 unit

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

The applicant must submit his/her official high school transcript or GED score report. If the high school transcript submitted is incomplete (submitted prior to high school graduation), subsequent admission as a freshman student is tentative, and the applicant must submit her/his final high school transcript verifying graduation before registering for courses at 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 SAT and the ACT; contact the Office of Admissions for specific dates, times, and locations.

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.

This deposit is refundable; a letter requesting formal withdrawal 30 days before the first day of classes must be submitted by the student and cleared by the Office of the Admissions.

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; refer to the "Criminal Background Check Policy" in this catalog.

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 admission students who have completed 12 or more semester credit hours of potentially 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. This deposit is refundable; a letter requesting formal withdrawal 30 days before the first day of classes must be submitted by the student and cleared by the Office of the Admissions.

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 Student

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 063 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 wishing to transfer from other postsecondary institutions who have earned a minimum of 30 college-level credit hours and who meet the aforementioned standards of academic proficiency will not be required to submit scores TOEFL scores or take the TOEFL examination.

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

admission 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 (this is not applicable to already discounted undergraduate programs of study). 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 2014.

Undergraduate Tuition	
12-17 credit hours	\$9,720 semester (base rate)*
1-11 credit hours	\$810/credit hour
Management and Leadership Studies	\$390/credit hour
Change of Schedule Fee	\$15 per course
Late Registration Fee	refer to <i>Schedule of Courses</i>

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
Graduation Fee (undergraduate program)	Associate - \$50 Baccalaureate-\$75
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
Coastal Ecology Course Fee	\$600 (effective 1/1/09)
Desert Ecology Course Fee	\$600 (effective 1/1/09)
Scuba Diving Course Fee	\$285

*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)

All undergraduate single students without dependent children residing with them and not classified as commuters must secure on-campus housing and participate in the appropriate meal plan. A commuter is defined as a student living with a parent or guardian within a 65 mile radius of the 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.

Grant-Lee Residence Hall - This residence hall is a coed facility with private baths. The hall is available for all undergraduates.

Byram, Robertson, and Munson - These residence halls are dedicated to the LMU Sororities. Byram is the Delta house, Robertson is the Zeta house, and Munson is the Kappa house.

Lafrentz Poole Hall - This residence hall is a coed facility with individual private rooms

and baths. The hall is exclusively for upper-classmen.

Dishner, Pope, and Mitchell - These are coed facilities with 3 private bedrooms per unit (each bedroom has a private bathroom and a walk-in closet). A large living room/kitchen area is shared by the occupants. The first floor of Dishner is an honors floor; students are required to maintain a 3.0 GPA. The second and third floors are exclusively for freshmen. Pope and Mitchell are exclusively for upperclassmen.

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

All 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.

Basic room and board rates per year, effective Fall Semester 2014:

Grant-Lee (2-person room) Meal Plan #1/#3	\$7,720 per person
Grant-Lee (2-person room) Meal Plan #2	\$7,860 per person
Grant-Lee (3-person room) Meal Plan #1/#3	\$7,560 per person
Grant-Lee (3-person room) Meal Plan #2	\$7,700 per person
Lafrentz Pool Hall (Standard) Meal Plan #1/#3	\$9,200 per person
Lafrentz Pool Hall (Standard) Meal Plan #2	\$9,340 per person
Mitchell, Dishner, Pope (1-person Bedroom) Meal Plan #1/#3	\$10,370 per person
Mitchell, Dishner, Pope (1-person Bedroom) Meal Plan #2	\$10,510 per person
Burchett, McClelland, DB3 and DB4 (2-person room) Meal Plan # 1/#3	\$8,800 per person
Brucghett, McClelland, DB3 and DB4 (2-person room) Meal Plan # 2	\$8,940 per person
Byram (2-person room) Meal Plan # 1/#3	\$8,200 per person
Byram (2-person room) Meal Plan # 2	\$8,340 per person
Byram (1-person room) Meal Plan # 1/#3	\$9,050 per person
Byram (1-person room) Meal Plan # 2	\$9,190 per person
Munson (2-person room) Meal Plan # 1/#3	\$8,200 per person
Munson (2-person room) Meal Plan # 2	\$8,340 per person
Munson (1-person room) Meal Plan # 1/#3	\$9,050 per person
Munson (1-person room)	

Meal Plan # 2 Robertson (1-person room)	\$9,190 per person
Meal Plan # 1/#3 Robertson (1-person room)	\$7,080 per person
Meal Plan # 2	\$7,150 per person

Food Service (Harrogate Campus)

All students living in campus residence halls are required to participate in one of the meal plans offered. Only married students or students with children living with them are exempt. 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 WOW World of Wings. Sodexho Campus Services provides food services to LMU students.

Sodexho Campus 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.

Students may select from two 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 meal plan includes nineteen (19) meals per week with unlimited seconds (except on steak night). 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 meal plan includes fifteen (15) meals per week, Sunday-Saturday, with unlimited seconds (except on steak night). This meal plan also includes 150 points to be used throughout the semester for purchases in the WOW World of Wings, The Campus Grounds coffee shop, or resident 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 cafeteria hours. This meal plan includes ten (10) meals per week with unlimited seconds. This meal plan also includes 300 points to be used throughout the semester for purchases in the WOW World of Wings, The Campus Grounds coffee shop, or resident dining hall.

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.

The student should choose a meal plan carefully; beginning the seventh day following registration day the student is not allowed to change from one meal plan to another. There is a \$25 charge for any change in meal plan selection prior to that deadline.

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 subject to final approval by the Board of Trustees and are published each semester on the Registration Policies page in WebAdvisor, which is available on the LMU web site by selecting the Current Students and Faculty link.

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 (obtained from the Office of the Registrar) for dropping one or more classes.

Any situation in which all classes are dropped is considered to be a withdrawal from the University. The student initiates this process by completing a withdrawal form (can be found online) and submitting this to the Registrar’s Office.

Should the student fail to complete this process, all semester charges will become immediately due and payable (refer to “Withdrawal from the University”).

The official withdrawal process begins in the Office of the Registrar. A withdrawal form must be completed and all the necessary signatures obtained. *Oral requests do not constitute official notification.*

The University’s official date of withdrawal used to compute the refund is based on the date the withdrawal form is recorded by the Registrar. 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 on the Registration Policies page of the electronic class schedule, WebAdvisor, which is available on the LMU web site by selecting the Current Students and Faculty link; and/or the Office of Student Services, the Office of the Registrar and the Office of Finance.

Refund schedules pertaining to summer are adjusted to the varying length of the terms. They are also available in WebAdvisor by selecting the given term.

Official Withdrawal

Any completed student withdrawal will be reviewed for the official withdrawal date, set forth by the Registrar. The Registrar uses the date the student communicates their intent to withdraw or begins the institution’s withdrawal process, as the official withdrawal date. If this date falls after the first day of classes, there will be a Return of Title IV (R2T4) calculation done to determine financial aid earned. If a withdrawal is completed prior to the FA 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 given back to us 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 of processing the withdrawal form. If the student is present at the time of processing the withdrawal form, financial aid staff does a counseling session to explain how the calculation is determined and how it affects their responsibility to repay, if applicable. If the student is not present at the time of processing the withdrawal form, the financial aid office notifies the student by certified mail of the adjustment made and any responsibility that lay with the student, 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, we do an R2T4 calculation 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. We provide a notification letter to the student asking them to confirm attendance past the 60% point of the term and a timeline in which to provide that documentation. Adequate attendance documentation can be an email statement directly from the instructors stating the student attended past the 60% date, hard copy print outs of online coursework submitted after the 60% date or hard copy tests submitted after the 60% point. If the attendance documentation is not provided, we notify the student, again, via email reminding them of this opportunity. If we do not receive a response, LMU will do an R2T4 calculation, thru FAA Access, using the 50% point of the term as the withdrawal date. Adjustments are made and refunds sent back to the appropriate program(s), with the DOE, at the time of processing the Unofficial Withdrawal student record(s). We then notify the student, via USPS, of the adjustments made via the results of the R2T4 calculation, and we explain why the calculation had to be done and what financial responsibilities lay with the student.

Summer Withdrawals

The official withdrawal process, as set forth by our Registrar's office, is required for withdrawing from a summer semester. Upon receiving a Withdrawal Form for summer, the FA office would use the actual start and end dates of the enrolled classes in the R2T4 calculation. At the end of the summer semester, FA reviews 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 year forfeits the resident's deposit.

A written request for refund must be made to the Director of Residential Life.

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. Institutional aid cannot be used to pay for student health insurance fees. All federal, state and institutional 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 problem 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 institutional funded financial aid is designed to equalize educational costs.

At LMU, more than \$100 million is awarded to qualified students under federal, state, and institutional financial aid programs.

Except for specific academic and athletic scholarships, all financial assistance at Lincoln Memorial University is based on financial need.

Need is defined as the difference between the cost of attending Lincoln Memorial University 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 to be received by April 1 for students entering the following fall. The priority deadline to apply for financial aid is April 1.

LMU 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. At LMU, starting with the fall 2011 semester, we have established the following Satisfactory Academic Progress (SAP) Policy that will be reviewed following each semester, including the summer term.

Qualitative: Maintaining Academic Progress

Students who fail to maintain satisfactory progress may not receive the following types of financial aid: 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 Stafford 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 eligibility to receive financial aid. 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 Maximum Time Frame section). Also, the student must maintain a minimum cumulative grade point average as outlined below:

Hours Attempted	Cumulative GPA
0 - 29	1.5 GPA
30 - 45	1.75 GPA
46 - 59	1.90 GPA
60 + Hours	2.0 GPA

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 Satisfactory Academic Progress by the end of that semester or be placed on Financial Aid Suspension.

Quantitative: Hours Attempted vs Hours Earned

A student is considered to have made satisfactory academic progress provided he/she passes at least 67% of the cumulative credit hours attempted. For instance, a student who attempts 45 credit hours must complete at least 30 of those credit hours to make satisfactory academic progress. 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 Satisfactory Academic Progress 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 ($128 \times 150\% = 192$). 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. Incomplete grades will not count against attempted hours, until a grade is recorded or the candidate is withdrawn from the class or classes. Satisfactory academic progress will be reviewed at the end of each semester.

Appeals

Students who are in SAP suspension may appeal this decision to the LMU Financial Aid Appeals Committee. 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 the Executive Director of Financial Aid, 6965 Cumberland Gap Parkway, Harrogate, TN 37752. The committee 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 not an academic plan can be developed to ensure that the student will be able to meet SAP standards by a specific point in order to graduate from a program. If the committee 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, the student will be placed on "Financial Aid Probation" for one semester. At the end of the next semester, the student must be making SAP to continue receiving financial assistance. If any additional appeals are approved beyond one semester, an academic plan must be developed for the student and approved by the academic advisor, division Dean or the Vice President for Academic Affairs. The academic plan must detail exactly what courses are required for the student to complete their intended program of study at LMU.

Notification

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

Regaining Eligibility: Quantitative-Maximum Time Frame

To regain eligibility, you must graduate and advance to a new academic level (UG to GR).

Quantitative: Hours Attempted vs. Hours Earned

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

GPA

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

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 \$500 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 awards range from \$1,000 to \$9,120 per year.

March 1 is the priority date for being considered for scholarships. All students who have been approved for admission 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 room and board expenses. Academic awards may not be used to pay for student health insurance fees.

All other aid including federal, state, and outside scholarships will be credited to the student's account first, with the academic award picking up the balance of the student's institutional aid eligibility. No cash refunds will be made.

Academic award recipients 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. 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. Endowed scholarships are given based on the policy of awarding four percent of the three-year moving average of the endowed scholarship fund.

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 Slep 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 Grabeel 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
Dellinger-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 Gullede 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 H. and Bobbie E. Williamson Memorial Endowed
 Scholarship
 Mildred Headley and Jo DeLong Endowed Memorial
 Scholarship
 Miller Endowed Scholarship
 Milton and Vina Ray Memorial Endowed Scholarship
 Milton Ratner Endowed Scholarship
 Milton T. O'Brien Scholarship
 Minnie B. Wade Scholarship
 Mission of Hope Endowed Scholarship in memory of Dedrick
 Andrew Courtney
 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
 Nancy Burch Moody Endowed Nursing Scholarship
 National Society Daughters of the Union, 1861-1865, Inc.
 Endowed Scholarship
 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
 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 Goforth 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
 Samuel P. Avery Endowed Scholarship
 Scoggins Family Endowed Scholarship in Chemistry in memory of
 Wilson ('44) and Bob Scoggins
 Second Chance Annual Scholarship
 Sidney McDougald Scholarship
 Snider-Whitaker Memorial Endowed Scholarship
 Social Work Intern Annual Scholarship
 Southwest Virginia Alumni Chapter Annual Scholarship
 Staff Senate Annual Scholarship
 Stanifer Endowed Scholarship
 Stooksbury, Meredith, Meredith Scholarship
 Stuart L. Watson Endowed Scholarship
 Stuart McClelland Endowed Scholarship
 Student Fund Annual Scholarship
 Student Services Annual Scholarship
 Sumpter - Caylor Endowed Nursing Scholarship
 T.A. Frick Endowed Scholarship Fund / Class of 1957
 T.J. Utterback Scholarship
 Ted Bartee Annual Scholarship
 Tennessee Association of Broadcasters / Jill Green Memorial
 Scholarship
 Tennessee General Sessions Court Judges Conference Scholarship
 Tracy Gibson Posey Endowed Nursing Scholarship
 Turner-Jeffers Scholarship
 UPS Annual Scholarship
 V. Clifford Lowdenback Endowed Scholarship
 Vernon and Nancy Roark Endowed Scholarship in
 Educational Excellence
 Virginia Hill Memorial Scholarship
 Virginia Householder Memorial Art Scholarship
 Vonore High School Scholarship
 W. David Lewis Annual Scholarship
 W.L. Spencer Endowed 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
Willie S. Gordon 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, professional degree programs or on the undergraduate degree completion program in Management and Leadership Studies, 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.

Summary of Degrees and Programs

BACCALAUREATE DEGREES

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

MAJORS:

Accounting (BBA)
Art *(BA)
Athletic Training (BS)
Biology *(BS)
Business *(BA)
Chemistry *(BS)
Criminal Justice (BS)
Energy Management (BBA)
English *(BA)
Environmental Science (BS)
Exercise Science (BS)
General Business (BBA)
Health (BS)
History* (BA)
Interdisciplinary Studies in
 Human Learning & Development* (BS)
Management (BBA)
Management and Leadership Studies (BS)**
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)
Philosophy and Religion (BA)
Physical Education *(BS)
Political Science (BA)
Professional Golf Management (BBA)
Psychology (BS)
Public History (BA)
Social Work (BS)
Special Education (BS)
Veterinary Health Science (BS)
Veterinary Medical Technology (BS)
Wildlife and Fisheries Biology (BS)

Bachelor of Science in Nursing (BSN)

RN to BSN Completion Program

*Teacher Certification Program

**Refer to the *Management and Leadership Studies Catalog* for specific policies (business degree completion program)

MINORS:*

Appalachian Studies	History
Art	Information Systems
Athletic Coaching	Mathematics
Biology	Media Communications
Chemistry	Music
Criminal Justice	Philosophy and Religion
English	Political Science
Entrepreneurship	Psychology
Environmental Science	Strength and Conditioning
Exercise Science	Theatre Arts
General Business	Wildlife and Fisheries
Biology	
Geography	
Gerontology	
Health	

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

ASSOCIATE DEGREES

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 baccalaureate major or associate degree program.
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 and so 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 110. The sophomore requirement is met by satisfactory completion of ENGL 210. 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 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) and Spanish 211 & 212 (Intermediate Spanish I & II), and French 111 & 112 (Beginning French I & II).
- 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 Director of Foreign Languages, the chair of the Department of Humanities and Fine Arts, and the Dean of the School of Arts and Humanities.
- E. International students whose native language is other than English may use the English for Academic Purposes courses (ELI 053 and ELI 063) 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.

Details of those programs are found in this catalog under the sections “Undergraduate Academic Programs” and “Undergraduate 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 Environmental Science
- Biology and Medical Laboratory Science
- Biology and Wildlife & Fisheries Biology
- Environmental Science and Medical Laboratory Science
- Environmental Science and Wildlife & Fisheries Biology
- Medical Laboratory Science and Wildlife & Fisheries Biology
- Psychology and Social Work

Any chosen major or minor must be formally declared (and updated in the event of any change) on the appropriate form in the Office of the Registrar 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, Management and Leadership Studies*, Medical Laboratory Science, Nursing, Psychology, Social Work, Veterinary Health Science and Veterinary Technology are restricted programs. Students must seek and receive formal admission to the restricted program

before enrolling in courses prefixed

ATTR**	MLS*	SOCW (340, 400 level)
EDUC (400-level)	NURS	VHS
MEDT	PSYC (460,498)	VMT

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

*Refer to the *Management and Leadership Studies Catalog* for details.

**ATTR (except 201, 202, 210, 220, 224, 490)

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 six years of graduation (but in no case a catalog in effect prior to initial enrollment).

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 very often academic problems 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 Excellence, 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 and approval of the dean of the applicable school.

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

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	Junior	-	60-89
Sophomore	-	30-59	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.

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

Other possible grades or transcript notations include:

I	=	Incomplete. If the request for an “I” grade is approved, the work must be completed within the first six weeks of the following semester (excluding summer terms); otherwise the grade automatically becomes “F.” The grade of I is calculated in the grade point average with zero points. A student may not repeat (re-enroll) in a course to resolve an Incomplete.
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.
- 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 "Withdrawal from the University."

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

An undergraduate student in good academic standing whose GPA for any one term is below 2.0 is placed on "Academic Warning." This indicates potential academic problems and is communicated to the student, the student's advisor, and Academic Support. Academic warning may result in the student being required to meet with an Academic Support Counselor to develop and implement a plan for improvement.

Academic warnings do not appear on the student's permanent academic record. A student who fails to achieve a minimum GPA of 2.0 for two consecutive semesters will be placed on Academic Probation. A 2.00 cumulative grade-point average (GPA) is required for graduation; any student not maintaining that standard will be placed on academic probation for the subsequent semester and will remain on academic probation until the cumulative GPA is at least 2.00.

Students who have been on academic probation for at least one semester and their cumulative GPA is less than the level indicated below for the specific hourly range are subject to suspension for a period of one regular semester. **Full-time students who fail all coursework for the semester are subject to suspension without being placed on probation.**

A student who is academically suspended from the university may apply for re-admission after the elapsed suspension period by submitting a written request to the Academic Affairs Office a minimum of 30 days prior to the beginning of the semester for which the student is requesting re-admission.

A second academic suspension will result in suspension for a full calendar year. A third academic suspension will result in permanent dismissal from the University.

Students on academic probation will be referred to the appropriate officials for academic/personal counseling; students may attend the summer semester as an opportunity to remove probation status prior to the new academic year. **Students on academic probation will be required to attend tutoring as a condition of their continued enrollment. Individual tutoring schedules must be approved in the Office of Academic Affairs. Students on probation may register for 12 to 16 hours during their probationary period with schedules approved in the Office of Academic Affairs.**

GPA Required to Avoid Suspension

Hours Attempted	Cumulative GPA
0 - 29	1.5 GPA
30 - 45	1.75 GPA

46 - 59	1.90 GPA
60 + Hours	2.0 GPA

Honors

Students carrying a course load of twelve or more semester credit hours (beyond any declarations under the “Pass/Fail Grade Option”), with LMU earning a semester GPA of 3.5, with no grades of I, IP, D, F, or NC, are named to the Dean’s List for that semester.

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: students achieving a cumulative GPA of 3.50 may graduate *cum laude*; with a GPA of 3.75, *magna cum laude*; and with a GPA of 3.95, *summa cum laude*. The valedictorian and salutatorian are selected from those students receiving a baccalaureate degree with at least 100 semester hours earned at LMU.

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. Also, such changes can be made only by using the official Change of Schedule Form and fully processing the change through the Office of the Registrar and the Finance Office.

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

Based on the Academic Calendar regarding dropped courses, there are important deadlines which affect the grade or notation that will appear on the student’s academic transcript. See the Academic Calendar and take special note of:

Last day to drop without “WD”

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

Last day to drop without “F”

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

EARLY REGISTRATION AND LATE REGISTRATION

Early registration helps ensure each student a place in classes for the upcoming term, and helps the 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 student initiates this process by obtaining a Withdrawal Form in the Registrar’s Office or from the Registrar’s home page.

The student must fill out the form and obtain the required signatures: Dean of Community College Partnerships (for international students or a recipient of veteran’s benefits), School Dean (for graduate students), Director of Residential Life, Bursar, Executive Director of Financial Aid, Dean of Student Development and Campus Life, and the Registrar.

The student must also return his/her student identification card, meal card (if applicable) and parking sticker to the Office of Student Services when withdrawing from the University.

Further, any withdrawing student who has received a student loan must have an exit interview with a Financial Aid Counselor.

Courses for which the student is registered will appear on the transcript with a notation of “WD.” 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 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 Academic Calendar.

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

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 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).

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).

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.

<u>AP Exam Title</u>	<u>Score</u>	<u>LMU Credit Awarded</u>
Art History	4	ART 381
	5	ART 381, 382
Music Theory	3	MUSC 111
	4-5	MUSC 111, 112
Studio Art: 2-D Design	3	ART elective
	4-5	ART 105
Studio Art: 3-D Design	3	ART elective
	4-5	ART 110
Studio Art: Drawing	3	ART elective
	4-5	ART 110
English Lang. & Comp.	3-5	ENGL 110
English Lit. & Comp.	3-5	ENGL 210
Comp. Gov. and Politics	3-5	POLS 320
European History	3-5	HIST elective
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 B*	4	PHYS 211
	5	PHYS 211, 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 portfolio is not required in the application for CE.

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

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

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

The student considering graduate study elsewhere or undergraduate transfer to another institution should be aware that not all colleges and universities honor transcript credit designated SC or CE. Complete information regarding SC and CE, and related fees, is available in the office of the dean of the applicable school.

Tuition Exchange

LMU has tuition exchange opportunities with several organizations including:

Council of Independent Colleges (www.cic.org)
Clear Creek Baptist Bible College (www.ccbbc.edu), and
The Tuition Exchange (www.tuitionexchange.org).

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

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.

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 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.

