UNIVERSITY OF PIKEVILLE

COLLEGE OF ARTS AND SCIENCES

CATALOG
2011-2012
CHANGES
The contents of this catalog are provided for students in programs administered by the College of Arts and Sciences: associate, baccalaureate, and masters programs. A copy of the catalog for the University of Pikeville Kentucky College of Osteopathic Medicine may be obtained upon request. Information in this catalog is prepared on the basis of the best information available at the time of publication, including statements of fees, course offerings, and academic regulations. The catalog was accurate at the time of printing, but is subject to change as deemed appropriate by the University of Pikeville in order to fulfill its mission or to accommodate circumstances beyond its control. Any such changes may be implemented without prior notice and without obligation and, unless otherwise specified, are effective when made.

STATEMENT OF NON-DISCRIMINATION
It is the policy of the University that no student shall be excluded from participating in, be denied the benefits of, or be subjected to discrimination in any program sponsored by the University because of gender, race, religion, sexual orientation, age, handicap, or national origin. In order to promote a broad learning environment, the University of Pikeville welcomes applications from individuals of diverse backgrounds.
REPRESENTATION OF ACCREDITATION STATUS

The University of Pikeville is accredited by the Commission on Colleges of the Southern Association of Colleges and Schools to award associate, baccalaureate, masters, and doctoral 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 the University of Pikeville. All other inquiries should be addressed to the University of Pikeville at 147 Sycamore Street, Pikeville, Kentucky 41501 or call 606-218-5250.

The University’s program for the associate degree in Nursing is approved by the Kentucky Board of Nursing, and programs in Teacher Education are approved by the Kentucky Education Professional Standards Board. The University’s degree program in Social Work has begun the initial accreditation process with the Council on Social Work Education and has been granted candidacy status. The University of Pikeville Kentucky College of Osteopathic Medicine has been granted accreditation by the American Osteopathic Association’s Commission on Osteopathic College Accreditation. This body is recognized by the U.S. Department of Education as the accrediting agency for colleges educating osteopathic physicians.

The University holds membership in the following associations:

- American Association of Colleges of Osteopathic Medicine
- American Association of Collegiate Registrars & Admissions Officers
- American Association of Colleges for Teacher Education
- American Council on Education
- American Library Association
- American Nurses Association
- American Society of Composers, Authors, and Publishers
- Appalachian College Association
- Association of Governing Boards of Universities and Colleges
- Association of Independent Kentucky Colleges and Universities
- Association of Presbyterian Colleges and Universities
- Association of Student Athletics
- Council for Advancement and Support of Education
- Council for Higher Education Accreditation
- Council of Independent Colleges
- Council on Social Work Education
- Federation of Kentucky Academic Libraries
- Kentucky Association of College Admissions Counselors
- Kentucky Association of Collegiate Registrars and Admissions Officers
- Kentucky Association of Colleges for Teacher Education
- Kentucky Association of Secondary & College Admissions Counselors
- Kentucky Association of Student Financial Aid Administrators
- Kentucky Consortium for Faculty Development
- Kentucky Council of Associate Degree Nursing
- Kentucky Institute for International Studies
- Mid South Conference
- National Academic
- National Association of College and University Business Officers
- National Association of College Stores
- National Association of Independent Colleges and Universities
- National Association of Intercollegiate Athletics
- National League for Nursing
- National Organization for Associate Degree Nursing
- National Presbyterian College Scholarship
- Private College Consortium for International Study
- South Atlantic Association of Department of English
- Southern Association of Collegiate Registrars & Admissions Officers
- Southern Association of Colleges and Schools
- Southern Association of Colleges and University Business Officers
- Southern Association of Student Financial Aid Administrators
- USBC Collegiate
PRESIDENT’S MESSAGE

The University of Pikeville has deep roots and a proud heritage. It was founded in 1889 by Presbyterians with a mission of providing the best possible educational opportunities to the people of the Central Appalachian Mountains.

On July 1, 2011, Pikeville College officially became the University of Pikeville, a bold and strategic move that will build upon this great institution’s tradition of excellence. We are the leading university of Central Appalachia; we will be even more so in the future.

As part of the plan for growth, the University has been reorganized into two schools – the College of Arts and Sciences and the Kentucky College of Osteopathic Medicine (KYCOM). The medical school’s new name reflects the expanded outreach of our mission and the areas we serve. KYCOM has already been recognized as a national leader in the training of physicians in family medicine and for service in rural areas of the country. We generally have students from about 25 to 30 states in our medical school and a similar number of states represented in our undergraduate program. We are beginning to develop other graduate programs to meet the needs of the region, including a Master of Business Administration, which accepted its first class in fall 2011.

We use full-time, professional instructors as the core of our faculty with no graduate student instructors and adjunct instructors only to meet a short-term need. Our professors have regular office hours and are available to guide all our students who seek additional help. We will give you as good a classroom experience as you can get at any similar institution. Our small campus and our small student body allow us to give individual attention to every student.

Getting an education is more than the classroom experience. From athletics to academics to artistic activities, we provide and encourage our students to get involved in order to develop leadership, networking and cultural diversity skills because that is what the real world requires. The Student Government Association, social sororities and fraternities, varsity and intramural athletic programs, religious organizations, academic teams and honorary clubs and societies provide opportunities for every student to get involved in a meaningful way to develop the skills which will be needed in the world of work and family. My office is always open to you and your parents. I look forward to working with you.

Paul E. Patton
President, University of Pikeville
(Governor of Kentucky, 1995-2003)
UNIVERSITY OF PIKEVILLE STATEMENT OF MISSION

Commitment to Christian Tradition
The University of Pikeville is an independent institution affiliated with the Presbyterian Church (USA). Founded by Presbyterians in 1889, the University stands as an opportunity for quality higher education in the heart of Appalachia. Maintaining its commitment to Christian principles, the University recognizes the infinite worth of each person, respecting and accepting a variety of religious expressions.

The University of Pikeville is committed to enhancing the educational, cultural, and economic opportunities for Appalachia through quality academic and continuing education programs as well as involvement in community service and humanitarian efforts.