Application for Graduation

Each candidate for graduation must make a formal application (complete Intent to Graduate form) to the Registrar 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 to the 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 cost of the degree audit (i.e., determining that all academic requirements have been met) and the cost of the diploma and academic regalia.

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.

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.

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.

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.

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. It is Lincoln Memorial University 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 *Catalog*.

For information on the undergraduate degree completion program in Management and Leadership Studies, refer to the program 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

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

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. 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 15 semester credit hours.

HONORS SCHOLARS PROGRAM

Mission Statement

The LMU Honors 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 education 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:

HNRS 100 Honors Perspective and Skills	1
HNRS 200 Meaning and Service in a Diverse World	3
HNRS 303 Junior Honors Thesis Project	1-3
HNRS 403 Senior Honors Thesis Project	1-3
HNRS 497 Senior Honors Capstone	1

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, approves specific honors courses and faculty to teach these 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.

of people have settled, organized, developed economies and created ways of living within codes of laws and belief systems.

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

GENERAL EDUCATION POLICIES

1. Students should carefully review **The Lincoln Liberal Arts Core Curriculum** requirements outlined and monitor their progress toward meeting them.
2. Students should meet with their academic advisors each semester to help ensure adequate progress toward completion of the Core Curriculum requirements.
3. As soon as possible after enrolling at the University, students who have completed general education coursework elsewhere should, with the help of their academic advisors, formally request appropriate substitutions for specific Core Curriculum requirements.
4. Some courses listed in the categories of **The Lincoln Liberal Arts Core Curriculum** may be prerequisites to more advanced coursework in specific major programs. Students can meet the Core Curriculum requirements by completing any of the courses listed in each category. However, students who choose courses other than those prerequisites must complete additional coursework to prepare for their major program requirements.
5. Some courses listed in the categories of **The Lincoln Liberal Arts Core Curriculum** may also satisfy licensure requirements in professional programs. Students can meet the Core Curriculum requirements by completing any of the courses listed in each category. However, students who choose courses other than their licensure requirements will be required to enroll in additional coursework in order to complete their professional programs.
6. A maximum of three courses may count concurrently toward **The Lincoln Liberal Arts Core Curriculum** and the student's major program of study.
7. LMU courses with a grade of "D-" may be counted for the university's general education requirement. A cumulative general education program GPA of 2.0 is required for graduation.
8. The same course cannot be used to meet two different General Education requirements.

Core Curriculum Requirements for Associate Degree Programs:

I. Lincoln Seminars		1 cr hr
LNCN 100	Lincoln's Life and Legacy	1
II. Communication		6 cr hrs
COMM 200	Fundamentals of Speech Communication	3
ENGL 110	Freshman Composition	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 210	Writing about World Literature and Culture	
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
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 212	American Government: State and Local
POLS 320	Comparative Politics
PSYC 100	Introduction to Psychology
¹ 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:

(see *MATHEMATICS PLACEMENT* page 34)

MATH 105	Transitional College Mathematics
MATH 110	Reasoning and Problem Solving
MATH 115	College Algebra
MATH 120	Trigonometry
MATH 150	Differential Calculus
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
^{1,2} BIOL 230	Microbiology
¹ BIOL 261	Human Anatomy and Physiology I
¹ 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 student to demonstrate computer proficiency by either credit by exam or by taking ISYS 100; BUSN 260 or

EDUC 210 (2-3 Credit Hours).

Total Associate Degree General Education Credit Hours 22-23

Associate of Science 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.

Core Curriculum Requirements for Baccalaureate Degree Programs:

I. Lincoln Seminars 2 cr hrs

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 110	Freshman Composition	3
ENGL 210	Writing about World Lit. and Culture	3

III. Fine Arts, Humanities and Ethics 9 cr hrs

ENGL 310	American Literature	3
	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
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 212	American Government: State and Local
POLS 320	Comparative Politics
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

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

Choose **one** of the following: **3 cr hrs**

(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

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; BUSN 260 or EDUC 210 (2-3 Credit Hours).

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 of 400 (or less) must pass ENGL 099 before enrolling in ENGL 110.

ENGL 110 Freshman Composition

ACT English between 18 and 25 or SAT verbal and writing between 410 and 590

ENGL 210 Writing about World Literature and Culture

ACT English 26 or higher or SAT verbal and writing 600 or higher **or**

Dual-enrollment college credit for one writing course with grade of "C" or higher or a score of 4 or higher on the AP English Language and Composition exam.

ENGL 310 Writing about American Literature

Successful completion of ENGL 210 **or**

Dual-enrollment college credit for two writing courses with grade of "C" or higher **or** 4 or higher on the AP English Literature and Composition exam. **NOTE:** English majors may substitute the sequence ENGL 321-322 for ENG 310.

Foreign Language Requirement for Bachelor of Arts 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 500 must pass MATH 099 before continuing in MATH 105.

Student with a *Math* score of at least May enroll in MATH

ACT 19 or SAT 500	105 (or below)
ACT 21 or SAT 540	115, 110, or below
ACT 23 or SAT 580	120 or below
ACT 26 or SAT 650	150* or below

*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 250.

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.

DEPARTMENT OF ATHLETIC TRAINING

The Athletic Training Program (ATP), which is housed in the Department of Athletic Training, 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.

The program will strive to maintain and surpass the standards of accreditation as specified by the Commission on Accreditation of Athletic Training Education (caATE).

Goals of the Athletic Training Program

- communicate effectively to a variety of population utilizing various media
- prevent, evaluate, treat, rehabilitate and recondition musculoskeletal injuries appropriately for an entry level certified athletic trainer

- evaluate and manage medical conditions appropriately for an entry-level certified athletic trainer
- organize and administrate athletic training services in a variety of settings
- foster the caring side of athletic training by incorporating psychosocial aspects into all domains
- demonstrate the importance of professional development through an appreciation of life-long learning, professional membership and service to the profession and community
- successfully pass standardized test (s) required in order to practice athletic training at the state or national level

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) 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, life saving 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 73-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.

		cr hrs
ATTR 100	Foundations in Athletic Training	3
ATTR 102	Clinical Introduction to Athletic Training	1
ATTR 170	Musculoskeletal Anatomy	3
ATTR 170L	Musculoskeletal Anatomy Lab	1
ATTR 224	Preventative Techniques in Athletic Training	2
ATTR 226	Sports Emergency Care	2
ATTR 227	Sports Emergency Care for the Athletic Trainer I	2
ATTR 228	Sports Emergency Care for the Athletic Trainer II	2
ATTR 281	Practicum I in AT	1
ATTR 282	Practicum II in AT	1
ATTR 296	Evaluation I: Upper Extremity	3
ATTR 296L	Evaluation I: Upper Extremity Lab	1
ATTR 297	Evaluation I: Lower Extremity II	3
ATTR 297L	Evaluation I: Lower Extremity II Lab	1
ATTR 298	Evaluation II: The Axial Skeleton III	3
ATTR 298L	Evaluation II: The Axial Skeleton III Lab	1
ATTR 300	Psychosocial and Cultural Considerations In Exercise	2
A TTR 311	Therapeutic Modalities in Athletic Training I	2
A TTR 311L	Therapeutic Modalities in Athletic Training I Lab	1
A TTR 312	Therapeutic Modalities in Athletic Training II	2
A TTR 312L	Therapeutic Modalities in Athletic Training II Lab	1
ATTR 371	Rehabilitation of Athletic Injuries I	2
ATTR 371L	Rehabilitation of Athletic Injuries I Lab	1
ATTR 372	Rehabilitation of Athletic Injuries II	2
ATTR 372L	Rehabilitation of Athletic Injuries II Lab	1
ATTR 375	Administration of Athletic Training	3
ATTR 381	Practicum III in AT	1
ATTR 382	Practicum IV in AT	1
ATTR 405	Fitness and Conditioning for AT	3
ATTR 405L	Fitness and Conditioning for AT Lab	1
ATTR 471	Medical Considerations in Sports Medicine I	3
ATTR 472	Medical Considerations in Sports Medicine II	3
ATTR 481	Practicum V in AT	1
ATTR 482	Practicum VI in AT	1
ATTR 491	Senior Seminar in Athletic Training I	2
ATTR 497	Senior Seminar in Athletic Training II	3
ATTR 494	Osteopathic Techniques for the AT	1
PEXS 300	Physiology of Exercise	3
PEXS 372	Kinesiology and Biomechanics	3
	Total	73

Advancement Policy

- Once admitted to the Athletic Training 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 portfolio 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 only 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 MEDICAL LABORATORY SCIENCE

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 Department strive to instill the highest professional responsibility, moral, 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 Department 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 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 Laboratory 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)
Baptist Hospital of Cocke County (Newport, Tennessee)
Blount Memorial Hospital (Maryville, Tennessee)
Claiborne County Hospital (Tazewell, Tennessee)
Dickenson Community Hospital (Clintwood, Virginia)
East Tennessee Children’s Hospital (Knoxville, Tennessee)
Franklin Wood Community Hospital
(Johnson City, Tennessee)
Fort Loudoun Medical Center (Lenoir City, Tennessee)
Fort Sanders Regional Medical Center
(Knoxville, Tennessee)
Indian Path Medical Center (Kingsport, Tennessee)
Jellico Community Hospital (Jellico, Tennessee)
Johnson City Medical Center (Johnson City, Tennessee)
Johnston Memorial Hospital (Abingdon, Virginia)
LeConte Medical Center (Sevierville, Tennessee)
Lee Regional Medical Center (Pennington Gap, Virginia)
Methodist Medical Center (Oak Ridge, Tennessee)
Molecular Pathology Laboratory (Maryville, Tennessee)
Morristown Hamblen Health Care System
(Morristown, Tennessee)
Norton Community Hospital (Norton, Virginia)
Parkwest Medical Center (Knoxville, Tennessee)
Pineville Community Hospital (Pineville, Kentucky)
Physician’s Regional Medical Center (Knoxville, Tennessee)
Roane Medical Center (Harriman, Tennessee)
Russell County Medical Center (Lebanon, Virginia)
Sycamore Shoals Hospital (Elizabethton, Tennessee)
Smyth County Community Hospital (Marion, Virginia)
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.

Medical Laboratory Science Program

Admission Requirements:

Admission to the University does not guarantee admission to the Medical Laboratory Science Program. Admission to this program is highly competitive and subject to the following:

1. Admission to Lincoln Memorial University
2. Formal application for admission to the program.
3. Acceptance physical examination, including a negative drug screen.
4. A minimum cumulative GPA of 2.50 on a 4.0 scale.
5. Completion of minimum of 65 semester hours including the completion of a minimum of 8 semester hours of the collateral biology requirements and 12 semester hours of the collateral chemistry requirements with a minimum grade of a "C-" in each science course.

Medical Laboratory Science Program Progression and Readmission Requirements

To continue in the Medical Laboratory Science Program, students are required to earn a grade of "B-" or better in each MEDT course. Students who are unsuccessful in any MEDT course during their first semester in the program are disqualified (expelled) from continuing in the program, but may apply for readmission. Applicants for readmission will not be given priority over other applicants, and no student will be readmitted more than once. If any student fails to achieve the minimum grade of "B-" in two or more MEDT prefix courses in their first semester in the program, they are ineligible for readmission.

Beginning with the second semester in the program, any student failing to earn the minimum grade of "B-" in two or more MEDT prefixed courses is disqualified (expelled) from continuing in the program, but may apply for readmission. If admitted, the student must begin the program over and retake all of the required MEDT prefixed courses.

Medical Laboratory Science (BS)

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	Immunoematology	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 inveterinary 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 area/regions, facilities, and farms. Transportation and expenses incurred for travel are the responsibility of the student.

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:

- I. Properly assess and evaluate needs of patients as they relate to pathophysiology of disease and disease prevention. (Advance Medical Knowledge)
- II. Administer quality medical care involving companion, food and laboratory animals. (Advanced Medical Knowledge)
- III. Demonstrate and apply laboratory procedures essential to diagnostic veterinary medicine. (Advanced Medical Knowledge)
- IV. Demonstrate understanding of disease processes and subsequent therapeutic procedures. (Promote Public Health)
- V. Demonstrate therapeutic interpersonal communication

skills in the client-technician-doctor relationship. (Service to Humanity)

- VI. 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/programs/veterinary-standards.shtml>

VETERINARY MEDICAL TECHNOLOGY (AS) ADMISSION REQUIREMENTS

Admission to the University does not guarantee admission to the Associates of Veterinary Medical Technology Program. Applications received prior to March 15 will receive priority 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 Veterinary Medical Technology (AS) program
 - Application may be filled out online at www.lmunet.edu
 - Remember when filling out the application, choose the course offerings campus of interest.
 - 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 2.75 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.

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 Veterinary Medical Technology (AS) program, are required to submit verification of the pre-exposure rabies vaccination or submit a signed waiver to the program coordinator. 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 (insert link here).

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 VMT program. The admissions 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, government agencies such as USDA and APHIS, in addition to other veterinary areas. Careers of the technician parallel those of veterinarians.

The VTNE:

The AS degree in veterinary medical technology prepares graduates for eligibility to make application to 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:

All VMT AS students must maintain a 2.7 average in all VMT courses. If a student fails to meet this requirement, they will be placed upon academic probation and will have the following semester to obtain the required GPA. If the GPA requirement is not met during the allotted timeframe, the student will be dismissed from the program.

(AS) Veterinary Medical Technology; VMT Courses cr hrs

VMT 100	Introduction to Veterinary Technology	1
VMT 111	Domestic Animal Anatomy & Physiology I	3
VMT 111L	Domestic Animal Anatomy & Physiology Lab I	1
VMT 112	Domestic Animal Anatomy & Physiology II	3
VMT 112L	Domestic Animal Anatomy & Physiology Lab II	1
VMT 120	Animal Husbandry/Nutrition & Breeds	2
VMT 120L	Animal Husbandry/Nutrition Breeds Lab	1
VMT 160	Veterinary Medical Terminology	1
VMT 180	Laboratory & Zoo Animals	1
VMT 180L	Laboratory & Zoo Animals Lab	1
VMT 210	Small Animal Clinical Procedures & Techniques	2
VMT 210L	Small Animal Clinical Procedures & Techniques Lab	1
VMT 220	Large Animal Clinical Procedures & Techniques	1
VMT 220L	Large Animal Clinical Procedures & Techniques Lab	2
VMT 231	Diagnostic Lab Procedures I	1

VMT 231L	Diagnostic Lab Procedures Lab I	1
VMT 232	Diagnostic Lab Procedures II	1
VMT 232L	Diagnostic Lab Procedures Lab II	1
VMT 241	Pharmacology & Anesthesia for Veterinary Technicians I	2
VMT 242	Pharmacology & Anesthesia for Veterinary Technicians II	2
VMT 251	Surgical Nursing & Anesthesia I	2
VMT 251L	Surgical Nursing & Anesthesia Lab I	1
VMT 252	Surgical Nursing & Anesthesia II	2
VMT 252L	Surgical Nursing & Anesthesia Lab II	1
VMT 260	Animal Diseases & Zoonoses	3
VMT 270	Imaging & Ultrasound for Veterinary Technicians	1
VMT 270L	Imaging & Ultrasound for Veterinary Technicians Lab	1
VMT 297	Veterinary Technology Clinical Review	1
VMT 298	Veterinary Technician Practicum	3
VMT 300	Veterinary Parasitology & Entomology	3
VMT 300L	Veterinary Parasitology & Entomology Lab	1
		Total 48

Veterinary Medical Technology Program Bachelor of Science Degree

The BS in VMT is designed for individuals that have graduated from an AVMA accredited veterinary technology program with an AS degree and have obtained credentialing as veterinary technicians. VMT students may elect to pursue minors in wildlife and fisheries, business or other areas of interest.

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:

- I. Properly assess and evaluate needs of patients as they relate to pathophysiology of disease and disease prevention.
- II. Deliver and supervise quality medical care involving companion, food and laboratory animals.
- III. Perform and supervise laboratory procedures essential to diagnostic veterinary medicine.
- IV. Develop in depth understanding of disease processes and importance of administering therapeutic procedures associated with disease.
- V. Enhance client communication skills to increase owner compliance.
- VI. 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 March 15 of each year.

- Application to the VMT BS program
- Successful completion of a two year AVMA accredited veterinary technology program
- Verification of credentialing as a veterinary technician or verification of credentialing application
- Students must obtain credentials by passing VTNE within two testing windows from date of admission to LMU. Students that do not pass 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.

(BS) Veterinary Medical Technology; VMT Courses

	cr hrs
VMT 320 Animal Nutrition	2
VMT 326 Pain Management for Veterinary Technologists	2
VMT 330 Introduction to Diagnostic/Research	2
VMT 356 Equine Management	2
VMT 357 Rural Animal Management	2
VMT 360 Animal Behavior	1
VMT 370 Advanced Anesthesia for Veterinary Technologists	2
VMT 370L Advanced Anesthesia for Veterinary Technologists Lab	1
VMT 380 Companion Animal Management	2
VMT 390 HAB- An Interdisciplinary Approach	3
VMT 397 Nursing Care Assessment Plans; Capstone	1
VMT 400 Zoonotic Disease of Veterinary And Public Health Importance	3
VMT 410 Emergency & Critical Care Procedures & Techniques for Veterinary Technologists	2
VMT 410L Emergency & Critical Care Procedures & Techniques for Veterinary Technologists Lab	1
VMT 430 Advanced Clinical Procedures & Techniques	2
VMT 430L Advanced Clinical Procedures & Techniques Lab	1
VMT 440 One Health Principles for the Veterinary Professionals	3
VMT 497 Veterinary Technology Senior Seminar	1
Total	33

Veterinary Health Science Program AS and BS Degree Options

Associate of Science in Veterinary Health Science Pre-Veterinary Medicine:

The AS in VHS is designed especially for the student that wishes to pursue application to 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

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:

- I. Demonstrate knowledge and understanding of biology, chemistry and physics as requirements for entrance into veterinary school. (AS and BS)
- II. Demonstrate knowledge and understanding of basic veterinary sciences. (AS and BS)
- III. Demonstrate knowledge and understanding of veterinary medicine and the global impact veterinary medicine has on our world today. (BS)
- IV. Understand the human animal bond (HAB) and its impact on society.
- V. Understand relationship between veterinarians, licensed veterinary technicians and technologists, veterinary assistants and other members of the veterinary health care team.
- VI. 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.
 - Letters of recommendation from two sources (one academic, one personal)
 - 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 or college GPA of 3.0 to be considered)

**Veterinary Health Science Program Requirements
(AS) Veterinary Health Science; VHS Courses**

VHS 101	Introduction to Veterinary Medicine	1
VHS 111	Animal Anatomy & Physiology I	3
VHS 111L	Animal Anatomy & Physiology I Lab	1
VHS 112	Animal Anatomy & Physiology II	3
VHS 112L	Animal Anatomy & Physiology II Lab	1
VHS 160	Veterinary Medical Terminology	1

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.

BIOL 111	General Biology I with lab	4
BIOL 112	General Biology II with lab	4
CHEM 111	General Chemistry I with lab	4
CHEM 112	General Chemistry II with lab	4
CHEM 221	Organic Chemistry I with lab	4
CHEM 222	Organic Chemistry II with lab	4

(BS) Veterinary Health Science; VHS Courses

VHS 101	Introduction to Veterinary Medicine	1
VHS 111	Animal Anatomy & Physiology I	3
VHS 111L	Animal Anatomy & Physiology I Lab	1
VHS 112	Animal Anatomy & Physiology II	3
VHS 112L	Animal Anatomy & Physiology II Lab	1
VHS 160	Veterinary Medical Terminology	1
VHS 210	Companion Animal Handling & Restraint	2
VHS 210L	Companion Animal Handling & Restraint Lab	1
VHS 220	Rural Animal Handling & Restraint	2
VHS 220L	Rural Animal Handling & Restraint	1
VHS 260	Animal Diseases & Zoonosis	3
VHS 300	Veterinary Parasitology and Entomology	3
VHS 300L	Veterinary Parasitology and Entomology Lab	1
VHS 320	Animal Nutrition	2
VHS 330	Introduction to Diagnostics/Research	2
VHS 340	Small Farm Animal Management	2
VHS 340L	Small Farm Animal Management	1
VHS 350	Rural Animal Management	2
VHS 360	Animal Behavior	1
VHS 370	ALAT; Assistant Laboratory Animal Technician	3
VHS 370L	ALAT Lab	1
VHS 380	Companion Animal Management	2
VHS 390	Human Animal Bond Interdisciplinary Approach	3
VHS 400	Zoonotic Disease of Veterinary And Public Health Importance	3
VHS 410	Equine Management	2
VHS 440	One Health for Veterinary Professionals	3
VHS 490	Toxicology	2
VHS 497	Veterinary Senior Seminar	1

The following collateral science courses are required for completion of the BS 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.

BIOL 111	General Biology I with lab	4
BIOL 112	General Biology II with lab	4
CHEM 111	General Chemistry I with lab	4
CHEM 112	General Chemistry II with lab	4
CHEM 221	Organic Chemistry I with lab	4
CHEM 222	Organic Chemistry II with lab	4
BIOL 315	Molecular Genetics with lab	4
BIOL 441	Biochemistry I	4
BIOL 336	General Microbiology with lab	4
BIOL 450	Molecular Cell biology	4
MATH 270	Probability and Statistics	3

One of the following Physics courses:

PHYS 100	Intro to Physics with lab	4
PHYS 211	General Physics I with lab	4

VET Courses for Completion of Previously Offered Program- Not open for new enrollment

		cr hrs
VET 280	Veterinary Chemistry	1
VET 303	Veterinary Technician Practicum	6

- 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 or college GPA of 3.0 to be considered)

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:

- I. Demonstrate knowledge and understanding of biology, chemistry and physics as requirements for entrance into veterinary school. (AS and BS)
- II. Demonstrate knowledge and understanding of basic veterinary sciences. (AS and BS)
- III. Demonstrate knowledge and understanding of veterinary medicine and the global impact veterinary medicine has on our world today. (BS)
- IV. Understand the human animal bond (HAB) and its impact on society.
- V. Understand relationship between veterinarians, licensed veterinary technicians and technologists, veterinary assistants and other members of the veterinary health care team.
- VI. Recognize the importance of each individual in the veterinary health care team and understand process required to grow positive relationships with 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.
 - Letters of recommendation from two sources (one academic, one personal)

SCHOOL OF ARTS AND HUMANITIES

Mission Statement

The mission of the School of Arts and Humanities 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 School of Arts and Humanities 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 LITERATURE AND LANGUAGE

Mission Statement

The department of Literature and Languages 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 depth of learning in a field of knowledge and by cultivating students' abilities to communicate clearly and to make informed judgments.

Major Program

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

I. English Major Program Core

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

Note: English majors may substitute the sequence ENGL 321-322 for the ENGL 310 general education requirement.

II. Choose one of the following concentrations:

A. Literature

ENGL 410 Shakespeare	3
Literature Electives (15 cr hrs)	15
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 24

B. English Education

ENGL 360 The English Language	3
ENGL 410 Shakespeare	3
English Electives (12 cr hrs)	12
Two additional 300/ 400-level literature courses	
Two additional courses with ENGL prefix (may include additional literature courses)	
Two semesters of ONE foreign language	6
	Total 24

C. Writing

Writing Electives (15 credit hours)	15
ENGL 363 Fiction Writing	
ENGL 373 Poetry Writing	
ENGL 383 Creative Non-Fiction	
(ENGL 363, ENGL 373, and ENGL 383 may be repeated for major program credit)	

English Electives (9 cr hrs)	9
One additional 300-400-level literature course	
Two additional courses with ENGL prefix (may include ENGL 363, ENGL 373, and/ or ENGL 383)	
	Total 24

D. English/ Pre-Law

English Electives (12 cr hrs)	12
Two additional 300/ 400-level literature courses	
Two additional courses with ENGL prefix	
Free Electives (Select one option 1, 2, or 3 below)	12
	Total 24

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 221	American Government: National
POLS 212	American Government: State and Local
POLS 320	Comparative Politics
POLS 322	Politics and the Legislative Process
POLS 498	Law Internship
MCOM 410	Media Law and Ethics
PHIL 310	Critical Thinking
PHIL 420	Ethics

Option 3. Law school coursework if the student meets the Duncan School of Law’s early admissions requirements.

In addition to an LSAT score at the 55th percentile or above, the English faculty recommends that admission requirements for early admission to The Duncan School of Law include a 3.2 cumulative GPA and a 3.2 GPA in the major program coursework completed at the time of the application deadline. The Pre-Law concentration within the BA program in English would allow up to 12 credit hours of coursework at the Duncan School of Law to count toward the BA degree in English, which would be awarded after the student successfully completes the first year of law school.

- Note 1:** Transfer students who have had both of the British Literature Survey Courses at the 200 level are required to take one additional course 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 are required to take one additional 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 review the Lincoln Pre-Law Curriculum in the Pre-Professional Curricula section of this catalog.
- Note 5:** During their senior year, students are obligated to successfully complete the department’s capstone requirements.

Minor Program

English	cr hrs
Twelve credit hours from the following:	12
ENGL 300 Literary Research and Criticism	
ENGL 311 Survey of British Literature I	
ENGL 312 Survey of Literature II	
ENGL 321 Survey of American Literature I	
ENGL 322 Survey of American Literature II	
English Elective (ENGL 290 or 300/400-level ENGL courses)	9
Total	21

DEPARTMENT OF HUMANITIES AND FINE ARTS

Mission Statement

The Department of Humanities and Fine Arts promotes the mission of LMU by offering five majors in the liberal arts: 1) Art, 2) History, 3) Media Communications, 4) Music, 5) Philosophy and Religion. It also offers minors in Art, History, Media Communications, Music, Philosophy and Religion, and Theatre Arts. 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 program 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 broadcasting, the fine arts, government, public service, 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 the “world around us.”

Art (BA)		cr hrs
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.

Media Communications (BA)		cr hrs
PROGRAM CORE		
MCOM 110	Intro to Mass Media	3
MCOM 203	Production Practicum (repeated 3 times)	1
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

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 372	Digital Editing
MCOM 470	Advanced Video Production
MCOM 475	Advanced Digital Editing

Media Sales and Promotion 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

Minor Programs

Media Communications		cr hrs
MCOM 110	Introduction to Mass Media	3
THEA 230	Fundamentals of Acting	3
THEA 250	Fundamentals of Stage Lighting	3
MCOM 260	Copywriting for Digital Media	3
MCOM 280	Multicamera Production	3
MCOM 372	Digital Editing	3
MCOM 410	Media Law and Ethics	3
Total		21

Theatre Arts

THEA 100	Introduction to Theatre	3
THEA 250	Fundamentals of Stage Lighting	3
THEA 330	Acting for the Camera	3
MCOM 333	Film Genre	3
THEA 340	Survey of Dramatic Literature	3
THEA 350	Production Design	3
Vocal Proficiency		0
Total		18

Note: Students taking the major in Media 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.

History (BA)		cr hrs
History (BA) - General Track		
cr hrs		
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)		
		18
Total		36

History (BA) - Pre-Law Track		cr hrs
cr hrs		
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)		
		12
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 4310	Critical Thinking	3
POLS 212	American Government, State and Local	3
POLS 322	Politics and Legislative Process	3
*HIST 344	British History to 1688	3
*HIST 345	British History Since 1688	3
<i>*may be used for required electives in History</i>		

History (BA) - Public History Track		cr hrs
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 250	Introduction to Public History	3
HIST 300	Introduction to Historical Studies	3
HIST 393	Topics in Public History (to be repeated)	3
HIST 394	Museum Studies	3
HIST 480	Historical Methods	3
HIST 498	Internship in Public History	3

Electives in History

Students taking the Public History track should choose one of the following courses. 3

HIST 310	Colonial History	
HIST 344	British History to 1688	
HIST 345	British History since 1688	
HIST 370	History of Appalachia	
HIST 420	American Frontier and Westward Expansion	
HIST 470	American Civil War	
		Total 39

Note: Students are required to earn a “C-” or better in all courses applied to the major or minor program in History. Students must complete HIST 300 with the required grade in two attempts or less to continue in the History program.

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

Music (BA)

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
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

MUSC 131-132, 231-232, 331-332, 431-432	Voice	
MUSC 141-142, 241-242, 341-342, 441-442	Piano	
MUSC 151-152, 251-252, 351-352, 451-452	Instrumental: (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

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

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 hr)

(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 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
<i>Electives: See Program Electives above</i>		3
Total		50

MUSIC (BA with Instrumental/General Music K-12 Teacher Certification)

Major Program		
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	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
<i>Electives: See Program Electives</i>		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.

Philosophy and Religion (BA)		cr hrs
PROGRAM CORE		
PHIL 100	The Meaning of Life	3
PHIL 200	Introduction to Philosophy	3
PHIL 310	Critical Thinking	3
PHIL 420	Ethics	3
PHIL 450	Seminar in Philosophy/Religion	3
REL 210	Survey of the Old Testament or	
REL 220	Survey of the New Testament	3
REL 310	World Religions	3
REL 320	History of Christianity or	
REL 325	Religion in America	3
PROGRAM ELECTIVES		
Select 9 credit hours from the following electives		9
GEOG 350	Geography of Religion	
HIST 340	Medieval History	
HIST 346	Ancient Greece	
HIST 360	Ancient Rome	
HIST 414	Crusades	
PHIL 430	Medical Ethics	
REL 210*	Survey of the Old Testament	
REL 220*	Survey of the New Testament	
REL 315	Comparative Christianity	
REL 320*	History of Christianity	
REL 325*	Religion in America	
		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 in the Pre-Professional Curricula section of this catalog.

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).

Art		cr hrs
ART 100	Art Appreciation	3
ART 105	Design I: 2-d	3
ART 110	Drawing I	3
ART 205	Design II: 3-d	3
ART 220	Painting I	3
ART 381	Survey of Art History I or	
ART 382	Survey of Art History II	3
Elective in Art		3
		Total 21

Media Communication		cr hrs
MCOM 110	Introduction to Media	3
MCOM 250	Fundamentals of Stage Lighting	3
MCOM 260	Copywriting for Digital Media	3
MCOM 280	Multi camera Production	3
MCOM 372	Digital Editing	3

MCOM 410	Media Law and Ethics	3
THEA 230	Fundamentals of Acting	3
		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.

History		cr hrs
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
Electives in History (at least 6 credit hours must be 300/400 level)		9
		Total 21

Music		cr hrs
MUSC 111	Music Theory I	3
MUSC 112	Music Theory II	3
MUSC 101	Piano Class	1
MUSC 321	Music History to 1750 or	
MUSC 322	Music History since 1750	3
Select one concentration of private instruction in applied music:		
MUSC 131-132, 231-232	Voice	
MUSC 141-142, 241-242	Piano	
MUSC 151-152, 251-252	Instrumental	4
Select one area of music ensemble:		
MUSC 113	Concert Choir	
MUSC 153	Concert Band	4
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.

Philosophy and Religion		cr hrs
PHIL 100	The Meaning of Life	3
PHIL 200	Introduction to Philosophy	3
PHIL 420	Ethics	3
REL 210	Survey of Old Testament or	
REL 220	Survey of New Testament	3
REL 310	Comparative World Religions	3
REL 320	History of Christianity or	
REL 325	Religion in America	3
Elective		3
		Total 21

Theatre Arts Minor		cr hrs
MCOM 333	Film Genre	3
THEA 100	Introduction to Theatre	3
THEA 250	Fundamentals of Stage Lighting	3
THEA 330	Acting for the Camera	3
THEA 340	Survey of Dramatic Literature	3
THEA 350	Production Design	3
THEA 100	Introduction to Theatre	3
Vocal Proficiency		0
		Total 21

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.

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

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)

		cr	hrs
CRIM 105	Introduction to Criminal Justice	3	
CRIM 210	Criminal Law	3	
CRIM 215	Criminal Procedure	3	
CRIM 300	Issues and Ethics in Criminal Justice	3	
CRIM 310	Introduction to Criminology	3	
CRIM 380	Research in Criminal Justice (SEWS)	3	
CRIM 480	Criminal Justice Capstone Seminar (SEWS)	3	

Collateral Course Requirements

SOC 100	Introduction to Sociology	3
PSYC 100	Introduction to Psychology	3
POLS 211	American Government: National	3

One of the following:

PSYC 280	Statistical Methods for the Social Sciences	3
MATH 270	Probability and Statistics	3

Select 12 hours from the following electives:

Recommended Electives

CRIM 360	Homeland Security	3
CRIM 498	Practicum in Criminal Justice	1-4
PHIL 310	Critical Thinking	3
SPAN 111	Beginning Spanish I	3
SPAN 112	Beginning Spanish II	3

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	Special Topics	3
CRIM 405	Police Administration	3
CRIM 420	Race, Gender and Crime	3
CRIM 450	Political Violence and Terrorism	3
CRIM 496	Independent Study in Criminal Justice	3
PSYC 330	Forensic Psychology	3
PSYC 350	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

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: counseling and practice track (CPT), science and research track (SRT) and the dual track program (DTP). The dual track program has been our psychology program for many years. For students who know they are primarily interested in counseling practice, there is the counseling and practice track. For students who are interested in a more general psychology major where the primary focus is research, there is the science and research track. The Dual track requires both a research project and internship while the Counseling track requires only the internship and the Science track requires only the research project. Choice of tracks should be discussed with the student’s advisor and other relevant faculty.

Students will be eligible for admission into the Psychology Program after the fall term of their junior year or after the successful completion of PSYC 100, 221-222, 250, 280, 290, 314, 350, and 390 with a grade of “C” or better, the submission of the completed application forms, and the written recommendations of their LMU psychology professors.

During the fall term of their senior year, the students who have chosen to complete an internship will be required to apply for admission into PSYC 498, their senior seminar and internship placement. As psychology majors, students must demonstrate mastery of the four major program competencies. These competencies and program requirements are defined in the Psychology Major Student Handbook. The student may pick up the handbook once an intention to major in psychology has been declared.

Psychology (BS) General Track	cr hrs	
Required of all psychology majors:		
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 250 Interpersonal and Group Dynamics		
PSYC 314 History and Systems in Psychology		
PSYC 315 Theories of Personality		
PSYC 340 Abnormal Psychology		
PSYC350 Social Psychology		
Developmental: Choose one course	3	
PSYC 221 Child & Adolescent Development		
PSYC 222 Adult Development		
PSYC 310 Death, Dying and Grief		
PSYC 420 Psychology of Aging		
Biological Bases: Choose one course (SEWS)	3	
PSYC 390 Physiological and Perceptual Psychology		
Learning and Cognition: Choose one course	3	
PSYC 290 Human Learning and Cognition		
Applied Psychology: Choose one course	3	
PSYC 330 Forensic Psychology		
PSYC 370 Educational Psychology		
PSYC 450 Health and Mind-Body Psychology		
PSYC 470 Psychological Tests and Measurements		
Capstone Course: PSYC 480 Experimental Psychology (SEWS)	3	
Electives in Psychology	9	
	Total 36	

Psychology (BS) Dual Track	cr hrs	
PSYC 100 Introduction to Psychology	3	
PSYC 221 Child & Adolescent Development	3	
PSYC 222 Adult Development	3	
PSYC 250 Interpersonal and Group Dynamics	3	
PSYC 280 Statistical Methods for the Social Sciences	3	
PSYC 290 Human Learning and Cognition	3	
PSYC 314 History and Systems of Psychology	3	
PSYC 315 Theories of Personality	3	
PSYC 340 Abnormal Psychology	3	
PSYC 350 Social Psychology	3	
PSYC 380 Research in Psychology	3	
PSYC 390 Physiological and Perceptual Psychology	3	
PSYC 460 Counseling Theories and Techniques	4	
PSYC 470 Psychological Tests and Measurements	3	
PSYC 480 Experimental Psychology	3	
PSYC 498 Seminar and Internship in Psychological Services	9	
	Total 55	

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 250 Interpersonal and Group Dynamics	3
PSYC 280 Statistical Methods for the Social Sciences	3
PSYC 290 Human Learning and Cognition	3
PSYC 315 Theories of Personality	3
PSYC 340 Abnormal Psychology	3
PSYC 350 Social Psychology	3
PSYC 380 Research in Psychology	3
PSYC 460 Counseling Theories and Techniques	4
PSYC 470 Psychological Tests and Measurements	3
PSYC 498 Seminar and Internship in Psychological Services	9
	Total 46

Psychology (BS) Science and Research Track	cr hrs
PSYC 100 Introduction to Psychology	3
PSYC 221 Child & Adolescent Development	3
PSYC 222 Adult Development	3
PSYC 250 Interpersonal and Group Dynamics	3
PSYC 280 Statistical Methods for the Social Sciences	3
PSYC 290 Human Learning and Cognition	3
PSYC 314 History and Systems of Psychology	3
PSYC 315 Theories of Personality	3
PSYC 340 Abnormal Psychology	3
PSYC 350 Social Psychology	3
PSYC 380 Research in Psychology	3
PSYC 390 Physiological and Perceptual Psychology	3
PSYC 470 Psychological Tests and Measurements	3
PSYC 480 Experimental Psychology	3
	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

The **Political Science** major will enable 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. It is well known that the political science degree 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 non-government organizations (NGOs). (See information on Pre-Law programs).

Political Science (BA)		cr hrs
POLS 211	American National Government: National	3
POLS 212	American. National Government: State and local	3
POLS 220	Introduction to Public Policy	3
POLS 324	Law and the Judicial System	3
POLS 331	Introduction to Constitutional Law	3
POLS 332	Politics and the Legislative Process	3
POLS 334	International Politics	3
POLS 440	Political Theory	3
POLS 497	Political Science Seminar	3
PSYC 280	Statistics for Social Sciences	3
Total		30

Minor Programs

Criminal Justice		cr hrs
CRIM 105	Introduction to Criminal Justice	3
CRIM 210	Criminal Law	3
CRIM 310	Introduction to Criminology	3
Electives in Criminal Justice		9
Total		18

Geography		cr hrs
Select 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 496	Independent Study in Geography	1-6
GEOG 498	Internship	1-6
Total		24-34

Gerontology*		cr hrs
BSCI 490	Practicum in Gerontology	4
HLTH 470	Health of the Elderly	3
HLTH 480	Recreation and Leisure in Aging or	
PSYC 310	Death, Dying, and Grief	3
PSYC 222	Adult Development	3
PSYC 420	Psychology of Aging	3
Approved Elective/Independent Study/Special Topic course		3
Total		19

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

Political Science		cr hrs
POLS 211	National Government	3
POLS 212	State and Local Government	3
POLS 220	Introduction to Public Policy	3
POLS 324	Law and the Judicial System	3
Choose two of the following:		
POLS 331	Constitutional Law	3
POLS 334	International Politics	3
POLS 440	Political Theory	3
POLS 395/495	Special Topics	3
POLS 300/400	Elective	3
POLS 496	Independent Study/Directed Study	3
Total		18

Psychology		cr hrs
PSYC 100	Introduction to Psychology	3
PSYC 221	Child & Adolescent Development or	
PSYC 222	Adult Development	3
PSYC 250	Interpersonal and Group Dynamics or	
PSYC 340	Abnormal Psychology	3
PSYC 290	Human Learning and Cognition	3
PSYC 350	Social Psychology	3
PSYC 380	Research in Psychology	3
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
SOCW 200	Social Work Profession	3
SOCW 230	Introduction to Social Welfare	3
SOCW 240	Orientation to Practice	3
SOCW 311	Human Behavior in the Social Environment I	3
SOCW 312	Human Behavior in the Social Environment II	3
SOCW 320	Child and Family Welfare	3
SOCW 330	Human Diversity and Social Justice	3
SOCW 340	Practice with Individuals	3
SOCW 380	Social Work Research: Design and Methodology	3
SOCW 385	Social Work Research: Data Analysis	3
SOCW 450	Practice with Groups and Families	3
SOCW 460	Practice with Communities and Organizations	3
SOCW 470	Social Welfare Policy and Issues	3
SOCW 480	Social Work Capstone Seminar	4
SOCW 497	Senior Seminar and Internship I	8
SOCW 498	Senior Seminar and Internship II	7
		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, Environmental Science, and Wildlife and Fisheries Biology.

Major Programs

Biology (BS)	cr hrs	
BIOL 270	Ecology	4
BIOL 311	Int. Vert. Anatomy & Physiology I	4
BIOL 315	Molecular Genetics	4
BIOL 321	Botany: Fundamental	4
BIOL 336	General Microbiology	4
BIOL 340	Invertebrate Zoology	4
BIOL 397	Junior Science Seminar	1
BIOL 410	Evolution	3
BIOL 480	Biometry	3
BIOL 497	Senior Science Seminar	1
Select one course from the following:		4
BIOL 312	Int. Vert. Anatomy & Physiology II	
BIOL 322	Botany: Field	
BIOL 483	Research in Biology	
ENVS 440	Coastal Ecology	
ENVS 470	Desert Ecology	
WDLF 330	Ichthyology	
WDLF 340	Herpetology	
WDLF 350	Ornithology	
WDLF 360	Mammalogy	
Total		36

Note: Collateral requirements include BIOL 111,112, CHEM 111-112, 221-222, MATH 150, MATH 270 is a prerequisite for BIOL 480.

Biology (BS) Pre-med Track	cr hrs	
BIOL 194	Pre-med Career Seminar	1
BIOL 311, 312	Integrated Vertebrate A&P I, II	8
BIOL 315	Molecular Genetics	4
BIOL 334L	General Histology Lab	1
BIOL 336	General Microbiology	4
BIOL 360	Immunology	3
BIOL 387	Junior Pre-med Science Seminar	1
BIOL 441, 442	Biochemistry I, II	8
BIOL 450	Molecular Cell Biology	4
BIOL 480	Biometry	3
BIOL 487	Senior Pre-med Science Seminar	1
Total		36

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

Biology (BS) Secondary Education Track	cr hrs	
BIOL 111*, 112	General Biology I,II and Lab	8
BIOL 270	Ecology	4
BIOL 311	Integrated Vert. A&P I	4
BIOL 315	Molecular Genetics	4
BIOL 321	Botany: Fundamental	4
BIOL 340	Invertebrate Zoology	4
BIOL 397	Junior Science Seminar	1
BIOL 410	Evolution	3
BIOL 497	Senior Science Seminar	1
Total		33

Note: 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.

Environmental Science (BS)		cr hrs
BIOL 270	Ecology	4
BIOL 322	Field Botany	4
BIOL 480	Biometry	3
ENVS 100	Introduction to Environmental Science	4
ENVS 220	Soils	4
ENVS 370	Land Use and Environmental Analysis	3
ENVS 397	Junior Science Seminar	1
ENVS 400	Appalachian Ecology	3
ENVS 421	Geographic Information Systems I	3
ENVS 422	Geographic Information Systems II	3
ENVS 450	Aquatic Ecosystems	3
ENVS 490	Environmental and Conservation Ethics	3
ENVS 497	Senior Science Seminar	1
GEOG 300	Environmental Geography	3
Select one of the following:		4
ENVS 370	Land Use and Environmental Analysis	
ENVS 440	Coastal Ecology	
ENVS 470	Desert Ecology	
Total		46

Note: Collateral requirements include BIOL 111-112, CHEM 111-112, 220-230, 331- 332, MATH 270.

Wildlife and Fisheries Biology (BS)		cr hrs
BIOL 270	Ecology	4
BIOL 315	Molecular Genetics	4
BIOL 321	Botany: Fundamental	4
BIOL 322	Botany: Field	4
BIOL 340	Invertebrate Zoology	4
BIOL 480	Biometry	3
ENVS 220	Soils or	
PHYS 211	General Physics I	4
ENVS 370	Land Use and Environmental Analysis	3
WDLF 100	Introduction to Wildlife Management	3
WDLF 280	Law Enforcement and Natural Resources	3
WDLF 330	Ichthyology	4
WDLF 340	Herpetology	4
WDLF 350	Ornithology	4
WDLF 360	Mammalogy	4
WDLF 397	Junior Science Seminar	1
WDLF 430	Applied Ecology: Management of Freshwater Fish	4
WDLF 450	Applied Ecology: Management of Game Birds	4
WDLF 460	Applied Ecology: Management of Game Mammals	4
WDLF 497	Senior Science Seminar	1
Total		66

Note: Collateral requirements include BIOL 111-112, CHEM 111-112, and MATH 270.