Commitment to Students
While the University remains primarily committed to serving students from Appalachia, it encourages and welcomes students from all regions and cultural backgrounds. The University of Pikeville provides an opportunity for students to receive a quality education that focuses on the development of the whole person, including the intellectual, spiritual, social, and physical dimensions.

Commitment to Education
The University of Pikeville offers associate, baccalaureate, and graduate degree programs that prepare students for a variety of professions or careers. The undergraduate curriculum rests on a broad liberal arts foundation, emphasizing communicative and quantitative skills; independent thinking; tolerance of diverse points of view; cultural, historical, and ethical awareness; and preparation for leadership, civic responsibility, and lifelong learning. The University of Pikeville Kentucky College of Osteopathic Medicine provides graduate students with an osteopathic medical education that emphasizes primary care, encourages research, promotes lifelong scholarly activity, and produces graduates who are committed to serving the health care needs of communities in eastern Kentucky and other Appalachian regions. The University of Pikeville is committed to enhancing the educational, cultural, and economic opportunities for Appalachia through quality academic and continuing education programs as well as involvement in community service and humanitarian efforts.

Commitment to Community and Region
The University of Pikeville is committed to enhancing the educational, cultural, and economic opportunities for Appalachia through quality academic and continuing education programs as well as involvement in community service and humanitarian efforts.

THE UNIVERSITY OF PIKEVILLE INSTITUTIONAL GOALS

The University has set the following ten general goals for carrying out its mission:

I. To maintain a sense of community which stresses ethical and moral values, fosters an appreciation for diversity, and provides an atmosphere that accepts and respects a variety of backgrounds and modes of religious expression within a Christian context.

II. To offer each undergraduate student the opportunity to receive a liberal arts education, emphasizing the value of intellectual development through the promotion of independent and creative thinking as well as the development of basic communication and problem-solving skills.

III. To assist each student in acquiring competence in a chosen professional or career-oriented field based on a broad liberal arts foundation, which encourages lifelong learning.

IV. To enhance each student’s sense of self-worth, self-discipline, and personal integrity while developing social responsibility and leadership potential through a comprehensive co-curricular program.

V. To provide each medical student the personal and professional skills necessary to improve health care services in the Appalachian region.

VI. To maintain a community of high-quality faculty, staff, administrators, and trustees who are dedicated to meeting the individual needs of students and who promote a caring and supportive environment conducive to learning.

VII. To provide necessary resources for a quality education through instructional materials, information technology, library and physical facilities.

VIII. To promote the growth and development of the community at large by encouraging faculty, staff, students, and alumni to serve the community and by encouraging members of the community to serve the University.

IX. To maintain efficient and effective administrative services for institutional and educational support programs.

X. To secure support from private, state, and federal sources to strengthen the University’s viability through sound fiscal policy.
HISTORY OF UNIVERSITY OF PIKEVILLE

Pikeville College was established in 1889 as an outreach of the Presbyterian Church, after an extensive survey of the religious and educational needs of eastern Kentucky. An 1887 scouting party, which included Dr. W.C. Condit, Rev. Samuel B. Alderson, and Rev. James P. Hendrick, set forth (in Condit’s words) to “select the location for an institution of higher learning for the youth of the mountains.”

September 16, 1889, was the first day of class at Pikeville College Institute, a four-room, brick building situated on three acres of land in Pikeville, Kentucky. It functioned as both school and church. The institute was not originally intended to confer degrees, but to give “good practical education to those persons who pursue its courses.” At that time, the institute offered schoolwork in primary, preparatory, and “college” departments.

In 1909, the structure of the school changed. After obtaining permission from the Synod, the articles of incorporation were amended to make Pikeville College a chartered college, empowered by the state of Kentucky to offer four years of college work and confer baccalaureate degrees. Although the college immediately began planning the additional curriculum and faculty needed for this endeavor, the school maintained its commitment to primary and secondary education in the region by sustaining the Pikeville College Academy for grades 1-12. Pikeville College admitted its first college freshman class in 1916. The final two years of college were not added until 1955, and the first baccalaureate graduation was held in 1957, a year that also marked the closing of the Pikeville College Academy.

Pikeville has continued to evolve throughout the years, changing its curricula to meet the changing needs of Appalachia. Students may earn either associate or baccalaureate degrees in a variety of majors in conjunction with a quality liberal arts and science curriculum. As further evidence of its commitment to the health and well being of the Appalachian region, in the fall of 1997 Pikeville College admitted its first students into the newly established Pikeville College School of Osteopathic Medicine.

On July 1, 2011, the college officially became the University of Pikeville, a bold and strategic move that will build upon the institution’s tradition of excellence. The University was reorganized into two schools – the College of Arts and Sciences and the Kentucky College of Osteopathic Medicine. As part of the plan for growth, a program leading to a Master of Business Administration began in fall 2011.

The motto of the University is “Prospiciam ad Montes” or “Look to the Mountains.” When people in the valley below do so, they see a thriving institution dedicated to the education of its people. What began as only a dream has endured more than a century of strife and prosperity, emerging as the “Leading University of Central Appalachia.”
University of Pikeville
College of Arts and Sciences
Undergraduate Catalog
2011-2012
# 2011-2013 Undergraduate Academic Calendar

The University of Pikeville reviews and publishes its academic calendar each year. The calendar was accurate at the time of printing, but is subject to change as deemed appropriate by the University of Pikeville in order to fulfill its mission or to accommodate circumstances beyond its control. Any such changes may be implemented without prior notice and without obligation and, unless otherwise specified, are effective when made. The following calendar is **Subject To Revision**.

## Fall Semester 2011

<table>
<thead>
<tr>
<th>Month</th>
<th>Date</th>
<th>Event Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>August</td>
<td>18-19</td>
<td>Open Registration/New Student Orientation</td>
</tr>
<tr>
<td></td>
<td>22</td>
<td>Classes begin</td>
</tr>
<tr>
<td></td>
<td>23</td>
<td>Last day for New Students to Register for classes</td>
</tr>
<tr>
<td></td>
<td>25</td>
<td>Last day to “Add” a class</td>
</tr>
<tr>
<td>September</td>
<td>5</td>
<td>Labor Day (No classes)</td>
</tr>
<tr>
<td></td>
<td>28</td>
<td>Last day to receive a grade of “W”</td>
</tr>
<tr>
<td>October</td>
<td>13-14</td>
<td>Fall Holiday (No classes)</td>
</tr>
<tr>
<td></td>
<td>19</td>
<td>Midterm Grades Due</td>
</tr>
<tr>
<td>November</td>
<td>2-18</td>
<td>Early registration for Spring 2011</td>
</tr>
<tr>
<td></td>
<td>23-25</td>
<td>Thanksgiving recess (No classes)</td>
</tr>
<tr>
<td></td>
<td>28</td>
<td>Classes Resume</td>
</tr>
<tr>
<td>December</td>
<td>6</td>
<td>Last day of classes</td>
</tr>
<tr>
<td></td>
<td></td>
<td>(last day to receive a grade of “WP” or “WF”)</td>
</tr>
<tr>
<td></td>
<td>7</td>
<td>“Study Day” (No classes)</td>
</tr>
<tr>
<td></td>
<td>8</td>
<td>Begin Final Exams</td>
</tr>
<tr>
<td></td>
<td>14</td>
<td>Last day of Final Exams</td>
</tr>
</tbody>
</table>

## Spring Semester 2012

<table>
<thead>
<tr>
<th>Month</th>
<th>Date</th>
<th>Event Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>January</td>
<td>17</td>
<td>Open Registration/New Student Orientation</td>
</tr>
<tr>
<td></td>
<td>18</td>
<td>Classes begin</td>
</tr>
<tr>
<td></td>
<td>19</td>
<td>Last day for New Students to Register for classes</td>
</tr>
<tr>
<td></td>
<td>23</td>
<td>Last day to “Add” a class</td>
</tr>
<tr>
<td>February</td>
<td>24</td>
<td>Last day to receive a grade of “W”</td>
</tr>
<tr>
<td>March</td>
<td>2</td>
<td>Last day to file for May 2012 graduation</td>
</tr>
<tr>
<td></td>
<td>14</td>
<td>Midterm Grades Due</td>
</tr>
<tr>
<td></td>
<td>19-23</td>
<td>Spring Break</td>
</tr>
<tr>
<td>April</td>
<td>6</td>
<td>Good Friday (No classes)</td>
</tr>
<tr>
<td></td>
<td>9</td>
<td>Easter Holiday (No classes)</td>
</tr>
<tr>
<td></td>
<td>11-26</td>
<td>Early registration for Summer/Fall 2012</td>
</tr>
<tr>
<td>May</td>
<td>7</td>
<td>Last day of classes</td>
</tr>
<tr>
<td></td>
<td></td>
<td>(last day to receive a grade of “WP” or “WF”)</td>
</tr>
<tr>
<td></td>
<td>8</td>
<td>“Study” Day</td>
</tr>
<tr>
<td></td>
<td>9</td>
<td>Begin Final Exams</td>
</tr>
<tr>
<td></td>
<td>15</td>
<td>Last day of Final Exams</td>
</tr>
<tr>
<td></td>
<td>19</td>
<td>Commencement</td>
</tr>
</tbody>
</table>
Summer Session I (June 5 – July 6, 2012)*
June  4  Registration
      5  Classes begin
      6  Last day to “Register” or “Add” a class
      13 Last day to receive a grade of “W”
July  4  4th of July Holiday (No classes)
      5  Last day of classes
          (last day to receive a grade of “WP” or “WF”)
      6  Final exams
*Summer School I classes normally meet Tuesday through Friday, except as noted.

Summer Session II (July 10 - August 3, 2012)*
July  9  Registration
      10 Classes begin
      11 Last day to “Register” or “Add” a class
      17 Last day to receive a grade of “W”
August  2 Last day of classes
          (last day to receive a grade of “WP” or “WF”)
      3  Final Exams
* Summer School II classes normally meet Monday through Friday, except as noted.

Summer Session III (June 5 – August 3, 2012)*
June  4  Registration
      5  Classes begin
      6  Last day to “Register” or “Add” a class
      27 Last day to receive a grade of “W”
July  4  4th of July Holiday (No Classes)
August  2 Last day of classes
          (last day to receive a grade of “WP” or “WF”)
      3  Final Exams
*Summer School III classes are normally online, except as noted.
## Fall Semester 2012

<table>
<thead>
<tr>
<th>Month</th>
<th>Date</th>
<th>Event Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>August</td>
<td>16</td>
<td>Open Registration/New Student Orientation</td>
</tr>
<tr>
<td></td>
<td>20</td>
<td>Classes begin</td>
</tr>
<tr>
<td></td>
<td>21</td>
<td>Last day for New Students to Register for classes</td>
</tr>
<tr>
<td></td>
<td>23</td>
<td>Last day to “Add” a class</td>
</tr>
<tr>
<td>September</td>
<td>3</td>
<td>Labor Day (No classes)</td>
</tr>
<tr>
<td></td>
<td>26</td>
<td>Last day to receive a grade of “W”</td>
</tr>
<tr>
<td>October</td>
<td>3</td>
<td>Last day to file for December 2011 graduation</td>
</tr>
<tr>
<td></td>
<td>11-12</td>
<td>Fall Holiday (No classes)</td>
</tr>
<tr>
<td></td>
<td>17</td>
<td>Midterm Grades Due</td>
</tr>
<tr>
<td>November</td>
<td>1-16</td>
<td>Early registration for Spring 2012</td>
</tr>
<tr>
<td></td>
<td>21-23</td>
<td>Thanksgiving recess (No Classes)</td>
</tr>
<tr>
<td></td>
<td>26</td>
<td>Classes resume</td>
</tr>
<tr>
<td>December</td>
<td>4</td>
<td>Last day of classes</td>
</tr>
<tr>
<td></td>
<td>5</td>
<td>(last day to receive a grade of “WP” or “WF”)</td>
</tr>
<tr>
<td></td>
<td>6</td>
<td>“Study Day” (No classes)</td>
</tr>
<tr>
<td></td>
<td>12</td>
<td>Last day of Final Exams</td>
</tr>
</tbody>
</table>