Minor Programs

Biology		cr hrs
BIOL 111,112	General Biology I, II	8
BIOL 270	Ecology	4
BIOL 315	Molecular Genetics	4
BIOL 321	Botany: Fundamental	4
Select one 300/400-level course in Zoology		4
Total		24

Note: The minor in Biology is not available to students who take the major in Wildlife and Fisheries Biology or Environmental Science.

Environmental Science		cr hrs
BIOL 270	Ecology	4
ENVS 370	Land Use and Environmental Analysis	3
ENVS 410	Environmental Issues in Appalachia	3
ENVS 421	Geographic Information Systems I	3
ENVS 450	Aquatic Ecosystems	3
GEOG 300	Environmental Geography	3
Total		19

Wildlife and Fisheries Management		cr hrs
WDLF 100	Introduction to Wildlife Management	3
Select two courses from the following:		8
WDLF 330	Ichthyology	
WDLF 340	Herpetology	
WDLF 350	Ornithology	
WDLF 360	Mammalogy	
Select two courses from the following:		8
WDLF 430	Applied Ecology: Management of Freshwater Fish	
WDLF 450	Applied Ecology: Management of Game Birds	
WDLF 460	Applied Ecology: Management of Game Mammals	
Total		19

Note: The minor in Wildlife and Fisheries Biology is not available to students who take the major in Biology or Environmental Science.

Note: Students wishing to meet The Wildlife Society educational requirements for certification as a wildlife biologist should consult closely with their advisors.

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)		cr hrs
CHEM 221, 222	Organic Chemistry I, II	8
CHEM 310	Mathematical Methods in Chemistry	4
CHEM 331, 332	Quantitative and Instrumental Analysis I, II	8
CHEM 397	Junior Science Seminar	1
BIOL 441	Biochemistry I	4
CHEM 451, 452	Physical Chemistry I, II	8
CHEM 460	Inorganic Chemistry	3
CHEM 497	Senior Science Seminar	1
	Total	37

Note: Collateral requirements include CHEM 111-112, MATH 150, MATH 250, PHYS 211- 212.

Chemistry (BS) Pre-med Track		cr hrs
BIOL 311, 312	Integrated Vertebrate Anatomy and Physiology I & II	8
BIOL 315	Molecular Genetics	4
BIOL 336	General Microbiology	4
BIOL 441	Biochemistry I	4
CHEM 221, 222	Organic Chemistry I, II	8
CHEM 310	Mathematical Methods in Chemistry	4
CHEM 331, 332	Quantitative and Instrumental Analysis I, II	8
CHEM 397	Junior Science Seminar	1
CHEM 451, 452	Physical Chemistry I, II	8
CHEM 460	Inorganic Chemistry	3
CHEM 497	Senior Science Seminar	1
	Total	53

Note: 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		cr hrs
CHEM 112	General Chemistry II	4
CHEM 221, 222	Organic Chemistry I, II	8
CHEM 310	Mathematical Methods in Chemistry	4
CHEM 331, 332	Quantitative and Instrumental Analysis I, II	8
CHEM 397	Junior Science Seminar	1
BIOL 441	Biochemistry I	4
CHEM 451/452	Physical Chemistry I, OR II	4
CHEM 460	Inorganic Chemistry	3
CHEM 497	Senior Science Seminar	1
	Total	37

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

Minor Programs

Chemistry		cr hrs
CHEM 111, 112	General Chemistry I, II	8
CHEM 221, 222	Organic Chemistry I, II	8
CHEM 451, 452	Physical Chemistry I, II	8
CHEM 331	Quantitative and Instrumental Analysis I	4
BIOL 441	Biochemistry I	4
	Total	20

DEPARTMENT OF MATHEMATICS

Mission Statement

The Department of Mathematics at Lincoln Memorial University strives to graduate students who demonstrate a notable command of content knowledge and practical skills in program area of choice. Degree tracks incorporate the experimental method, proficient use of technology, and mastery of terminology in the field of mathematics. Graduates of the Department of Mathematics are expected to utilize ethical standards in the practice of their profession, to demonstrate an ability to communicate clearly and effectively, and to appreciate the value of life-long learning. Department graduates go forward to serve their communities, the region and humanity as informed voices for the advancement of understanding in mathematics.

The mathematics program at 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)		cr hrs
COSC 160	Intro. to Comp. Prog. for Math & Sci.	3
MATH 250	Calculus II	4
MATH 255	Calculus III	4
MATH 270	Probability and Statistics	3
MATH 300	Intro to Advanced Math	3
MATH 350	Differential Equations	3
MATH 360	Linear Algebra	3
MATH 450	Intro to Real Analysis	3
MATH 460	Modern Algebra	3
MATH Elective	300-400 level*	3
MATH Elective	300-400 level*	3

Total 35

* Excluding MATH 310 and 470

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

Mathematics (BS) Secondary Teacher Licensure Track		cr hrs
COSC 160	Intro. to Comp. Program for Math & Science	3
MATH 250	Calculus II	4
MATH 255	Calculus III	4
MATH 270	Probability and Statistics	3
MATH 300	Intro to Advanced Math	3
MATH 320	Discrete Math	3
MATH 360	Linear Algebra	3
MATH 380	Geometry	3
MATH 390	History of Mathematics	3
MATH 460	Modern Algebra	3
MATH 470	Math in the Secondary Classroom	3

Total 35

Collateral requirements include MATH 120, 150 as necessary pre-requisites depending on placement scores; STEM 460. Students should also consult the chair of the Department of Undergraduate Education regarding other requirements.

Minor Programs

Mathematics		cr hrs
MATH 250	Calculus II	4
MATH 255	Calculus III	4
MATH 270	Probability and Statistics	3
MATH 300	Intro to Advanced Math	3
MATH Elective	300/400 level*	3
MATH Elective	300/400 level*	3

Total 20

* Excluding MATH 310 and 470.

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

SCHOOL OF BUSINESS

Degree Programs

Mission Statement

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 tri-state region of Kentucky, Tennessee, and Virginia, through our teaching, research, and service mission.

Academic Progression Requirement

School of Business students must earn a "C" or better in all BBA core and major core coursework for each of the baccalaureate degrees and minor programs. 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 three required core or major courses will not be allowed to continue in the major.

Degrees Offered

The School of Business offers three baccalaureate degree programs and three minor programs. These programs are designed to prepare students for careers in academics, for-profit, and non-profit organizations.

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

1. The Management and Leadership Studies Program* (MLP) leads to a Bachelor of Science (BS) degree, and is designed for students who have earned 60 transferable semester credit hours. This 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 for students is available in the 2014-2015 MLP Catalog.
2. Completing the BBA Core leads to the Bachelor of Arts (BA) degree and provides a solid foundation of knowledge and skills in general business practices. While open to all students, the BA is designed for students pursuing another primary field of interest and can serve as a second major. It also provides an alternative to the BBA for the student who discovers an interest in business late in the undergraduate career.

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

			cr hrs
ACCT	210	Financial Accounting	3
ACCT	320	Cost Management I	3
ECON	211	Principles of Macroeconomics	3
ECON	212	Principles of Microeconomics	3
BUSN	270	Business Statistics	3
BUSN	310	International Business	3
BUSN	350	Business Communications	3
BUSN	350x	Junior Writing Requirement	0
BUSN	440	Legal and Ethical Environ. of Business	3
BUSN	440z	Senior Writing Requirement	0
BUSN	450	Business Strategy	3
FIN	360	Corporate Finance	3
MGMT	300	Principles of Management	3
MKTG	300	Principles of Marketing	3
			Total 36

Accounting Major (BBA)

Mission Statement

The Accounting major program stands in support of the mission of the School of Business at LMU, as a major option. The mission of the Lincoln Memorial University Accounting program is to advance the accounting profession through excellence in accounting education, the production and dissemination of useful and timely research, and providing relevant continuing education and professional outreach activities that meet the needs of alumni, employers, and other constituents.

The educational mission of the Lincoln Memorial University Accounting program is to prepare students for professional careers in industry, public accounting, and other organizations. An accounting education emphasizing technological, cognitive, and communication skills in the undergraduate program provides the foundation for a professional career in industry, government, or graduate study.

Learning Goals

1. Students will demonstrate accounting knowledge 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.
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.

Required Classes

	cr hrs
ACCT 311 Intermediate Accounting I	3
ACCT 312 Intermediate Accounting II	3
ACCT 321 Cost Management II	3
ACCT 330 Income Tax	3
ACCT 340 Accounting Information Systems	3
ACCT 440 Auditing	3
ACCT 410 Fund Accounting or	
ACCT 420 International Accounting or	
ACCT 498 Internship in Accounting	3
ACCT 497 Seminar in Accounting	3
Total	24

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

Energy Management Major (BBA)

Mission Statement

The Energy Management major program stands in support of the mission of the School of Business at LMU, as a major option. The program prepares students to enter the energy industry by providing a comprehensive business education. Students will be prepared in the major with knowledge of the business of energy, environmental science, and management.

Learning Goals

1. Students will be able to identify energy management problems, conduct business research to identify alternative solutions to problems, communicate findings and to identify and select the best alternatives in order to implement solutions to ameliorate management problems in the energy industry.
2. Students will be able to identify the fundamental principles of the economics of natural resources; explain the concept of external impacts of resource use and methodologies for supporting them in the energy industry.
3. Students will be able to explain the design and operation of energy markets.
4. Students will be able to apply an understanding of the influence of political, social, legal, and regulatory issues on energy management topics.
5. Students will be knowledgeable of the ethical and environmental issues in the field of energy management.

Required Classes

	cr hrs
BUSN 320 Fundamentals of Professional Land and Resources Management	3
BUSN 410 Contract Law I	3
GEOG 300 Environmental Geography	3
ENVS 410 Environmental Issues in Appalachia	3
ENVS 421 Geographical Information Systems I	3
ENVS 422 Geographical Information Systems II	3
MGMT 497 Management Strategy	3
BUSN 498 Internship or Business Elective (300/400)	3
Total	24

General Business Major (BBA)

Mission Statement

The General Business Major prepares leaders for a global business environment, by providing an innovative, sustainable, and diverse academic program. The faculty facilitates excellence in learning through commitment to teaching, research, and service. The major supports individual responsibility to the community by incorporating both ethics and social responsibility in decision-making.

The general business major aspires to become the premier provider of leaders to the business community, as well as to be a major of choice for students

Learning Goals

1. Students will demonstrate knowledge and skills about business in general.
2. Students will utilize cross-functional knowledge to solve concrete business problems.
3. Students will employ effective written, oral, and electronic business communications.
4. Students will collect, analyze, and evaluate information to take informed business decisions.

Required Courses

Electives in Business Administration (must be eight 300/400-level courses beyond the BBA Core, with at least three prefixes represented) Total 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, take decisions, and understand the impact of their decisions.

Learning Goals

1. Students will demonstrate 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 pertinent business technology to support the function of management.
3. Students will demonstrate specific functional knowledge in the areas of accounting, finance, economics, management, marketing, and quantitative methods to solve management problems.
4. Students will demonstrate an understanding of the influence of political, social, legal, and regulatory issues in business from a managerial perspective.
5. Students will demonstrate knowledge of ethical and environmental issues and how they relate to managerial decision making in business.

Required Courses

		cr hrs
MGMT 310	Human Resource Management	3
MGMT 320	Organizational Behavior	3
MGMT 330	Operations Management	3
MGMT 360	Organizational Theory	3
MGMT 414	Negotiations in Organizations	3
MGMT 420	Fundamentals of Leadership	3
MGMT 497	Management Strategy	3
BUSN 498	Internship or Business Elective (300/400-level)	3
	Total	24

Marketing Major (BBA)

Mission Statement

The mission of Marketing Major is to provide an environment of excellence in marketing education that serves the diverse needs of our stakeholders

Learning Goals

1. Students will apply the knowledge of marketing area concepts and theories of marketing appropriately.
2. Students will be able to identify strategic marketing problems and opportunities facing an organization and make recommendations on solving those strategic marketing problems.
3. Students will be analyzing marketing problems or opportunities facing an organization
4. Students solve marketing problems using qualitative analysis.
5. Students will be able to solve marketing problems using quantitative analysis.

Required Courses

		cr hrs
MKTG 310	Advertising	3
MKTG 330	Consumer Behavior	3
MKTG 340	Brand Management	3
MKTG 420	Sales Management	3
MKTG 430	Marketing Management	3
MKTG 440	Marketing Research	3
MKTG 497	Marketing Strategy	3
BUSN 498 or Business Elective (300/400 level)		3
	Total	24

Professional Golf Management Major (BBA)

Mission Statement

The PGM major program stands in support of the mission of the School of Business at LMU, as a major option. The program prepares students to enter the golf industry by providing a comprehensive business education. Students will be prepared in the major with knowledge of the business of golf, facilities management, and marketing.

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. Students 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. Students 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.

Required Courses

	cr hrs
PGM 110 Introduction to Professional Golf Management	3
PGM 210 Introduction to Golf Instruction	3
PGM 220 Turf grass Management	3
MGMT 330 Operations Management	3
MKTG 310 Advertising	3
MKTG 420 Sales Management	3
MKTG 497 Marketing Strategy	3
PGM 498 PGM Internship or Business Elective (300/400 level)	3
Total	24

Bachelor of Arts in Business (BA) Degree

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 ethical and environmental issues in business.

Required Courses

	cr hrs
ACCT 210 Financial Accounting	3
ACCT 320 Cost Management I	3
ECON 211 Principles of Macroeconomics	3
ECON 212 Principles of Microeconomics	3
BUSN 270 Business Statistics	3
BUSN 310 International Business	3
BUSN 350 Business Communications	3
BUSN 350x Junior Writing Requirement	0
BUSN 440 Legal and Ethical Environ. Of Business	3
BUSN 440z Senior Writing Requirement	0
BUSN 450 Business Strategy	3
FIN 360 Corporate Finance	3
MGMT 300 Principles of Management	3
MKTG 300 Principles of Marketing	3
Total	36

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 Business Professional Secondary Education Track.

Business Professional Secondary Education Track

Required Courses		cr hrs
EDUC 210	Instructional Tech. & Learning Resources	3
EDUC 290	Intro to Teaching & Professional Ethics	3
EDUC 320	K-12 Differentiated Learning	3
EDUC 360	Methods of Teaching in Middle School	2
EDUC 370	Measurement and Evaluation	3
EDUC 390	Diversity in Today's Classroom	2
EDUC 460	Methods of Instructions in Secondary Schools	3
EDUC 480	Classroom Management	2
EDUC 497	Enhanced Student Teaching	6
PSYC 221	Child and Adolescent Development	3
PSYC 370	Educational Psychology	3
SPED 270	Teaching the Exceptional Learner	2

Total 35

Concentration Areas

In this option, a student will choose a major in ACCT, MKTG, or MGMT. The student and their advisor will then select 18 hours from the major and 6 hours of 300/400 level courses in a selected concentration area, which does not include business core course requirements.

Concentration areas:

1. ACCT (Accounting)
2. ISYS (Information Systems)
3. FIN (Finance)
4. MGMT (Management)
5. MKTG (Marketing)
6. Entrepreneurship*

*Requires completion of MGMT 340 and MKTG 450.

Bachelor of Science in Management and Leadership Studies (BS) Degree

The Management and Leadership Studies Program (MLP) is designed to students who have 60 semester credit hours of college credit. Specific program information may be obtained from the 2014-2015 *Management and Leadership Studies Catalog*.

Minor Programs

Entrepreneurship		cr hrs
BUSN 350	Business Communications	3
MGMT 300	Principles of Management	3
MKTG 300	Principles of Marketing	3
MGMT 440	Entrepreneurship	3
MGMT or MKTG	Elective	3
BUSN 460 or FIN 360 or BUSN 380		3
		Total 18

General Business		cr hrs
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

Information Systems		cr hrs
ISYS 220	Principles of Applied Business Programming	3
ISYS 260	Business Analysis Tools	3
ISYS 310	Applied Business Programming	3
ISYS 330	Database Management	3
ISYS 450	Project Management	3
ISYS 495	Special Topics or	
ISYS 498	Internship	3
		Total 18

CARTERS AND MOYERS SCHOOL OF EDUCATION

NCATE 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)**

Adopted by the Carter and Moyers of School of Education Faculty 5/11/12

Unit Commitment to Diversity

The School of Education recognizes differences among groups 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 offers programs of study that lead to teacher licensure in Tennessee in elementary education, secondary education, special education 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 in Elementary Education

In addition to the General Education component and the Professional Education core students pursuing a program of study leading to Tennessee licensure in Elementary Education (grades K -6), are required to complete the following curriculum. Coursework in the Interdisciplinary Studies in Human Learning and Development, Special Education, and Secondary 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. Every candidate must complete provisional process during Transition I. The provisional admissions process is initiated during EDCU 290. Criteria and procedures for admission into the program are as follows:

Provisional Admission:

1. Complete the application form and submit with the following documents:
 - a. TBI Fingerprint Criminal Background Check
 - b. Three References
 - c. Three essays (completed in EDUC 290)
2. Required scores from **one** of the following:
 - a. ACT of 22 or higher
 - b. SAT of 1020 or higher
 - c. CASE (reading: 156; writing: 162; math: 150)
3. Cumulative GPA of 2.5
4. Signed Ethics/Plagiarism Statement
5. Proof of liability insurance maintained throughout entire program.
6. Evidence of 2 Professional Development Workshops

Formal Admission: (occurs during Transition II):

1. TBI Fingerprint Criminal Background Check on file.
2. Proof of liability insurance (Must be maintained throughout entire program)
3. Transition I testing requirements met
4. Cumulative GPA of 2.5
5. Provide proof of current CPR certification
6. Proof of 4-6 professional development workshops attended
7. Formal Admission Interview with the Admissions Committee

Professional Education Core cr hr

EDUC 210	Instructional Technology and Learning Resources*	3
EDUC 290	Introduction to Teaching and Professional Ethics <i>(10 hrs Clinical Field Experience)</i>	3
EDUC 320	K-12 Differentiated Learning <i>(5 hrs Clinical Field Experience)</i>	3
EDUC 390	Diversity in Today's Classroom <i>(10 hrs Clinical Field Experience)</i>	2
EDUC 480	Classroom Management <i>(50 hrs Clinical Field Experience)</i>	2
EDUC 480Z	SEWS Writing Requirement (K-6 only)	
EDUC 497	Enhanced Clinical Experience/Seminar	12
PSYC 221	Child and Adolescent Development*	3
PSYC 370	Educational Psychology	3
SPED 270	Teaching the Exceptional Learner <i>(20 hrs Clinical Field Experience)</i>	2

*Meets General Education Requirement

Note: All students seeking a Bachelor of Science in Interdisciplinary Studies in Human Learning and Development, Special Education, and Secondary Education majors must complete the Professional Education Core and the appropriate major core.

Note: Candidates may not advance beyond EDUC 210, 290, and 320, and SPED 270 until ACT, SAT, or CASE testing requirements are met.

Interdisciplinary Studies in Human Learning and Development (BS)

Major Core:

CDEV 400	Integrated Creative Expression	3
CEDV 450	Early Childhood Development	3
EDUC 310	Introduction to Research and Technical Writing in Education (SEWS)	1
EDUC 340	Instructional and Assessment Strategies (30 hrs Clinical Field Experience)	3
EDUC 350	Methods of Teaching Elementary Science	3
EDUC 355	Methods of Teaching Social Studies	3
EDUC 375	Children’s Literature	3
EDUC 410	Methods of Teaching Elementary Reading	3
EDUC 430	Methods of Teaching Elementary Language Arts	3
EDUC 450	Methods of Teaching Elementary Math	3
HLTH 340	School Health Programs and Services	3
PEXS 344	Human Learning and Psychomotor Development	3

Choose 18 hrs in one or more emphasis area:
English, Social Studies, Math, Science

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:

EDUC 360	Secondary Instructional Methods and Strategies (30 hrs Clinical Field Experience)	2
EDUC 460	Methods of Instruction in Secondary School*	3
EDUC 370	Measurement and Evaluation	3

*EDUC 460 is taken by those candidates whose major does not include a content specific methods course.

Note: Candidates in secondary licensure programs are not required to adhere to transitions; however, they must meet the same requirements for provisional and formal admissions.

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)

Major Core:

CDEV 400	Integrated Creative Expression	3
EDUC 310	Intro to Research and Technical Writing in Education (SEWS)	1
EDUC 375	Children’s Literature	3
EDUC 410	Methods of Teaching Elementary Reading	3
EDUC 450	Methods of Teaching Elementary Math	3
HLTH 340	School Health	3
PEXS 344	Human Learning & Psychomotor Development	3
PSYC 280	Statistical Methods for Social Sciences	3
PSYC 290	Human Learning & Cognition	3
SPED 180	IEP Development, Assessment, and Family School Collaboration	3
SPED 190	Family School Collaboration	3
SPED 210	Managing Academic and Social Behavior of Students with Disabilities	3
SPED 230	Characteristics and Communication of Students with Severe Disabilities	3
SPED 330	Methods of Instruction and Support for Students with Severe Disabilities	3
SPED 400	Methods of Literacy, Language, and Communication	3
SPED 410	Access, Assistive Technology, AAC, and Functional Academics	3
SPED 420	Transition and Employment for Students with Disabilities	3
SPED 490	Research to Practice in Special Education Seminar (SEWS)	3

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 214
Telephone: 423-869-6405
Email: erin.brock@lmunet.edu

Office of Candidate Development/Services
Business Education 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

**DEPARTMENT OF
HEALTH, PHYSICAL EDUCATION AND EXERCISE
SCIENCE**

Mission Statement

The Health, Physical Education and Exercise 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)		cr hrs
HLTH 120	Safety, First Aid and CPR	2
HLTH 210	Nutrition	3
HLTH 425	Sport and Exercise Nutrition	3
PEXS 200	Foundations of Physical Education , Sport & Fitness	2
PEXS 265	Injury Prevention & Emergency Management	3
PEXS 271	Anatomy & Physiology for HPEES	3
PEXS 275	Technology for HPEES	2
PEXS 300	Exercise Physiology	3
PEXS 310	Measurement & Evaluation for HPEES	3
PEXS 344	Human Learning & Psychomotor Development	3
PEXS 350	Sport and Exercise Psychology	3
PEXS 372	Kinesiology & Biomechanics	3
PEXS 430	Organization and Administration	3
PEXS 435	Exercise Prescription	3
PEXS 485	Research Methods	3
PEXS 493A	Practicum in Exercise Science	1,2,3
Total		46-48

Physical Education (BS)		cr hrs
HLTH 120	First Aid and CPR	2
HLTH 340	School Health Programs and Services	3
HLTH 360	Drug Awareness	3
PEXS 200	Foundations of Physical Education , Sport & Fitness	2
PEXS 265	Injury Prevention & Emergency Management	3
PEXS 271	Anatomy & Physiology for HPEES	3
PEXS 275	Technology for HPEES	2
PEXS 300	Exercise Physiology	3
PEXS 310	Measurement & Evaluation for HPEES	3
PEXS 344	Human Learning & Psychomotor Development	3

PEXS 360	Games and Dance	3
PEXS 372	Kinesiology & Biomechanics	3
PEXS 400	Exercise Physiology II	3
PEXS 430	Organization and Administration	3
PEXS 480	PE for Special Populations	3
PEXS 440	K-12 Curriculum & Methods in Physical Education	3
Elective in anything		2
Total		47

Note: Students preparing for teacher licensure in Physical Education should also consult the School of Education.

Health (BS)		cr hrs
HLTH 110	Introduction to Health	1
HLTH 120	First Aid and CPR	2
HLTH 215	Writing for Health Professionals	1
HLTH 225	Emerging Issues in Health	1
HLTH 330	Consumer and Environmental Health	3
HLTH 335	Communicable & Non-communicable Diseases	3
HLTH 340	School Health Programs and Services	3
HLTH 350	Health Economics	3
HLTH 360	Drug Awareness	3
HLTH 365	Epidemiology	3
HLTH 420	Theories in Health Education	3
HLTH 470	Health of the Elderly	3
HLTH 485	Grant Writing and Procurement	3
HLTH 493	Practicum in Health	1,2,3
PEXS 271	Anatomy & Physiology for HPEES	3
PEXS 275	Technology for HPEES	2
PEXS 310	Measurement & Evaluation f or HPEES	3
PEXS 344	Human Learning & Psychomotor Development	3
PEXS 430	Organization and Administration	3
PEXS 485	Research Methods	3
Total		50-52

Health Endorsement		cr hrs
HLTH 110	Introduction to Health	1
HLTH 215	Writing for Health Professionals	1
HLTH 225	Emerging Issues in Health	1
HLTH 210	Nutrition	3
HLTH 230	Family Living	3
HLTH 340	School Health Programs	3
HLTH 360	Drug Awareness	3
PEXS 310	Measurement & Evaluation for HPEES	3
Total		18

Concentration Areas

Sports Management Concentration		cr hrs
BUSN 440	Legal and Ethical Environment of Business	3
MGMT 300	Principles of Management	3
MGMT 320	Organizational Behavior	3
MGMT/PEXS 497	Seminar in Management	3
MKTG 300	Principles of Marketing	3
Select two courses from the following:		6
MGMT 310	Human Resource Management	
MGMT 440	Entrepreneurship	
MGMT 450	Management Information Systems	
Total		21

Exercise Science		cr hrs
HLTH 120	First Aid and CPR	2
PEXS 265	Injury Prevention & Emergency Management	3
PEXS 271	Anatomy & Physiology for HPEES	3
PEXS 300	Exercise Physiology	3
PEXS 310	Measurement & Evaluation for HPEES	3
PEXS 344	Human Learning & Psychomotor Development	3
PEXS 372	Kinesiology & Biomechanics	3
PEXS 493A	Practicum in Exercise Science	1-3
Total		21-23

Minor Programs

Athletic Coaching		cr hrs
HLTH 120	Safety, First Aid, and CPR	2
PEXS 251	Individual and Dual Sports	2
PEXS 252	Team Sports	2
PEXS 265	Injury Prevention & Emergency Management	3
PEXS 271	Anatomy and Physiology for Health, Physical Education and Exercise Science	3
PEXS 372	Kinesiology and Biomechanics	3
Select two courses from the following:		6
PEXS 351	Coaching	
PEXS 352	Sports Officiating	
PEXS 450	Leadership in Sports and Coaching	
Total		21

Strength and Conditioning		cr hrs
HLTH 120	First Aid and CPR	2
HLTH 425	Sport and Exercise Nutrition	3
PEXS 271	Anatomy & Physiology for HPEES	3
PEXS 300	Exercise Physiology	3
PEXS 372	Kinesiology & Biomechanics	3
PEXS 385	Scientific Foundations of Strength & Conditioning	2
PEXS 386	Practice & Application of Strength & Conditioning	2
PEXS 435	Exercise Prescription	3
PEXS 493C	Practicum in Strength & Conditioning	1-3
Total		22-24

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

Health		cr hrs
HLTH 120	Safety, First Aid, and CPR	2
HLTH 210	Nutrition	3
HLTH 230	Family Living	3
HLTH 330	Consumer and Environmental Health	3
HLTH 340	School Health Programs and Services	3
HLTH 360	Drug Awareness	3
HLTH 470	Health of the Elderly	3
HLTH 493	Practicum in Health	1
Total		21

CAYLOR SCHOOL OF NURSING

Undergraduate Nursing

Mission Statement

In agreement with the University's mission and goals, the faculty of the Caylor School of Nursing strives to instill responsibility and high moral/ethical standards in the preparation of quality nurses, at multiple levels of nursing education, through superior academic programs at the undergraduate and graduate level. Specifically, the mission of the faculty is to prepare nurses with the ASN, BSN, and MSN degree, to assist individuals, families, communities, and society as they adapt to changes in physiological needs, role function, self-concept, and interdependent relationships during health and illness. The Caylor School of Nursing seeks to respond to the needs of nursing education and healthcare in the surrounding communities by preparing nurses at multiple levels and by providing continuing education/professional development opportunities that are rooted in knowledge, research, and other scholarly activities.

Purpose

Responding to the needs of nursing education and health care of the people of the region, Lincoln Memorial University established the 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 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 MSN program was initiated to educate advanced practice nurses in 2006, and the BSN program commenced in 2010.

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) Degree Program

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, positive history of chicken pox 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		cr hrs
LNCN 100 Lincoln's Life and Legacy		1
II. Academic Skills		
COMM 200 Fundamentals of Speech Communication		3
ENGL 110 Freshman Composition		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		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		
THEA 100 Introduction to Theatre		
MCOM 410 Media Law and Ethics		
ENGL 210 Writing about World Literature and Culture		
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
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*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

**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.

ASN Nursing Component cr hrs

NURS 115 Foundations of Nursing (not required for LPN-RN students only)	6
NURS 124 Humans as Adaptive Systems (required for LPN-RN students in place of NURS 125)	5
NURS 125 Humans as Adaptive Systems: Promotion of Adaptation in the Physiologic Mode (required for generic ASN students)	6
NURS 126 Humans as Adaptive Systems: Promotion of Adaptation in the Psychosocial Modes (required for all ASN students)	3
NURS 241 Promotion of Adaptation in Adults (I) (required for all ASN students)	7
NURS 242 Promotion of Adaptation in Adults (II) (required for generic ASN students)	6
NURS 244 Promotion of Adaptation in Adults (II) (required for LPN-RN students in place of NURS 242)	5
NURS 245 Promotion of Adaptation in Children (required for all ASN students)	3
NURS 246 Promotion of Adaptation in Childbearing Families (required for all ASN students)	4
NURS 290 Nursing Seminar (required for all ASN students)	1
*Nursing Total	36
ASN 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.

ASN Program Progression and Readmission

Attendance at a nursing orientation session prior to beginning the ASN program is mandatory. In addition, attendance is mandatory on the first day of all NURS courses. If a student fails to attend the first day of a NURS course, they may forfeit their space in the program.

Students must successfully complete both theoretical and clinical components of any course bearing the NURS prefix. 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.

ASN Grading Scale

The LMU Grading System is based on a 4.0 scale.

The grading scale for the ASN Program is as follows:

A	90-100	4.00 quality points
B+	87-89	3.33 quality points
B	80-86	3.00 quality points
C+	77-79	2.33 quality points
C	70-76	2.00 quality points
D+	67-69	1.33 quality points
D	60-66	1.00 quality points
F	Below 60	0 quality points

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.

Bachelor of Science in Nursing (BSN Option) Degree Program

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 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 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.
- 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, positive history of chicken pox 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.

		cr hrs
I. Lincoln Seminars		
LNCN 100	Lincoln's Life and Legacy	1
LNCN 300	American Citizenship/Civic Life	1
II. Academic Skills		
ENG 110	Freshman Composition	3
ENG 210	Writing about World Lit/Culture	3
ENG 310	Writing about American Culture	3
COMM 200	Fund. of Speech Communication	3
MATH 270	Statistics*	3
Technology		
ISYS 100	Computer Literacy	2
III. Personal Development		
HLTH 210	Nutrition*	3
Choose one of the following to satisfy		3
PHIL	Elective*	
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 Religious	
REL 315	Comparative Christianity	
IV. History		
HIST 121	World History to 1500	3
HIST 122	World History Since 1500	3
	or	
HIST 131	American History to 1870	3
HIST 132	American History since 1870	3
V. Fine Arts		
	Fine Arts Requirement (see page 33)	3
VI. Social/Behavioral Sciences		
PSYC 221	Child/Adolescent Development* (elective) (see page 34)	3 3
VII. Natural/Physical Sciences		
BIOL 100	Introduction to Biology & Lab or	
BIOL 111	General Biology I & Lab or	
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
		Total 68

*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		cr hrs
NURS 310	Pharmacology to Promote Adaption	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 I	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 II	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)

Degree Program

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 options 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, Rubeola & Mumps titer or documentation of 2 MMR vaccines; Varicella titer,
- positive history of chicken pox 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.

	cr hrs
I. Lincoln Seminars	
LNCN 100 Lincoln's Life and Legacy	1
LNCN 300 American Citizenship/Civic Life	1
II. Academic Skills	
ENG 110 Freshman Composition	3
ENG 210 Writing about World Lit/Culture	3
ENG 310 Writing about American Culture	3
COMM 200 Fund. of Speech Communication	3
MATH 270 Statistics*	3
Technology	
ISYS 100 Computer Literacy	2
III. Personal Development	
Choose one of the following to satisfy	3
PHIL Elective*	
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 Religious	
REL 315 Comparative Christianity	
IV. History	
HIST 121 World History to 1500	3
HIST 122 World History Since 1500	3
or	
HIST 131 American History to 1870	3
HIST 132 American History since 1870	3
V. Fine Arts	
Fine Arts Requirement (see page 33)	3
VI. Social/Behavioral Sciences	
PSYC 221 Child/Adolescent Development*	3
(elective) (see page 34)	3
VII. Natural/Physical Sciences	
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
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 grade 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:

A	90-100	4.00 quality points
B+	87-89	3.33 quality points
B	80-86	3.00 quality points
C+	77-79	2.33 quality points
C	70-76	2.00 quality points
D+	67-69	1.33 quality points
D	60-66	1.00 quality points
F	Below 60	0 quality points

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: H. Napier

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: R. Wilcox

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.

	cr hrs
CHEM 111, 112 General Chemistry I, II	8
ENGL 110 Freshman Composition	3
ENGL 210 Writing about World Lit & Culture	3
ENGL 310 American Literature	3
HUMN (Art, Music, History, Language, etc.)	3
MATH 150 Calculus I	4
MATH 250 Calculus II	4
MATH 255 Calculus III	4
MATH 300 Intro to Advanced Math	3
MATH 350 Differential Equations	3
MATH 360 Linear Algebra	3
Social Sciences	3
UACT Activity Course	2
Chemical Engineering majors should also take:	
CHEM 221, 222 Organic Chemistry I, II	8
Industrial Engineering majors should substitute for the Social Sciences:	
ECON 211 Principles of Macroeconomics	3
ECON 212 Principles of Microeconomics	3
Total	60

Pre-Law Curriculum

Advisor: R. Keeton

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

THEA 330	Acting for the Camera	3
Select one course from:		3
ENGL 311	Survey of British Literature I	
ENGL 312	Survey of British Literature II	
ENGL 321	Survey of American Lit I	
ENGL 322	Survey of American Lit II	
Select one course from:		3
HIST 131	American History to 1877	
HIST 132	American History since 1877	
Select one course from:		3
POLS 211	American Government: National	
POLS 212	American Government: State and Local	
ECON 470	History of American Economic Thought	
GEOG 300	Environmental Geography	
Select one course from:		3
PHIL 310	Critical Thinking	
PHIL 420	Ethics	
Select one course from:		3
BUSN 440	Legal and Ethical Environment of Business	
MCOM 410	Media Law and Ethics	
CRIM 105	Introduction to Criminal Justice	
CRIM 210	Criminal Law	
CRIM 220	Introduction to Courts	
CRIM 330	Drugs and Society	
CRIM 405	Criminal Justice Administration	
POLS 420	Politics and the Law	
Total		18

Pre-Medicine Curriculum

Advisors: H. Napier, C. Ryder, J. Clark 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.

		cr hrs
BIOL 194	Pre-med Career Seminar	1
BIOL 311, 312	Integrated Vertebrate Anatomy & Physiology I, II	8
BIOL 315	Molecular Genetics	4
BIOL 334L	General Histology Lab	1
BIOL 336	General Microbiology	4
BIOL 360	Immunology	3
BIOL 387	Junior Pre-med Science Seminar	1
BIOL 441, 442	Biochemistry I, II	8
BIOL 450	Molecular Cell Biology	4
BIOL 480	Biometry	3
BIOL 487	Senior Pre-med Science Seminar	1
CHEM 111, 112	General Chemistry I, II	8
CHEM 221, 222	Organic Chemistry I, II	8
COMM 200	Fundamentals of Speech Communication	3
ENGL 110	Freshman Composition	3
ENGL 210	Writing about World Lit & Culture	3
MATH 150	Calculus I	4
MATH 270	Probability and Statistics	3
PHYS 211, 212	General Physics I, II	8
PHIL 430	Medical Ethics	3
PSYC 100	Introduction to Psychology	3
PSYC 315 or 340	Theories of Personality OR Abnormal Psychology	3
SOCI 100	Introduction to Sociology	3
	Total	87

Pre-Veterinary Medicine Curriculum

Advisor: B. Burchette

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.

Coursework typically includes the following: English, three semesters; mathematics, two semesters; chemistry, five 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 technology, biology, or chemistry.

	cr hrs
English	6
Humanities and Social Sciences	18
Physics	8
General Chemistry	8
Organic Chemistry	8
Biochemistry	4
General Biology	8
Genetics	3-4
Cellular Biology or Microbiology	3-4
Mathematics / Calculus	5-6
	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.

	cr	hrs
College Mathematics	6	
College Physics*	8	
College Statistics	3	
English Composition	3	
General Biology*	8	
Integrated Vertebrate Anatomy & Physiology I, II	8	
General Microbiology	4	
Humanities	3	
Organic Chemistry*	8	
Public Speaking	6	
Electives	10	
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: H. Napier

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.

	cr	hrs
BIOL 195	1	
BIOL 311, 312	8	
BIOL 311	1	
BIOL 315	4	
BIOL 336	4	
BIOL 360	3	
BIOL 387	1	
BIOL 441, 442	8	
BIOL 450	4	
BIOL 480	3	
BIOL 487	1	
CHEM 111, 112	8	
CHEM 221, 222	8	
COMM 200	3	
ENGL 110	3	
ENGL 210	3	
MATH 150	4	
MATH 270	3	
PHYS 211, 212	8	
PHIL 430	3	
PSYC 100	3	
PSYC 315 or 340	3	
SOCI 100	3	

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.

Pre-Physical Therapy Curriculum

Advisor: J. Mansfield

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.

	cr	hrs
BIOL 111, 112	8	
BIOL 261*	4	
BIOL 262*	4	
CHEM 100, 111	8	
COMM 200	3	
ENGL 110	3	
ENGL 210	3	
ENGL 310	3	
Fine Arts Elective (ART/COMM/MUSC 100)	3	
HIST121, 122	6	
LNCN 100	1	
LNCN 300	1	
MATH course(s)	5-6	
MATH 270	3	
PHYS 211, 212	8	
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	3	
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 financial accounting from the users' perspective. Its primary purposes are to promote understanding of financial accounting information for decision-making purposes and to focus on financial accounting's role in communicating business results. Prerequisite: MATH 101 or MATH 105 or MATH 111, BUSN 260. Fall.

ACCT 311 - Intermediate Accounting I (3 cr hrs)

This course will discuss the accounting for inventories, current liabilities, accounting for income taxes, and operational assets. Prerequisite: ACCT 210; Fall.

ACCT 312 - Intermediate Accounting II (3 cr hrs)

This course will discuss contributed capital, changes in capital, stock rights and options, consolidated financial statements, long-term debt securities, debt extinguishing/restructure, and pensions. Prerequisite: ACCT 311; Spring.

ACCT 320 - Cost Management I (3 cr hrs)

This course provides an in-depth coverage of cost and 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, and the utilization and management of an organization's resources.

Pre-requisites: ACCT 210, BUSN 270. Spring.

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.) Pre-requisite: ACCT 320. Spring odd years.

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 340 - 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 410 - Fund Accounting (3 cr hrs)

This course addresses the auditing principles applied to budgets, appropriations, current funds, bonded indebtedness, and methods of reporting in nonprofit organizations. 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 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. Fall even years.

ACCT 497 - Seminar in Accounting (3 cr hrs)

This capstone includes individual research and group discussion of advanced accounting issues and problems. Prerequisites: ACCT 312, 321, 330, 340. Spring.

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.

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-d (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-d (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 potter's wheel, and glazing procedures. Fall/Spring

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)

Studio course. Development of personal style and aesthetic statement. Portfolio and exhibition preparation. Prerequisite: ART 310. Fall.

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. (3 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. Co-requisite: ATTR 170L. Spring.

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. Co-requisite: 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 hr)

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.

Co-requisite: ATTR 226. Fall.

ATTR 228 - Sports Emergency Care for the Athletic Trainer II (2 cr hrs)

This course continues the series to provide the athletic training student with knowledge and skills to handle emergency situations common to athletic situations. Pre-requisite: ATTR 226. Spring.

ATTR 281 - Practicum I in Athletic Training (1 cr hr)

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 (1 cr hr)

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. Co-requisite: 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. Co-requisite: 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, 296L. Co-requisite: 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, 296L. Co-requisite: 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. Co-requisite: 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. Co-requisite: 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. Co-requisite: 311L. 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. Co-requisite: 311. Spring.

ATTR 371 - Rehabilitation of Athletic Injuries I (2 cr hrs)

Practical applications of athletic training techniques related to general rehabilitation concepts. Prerequisite: ATTR 298, 298L. Co-requisite: ATTR 371L. 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. Co-requisite: 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. Co-requisite: 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. Co-requisite: 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 (1 cr hr)

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, lower 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 (1 cr hr)

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 (3 cr hrs)

This course is designed to introduce the physical fitness and resistance training concepts necessary for athletic trainers. Pre-requisite: ATTR 170, 170L. Co-requisite: 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. Pre-requisite: ATTR 170, 170L. Co-requisite: ATTR 405. Fall.

ATTR 471 - Medical Considerations in Sports Medicine I (3 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 (3 cr hrs)

Provides students foundational knowledge in the common medical conditions and pharmacological interventions associated with the gastrointestinal, genitourinary, and endocrine systems. Prerequisites: ATTR 472. Spring.

ATTR 481 - Practicum V in Athletic Training (1 cr hr)

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: administration 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 (1 cr hr)

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 (3 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. Co-requisite: 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 between organisms. Includes plants and animals. Co-requisite: B100 lab, 1 credit hour. Spring and Fall.

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. Co-requisite: BIO 111- lab, Class 3 credits, Lab 1 credit. Spring and Fall. 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. Co-requisite: BIO 112 lab, Class 3 credits, Lab 1 credit. Spring and Fall. 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 mid-term 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. Co-requisite: 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 mammals. Physiological lab experiments and/or computer simulation exercises will also be conducted. Co-requisite: 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. Prerequisite: successful completion of BIOL261 and BIOL261 Lab. Co-requisite: BIOL 262 lab. Spring.

BIOL 270 - Ecology (3 cr hrs)

Relationships of organisms to environment, including energy flow, population dynamics, and the structural and functional aspects of ecosystems. Prerequisites: BIOL 111-112. Co-requisite: B270 lab, 1 credit hour. Fall.

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. Pre-requisites: BIOL 111 and 112 with labs, CHEM 111 and 112 with labs. Co-requisite: 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. Pre-Requisites: BIOL311 lecture and lab. Co-requisite: 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 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. Pre-requisites: BIOL 111 and 112 with labs, CHEM 111 and 112 with labs. Co-requisite: BIOL 315 lab 1 cr hr. Fall.

BIOL 321 - Botany: Fundamental (3 cr hrs)

A review of the plant world: photosynthetic prokaryotes to angiosperms. Plant physiology, anatomy, and modes of reproduction. Prerequisite: BIOL 111-112. Co-requisite: B321 lab, 1 credit hour. Fall.

BIOL 322 - Botany: Field (3 cr hrs)

Identification of plants based on morphology; aspects of ecology. Prerequisite: BIOL 111-112. Co-requisite: B322 lab, 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 microorganism. 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. Pre-requisites: BIOL 111 and 112 with labs, CHEM 111 and 112 with labs. Co-requisite: BIOL 336 lab 1 cr hr. Fall and Spring.

BIOL 340 - Invertebrate Zoology (3 cr hrs)

Survey and comparative studies of the morphology, physiology, and ecology of representative invertebrates. Prerequisite: BIOL 111-112. Co-requisite: B340 lab, 1 credit hour. Fall.

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. Prerequisite: BIOL 111,112 with labs, CHEM 111,112 with labs. Spring

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. Pre-requisites: Successful completion of ENGL 210 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 311&312 labs with a grade of B- or better AND consent of instructor. Spring.

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. Co-requisite BIOL 442 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. Pre-requisites: BIOL 315 and BIOL 441. Spring.

BIOL 480 - Biometry (3 cr hrs)

Statistics as applied to biology and related fields. Emphasis on statistical methods in the interpretation of t-tests, chi square, ANOVA, and simple correlation and regression. Prerequisite: Math 270. Spring.

BIOL 483 Undergraduate Research in 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. This 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.