## Spring Semester 2013

<table>
<thead>
<tr>
<th>Month</th>
<th>Date</th>
<th>Event Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>January</td>
<td>15</td>
<td>Open Registration/New Student Orientation</td>
</tr>
<tr>
<td></td>
<td>16</td>
<td>Classes begin</td>
</tr>
<tr>
<td></td>
<td>17</td>
<td>Last day for New Students to Register for classes</td>
</tr>
<tr>
<td></td>
<td>22</td>
<td>Last day to “Add” a class</td>
</tr>
<tr>
<td>February</td>
<td>28</td>
<td>Last day to receive a grade of “W”</td>
</tr>
<tr>
<td>March</td>
<td>1</td>
<td>Last day to file for May 2012 graduation</td>
</tr>
<tr>
<td></td>
<td>18-22</td>
<td>Spring Break</td>
</tr>
<tr>
<td></td>
<td>27</td>
<td>Midterm Grades Due</td>
</tr>
<tr>
<td>April</td>
<td>29</td>
<td>Good Friday (No classes)</td>
</tr>
<tr>
<td></td>
<td>3-18</td>
<td>Early registration for Summer/Fall 2013</td>
</tr>
<tr>
<td>May</td>
<td>6</td>
<td>Last day of classes</td>
</tr>
<tr>
<td></td>
<td>7</td>
<td>(last day to receive a grade of “WP” or “WF”)</td>
</tr>
<tr>
<td></td>
<td>8</td>
<td>“Study” Day</td>
</tr>
<tr>
<td></td>
<td>14</td>
<td>Begin Final Exams</td>
</tr>
<tr>
<td></td>
<td>18</td>
<td>Commencement</td>
</tr>
</tbody>
</table>
## Summer Session I (June 4 – July 5, 2013)*

<table>
<thead>
<tr>
<th>Month</th>
<th>Date</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>June</td>
<td>3</td>
<td>Registration</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>Classes begin</td>
</tr>
<tr>
<td></td>
<td>5</td>
<td>Last day to “Register” or “Add” a class</td>
</tr>
<tr>
<td></td>
<td>12</td>
<td>Last day to receive a grade of “W”</td>
</tr>
<tr>
<td>July</td>
<td>4</td>
<td>4th of July Holiday (No classes)</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>Last day of classes</td>
</tr>
<tr>
<td></td>
<td>5</td>
<td>Final Exams</td>
</tr>
</tbody>
</table>

*Summer School I classes normally meet Tuesday through Friday, except as noted.

## Summer Session II (July 9 - August 2, 2013)*

<table>
<thead>
<tr>
<th>Month</th>
<th>Date</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>July</td>
<td>8</td>
<td>Registration</td>
</tr>
<tr>
<td></td>
<td>9</td>
<td>Classes begin</td>
</tr>
<tr>
<td></td>
<td>10</td>
<td>Last day to “Register” or “Add” a class</td>
</tr>
<tr>
<td></td>
<td>16</td>
<td>Last day to receive a grade of “W”</td>
</tr>
<tr>
<td>August</td>
<td>1</td>
<td>Last day of classes</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>Final exams</td>
</tr>
</tbody>
</table>

* Summer School II classes normally meet Monday through Friday, except as noted.

## Summer Session III (June 4 – August 2, 2013)*

<table>
<thead>
<tr>
<th>Month</th>
<th>Date</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>June</td>
<td>3</td>
<td>Registration</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>Classes begin</td>
</tr>
<tr>
<td></td>
<td>5</td>
<td>Last day to “Register” or “Add” a class</td>
</tr>
<tr>
<td></td>
<td>26</td>
<td>Last day to receive a grade of “W”</td>
</tr>
<tr>
<td>July</td>
<td>4</td>
<td>4th of July Holiday (No classes)</td>
</tr>
<tr>
<td>August</td>
<td>1</td>
<td>Last day of classes</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>Final exams</td>
</tr>
</tbody>
</table>

*Summer School III classes are normally online, except as noted.
UNDERGRADUATE ADMISSION INFORMATION

The University of Pikeville supports a liberal admission policy emphasizing flexibility and individuality. Each applicant for the undergraduate program is evaluated by the Office of Admissions on the basis of past academic achievement and potential for success at the University of Pikeville.

Unless otherwise stated, applications for admission will be considered through the registration period. Questions regarding admissions should be directed to the Office of Admissions, Scholarships and Financial Aid.

Admission Requirements (General)
An applicant for admission must provide the Office of Admissions with the following by the designated document deadline:

1. Application for admission.
2. An official transcript indicating successful completion of high school or its equivalent as shown by the General Educational Development (GED) test.
3. Official transcript(s) of any college or other post-secondary courses.
4. Official results of the American College Test (ACT) or the Scholastic Aptitude Test (SAT). (Note: Students who take the ACT Residual Examination at the University of Pikeville may only use these scores for admission to the University of Pikeville).
5. Personal interview (if requested by the Office of Admissions).

Transfer Applicants
Transfer students are required to submit official transcripts from all colleges previously attended by the designated document deadline. Admission to the University will be based on the overall grade point average achieved. Applicants with a cumulative 2.0 grade point average or higher (on 0-4 quality point scale) will be admitted in good standing. Transfer applicants with less than a 2.0 grade point average will be reviewed for admission to the University. Those transfer applicants who are admitted to the University with less than a 2.0 grade point average will be placed on probation under the same restrictions applied to University of Pikeville students. Applicants suspended from the last institution attended for academic or social reasons will be reviewed by the Enrollment Committee. Applicants who are denied submission may petition the Enrollment Committee.