BIOL487 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. Pre-requisite: 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. 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 general education credit for Management and Leadership Studies students or as elective credit for other students. Fall and Spring as needed.

BSCI 490 - Practicum in Gerontology (4 cr hrs)

Application of principles and theory through field placement in a gerontological setting. Prerequisite: all courses in the minor program in Gerontology. 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 110 or higher. Spring.

BUSN 260 - Business Analysis Tools (3 cr hrs)

This course deals with case analysis preparation for business students covering a variety of technical and analytical concepts. Students will work in a Windows operating system using Microsoft Office applications to enhance information technology competencies. This course is a collateral course for ACCT 210. Fall, Spring, Summer.

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 subscore 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 110 or 120. Fall, Spring.

BUSN 380 - 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. A financial calculator, excel and the internet will be used extensively in the course. No pre-requisites required. Spring.

BUSN 410 Contract Law I (3 cr hrs)

Includes case law study of mining, water, timber, and environmental law, addressing Federal and Indian water rights doctrines, and the emergence of Federal and State environmental law and policy, specifically addressing how water and environmental law interface with and impact each other. There will also be emphasis on the role of the mining land negotiator including lands available for mining, surface inspections, private and public leasing, negotiation and land maintenance. Spring

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 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. Pre-requisites: 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. 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. Co-requisite: 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. Co-requisite: 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. Co-requisite: 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. Co-requisite: 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. Co-requisite: 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. Co-requisite: 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. Co-requisite: 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 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 110. 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 \geq 23, or permission of the instructor. Fall, Spring.

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 offenses 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 counsels, 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. (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 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 terroristic activity, the structure of terroristic 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 498 - 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 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.

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 how to develop a multimedia project. Fall, Spring.

EDUC 290 - Introduction to Teaching & Professional Ethics

(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 (1cr 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 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.

EDUC 340 - Instructional and Assessment Strategies (3 cr hrs)

This course presents instructional strategies and assessment, including direct instruction, cooperative learning, inquiry and multiple Intelligences 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 PK-12 Partnership teaching experience. Candidates will demonstrate knowledge and skills in social sciences, science, math and literacy or specialty area in accordance with K-6, secondary, 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-6 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.

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-6 Partnership school 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-6 majors only. Fall, Spring.

EDUC 360 - Secondary Instructional Methods and Strategies (2 cr hrs)

Organization, strategies, and responsibilities of teaching in the middle grades. Participatory approach to understanding and teaching middle school students. For secondary candidates. Clinical field experience. 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-6 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 hr)

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 410 - Methods of Teaching Elementary Reading (3 cr hrs)

This course presents major approaches in teaching reading, including phonics, language experience, basal, and others. Planning, instruction, materials, evaluation, and management are emphasized. Formal and informal classroom-based methods of assessments used to identify reading strengths and weaknesses in reading will be included in this course. Fall, Spring.

EDUC 430 - Methods of Teaching Elementary Language Arts

(3 cr hrs)

An integrative approach to teaching language arts in elementary school. Emphasis is placed on teaching strategies that develops knowledge and skill through the use of literature, and includes speaking, handwriting, creative writing, listening, grammar, reading, spelling, viewing and visual representation.

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 PK-12 partnership 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 - A0 Enhanced Clinical Practice K-3 (6 cr hrs)

Seven and a half weeks at a clinical practice placement in a public school: K-3 elementary majors.

EDUC 497 - B0 Enhanced Clinical Practice 4-6 (6 cr hrs)

Seven and a half weeks at a clinical practice placement in a public school: 4-6 elementary majors.

EDUC 497 - C0 Enhanced Clinical Practice 7-8 (6 cr hrs)

Seven and a half weeks at a clinical practice placement in a public school: 7-8 secondary majors.

EDUC 497 - D0 Enhanced Clinical Practice 9-12 (6 cr hrs)

Seven and a half weeks at a clinical practice placement in a public school: 9-12 secondary majors.

EDUC 497 - E0 Enhanced Clinical Practice K-12 (12 cr hrs)

Seven and a half weeks at a clinical practice placement in a public school: K-6 and 7-12 for art/music/physical education majors.

EDUC 497 - F0 Enhanced Clinical Practice Seminar (0 cr hrs)

Fifteen weeks (seven and a half weeks at each placement) clinical practice in two public school placements: K-3 and 4-6 for elementary majors; 7-8 and 9-12 for secondary majors; K-6 and 7-12 for art/music/physical education majors. Development of professional portfolio, display, and senior multimedia presentation, Teacher Work Sample. Attendance at all seminars required. Prerequisite: formal admission to Enhanced Clinical Practice. 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 550 (paper) or 79-80 (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 course is remedial in nature 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 110. Admission to the course is determined by student writing samples and by standardized test scores. Graded A, B, C, NC, F. Fall, Spring (*3 cr hrs toward academic load, but not counted toward the required minimum of 128 credits for graduation.)

ENGL 110 - Freshman Composition (3 cr hrs)

First-year course to improve critical reading and information literacy skills. Emphasis is on essay organization, development of ideas, sentence style and structure, and language mechanics/ grammar necessary for effective reading and writing at the college level. Includes strategies and skills for locating, evaluating, organizing and correctly citing information resources. Admission to the course is determined by student writing samples and standardized test scores. Graded A, B, C, NC, or F. Fall, Spring.

ENGL 210 - Writing about World Literature and Culture (3 cr hrs)

Close reading and analysis of important poetry, drama, fiction, and non-fiction prose texts in several western and non-western cultures. Writing intensive; includes a research paper. Prerequisite: ENGL 110. 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. Co-requisite: ENGL 210. Fall.

ENGL 310 - American Literature (3 cr hrs)

Close reading and analysis of important poetry, drama, fiction, and non-fiction prose texts in American culture. Writing intensive; includes a research paper. Prerequisite: ENGL 210. Fall, Spring.

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 210. Every 3rd semester.

ENGL 312 - Survey of British Literature II (3 cr hrs)

Major periods and representative authors from the Romantic Age to the present. Prerequisite: ENGL 210. Every 3rd semester.

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 210. Every 3rd semester.

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 210. Every 3rd semester.

ENGL 330 - Appalachian Literature (3 cr hrs)

A survey of the poetry, fiction, and films of the southern Appalachian region, emphasizing themes such as mountain stereotypes, violence, nature, education, industrialization, religion, out migration, and family. Prerequisite: ENGL 210. Every 4th semester, 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 210. Every 4th semester, 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. Every 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 210 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 210 or permission of instructor. Every 3rd semester.

ENGL 410 - Shakespeare (3 cr hrs)

A survey of approximately twelve plays, with collateral instruction in Renaissance social backgrounds, Elizabethan stage traditions, textual matters. Co-requisites: ENGL 310, ENGL 300 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. Co-requisites: ENGL 310, ENGL 300 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. Co-requisites: ENGL 310, ENGL 300 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. Co-requisites: ENGL 310, ENGL 300 or permission of instructor. Annually.

ENVIRONMENTAL 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. Co-requisite ENVS 100 lab. Class 3 credits. Lab 1 credit. Fall.

ENVS 220 - Soils (3 cr hrs)

The nature and property of soils. Physical, chemical, and biological processes in soils and the influence on plant growth and development. Soil classification, land topography, soil horizons, and sediment control techniques. Co-requisite: ENVS220 lab, 1 credit hour. Fall alternate years.

ENVS 370 - Land Use and Environmental Analysis (3 cr hrs)

Methods and equipment for analysis of various environmental factors to better understand the ecologic balance and potential site use of a selected area. Includes analysis of soil, water, air, and noise levels. Prerequisite BIOL 270. Spring alternate years.

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 270. Fall.

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 renewable 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. Fall/Alternate years.

ENVS 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: permission of instructor. Fall alternate years. Prerequisite: ISYS 100.

ENVS 422 - Geographical Information Systems II (3 cr hrs)

Advanced concepts and uses of Geographic Information Systems (GIS). Practice with the use of GIS in evaluation and solving complex land management problems. Applied experience using GIS software for a greater variety of situations. Prerequisite, ENVS 421. Spring alternate years.

ENVS 440 - Coastal Ecology (4 cr hrs)

Various aspects of coastal ecology of the western Atlantic and Gulf of Mexico will be discussed during a ten - day field trip. Such aspects will include, but not be limited to, coastal geomorphology, coastal management, forest communities, flora, fauna, and fisheries resources. Highlights will include a North Carolina pocosin with carnivorous plants, research at St. Vincent Island National Wildlife Refuge, snorkeling with manatees, and studying a mangrove swamp in Florida. Prerequisite: permission of Instructor. Spring.

ENVS 450 - Aquatic Ecosystems (3 cr hrs)

Both freshwater and marine ecosystems and representative fauna and flora. Principles and methods of quantifying aquatic ecosystems. Prerequisites: BIOL 111-112. Fall/Spring as needed.

ENVS 460 - Limnology (3 cr hrs)

Introduction to the structural, physical and chemical aspects of inland water systems including freshwater lakes and rivers and saline inland waters. Current issues of water use, availability and contamination are addressed. The functions of light, heat and organic carbon in aquatic systems are explored. Lectures include functions of the nitrogen and phosphorus cycles in aquatic systems. Discussions of water conservation include issues of protection and environmentally responsible utilization of our scarce freshwater resources. Fall.

ENVS 470 - Desert Ecology (4 cr hrs)

This course will be a field course intended to impart an appreciation of the desert flora and fauna. In addition to general characteristics of worldwide deserts, flora and fauna and desert communities and physiography will be described for the Great Basin, Mohave, Chihuahuan, and Sonoran Deserts. The primary focus will be the Sonoran Desert of southern Arizona and Mexico. Various learning activities will take place in New Mexico, Arizona, and Mexico. Puerto Penasco will be our base of operation in Mexico. This is where the Sonoran Desert Meets the Pacific Ocean (Sea of Cortez). Spring alternate years. Prerequisite: permission of instructor.

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. May be repeated to a total 6 credit hours applicable to degree requirements. Prerequisite: permission of faculty supervisor. Fall and Spring.

ENVS 490 - Environmental and Conservation Ethics (3 cr hrs)

This course will focus on the practice of thinking ethically about the natural world and human interactions with other species and the environment. Attention will be given to the methods by which individuals develop and modify an ethical framework. Issues addressed in the course will include the intrinsic value of Earth and its living organisms and our responsibility and accountability for the fate of those organisms. Topics will include global and environmental stewardship, animal rights, land ethics, property rights, environmental activism, deforestation, soil erosion, climate change, fresh water resources, sustainable resources use and renewable energy options. Class discussions and assignments will include examinations of the long-term effects of human population growth on the environment and approaches to environmental stewardship from both an egocentric and anthropocentric. Cost-benefit analyses and their application to political decision on the environment will be discussed. This class is designed as a senior-level course and is expected to be writing-intensive. Prerequisites: ENGL 210, BIOL 270. Fall alternate years.

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 (1-12 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 350 - Bank Management** (3 cr hrs)

This course will examine the operation of financial institutions, focusing on the identification and analysis of problems faced in the changing economic environment. The class will also consider competition, growth, profitability, and regulation of financial intermediaries. Prerequisites: FIN 360. As needed.

FIN 360 - Corporate Finance (3 cr hrs)

This course is an introduction to issues relating to business finance, focusing on corporate finance. The course will introduce financial markets, financial planning, forecasting and evaluation. The course will concentrate on the time value of money and its use in valuing financial assets and evaluating risk and return. The course will also include an introductory discussion on weighted average cost of capital, capital budgeting, capital structure, and short term financial management, and financing assets. Pre-requisites: ACCT 210, MATH 270 or permission of instructor. Fall, Spring, Summer.

FRENCH**FREN 111-112 - Beginning French I, II** (3, 3 cr hrs)

Introduces modes of French communication; emphasizes conversational language through application of grammatical structures to vocabulary. Includes listening and reading comprehension. Prerequisite to FREN 112: FREN 111 or one year of high school French. 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. Co-requisite, 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 210 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 210 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 subregions 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 210 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 210 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: at least Junior classification, successful completion of ENGL 210 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. Pre-requisites: none. Co-requisite GEOL 100 lab. Spring.

HEALTH

HLTH 110 - Introduction to Health (1 cr hr)

This course is an introduction of 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 affects 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 chronological aging. Topics include Medicare, Medicaid, mental health and stress, nutrition, medication, chronic diseases, physical fitness, insurance, long and short term health care, death and dying, and relationships. As needed.

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 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 3rd 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 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 through 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: ENGL 310. 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 odd years.

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.

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)

Explores 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. Must have six credit hours of history or permission of instructor.

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. (Lincoln Memorial University retains ultimate control and supervision of the internship.) 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. 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 in 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. 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.

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.

ISYS 220 - Principles of Business Programming (3 cr hrs)

This is a first course in computer programming. This course teaches problem solution in a business environment; Problems selected to illustrate structured systems development for a comprehensive business system; Various techniques for problem solution covered, all of which require the development and testing of program logic. Prerequisite: ISYS 100 and completion of the General Education Math requirement. Fall.

ISYS 310 - Advanced Business Programming (3 cr hrs)

This is a second course in computer programming, which expands on the concepts presented in ISYS 220. Prerequisite: ISYS 220 and completion of the General Education Math requirement. Spring.

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 (3 cr hrs)

This course addresses issues such as foundation for database system design, implementation, and management. While the focus is on practical implementation and management issues, the concepts and principles that underlie good database design are also explored. Prerequisite: ISYS 220 and completion of the General Education Math requirement. Fall.

ISYS 450 - Project Management (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 310. Spring.

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. Prerequisites: ISYS, 310, 320, 330 (or concurrent enrollment). Fall.

ISYS 495 - Special Topics in Computer Information Systems

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 310 Spring.

ISYS 497 - 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. Spring.

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. 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 general education credit for Management and Leadership Studies students or as elective credit for other students. Fall/Spring 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: Jr 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, Summer as needed.

MGMT 310 - Human Resource Management (3 cr hrs)

This course addresses the fundamental processes of utilizing human resources to maximize organizational efficiency. Topics include principles of human resource planning, recruitment, selection, compensation and development. Prerequisite: MGMT 300. 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)

The operational functions of quality, process, capacity, inventory, and workforce to create model decision strategies necessary for improving efficiency and effectiveness in system-type organizations are issued addressed in this course. Topics include quality control, flow analysis, inventory, layout, performance improvement, scheduling and forecasting. Prerequisites: MGMT 300; BUSN 270, MKTG 300. Spring.

MGMT 340 - Small Business Management (3 cr hrs)

This course is designed to acquaint students with the challenge of launching a new venture or managing an existing business. The course covers topics such as choosing a venture, deciding on a form of organization, selecting a business location, financing the business, and managing an ongoing venture. Students will be required to develop a business plan. Prerequisites: MGMT 300, MKTG 300, ACCT 210. Fall.

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. Students will become acquainted with common mistakes in negotiations and provided a framework to prepare students for business and personal negotiation situations. Prerequisite: MGMT 310. Spring.

MGMT 420 - Fundamentals of Leadership (3 cr hrs)

This course examines the theories, concepts, tools, and processes associated with leadership. Students examine the impact of leadership variables, leadership principles, leadership vision, ethics, empowerment, culture, people, effectiveness, developing talent, and performance management. Prerequisite: MGMT 300.

MGMT 440 - Entrepreneurship (3 cr hrs)

An applied course combining the principles of management and marketing for solving small business problems and forming, operating and maintaining entrepreneurial businesses. Prerequisites: MGMT 300; MKTG 300. Spring.

MGMT 497 - Management Strategy (3 cr hrs)

A study of management strategy that focuses on integrating management, marketing, finance/accounting, production/operations, services, research and development, and information systems functions to achieve organizational success. The goal of this course is to apply integrative analysis, practical application, and critical thinking to the conceptual foundation gained through previous study and personal experience. Emphasis is on developing an organizational vision and mission, developing and implementing strategic plans, and evaluating outcomes. A study of current topics in management is also undertaken and case studies are analyzed. The final project in this course will challenge students to develop a management plan that is typically integral part of an overall business or strategic plan. Prerequisite: Senior Level Status or permission from the instructor.

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)

Topics addressed in this course include the fundamental concepts in advertising and its relationship to the marketing field. As a project-based course, students are exposed to the development of an advertising campaign and system. 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 strategy. This course will address the strategic importance of branding, provide theories and strategies for building, leveraging, and defending strong brands, and discuss current opportunities and challenges facing brand managers. Particular emphasis is placed on understanding the application of these theories and strategies in practice. The course will utilize a combination of lectures, readings, cases, and guest speakers along with direct applications of the course content in a term project. Prerequisite: MKTG 300. 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. Prerequisite: MKTG 300. 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 deals with developing effective marketing plans emphasizing marketing opportunity analysis in the context of changing markets. 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)

This course emphasizes developing distinctive marketing strategies revolving around the marketing mix analysis for both profit and nonprofit service environments. Topics include framework for service marketing, tools for service markets, and service marketing quality. Prerequisite: MKTG 300. Fall even years.

MKTG 454 - Event Marketing (3 cr hrs)

This course discusses the conception, planning, promotion and execution of special events such as weddings, business openings, conventions, sports tournaments. This course addresses the application of project management techniques, legal agreements and proposal-writing, press-releases and promotional message design for special events. The course also covers the issues of staffing, training and accounting controls required for such events. Prerequisite: MKTG 300. Spring even years.

MKTG 460 - Retail and Electronic Marketing (3 cr hrs)

As a project-based course, retail and electronic marketing processes are examined and applied for structure, function, sales management, merchandising, capitalization of buying behavior, buying functions, pricing, and promotion strategies. Prerequisites: MKTG 300. Spring even years.

MKTG 468 - E-Commerce (3 cr hrs)

This course discusses the terminology of Internet commerce in all its various forms including Business-to-Business (B2B), Business-to-Consumer (B2C) and e-Government. The course addresses the technological, management, and marketing foundations to establish a business model, create a basic website and promote or extend a business website. An introductory course in programming is recommended prior to enrollment. Prerequisites: MKTG 300 and MKTG 310. 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 497 - Marketing Strategy (3 cr hrs)

This capstone course for the marketing major is a study of marketing Strategy that focuses on integrating management, marketing, finance/accounting, production/operations, services, research and development, and information systems functions to achieve organizational success. The goal of this course is to develop skills in formulating and implementing marketing strategies for brands and businesses. The course will focus on issues such as the selection of which businesses and segments to compete in, how to allocate resources across businesses, segments, and elements of the marketing mix, as well as other significant strategic issues facing today's managers in a dynamic competitive environment. A study of current topics in marketing is undertaken. The final project in this course will integrate business and marketing concepts into a comprehensive marketing plan. Fall. Prerequisite: Senior Level 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 subscore 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. 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. Prerequisite: 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 subscore 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 subscore 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 subscore 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 subscore of 26 or higher or Math SAT subscore 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 subscore 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– Discreet 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 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 eventually ranging to broadcast, tweeting and blogging. Ethical newsgathering 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 will be introduced to the college radio station where they are required to perform various live air-shifts throughout the course. Fall.

MCOM 280-Multi-camera Production (3 cr hrs)

Instruction and hands-on experience in each role and position within the TV studio, including camera, audio, lighting, prompter, graphics, technical director (switcher), director and on-camera talent. All students will perform all roles and at all positions.

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, slander, 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)

Analyzes in detail the 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. Prerequisite: 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. Additionally, students will work extensively with the video animation software and the video editing nonlinear editing interfaces. 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. Senior status or permission of instructor required

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. (Lincoln Memorial University retains ultimate control and supervision of the internship.) 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. Prerequisites: At least junior classification 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**

(1cr hr)

Introduction to the basic issues and laboratory techniques in the clinical laboratory science field such as laboratory safety, ethics, professionalism, phlebotomy introduction to clinical microbiology techniques. Co-requisite: 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 microbes 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; Instrumentation and quality assurance in hemostasis. Co-requisite: 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 in hematology. Co-requisite: MEDT 391.

MEDT 330 - Immunology and Serology (3 cr hrs)

The human immune system, including principles of humoral and cellular immunity, autoimmune responses, defects in the immune system, and AIDS; theory and methodology of diagnostic serology procedures commonly performed in the laboratory, with emphasis on serological diagnosis of infectious disease; introduction to molecular diagnostic techniques; and quality assurance.

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; donation, storage, and transfusion of blood and its components; AABB guidelines for operating the Blood Bank. Co-requisite: 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 cerebrospinal, amniotic, pleural, synovial, seminal, and peritoneal fluids; quality assurance.

MEDT 410 - Laboratory Management and Supervision (2 cr hrs)

Principles of management and supervision in the clinical laboratory; includes interpersonal communications, governmental regulations, computer applications, problem solving, education methodologies, employee safety, quality assurance, and performance improvement.

MEDT 451 - Clinical Chemistry I (3 cr hrs)

Principles and methods of measuring proteins, enzymes, electrolytes, and other analytes of human serum includes molecular diagnostics, spectra techniques, pre-analytical/analytical/postanalytical causes of variation, chromatography, mass spectrometry, immunological techniques, and electrochemistry. Laboratory automation and statistics are also included.

MEDT 452 - Clinical Chemistry II (3 cr hr)

An overview of the physiology and pathophysiology aspects of clinical chemistry to include acid-base balance, liver function, pancreatic function, cardiac function, lipid metabolism, bilirubin metabolism, heme synthesis, and endocrinology. Correlation of clinical chemistry results with healthy and pathological states is emphasized. Toxicology and Therapeutic Drug Monitoring (TDM) is also included. Co-requisites: MEDT 492.

MEDT 461 - Medical Microbiology I (3 cr hr)

Theory and technologies of culture, isolation, and identification of pathogenic bacteria commonly encountered in clinical practice. Morphology, staining, biochemical characteristics, disease correlations, uses of selective media, and quality assurance are emphasized. Prerequisite: MET 302. Co-requisite: MEDT 491.

MEDT 462 - Medical Microbiology II (3 cr hrs)

Theory and techniques of identification of pathogenic anaerobes, spirochetes, Chlamydia, Rickettsia, Mycobacteria and Nocardia. Mycology, parasitology, and virology is also included. Prerequisite: MET 461.

MEDT 491 - Advanced Clinical Practice I (2 cr hrs)

Application of materials studied in MEDT 302 and MEDT 461. Conducted at affiliate hospitals.