Transfer Credit
The University accepts credit for courses from regionally accredited institutions according to the policies outlined below:

1. Transfer credit will be awarded for courses comparable to those taught at the University of Pikeville and/or that are compatible with a liberal arts education; credit is not granted for developmental studies courses.
2. Credit will be granted only for courses with a grade of “C” or above.
3. Transfer students are required to complete all the stated requirements for the degree to be received. Sixty hours must be earned at a four-year institution; the last thirty credit hours prior to graduation must be earned at the University of Pikeville.
4. At least 50% of the credit hours required in the major, minor, or area of concentration and a total of 25% of the credit hours toward the degree must be earned at the University of Pikeville.
5. The final grade point average (GPA) will include only those hours earned at the University of Pikeville.
6. In order to be considered for honors at the time of commencement, a student must have completed a minimum of 60 hours at the University of Pikeville.
7. Upon receipt of official transcripts, the University will make every effort to inform students of the amount of credit that will transfer prior to enrollment, but no later than the end of the first term of enrollment. A notation of “P” and the credit hours transferring are recorded on the University of Pikeville transcript; grade point averages and quality points are not recorded.
8. The University of Pikeville accepts dual credit for courses that correspond with similar courses offered at the University, provided such courses are offered by a regionally accredited institution, ensuring instruction by qualified faculty and adherence to appropriate placement criteria.

Students may petition for the transfer of credit not covered by the aforementioned. Requests will be considered on an individual basis according to established criteria. Further information and appropriate procedures for requesting transfer credit may be obtained from the Registrar’s Office.

Early Admission
Early admission is available to highly qualified high school students after the end of their sophomore year. It enables the student to complete any remaining academic requirements for a high school diploma at the high school while simultaneously engaging in college study at the University of Pikeville. Admission requirements include:

1. A personal interview;
2. Verification of rank in upper one-third of class;
3. Certification from high school of courses yet to be completed for high school diploma;
4. Written approval and recommendation of the high school guidance counselor or principal.
Dual Credit Opportunities
The University of Pikeville partners with local high schools to offer select courses for dual credit. The program allows qualified high school juniors and seniors to earn both high school and college credit at the same time. The intention of the program is threefold: to challenge high achieving students, to allow students to earn college credit, and to provide students with college classroom experiences.

High school students interested in the program should contact the University of Pikeville Admissions Office or their high school counselor to obtain information about registration and fees.

International Students
Those applicants for admission who are not U.S. citizens must submit the following:

1. An international student admission application instead of the general admission application for U.S. citizens.
2. Certified copies of all previous high school and post-high school academic records (in English translation).
3. Evidence of ability to meet financial obligations during the enrollment period.
4. Evidence of English proficiency determined as follows:
   a. TOEFL (Test of English as a Foreign Language) Score: Official TOEFL total score of 80 (Internet-based) or 213 (computer-based) or 550 (paper-based minimum);
   b. Certified results of successful completion of the highest level of English language instruction at an English Language School in the U.S.A.; or
   c. If transferring from a U.S. college: A personal interview, or evaluation of transcript from transferring institution in regard to successful completion of English courses.
5. Application deadline: June 1 for Fall semester and November 1 for Spring semester.

Senior Citizens
Any individual sixty-five years of age or older wishing to attend undergraduate classes may do so as a special student without being a high school graduate or having a GED. Interested parties must complete an admission application and, if a degree seeking student, submit official transcripts of any post-secondary course work completed.

Readmission
Any student who has been away from the University of Pikeville for at least one academic semester or has withdrawn from the institution during the previous semester must reapply for admission. An updated admissions application and official transcripts from any institutions attended while away from the University of Pikeville are required for readmission. In certain situations, such as dismissal for academic reasons, other requirements may have to be met by the student before readmission is granted. Please consult related sections of this catalog for additional information.

Categories of Admission
All students at the University of Pikeville are admitted under one of the following categories:

1. Degree candidates are those students seeking either a two or four-year degree and meeting all requirements for admission.
2. Special students are those students not meeting all requirements for “regular” acceptance who may be admitted to certain classes such as special, non-degree seeking students. Students must be qualified to enroll in classes with prerequisites, unless a waiver is granted by the Dean of the College of Arts and Sciences. A student may take up to 15 hours under this status.
3. Certification candidates are those students who hold a baccalaureate degree from an accredited college or university and are seeking teacher certification in an appropriate teaching field.

Demographic Information
The University of Pikeville welcomes students from all regions and cultural backgrounds. In Fall 2010, the University of Pikeville undergraduate program enrolled 1022 students from twenty-four states, six foreign countries, and Puerto Rico. Of that number, 77% came from the Appalachian Region as defined by the Appalachian Regional Commission. Additional demographic data and student success data is shown below:

Student Body Diversity
Degree-Seeking Undergraduate Students, Fall 2010

<table>
<thead>
<tr>
<th>Diversity by Gender:</th>
<th>Diversity by Race/Ethnicity:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Male</td>
<td>American Indian</td>
</tr>
<tr>
<td>55%</td>
<td>0.2%</td>
</tr>
<tr>
<td>Female</td>
<td>Asian</td>
</tr>
<tr>
<td>45%</td>
<td>0.3%</td>
</tr>
<tr>
<td></td>
<td>Black, Non-Hispanic</td>
</tr>
<tr>
<td></td>
<td>11.2%</td>
</tr>
<tr>
<td>Diversity by Federal Financial Aid:</td>
<td></td>
</tr>
<tr>
<td>Federal Pell Grant Recipients</td>
<td>Hispanic</td>
</tr>
<tr>
<td>60%</td>
<td>1.2%</td>
</tr>
<tr>
<td>Non Pell Grant Recipients</td>
<td>White, Non-Hispanic</td>
</tr>
<tr>
<td>40%</td>
<td>86.5%</td>
</tr>
<tr>
<td></td>
<td>International Students</td>
</tr>
<tr>
<td></td>
<td>0.6%</td>
</tr>
</tbody>
</table>
Intercollegiate Athletic Program Participation Rates and Financial Support Data

Of the total number of male full-time, degree-seeking undergraduate students enrolled at the University of Pikeville in Fall 2009, 57 percent participated in at least one intercollegiate athletic program.

Of the total number of female full-time, degree-seeking undergraduate students enrolled at the University of Pikeville in Fall 2009, 29 percent participated in at least one intercollegiate athletic program.

<table>
<thead>
<tr>
<th>All Athletic Participants</th>
<th>All Athletically-related Student Aid</th>
</tr>
</thead>
<tbody>
<tr>
<td>Male</td>
<td>67%</td>
</tr>
<tr>
<td>Female</td>
<td>33%</td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Retention Rate
For the cohort of all first-time, full-time freshmen who entered the University of Pikeville in Fall 2009, 54 percent returned to the University in Fall 2010.

Completion/Graduation Rates
For the cohort of full-time, first-time bachelor’s degree-seeking freshmen who entered University of Pikeville in Fall 2004, 38 percent graduated from the University within six years.

<table>
<thead>
<tr>
<th>Completion Rate by Gender:</th>
<th>Completion Rate by Financial Aid:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Male</td>
<td>29%</td>
</tr>
<tr>
<td>Female</td>
<td>46%</td>
</tr>
<tr>
<td></td>
<td>Pell Grant</td>
</tr>
<tr>
<td></td>
<td>Subsidized Stafford Loan, no Pell</td>
</tr>
<tr>
<td></td>
<td>Neither Pell or Subsidized Stafford Loan</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Completion Rate by Race/Ethnicity:</th>
</tr>
</thead>
<tbody>
<tr>
<td>White</td>
</tr>
<tr>
<td>Black, non-Hispanic</td>
</tr>
<tr>
<td>Other</td>
</tr>
</tbody>
</table>

For the cohort of full-time, first-time bachelor’s degree-seeking freshmen who entered University of Pikeville in Fall 2004 and received athletically-related student aid, 32 percent graduated from the University within six years.

<table>
<thead>
<tr>
<th>Completion Rate by Sport:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Football</td>
</tr>
<tr>
<td>Men’s Basketball</td>
</tr>
<tr>
<td>Women’s Basketball</td>
</tr>
<tr>
<td>Baseball</td>
</tr>
<tr>
<td>Cross Country</td>
</tr>
<tr>
<td>All Other Sports Combined</td>
</tr>
</tbody>
</table>

Placement in Employment/Job Placement Rates
2009 Graduating Class

<table>
<thead>
<tr>
<th>Employment Status:</th>
<th>Primary Employer Classification:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Employed Full-time</td>
<td>Health agency (e.g., hospital, clinic)</td>
</tr>
<tr>
<td>Employed Part-time</td>
<td>Elementary/secondary school</td>
</tr>
<tr>
<td>Not employed, but am seeking</td>
<td>Business (industrial, commercial., or service)</td>
</tr>
<tr>
<td>Not employed, and am not seeking</td>
<td>Federal, state, or local government</td>
</tr>
<tr>
<td></td>
<td>Other</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Current job related to PC degree major:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Related/Closely Related</td>
</tr>
<tr>
<td>If unrelated, this is by choice</td>
</tr>
</tbody>
</table>
Types of Graduate and Professional Education in which the Institution’s Graduates Enroll
Post baccalaureate data for the 2005 Graduating Class

<table>
<thead>
<tr>
<th>Post-Baccalaureate Education</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Enrolled in a college or university since earning degree:</td>
<td>41%</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Degree program enrolled:</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Academic Master’s, Professional Master’s</td>
<td>77%</td>
</tr>
<tr>
<td>Medicine (MD, DO, etc.)</td>
<td>12%</td>
</tr>
<tr>
<td>Law (LLB, JD)</td>
<td>4%</td>
</tr>
<tr>
<td>Other</td>
<td>7%</td>
</tr>
</tbody>
</table>
UNDERGRADUATE FINANCIAL INFORMATION

The University of Pikeville seeks to provide excellent instruction and pleasant living conditions at a modest expense.

As a private institution of higher education, the University of Pikeville does not receive a fixed amount of state or federal funding. For undergraduate programs, student tuition covers approximately one-third of the educational cost. Therefore, to support its academic programs, the University accepts funds from foundations, corporations, endowments, alumni, parents, and friends of the University. Additionally, the University administers an extensive federal, state, and institutional financial aid program.

Students may attend the University of Pikeville despite their financial limitations. In order to do so, however, they are urged to seek financial assistance early from the Office of Admissions, Scholarships and Financial Aid. The following figures are for the 2011-2012 academic year. These fees are subject to annual revision.

<table>
<thead>
<tr>
<th>Costs (2011-2012)*</th>
<th>Per Semester</th>
<th>Per Year</th>
</tr>
</thead>
<tbody>
<tr>
<td>TUITON</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Full-Time Students</td>
<td></td>
<td></td>
</tr>
<tr>
<td>12-18 hours (For nineteen or more hours, there is an additional $300 per credit hour).</td>
<td>$8,125.00</td>
<td>$16,250</td>
</tr>
<tr>
<td>Part-Time Students</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Less than twelve semester hours (including audited courses).</td>
<td>$677 per semester hour</td>
<td></td>
</tr>
<tr>
<td>Summer Sessions (2012)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Session I, II, and III</td>
<td>$350 per semester hour</td>
<td></td>
</tr>
<tr>
<td>HOUSING</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Single Students</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Room and Board – nineteen meal plan</td>
<td>$6,300 - $7,000</td>
<td></td>
</tr>
<tr>
<td>Summer Sessions (2012)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Room</td>
<td>$90 Per Week</td>
<td></td>
</tr>
<tr>
<td>Board</td>
<td>Meals are purchased on individual basis</td>
<td></td>
</tr>
</tbody>
</table>

*All charges are subject to change for the 2011-2012 academic year.

Fees

The cost of all instructional materials, with the exception of books, required supplies, and the fees listed below, are included in the tuition charge. All additional fees are subject to change for the 2011-2012 academic year.

1. **Room Deposit:** A one hundred dollar room deposit is required at the beginning of an academic year. This deposit is refundable or credited to the student’s outstanding balance thirty days after he/she leaves the University of Pikeville. Damages made to a room or apartment will be deducted before any refund is made.

2. **Graduation Fee:** A one-time $100 fee is assessed when the student applies for graduation. This fee helps to cover the costs of the student’s cap, gown, diploma, and senior assessments.