MEDT 492 - Advanced Clinical Practice II (3 cr hrs)

Application of material studied in MEDT 330, 400, 451, 452. Conducted at affiliate hospitals and affiliate Molecular Pathology Laboratory.

MEDT 497 - Senior Review (3 cr hrs)

Structured review of selected Medical Laboratory Science courses: immunohematology, hematology, hemostasis, immunology and serology, and microbiology. Preparation for licensure examination and professional practice. Prerequisite: Successful completion with a final grade of B- or above in MEDT 400, MEDT 451, and MEDT 461.

MILITARY SCIENCE**MILS 100 - Military History of the US** (3 cr hrs)

From 1776 to the present. Freshmen and sophomores only. Juniors 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. Prerequisite: 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 and 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. Prerequisites: MILS 302.

MILS 402 - Seminar in Leadership and Management II (3 cr hrs)

Expose cadets to missions and tasks most associated with a Second Lieutenant, reinforce individual competencies and afford officer leadership experiences. To prepare cadets for the transition to Second Lieutenant. Two lectures and one two-hour lab a week. Spring.

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 art 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. Co-requisite: 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. Co-requisite: 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. Co-requisite: 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. Co-requisite: 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. Co-requisite: 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 Music program and/or consent of instructor. Co-requisite: 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 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 looked at the factors composers use 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 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 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. Prerequisite: admission to the BA in Music major, MUSC 111 and MUSC 112. Minimum grade of a 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 111-112 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 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 and 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, 112 and MUSC 321. Minimum grade of C or better to pass. May be repeated once. Spring.

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. Fall/Spring as needed.

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 395A– 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 395B-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 and 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. Alternate years. 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 also be 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 and 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 Co-requisite: 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 Co-requisite: 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 Co-requisite: 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 Co-requisite: 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 Co-requisite: NURS 245 or NURS 246. Prerequisite for LPN-RN students: NURS 124, NURS 126. Pre- or Co-requisites: 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 Co-requisite: 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 Co-requisites: NURS 245 or NURS 246.

NURS 245 - Promotion of Adaptation in Children (3 cr hrs)

(2hr lecture – 1hr 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 Co-requisite: NURS 241 or NURS 242 or permission of ASN Program Chair. Pre- or Co-requisite for LPN-RN students: NURS 241 or NURS 244 or permission of ASN Program Chair.

NURS 246 - Promotion of Adaptation in Childbearing Families (4 cr hrs)

(3hr lecture – 1 hr clinical course) Utilizing the RAM nursing process to promote adaptation in childbearing families; specifically, focuses on adaptive and ineffective human responses seen in women, including childbearing years, neonates, and families. Physiological and behavioral deviations associated with ineffective human responses seen in compensatory and/or compromised health states examined. Use of current research findings in promotion of adaptation for human persons/family adaptive systems included. Clinical learning experiences occur in campus laboratory and in community and/or hospital settings to develop skills in providing care for human persons/families. Prerequisites: NURS 125. Pre- or Co-requisite for LPN-RN students: NURS 241 or NURS 244 or permission of ASN Program Chair.

NURS 290 - Nursing Seminar (1 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 Co-requisites: NURS 242. Prerequisite for LPN-RN students: NURS 241. Pre- or Co-requisite for LPN-RN students: NURS 244.

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.

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.

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; Co-requisites: 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; Co-requisites: NURS 340, 350.

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; Co-requisites: NURS 330.

NURS 350 - Pathophysiology of Ineffective Human Responses

(3 cr hrs)

Builds on concepts and principles from the basic sciences. Emphasis on pathological responses to illness and concepts of adaptation and the culturally sensitive analysis of genetic, physiological and behavioral deviations associated with ineffective human adaptive responses in compensatory and/or compromised health states. Prerequisites: general education courses/admission to nursing program; Co-requisites: NURS 330, 340.

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 330, 340, 350; Co-requisites: NURS 310.

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 330, 340, 350; Co-requisites: NURS 310.

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 Co-requisites: 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; Pre- or co-requisite: Admission to RN-BSN Option.

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; Co-requisites: NURS 425 or NURS 425, 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; Co-requisites: NURS 415, 430 or NURS 415, 470, 480.

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. Prerequisite: completion of junior nursing courses; Co-requisites: NURS 415, 425 or NURS 460, 435.

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. Pre-requisite: completion of 300-level Nursing courses; Co-requisites: NURS 430, 460 or NURS 460, 470, 480.

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; Co-requisites: NURS 430, 435 or NURS 435, 470, 480.

NURS 470 - Professional Nursing Role Development/Preceptorship (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 interprofessional health care team in the promotion of adaptation for the human system. Emphasis on theories of critical thinking, health care administration, quality improvement, organizational management, and leadership as applied to the delivery of health care. Clinical experiences occur in a variety of health care settings. Prerequisites: completion of 300-level Nursing courses, NURS 430; Co-requisites: NURS 435, 460, 480 or NURS 415, 425, 480.

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, NURS 430; Co-requisite: NURS 435, 460, 470 or NURS 415, 425, 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. Prerequisite: Course taken in last semester of nursing major.

• 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, 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 - Games 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.

PHILOSOPHY**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, Epictetus, 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 310 - Critical Thinking (3 cr hrs)

An examination of critical thinking skills as applicable to education, business, mass media, health related fields, and science. Includes spotting fallacies, using inductive and deductive thinking methods, analysis of personal views, textual analysis. 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. Prerequisites: ENGL 310. 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. Prerequisites: ENGL 310. 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. Co requisite: 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. Co-requisite: PHYS 211-212 labs, 1 credit hour each. PHYS 211, Fall; PHYS 212, Spring

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 220 - 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. Spring.

POLS 320 - Comparative Politics (3 cr hrs)

Comparative study of political systems of industrialized and developing countries. Fall.

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: 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. Prerequisite: 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. Spring.

POLS 334 - International Politics (3 cr hrs)

This course introduces students to the theory and practice of politics at the international level. Prerequisite: POLS 211 or POLS 212. Spring.

POLS 440 - Political Theory (3 cr hrs)

Students in this course will examine liberal, conservative, and radical traditions of political thought in America based on medieval, renaissance and contemporary philosophy. Prerequisites: POLS 211, 212. Fall.

POLS 497 - Political Science Seminar (3 cr hrs)

Seminar on selected problems in the study of public law. Fall/Spring as needed. Prerequisites: POLS 211, 212, 220 and Junior or 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, 212. Fall/Spring/summer 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 250 - Interpersonal and Group Dynamics (3 cr hrs)

Introduction to interpersonal and group dynamics and individual and group counseling. Emphasis on principles that facilitate effective verbal and non-verbal communications between individuals and within groups. 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 290 - Human Learning and Cognition (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. Recommended antecedent: PSYC 100. Spring.

PSYC 310 – Death, Dying and Grief (3 cr hrs)

Death conceptualization and personalization; includes historical, medical, ethical, psychosocial, legal, and spiritual responses to dying. Emphasis on grief counseling, suicide, psychosocial care of the terminally ill, and life after death. 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. Recommended antecedent: PSYC 314. Spring.

PSYC 330 - Forensic Psychology (3 cr hrs)

Emphasis on the psychological basis of criminal behavior; development of criminal behavior in children and teens; risk factors regarding antisocial and paranoid personality disorders; links between substance abuse/addiction and criminal behavior; issues of insanity and competency to stand trial; issues of rape and sexual abuse of children; issue of domestic violence in context of police intervention, adjudication and corrections. Fall.

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 350 - 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 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 390 - Physiological and Perceptual Psychology (3 cr hrs)

Psychological mechanisms and perceptual systems that underlie human experience; emphasis on the central nervous system. Prerequisite: PSYC 100. Fall.

PSYC 420 - The Psychology of Aging (3 cr hrs)

Mental health of the elderly; assessment, treatment, individual and group counseling. Recommended antecedents: PSYC 340, SOCI 350. Spring.

PSYC 450 - Health and Mind-Body Psychology (3 cr hrs)

Advanced psychology course with emphasis on mind-body and behavioral applications to medicine and health psychology. Topics include: stress and pain management; chronic illness adjustment and treatment; practitioner and patient communication; and complimentary, alternative, integrative, and integral medicine. Personal assessment, spirituality, wellness, humor and world medicine will be covered. Prerequisite: PSCY100 or consent of instructor. Fall.

PSYC 460 - Counseling Theories and Techniques (4 cr hrs)

Concepts, principles, theories, techniques, and areas of specialization in counseling and psychotherapy. Training in counseling skills. Prerequisites: PSYC 100, 250, 340; Psychology majors only and permission of instructor. 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 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, 280, 380; Psychology majors only and permission of instructor. 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; Psychology majors only and permission of instructor. 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. 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. Spring.

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. Fall.

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. Spring.

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. Fall alternate years.

REL 320 - History of Christianity (3 cr hrs)

A survey of the historical development of Christianity with special attention given to the rise of the papacy, the Protestant Reformation, the Catholic Counter-Reformation, and the emergence of religious pluralism in the United States. Fall 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.

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. Co-requisite: SCI 100 lab, 1 credit hour. Fall.

SCI 394 - Natural Science Enhancement (3 cr hrs)

Upper-level content review in genetics, cell biology, physiology, general and organic chemistry, and general physics. Advance dreading and vocabulary enhancement for natural sciences with history and philosophy of science. Pre-requisites: ENGL 210, BIOL 112, CHEM 112, PHYS 212 or equivalent with course grades of "B" or better in each course. Fall.

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. Pre-requisites: 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. Prerequisite 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 interventive groups. Prerequisite: Phase II Admission to Internship. Co-requisite: 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. Co-requisite: 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. Co-requisite: SOCW 498. Spring.

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. Co-requisite: SOCW 498. Senior SEWS paper. 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. Prerequisite: Phase II Admission to Internship. Co-requisite: 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. Prerequisites: Admission to Internship. Co-requisite: SOCW 498F Internship II (225 clock hours). Spring.

SPANISH

SPAN 111-112 - Beginning Spanish I, II (3, 3 cr hrs)

Introduces modes of Spanish communication; emphasizes conversational language through application of grammatical structures to vocabulary. Includes listening and reading comprehension. Prerequisite to SPAN 112: SPAN 111 or one year of high school Spanish. SPAN 111 Fall, SPAN 112 Spring.

SPAN 211-212 - Intermediate Spanish I, II (3, 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. SPAN 211 Fall, SPAN 212 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 211-212 or appropriate placement test score. Fall/Spring as needed.

SPECIAL EDUCATION

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 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 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 400-Literacy, Language, and Communication (3 cr hrs)

Candidates in this course learn collaborative team work with Speech/language pathologists and other professionals in addressing literacy, communication, and language development of children with special needs. They learn to collaborate and consult with professionals in order to evaluate students' needs, contribute to IEP preparation and provide exemplary instruction. Fall, Spring.

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.

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. (Not an acting/performance course.) 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 210. 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, but do not appear within the established curriculum of an academic program.

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 170	Scuba Diving	(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 100 - Strategies for College Success (2 cr hrs)

Explores and integrates topics of time management, learning strategies, self-understanding, and career and life choices. Health issues such as stress, substance use and abuse, and general wellness are examined. 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 to 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 170 - Open Water Scuba Diving (1 cr hr)

This course will teach the necessary theory and techniques to practice safe scuba diving through the Open Water Certification of the Professional Diving Instructors Corporation (PDIC). The course will involve lecture, pool training, and open water training.

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 195.BO - Literary Magazine (1 cr hr)

Intensive, hands-on work to create and edit the annual issue of LMU's student literary magazine, The Emancipator. Offered each Spring semester.

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. Co-requisite: 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. Co-requisite: 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/doctor, patient, and owner in small animal practice (includes pocket pets). Prerequisite: VHS 112, VHS 112L. Co-requisite: 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. Co-requisite: 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 - Veterinary Parasitology & Entomology (3 cr hrs)

Common internal and external parasites of domestic animals. Parasitic life cycles, pathology, control measures. Prerequisites: VHS 112, VHS 112L. Co-requisite: 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 - Introduction to Diagnostic Research (2 cr hrs)

This course is designed to introduce students to the field of laboratory research. Observation hours may be assigned to visit a research or diagnostic lab. Spring.

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. Co-requisite: VHS 340L (1 cr hr). Fall.

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.

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 370 - ALAT; Assistant Laboratory Animal Technician (3 cr hrs)

This course will familiarize the student with the basic principles of laboratory animal science and the proper care of the variety of species used in research. The student will learn to maintain research animals under controlled, exacting conditions that meet legal and humane standards, defined by the animal welfare act. This course will prepare the student to sit for the ALAT certification exam. Prerequisites: VHS 112, VHS 112L. Co-requisite: VHS 370L (1 cr hr). 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.

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.

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, 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 medicine. Spring.

VETERINARY MEDICAL TECHNOLOGY**VMT 100 - Introduction to Veterinary Technology** (1 cr hrs)

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. Co-requisite: VMT 111L (9 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. Co-requisite: 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. Students may be required to come in early, attend late afternoon and weekend animal care. Co-requisite: 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. On-line course. 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. Prerequisites: VMT 111, VMT 111L. Co-requisite: VMT 180L. Spring.

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. Live animal care will be assigned. Early morning, late afternoon/eveining, and weekend duty may be required. Prerequisites: VMT 111, VMT 111L, VMT 120, VMT 120L. Co-requisite: 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 large animal setting (farms/barns) in addition to various tools, equipment and techniques found in large animal medicine. Farm visits include instruction in safely handling of large domestic animals and client communication. Prerequisites: VMT 111, VMT 111L, VMT 120, VMT 120L. Co-requisite: VMT 220L (2 cr hrs). Travel off campus will be required for this course. Fall/Spring.

VMT 231- Diagnostic Lab Procedures I (1 cr hr)

This course will familiarize students to the laboratory equipment used in veterinary clinic 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. Co-requisite: 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, aspirates), 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. Co-requisites: VMT 232L (1 cr hr). Spring.

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. Clinical participation with live animals of the VMT programs may be required in and out of class. Prerequisites: 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. Clinical participation with live animals of the VMT programs may be required in and out of class. 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. Prerequisites: VMT 112, VMT 112L. Co-requisite: VMT 251L (1 cr hr). Fall.

VMT 252 - Surgical Nursing and 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. Prerequisites: VMT 251 and VMT 251L. Co-requisite: 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. Co-requisite: VMT 270L (1 cr hr).

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.

VMT 298 - Veterinary Technician Practicum (3 cr hrs)

Clinical hands on experience and skill development. Each practicum consists of 120 hours or 3 weeks. Students are required to complete a total of 240 hours. Fall/Spring/Summer.

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. Co-requisite: 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- Introduction to Diagnostic Research (2 cr hrs)

This course is designed to introduce students to the field of laboratory research. Observation hours may be assigned to visit a research or diagnostic lab. Fall.

VMT 356- Equine Management (2 cr hrs)

Practical aspects of behavior, nutrition, breeding, reproduction, health, economics, and management of horses. Fall.

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, camelids, poultry, pigs and other hobby-type, rural farm animals. Fall.

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+. Co-requisite: 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.

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)

(2 cr hrs lecture -1 cr hrs lab)

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. Co-requisite: 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 to 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. Co-requisite: VMT 430L. 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 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. Spring/Fall.

VETERINARY TECHNOLOGY

VET 280 - Veterinary Chemistry (1 cr hr)

This course will introduce students to the essentials of chemistry which concerns the characteristics, composition, and transformations of matter. General, organic and biological chemistry will be covered with a focus on Veterinary Medicine. The student will understand how chemical interactions are used in the animal body for day-to-day physiological processes and when medicines are given. Terminology of this field will be a primary objective with emphasis on measurements, the atomic theory, and chemical reactions.

VET 303 - Veterinary Technician Practicum (6 cr hrs)

Advanced work experience on large, small and exotic animals at the University of Tennessee-College of Veterinary Medicine, Knoxville, TN. Graded Pass/Fail. Prerequisites: All AAS VET classes except VET 297.

WILDLIFE AND FISHERIES BIOLOGY

WDLF 100 - Introduction to Wildlife and Fisheries Management

(3 cr hrs)

Characteristics and principles of management of wild populations of vertebrate animals. Spring.

WDLF 280 - Law Enforcement and Natural Resources (3 cr hrs)

Law enforcement as an integral part of management of natural resources. Fundamentals of state and federal laws in regulating resources. Prerequisite: WDLF 100. Spring alternate years.

WDLF 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. Co-requisite: WDLF 330L (1 cr hr). Fall alternate years.

WDLF 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. Co-requisite: WDLF 340L (1 cr hr). Spring alternate years

WDLF 350 - Ornithology (3 cr hrs)

Classification, distribution, natural history, anatomy and physiology, and evolution of birds, with emphasis on local species. Prerequisite: BIOL 111-112. Co-requisite: WDLF 350L (1 cr hr). Spring alternate years.

WDLF 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. Co-requisite: WDLF 360L (1 cr hr). Fall alternate years.

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 430- Applied Ecology: Management of Freshwater Fish

(3 cr hrs)

Production, harvest, and maintenance of wild populations of freshwater fish, with emphasis on local species. Prerequisites: BIOL 270, WDLF 100, 330. Co-requisite: WDLF 430L (1 cr hr). Spring alternate years.

WDLF 450 - Applied Ecology: Management of Game Birds

(3 cr hrs)

Production, harvest, and maintenance of wild populations of game birds, with emphasis on local species. Prerequisites: BIOL 270, WDLF 100, 350. Co-requisite WDLF 450L (1 cr hr). Fall alternate years.

WDLF 460 - Applied Ecology: Management of Game Mammals

(3 cr hrs)

Production, harvest, and maintenance of wild populations of mammals, with emphasis on local species. Prerequisites: BIOL 270, WDLF 100, 360. Co-requisite WDLF 460L (1 cr hr). Fall alternate years.

WDLF 483- Undergraduate Research in Wildlife Fisheries and 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. This 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.

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. Spring.

WDLF 498 - Internship in Wildlife and Fisheries Management

(1-12 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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Dean, Caylor School of Nursing

Martin Sellers, PhD
Dean, School of Arts and Humanities

Evelyn G. Smith, MS
Assistant Vice President for Academic Affairs

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 in academic schools offering undergraduate degrees are included in this catalog. Professional school faculty are included in the applicable school graduate catalog. The date following each name indicates year of initial LMU faculty appointment.

Jennifer Anders, 2014

Instructor of Nursing
BA (Psychology), University of Tennessee-Knoxville
BS (Nursing), University of Tennessee-Knoxville
MSN (Women's Health), University of Tennessee-Knoxville
Post Master's Certificate (FNP), Northern Kentucky University

Betsy Anderson, 2011

Instructor of Nursing
BSN (Nursing), University of Tennessee-Knoxville
MSN (Nursing), University of Tennessee-Knoxville

Elizabeth Anderson, 2011

Instructor of Nursing
BSN (Nursing), University of Tennessee-Knoxville
MSN (Nursing), University of Tennessee-Knoxville

Katherine Anderson, 2013

Assistant Professor of Health, Physical Education and Exercise Science
BS (Community Health Education), University of Tennessee-Knoxville
MS (Health Promotion/Health Education), University of Tennessee-Knoxville
PhD (Health Science Research), University of Tennessee-Memphis

Rhonda Armstrong,

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

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

Kristy L. Bay, 2013

Instructor of Religion
BA (French), Belmont University
BA (Commercial Music), Belmont University
MDiv (Academic Research), McAfee School of Theology-Mercer University

Sam Bayless, 2013

Clinical Facilitator/Instructor of Nursing
ASN (Nursing), Lincoln Memorial University
BSN (Nursing), Chamberlain College of Nursing
MSN (Nursing), Lincoln Memorial University

Diana Beckner, 2003

Instructor of Nursing
BSN (Nursing), University of Tennessee-Knoxville
MSN (Nursing), University of Tennessee-Knoxville
Post Master's certificate (FNP), East Tennessee State University

Catherine Benson, 2013

Assistant Professor of Biology
BS (Environmental Science and Policy), Clarkson University
MS (Environmental Science and Engineering), Clarkson University
PhD (Interdisciplinary Bioscience and Biotechnology), Clarkson 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

Robin Bidgood, 2014

Director, International Programs
Instructor of Psychology
BA (Music), Boston University
MA (TESOL and Applied Linguistics), Columbia University
PhD (Depth Psychology), Pacifica Graduate Institute

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, 2013

Instructor of History and Religion
Director of Career Services
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 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

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

Linda Browning, 2014

Instructor of Nursing
Instructor of Nursing
ADN (Nursing), Western Oklahoma State College
BSN (Nursing), Chamberlain College
MSN (Nursing), University of Alabama-Birmingham

Hope Bruce, 2008

Assistant Professor of Nursing
BSN (Nursing), University of North Carolina
MSN (Nursing), University of Phoenix

Michael Burger, 2011

Assistant Professor of Education
BA (Chemistry), Hastings College
MEd (Educational Administration) The University of Nebraska-Lincoln
EdD (Educational Administration, Curriculum and Instruction)
The University of Nebraska-Lincoln

Renee Burk, 2012

Assistant Professor of Nursing
ASN (Nursing), Rochester Community College, Rochester, MN
BSN (Nursing), University of North Dakota
MSN (Nursing), Texas A&M
PhD (Nursing), University of Tennessee-Knoxville

Rebecca Burleson, 2009

Assistant Professor of Education
BS (Elementary Education), East Tennessee State University
MEd (Special Education), East Tennessee State University
EdD (Special Education), University of Kentucky

William Burris, 2011

Assistant Professor of Education
BS (Natural Science), University of Tennessee-Knoxville
MS (Educational Administration and Supervision), University of Tennessee-Knoxville
EdD (Educational Administration and Supervision), University of Tennessee-Knoxville

Ronald Caldwell, 1987

Professor of Biology
Director, Cumberland Mountain Research Center
BS (Life Sciences), Indiana State University
MA (Life Sciences), Indiana State University
PhD (Zoology), Auburn University

Margie Carico, 2012

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

Sandra Carnes, 2012

Assistant Professor of Medical Laboratory Sciences
AS (Science), Southeast Community College
BS (Medical Technology), Lincoln Memorial University
MS (Medical Laboratory Science), University of North Dakota

Karen Glass Carter, 2008

Assistant Professor of Business
BS (Business Education), Radford University
MS (Management Information System), Bowie State University
PhD (Occupational/Technical Studies), Old Dominion University