3. **Education Program Fees:** There are additional fees assessed for the following Education (EDU) courses. These fees help to offset the additional costs associated with the Clinical Practice courses (cooperating P-12 teacher expenses and supervisor travel) and testing costs for the required PRAXIS II: Subject Assessments/Specialty Area Test(s) and the Praxis II: Principles of Learning and Teaching Test(s). The University only covers the cost associated with the student’s first attempt on each set of exams. The costs associated with subsequent attempts are the responsibility of the student. For specific details contact the Chair of the Division of Education. Each educational program only requires one of the Clinic Practice I and II courses. These fees are assessed each time the course is attempted.

<table>
<thead>
<tr>
<th>Education Courses with Additional Fees*</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDU 328 Education in Kentucky</td>
<td>$250</td>
</tr>
<tr>
<td>Clinical Practice I (EDU 411, 413, 415, 417, 419, 421, and 423)</td>
<td>$250</td>
</tr>
<tr>
<td>Clinical Practice II (EDU 440, 441, and 444)</td>
<td>$250</td>
</tr>
</tbody>
</table>

* All charges are subject to change for the 2011-2012 academic year.
4. **Nursing Program Fees**: There are additional fees assessed for the following Nursing (NUR) courses. The fees cover the costs associated with clinical laboratory kits, program assessments, and some licensure preparation materials. For specific details contact the Chair of the Division of Nursing. These fees are assessed each time the course is attempted.

<table>
<thead>
<tr>
<th>Nursing Courses with Additional Fees*</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>NUR 110, NUR 120, NUR 230, NUR 240</td>
<td>$100</td>
</tr>
</tbody>
</table>

*All charges are subject to change for the 2011-2012 academic year.

5. **Music Program Fees**: There are additional fees assessed for the following Music (MUS) courses. The fees help offset the additional costs associated with private piano and private voice courses. These fees are assessed each time the course is attempted.

<table>
<thead>
<tr>
<th>Music Courses with Additional Fees*</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Private Piano (MUS 151, 251, 351, and 451)</td>
<td>$100</td>
</tr>
<tr>
<td>Private Voice (MUS 152, 252, 352, and 452)</td>
<td>$100</td>
</tr>
</tbody>
</table>

*All charges are subject to change for the 2011-2012 academic year.

6. **Social Work Program Fees**: There are additional fees assessed for the following Social Work (SW) courses. The fees help offset the additional costs associated with the Social Work Practicum Courses. These fees are assessed each time the course is attempted.

<table>
<thead>
<tr>
<th>Social Work Courses with Additional Fees*</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Social Work Practicum I &amp; II (SW 497 and 498)</td>
<td>$100</td>
</tr>
</tbody>
</table>

*All charges are subject to change for the 2011-2012 academic year.

7. **Special Fees**: There are special fees that are only applicable for those situations.

<table>
<thead>
<tr>
<th>Special Fees* (only when applicable)</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Late registration</td>
<td>$10.00</td>
</tr>
<tr>
<td>Transcripts†</td>
<td>$10.00</td>
</tr>
<tr>
<td>Credit by Examination</td>
<td>$100.00 basic fee per course plus $100 for each semester hour of credit granted</td>
</tr>
<tr>
<td>Work Experience Credit</td>
<td>$100.00 basic fee per course plus $100 for each semester hour of credit granted</td>
</tr>
<tr>
<td>Returned Checks</td>
<td>$20.00</td>
</tr>
<tr>
<td>Smart Card Replacement</td>
<td>$20.00</td>
</tr>
<tr>
<td>Diploma Replacement</td>
<td>$35.00</td>
</tr>
</tbody>
</table>

*All charges are subject to change for the 2011-2012 academic year.
† Transcripts will not be issued for a student when there is an unpaid balance.

**Official Registration**

A student is not officially registered for any class until he or she has made a satisfactory settlement with the Business Office for tuition and fees, as well as room and board, if applicable.

**Room and Board**

Room rent is assessed at the beginning of each semester. All students in University of Pikeville housing must furnish sheets, pillows, blankets, pillow cases, and towels for themselves.

The meal plan covers the actual number of weeks that classes are in session during the fall and spring semesters. A meal plan is required of all resident students. Food Services is willing and able to accommodate students with special diets prescribed by their doctors. Consequently, no exemption from the meal plan will be granted unless the University and the student’s physician agree that the food service is not able to meet the specific dietary needs of the student. Applications for exemption from the meal plan are available at the Student Services Office and should be returned two weeks prior to the beginning of the semester. Commuter students may also purchase a meal plan. Meals may also be purchased on a cash basis at the door.

**Financial Responsibilities**

All students are personally responsible for payment of financial obligations. Students must, therefore, be familiar with the following policies, since no exception will be made.

Before the beginning of each term, the Business Office will send each student an estimated bill showing the total charges for the term and the financial aid expected to be credited to the student account for the term. Loans will not be shown as expected aid until all loan
paperwork has been completed. The estimated bill will be mailed mid-July for the fall term and mid-December for the spring term. One third of the remaining balance must be paid by the first day of classes (August 22, 2011; January 18, 2012). Failure to make this initial payment will result in your being dropped from all classes. The final two payments may be made on or before October 1, and November 1 for the fall term and March 1 and April 1 for the spring term. However, with the payment option, finance charges of 1.5% per month are added to the outstanding balance beginning after the first payment due date. To avoid service charges, the full outstanding balance must be paid in full with the first billing of each semester. For summer terms, the full tuition charge is due on the first day of classes. For more information about these payment options, please contact the University's Student Receivables accountant at 606-218-5203.

If an account is substantially in arrears, a student may be refused permission to continue in classes. Therefore, students are urged to report to the Business Office any inability to comply with a billing or any perceived discrepancies in their account.

Any student who does not have a balance of zero at the end of each semester will not be permitted to register for a new semester or summer term until that balance is paid.

Charges for parking tickets, library fines, unauthorized use of phones, or other charges will automatically be added to a student’s account and will become part of what a student owes the University.

Transcripts will not be issued for a student when there is an unpaid balance.

A student will not be allowed to participate in commencement or receive a diploma if an outstanding balance exists.

Withdrawal Policy
All students who withdraw before a semester is completed may be assessed an administrative fee, the lesser of $100 or 5% of total cost, plus any additional fees according to the refund policy as outlined below. Any student, who fails to go through proper procedures for withdrawal, or delays official withdrawal, will also be held responsible for charges in accordance with the refund policy.