Joseph Carucci, 2012

Assistant Professor of Music
Interim Chair, Humanities and Fine Arts
BM (Saxophone Performance and Music Education), Eastman School of Music-University of Rochester
MM (Music Performance), University of Kentucky
DMA (Musical Arts), University of Kentucky

Jane Castle, 2014

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

Chessica Cave, 2014

Assistant Professor of Education
BA (Interdisciplinary Studies), Virginia Intermont College
MEd (Administration and Supervision), Lincoln Memorial University
EdS (Administration and Supervision), Lincoln Memorial University
EdD, (Curriculum and Instruction), Lincoln Memorial University

Sondra Chumley, 2011

Instructor of Nursing
BSN (Nursing), Lincoln Memorial University
MSN (Nursing), University of Tennessee-Knoxville

Mahdia Ben Salem Churchwell, 2011

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

Jordan Clark, 2012

Assistant Professor of Biology
BS (Psychology), Florida State University
MS (Anatomy and Neuroscience), University of Kentucky
PhD (Anatomy and Neuroscience), University of Kentucky

Timothy Clayton, 2013

Assistant Professor of Mathematics
BS (Mathematics), Lee College
MS (Applied Mathematics), University of Tennessee-Knoxville
PhD (Mathematics), University of Tennessee-Knoxville

Michael Clyburn, 2011

Professor of Education
Dean, Carter and Moyers School of Education
BA (Religion), Trevecca Nazarene University
MA (Sociology), Middle Tennessee State University
EdD (Educational Administration and Supervision), University of Tennessee–Knoxville

Shelia Clyburn, 2011

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
EdD (Leadership and Professional Practice), Trevecca Nazarene University

Kelly Cole, 2013

Instructor of Nursing
Diploma (Registered Nurse), St. Mary's School of Nursing, Knoxville, TN
BSN (Nursing), King College
MSN (Nursing Education), King College

Joy Collingsworth, 2013

Assistant Professor of Education
BS (Education), Lincoln Memorial University
MEd (Educational Administration Supervision), Lincoln Memorial University
EdD (Educational Leadership), East Tennessee State University

David Cook, 2014

Assistant Professor of Education
BS (Social Studies Secondary Education), University of Tennessee-Knoxville
MS (Special Education), University of Tennessee-Knoxville
EdD (Education Leadership), University of Tennessee-Knoxville

Jeffrey Cook, 2009

Instructor of Music
BM (Music-Instrumental Performance), University of Miami
MM (Music-Instrumental Performance), University of Miami

Kevin Cooper, 2013

Assistant Professor of Physics
BS (Physics), Morehead State University
MS (Experimental Nuclear Physics), Ohio University
PhD (Experimental Matter Physics), Ohio University

John E. Copeland, 1976

Professor of Biology
BS (Wildlife Management), Tennessee Technological University
MS (Biology), Tennessee Technological University
PhD (Animal Science), University of Tennessee-Knoxville

Joseph Cosgriff, 2013

Assistant Professor of Education
Special Education Program Director
BFA (Fine Arts), Brigham Young
MFA (Fine Arts), Virginia Commonwealth University
MEd (Special Education), Old Dominion University
PhD (Special Education), Vanderbilt University

Andrew Courtner, 2013

Instructor of Business and Education
Director of Academic Support
BS (Business Administration), Union University
MBA (Business Administration), Post University
EdD (Educational Leadership), Union University

Christy Miller Cowan, 2006

Associate Professor of Psychology
Chair, Department of Social Sciences
AS (Humanities), Walter State Community College
BS (Psychology), East Tennessee State University
MA (Psychology), East Tennessee State University
PhD (Experimental Psychology), University of South Carolina

Jeffrey R. Darrow, 2003

Associate Professor of Mathematics
BS (Secondary Education/Mathematics), Bloomsburg University of Pennsylvania
MS (Mathematics), Shippensburg University of Pennsylvania
DA (Mathematics), Idaho State University

Rebecca Davidson, 2011

Instructor of Nursing
BSN (Nursing), University of Tennessee-Knoxville
MSN (Nursing), University of Tennessee-Knoxville

Steve Davidson, 2011

Professor of Education
Program Director, EdD Program
BM (Music education), Carson-Newman College
MEd (Supervision and Administration), East Tennessee State University
EdD (Leadership and Professional Practice), Trevecca Nazarene University

Gwendolyn M. Davis, 2007

Instructor of Nursing
BSN (Nursing), University of Tennessee-Knoxville
MSN (Nursing), Saint Joseph's College

Tammy Dean, 1988

Associate Professor of Nursing
BSN (Nursing), University of Tennessee-Knoxville
MSN (Nursing), University of Tennessee-Knoxville
DNP (Nursing Administration), Samford University

Daniel N. DeBord, 1987

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 English
BA (English and American Literature and Language), City College of The City University of New York
MA (English and American Literature and Language), Harvard University
PhD (English and American Literature and Language), Harvard University

Phyllis duMont, 2012

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

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

Sonya Engle, 2002

Instructor of Nursing
ASN (Nursing), Lincoln Memorial University
BSN (Nursing), Lincoln Memorial University
MSN (Nursing), Lincoln Memorial University
Board Certified FNP

Randall K. Evans, 1989

Professor of Veterinary Science
Associate Vice President for Comparative Medicine-Division of Health Sciences
Dean, College of Veterinary and Comparative 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

Instructor of Management
BS (Business Administration), Duquesne University,
MBA (International Business), Duquesne University
PhD (Organizational Learning and Leadership), Gannon University

Charles Faulkner, 2011

Assistant Professor of Veterinary Science
Director of Admissions, CVMC
BA (Anthropology), University of Tennessee-Knoxville
MA (Anthropology), University of Tennessee-Knoxville
PhD (Anthropology), University of Tennessee-Knoxville

Vina Faulkner, 2001

Associate Professor of Veterinary Science
Dean School of Allied Health Sciences
BS (Biology), Mt. Senario College
MS (Biology), University of Wisconsin-Eau Claire
PhD (Comparative and Experimental Medicine), University of Tennessee-Knoxville

Kimberly Ferguson, 2010

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

Janice Floyd, 2014

Instructor of Nursing
ASN (Nursing), Lincoln Memorial University
BSN (Nursing), King University
MSN (Nursing), King University
MBA (Business), King University

Jason Fowler, 2012

Assistant Professor of Biochemistry
AS (Biology), Columbus State Community College
BS (Biochemistry), Ohio State University
PhD (Biochemistry), Ohio State University

Steven Furches, 2012

Assistant Professor of Biology
BS (Environmental Health), East Tennessee University
MS (Biology), University South Dakota
PhD (Evolutionary Biology) University of Tennessee-Knoxville

Cherie Gaines, 2011

Assistant Professor of Education
AS (Elementary Education), Roane State Community College, TN
BS (Multidisciplinary Studies), Tennessee Technological University
MS (Education), Tennessee Technological University
EdS (Education), Tennessee Technological University
PhD (Education), University of Tennessee-Knoxville

Michelle Ganz, 2007

Instructor of Learning Resources
University Archivist
BA (English), Ohio State University
MA (Information Resources and Library Science), University of Arizona

Linda Garrett, 2011

Associate Professor of Nursing
Director Family Nurse Practitioner Concentration
BSN (Nursing), East Tennessee State University
MSN (Nursing), East Tennessee State University
PhD (Nursing), East Tennessee State University

Lee Gilroy, 2014

Assistant Professor of Psychology
BA (Psychology), Florida Atlantic University
MA (Psychology), Florida Atlantic University
PhD (Cognitive/Experimental Psychology), Florida Atlantic University

Elissa R. Graff, 2007

Associate Professor of Art
Director, Honors Program
BFA (Art), Miami University
MFA (Art), University of Kansas
EdD (Educational Leadership), Lincoln Memorial University

Christy Graham, 2010

Assistant Professor of Management
BBA (Accounting), Lincoln Memorial University
MBA (Business Administration), Lincoln Memorial University
MAcc (Accounting), Golden Gate University

Dan Graves, 2004

Instructor of Business and Psychology
Program Director, Management and Leadership Studies
BS (Psychology), University of Maryland
MEd (Counseling and Guidance), Lincoln Memorial University
EdD (Counseling Psychology), Argosy University

Sarah Griffith, 2012

Instructor of Nursing
AAS ((Nursing), St. Clair County Community College
BSN (Nursing), Kaplan University
MSN (Nurse Educator Track), Liberty University

James Harry, 2011

Assistant Professor of Broadcast Communications
BFA (Photography and Cinema), Ohio State University
MFA (Film and Television), Savannah College of Art and Design

Mary Hatfield, 1988

Associate Professor of Veterinary Technology
BS (Elementary Education), University of Tennessee-Knoxville
MEd (Curriculum and Instruction), Lincoln Memorial University

Anna Teekell Hayes, 2011

Assistant Professor of English
AM (English and American Literature), Washington University
BA (English), Rhodes College
MA (Philosophy/Anglo-Irish Literature), Dublin University
PhD (English and American Literature), Washington University-St. Louis

Michael Hayes, 2011

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

Angela Heatherly, 2014

Instructor of Nursing
LPN (Nursing), Jacksboro Area Vocational School
AAS (Nursing), Excelsior College
BSN (Nursing), King College
MSN (Nursing), King College

Clayton Hess, 1998

Vice President for Academic Affairs
BA (History), Lincoln Memorial University
MEd (Counseling and Guidance), Lincoln Memorial University
MEd (Curriculum and Instruction), Lincoln Memorial University
PhD (Human Services-Counseling), Walden University

Earl J. Hess, 1989

Associate Professor of History
BA (History), Southeast Missouri State University
MA (History), Southeast Missouri State University
PhD (American Studies), Purdue University

Kerry Hicks, 2013

Instructor of Nursing
AAS (Respiratory Therapy), Houston Community College
BSN (Nursing), University of Louisiana--Monroe
MS (Biology Secondary and Higher Education), Texas A&M
MSN (Nursing-FNP), University of Mississippi Medical Center

Dave Hinkes, 2008

Associate Professor of Business
BA (Politics and Public Affairs), University of Miami
MBA (Business Administration), Barry University
DBA (Business Administration), Nova Southeastern University

John R. Hoellman, 2008

Assistant Professor of Biology
BS (Microbiology), East Tennessee State University
MS (Microbiology), East Tennessee State University
PhD (Biomedical Sciences), East Tennessee State University

James Hoelscher, 2011

Assistant Professor of Business
BBA (Management), Northwood University
MBA (Business Administration), Northern Illinois University
PhD (Organization and Management), Capella University

Roger Holt, 2011

Assistant Professor of Management
BS (Business Administration), Lincoln Memorial University
MA (Human Relations/Management), Webster College
DBA (Business Administration), Nova Southeastern University

Charles Hubbard, 1995

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

Melissa Humfleet, 2004

Instructor of Nursing
ASN (Nursing), Lincoln Memorial University
BSN (Nursing), Eastern Kentucky University
MSN (Nursing), Eastern Kentucky University

Amiel Jarstfer, 2010

Professor of Biology
Dean, School of Mathematics and Sciences
BS (Biology), Friends University
PhD (Plant Pathology), University of Florida

Kevin Jones, 2008

Associate Professor of Education
MA (English), Utah State University
MA (American Studies), Utah State University
PhD (Education), Utah State University

Judy Johnson, 2013

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

Anne Marie Jones, 2013

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

Sherman Jones, 2014

Interim Dean, School of Business
BA (American Studies), Williams College
MBA (Management), Harvard Business School
EdD (Administration, Planning, Social Policy Analysis), Harvard Graduate School of Education

Young Kim, 2013

Assistant Professor of Music
Music Program Director
BM (Piano Performance) Tennessee Tech
MM (Piano Performance) University of Tennessee
DMA (Piano Performance) Louisiana State University

Robert Keeton, 2012

Assistant Professor of Criminal Justice
Director, Criminal Justice Program
BS (Police Administration), Eastern Kentucky University
MS (Criminology), Florida State University
PhD (Sociology), University of Tennessee-Knoxville

Rickey King, 2013

Assistant Professor of Nursing
Director, Nurse Anesthesia Concentration
ADN (Nursing) Oklahoma State University
BSN (Nursing) Jacksonville University
MSN (Nurse Anesthesia), The Gooding Institute of Nurse Anesthesia

Matthew Klepac, 2014

Instructor of Sociology
BS (Anthropology), Eastern Michigan University
MA (Sociology), Eastern Michigan University

Jaehan Koh, 2013

Assistant Professor of Business
BBA (Business Administration), Yonsei University-Seoul
MPA (Accounting), Indiana University-Bloomington
MS (Finance), University of Illinois-Urbana-Champaign
PhD (Finance), University of Texas-Edinburg

Christy Lear, 2014

Assistant Professor of Nursing
AAS (Nursing), Walters State Community College
BSN (Nursing), King College
MSN (Nursing), Duquesne University
DNP (Nursing), Duquesne University

Joy Lewis, 2010

Instructor, Nurse Anesthesia Program
BSN (Nursing), University of Kentucky
MSN (Nursing Anesthesia), University of Tennessee Health
Science Center

Carrie Lingerfelt, 2013

Instructor of Nursing
BSN (Nursing), East Tennessee State University
MSN (Nursing), Vanderbilt University

Sylvia Lynch, 2010

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 and Instruction), University of Tennessee-
Knoxville

Angel Luna, 2013

Assistant Professor of Art
BA (History), Whitworth College
BFA (Ceramics), Eastern Washington University
MFA (Studio Art), University of Idaho

Thomas Mackie, 2007

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

Jack Mansfield, 2006

Associate Professor of Health, Physical Education and Exercise
Science
Faculty Athletics Representative
BS (Mathematics Education), Ball State University
MS (Exercise Physiology), Florida State University
EdD (Sport Management), United States Sports Academy

Whitney Matchette, 2014

Instructor of Nursing
ASN (Nursing), Roane State Community College
BSN (Nursing), King College
MSN (Nursing Education), King College
Post-Masters Certificate (FNP), Carson-Newman University

Elizabeth Matlock, 2013

Instructor of Nursing
ASN (Nursing), Lincoln Memorial University
BS (Home Economics), University of Tennessee-Knoxville
MS (Education), University of Tennessee-Knoxville
MS (Library Science), University of Tennessee-Knoxville
MSN (Nursing), Gonzaga University

Donald McCarren, 2004

Associate Professor of Business
BA (History), Hofstra University
MBA (Marketing), Fairleigh Dickinson University
PhD (International Studies), University of Miami

Timothy McCoy, 2011

Assistant Professor of Business
BS (Business Administration), Lincoln Memorial
University
MBA (Business Administration), Lincoln Memorial
University

Mark McGinley, 2014

Assistant Professor of Theater and Speech
Technology Director, LMU Theater
BA (Drama), Carson-Newman University
MA (Theater), Louisiana Technical University

Ahleasha M. McNeal, 2006

Instructor of Health, Physical Education and Exercise
Science
BS (Athletic Training-Physical Education), Lincoln
Memorial University
MS (Exercise Science), Arkansas State University

Diane McCroskey, 2013

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

Janice P. McDonnell, 1999

Instructor of Learning Resources
Reference and Bibliographic Instruction Librarian
BA (English), University of Connecticut
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Instructor of Nursing
AAS (Nursing), Walters State Community College
BSN (Nursing), King College
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Instructor of Mathematics
BA (Mathematics), University of Virginia's
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Associate Professor of Nursing
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BSN (Nursing), Tennessee Wesleyan College
MSN (Nursing), Liberty University

Janet Mobley, 2013

Assistant Professor of Education
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BS (Elementary Education), University of Tennessee-Knoxville
MEd (Counseling and Guidance) University of Tennessee-Knoxville
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Mary Anne Modrcin, 2001

Professor of Nursing
Associate Vice President of Internal Affairs, Health Sciences
Dean, Caylor School of Nursing
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BSN (Nursing), University of Kansas
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BS (Home Economics), Berea College
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BA (History and Dramatic Arts), Centre College
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Electronic Resources Librarian
BA (Writing and Communication), Maryville College
MS (Information Sciences), University of Tennessee-Knoxville
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BS (Mathematics), Lincoln Memorial University
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MSN (Nursing-FNP), Lincoln Memorial University

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BSN (Nursing) University of Virginia's College at Wise
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BA (Psychology), Chapman University
MPA (Public Administration), University of Oklahoma
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ASN (Nursing), Our Lady of the Lake College of Nursing
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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
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MSSW (Social Work), University of Tennessee-Knoxville
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Instructor of Nursing
BSN (Nursing), Mount Saint Mary College
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BSN (Nursing), University of Kentucky
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Katherine Pebworth, 2004

Professor of Health, Physical Education and
Exercise Science
Chair, Department of Health, Physical Education and
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BS (Health and Physical Education), Berry College
MA Ed (Physical Education), University of North Alabama
PhD (Physical Education), University of South Carolina

Amy Pettit, 2007

Assistant Professor of Nursing
BSN (Nursing), University of Tennessee-Knoxville
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ASN Diploma (Nursing), Central Texas University
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BBA (Marketing), Jackson State University
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BS (Chemistry), West Virginia Wesleyan College
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ADN (Nursing), Gadsden State University
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BS (Biology), Fairmont State University
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ASN (Nursing), Lincoln Memorial University
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BS (Biology/Chemistry), Lincoln Memorial University
MS (Management and Information Systems), Nova Southeastern University
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AB (Latin, English and Classical Literature), University of Detroit
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MEd (Administration and Supervision), Georgia State
University
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BS (Mathematics), Lincoln Memorial University
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BA (French), Purdue University
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Program Director, Counseling Program
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BA (History), University of Tennessee-Chattanooga
MA (History), University of Tennessee-Knoxville
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Director of Geography
BS (Environmental Health), East Tennessee State University
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Associate Professor of Biology
Director, Environmental Science Program
BS (Biological Science), Florida State University
MS (Zoology), University of Maine
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Gary Verna, 2014

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BA (Psychology), California State University
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PhD (Child Behavior and Development), University of Iowa

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Assistant Professor of Media Communications
Director of Media Communications Program
BA (Communications/Broadcast), State University of New York
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Associate Professor of Accounting
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BS (Nursing), Texas Woman's University
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BA (Chemistry), Appalachian State University
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BS (Computer Information Systems), Nova Southeastern University
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BSN (Nursing), Carson-Newman College
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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 C. Irvine, Professor Emeritus of Humanities
Dr. Okie Wolfe, Professor Emeritus of Education

DISTINGUISHED PROFESSORS

Dr. Daniel N. DeBord
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. John E. Copeland
The Louis Lutz Distinguished Professor in Biology

Dr. Earl J. Hess
The Stewart McClelland Distinguished Professor in History

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Admissions	Toll Free 1/800-325-0900
Athletics	869-6285/fax: 869-6382
Bookstore	869-6306
Finance Office	869-6315/fax: 869-4825
Financial Aid	869-6336
Finley Learning Resources Center	869-6219
Graduate Business Department	869-6254
Graduate Education Department	869-6374
Graduate Nursing Department	869-6210
J. Frank White Academy	869-6234
Human Resources	869-6302
President's Office	869-6392
Registrar	869-6313
Sigmon Communications Center	869-7095
Student Services	869-7166/fax: 869-6204
Tagge Center for Academic Excellence	869-6310
University Advancement	869-7072/fax: 869-6370

Dean - Office Directory

School of Allied Health Sciences	869-7149
School of Arts and Humanities	869-6815
School of Business	869-6254
Carter and Moyers School of Education	869-6223
Caylor School of Nursing	869-6324
Community College Partnerships	869-6279
School of Mathematics and Sciences	869-6364

Undergraduate Academic Departments

Athletic Training	869-6813
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Business	869-6254
Chemistry and Physics	869-6472
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Health, Physical Education and Exercise Science	869-6461
Humanities and Fine Arts	869-6799
Language and Literature	869-6339
Mathematics	869-6413
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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.

Updates

- 11/26/14 p. 88:
 - Rename ELI 053 – Grammar and Communications 5 (3 cr hrs) to ELI 101
 - Remove ELI 054 – Grammar and Communications 5 Review (3 cr hrs)
 - Rename ELI 063 – Grammar and Communications 6 (3 cr hrs) to ELI 102
 - Remove ELI 064 – Grammar and Communications 6 Review (3 cr hrs)
 - Added: ELI 101/102: Any international student who scores below 550 (paper) or 79-80 (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.
- 1/7/2015 p. 25: added “Class Attendance: Students must comply with the class attendance policy as stated in the syllabus for each course.”
- 1/23/2015 p. 25 added “This requirement applies to all courses regardless of the delivery method, i.e., traditional, blended (hybrid), and online.”

Errata

- 8/25/14:p. 106– corrected omission of ENGL 310 as prerequisite for PHIL 420 & 430
- 9/9/14 p.93-94— deleted ENGL 310 as prerequisite for all HIST 400-level classes.
- 11/17/14 p. 35– corrected total credit hours for Baccalaureate degree to 45-46.
- 11/17/14 p. 80– added omitted Allied Health Sciences section and AHSC 300
- 11/25/14 p. 25— corrected final sentence in Student Coarse Load section to read, “Students on academic probation may register for 12 to 16 hours during their probationary period with schedules approved in the Office of Academic Affairs.”
- 1/7/15 p. 26— edited and changed sentence order for Academic Warning section of “Standards of Academic Progress.”
- 1/7/15 p. 16-17— corrected typo in “withdrawals” and edited first sentence under “Official Withdrawal.”
- 1/23/15 p. 35-38, 81-82— corrected Athletic Training Education Program (ATEP) to Athletic Training Program (ATP).
- 1/23/15 p. 81-82– Corrected Pre-requisites to be ATTR 170, 170L for ATTR 281, 296, 296L, 405, and 405L.
- 1/23/15 p. 81-82– Corrected Pre-requisites to be ATTR 296, 296L for ATTR 297, 297L.
- 1/23/15 p. 81-82– Corrected Pre-requisites to be ATTR 298, 298L for ATTR 371, 371L.
- 1/23/15 p. 81-82– Corrected Pre-requisites to be ATTR 298, 298L, 300, 312, 312L, 381, and PEXS 300 for ATTR 382.
- 1/23/15 p. 81-82– Corrected Pre-requisites to be ATTR 382 for ATTR 491.