Refund Policy/Return of Title IV Funds Policy
Tuition, room, and board are refundable for students who withdraw from the University of Pikeville during fall and spring semesters. Room and board charges are prorated by the week based on the number of weeks in residence as established by the residence hall check-out sheet completed by the residence hall director or resident assistant. Tuition is refunded according to the Return of Title IV Funds Policy established by the U.S. Department of Education. Tuition, institutional, state, and federal (Title IV) funds will be returned based on the number of days (percentage of period) completed. This percentage will be applied to the total amount of Title IV aid for which the student established eligibility (earned aid) before withdrawing. The amount of earned aid will be subtracted from the amount of aid which was (or could have been) disbursed and the remaining amount will be returned to the respective sources.

There are no refunds for individual classes dropped after the first week of classes.

The University reserves the right to make changes in costs and fees when such changes are deemed necessary by the Board of Trustees.
UNDERGRADUATE SCHOLARSHIPS AND FINANCIAL AID

The financial aid program at the University of Pikeville has a dual purpose: to recognize outstanding achievement in academic and athletic performance areas; and to provide assistance to students who, without such aid, would be unable to attend college. All aid given is to supplement the resources of the student and, if applicable, his or her parents. In order to be considered for state and/or federal financial aid, a student must be a United States citizen and must be enrolled as a regular student in an eligible program, studying for a degree or other approved course of study.

Financial Aid Processes and Deadlines
To determine financial need with a degree of uniformity, the University of Pikeville requires financial information from the student and, if applicable, his or her parents. The Free Application for Federal Student Aid (FAFSA) serves as the basic application form for Pell Grant, Kentucky Higher Education Assistance Authority (KHEAA) Grants, Federal Supplemental Educational Opportunity Grant (FSEOG), Federal Perkins Loan, and Federal Work Study. To receive full consideration for these programs, students who are Kentucky residents should complete the FAFSA before January 15 each year. Students may file a FAFSA after the January 15th date; however, those students may not receive KHEAA Grants. *Note: If tax returns are incomplete by January 15 FAFSA should be filed as a will file.

All students receiving University of Pikeville institutional aid (scholarships or grants) must complete the FAFSA by January 15 each year regardless of their legal state of residence.

Grants, work-study, and loans available to students who demonstrate a financial need may include one or more of the following:

- Federal Pell Grant
- Federal Supplemental Education Opportunity Grant (FSEOG)
- Veterans’ Educational Benefits
- Kentucky Educational Excellence Scholarship (KEES)
- Kentucky Tuition Grant (KTG)
- College Access Program Grant (CAP)
- Vocational Rehabilitation Grant
- Federal College Work-Study Program (FWS)
- Federal Perkins Loan
- Federal Direct Subsidized/Unsubsidized Loans and Parent Loans
- Federal PLUS Loans

Academic Scholarships
Students who wish to be considered for an academic scholarship must be accepted for admission and file a FAFSA annually. He or she must also be enrolled as a full-time student and meet scholarship criteria established by the University. This criteria consists of grade point average (GPA), National ACT/SAT scores, and may include other criteria, as deemed necessary.

The University of Pikeville scholarships are renewable for no more than three additional years provided the student remains a full-time student and maintains a specific academic average as stated in his/her scholarship agreement.

The following competitive academic and performance scholarships are awarded:

- ACT Scholarships
- College GPA Scholarship
- Tuition Scholarships
- Room and Board Scholarships

Athletic Scholarships
Athletic Scholarships are awarded to students who meet the qualifications for such aid as determined by the University and the Athletic Department based on NAIA guidelines. Scholarships are awarded for:

<table>
<thead>
<tr>
<th>Men’s Sports</th>
<th>Women’s Sports</th>
</tr>
</thead>
<tbody>
<tr>
<td>Baseball</td>
<td>Basketball</td>
</tr>
<tr>
<td>Basketball</td>
<td>Golf</td>
</tr>
<tr>
<td>Bowling</td>
<td>Bowling</td>
</tr>
<tr>
<td>Cross Country</td>
<td>Cheerleading</td>
</tr>
<tr>
<td></td>
<td>Cross Country</td>
</tr>
<tr>
<td></td>
<td>Dance</td>
</tr>
<tr>
<td></td>
<td>Fast-Pitch Softball</td>
</tr>
<tr>
<td></td>
<td>Golf</td>
</tr>
<tr>
<td></td>
<td>Lacrosse</td>
</tr>
<tr>
<td></td>
<td>Soccer</td>
</tr>
<tr>
<td></td>
<td>Tennis</td>
</tr>
<tr>
<td></td>
<td>Volleyball</td>
</tr>
</tbody>
</table>
All applicants for Athletic Scholarships must submit the Free Application for Federal Student Aid (FAFSA). All inquiries concerning Athletic Scholarships should be addressed to the Athletic Director or to the Head Coach of the sport in which the student is interested. Athletic Scholarships may be packaged with other aid programs where applicable.

Veterans Affairs Education Benefits
Department of Veterans Affairs Education Benefits are authorized to veterans and qualified dependents under specific chapters of Title 38, U.S. Code (USC). Eligibility for these benefits is determined solely by the Department of Veterans Affairs.

Students eligible to receive VA education benefits from the Montgomery GI Bill (active duty reserve/guard or dependent) must contact the VA Certifying Official (located in Student Services Office) to complete the application process.

Financial Aid Application Materials
Interested persons may obtain any necessary application materials or further information by contacting the Office of Student Financial Services at (606) 218-5253.

Maintaining Financial Aid and/or Scholarships
To be eligible to continue receiving federal and institutional financial aid, the student must maintain satisfactory academic progress. The rules for maintaining basic financial aid are derived from required federal regulations and are published in the Satisfactory Academic Progress and Financial Aid Eligibility brochure available in the Office of Student Financial Services. Students should be aware that a change in course load prior to or during the drop-add period (i.e., full-time, part-time, etc.) may affect the total aid package. Furthermore, tuition adjustments may only be made during the drop-add period.

Rules for maintaining any of the various competitive academic and athletic scholarships are detailed in the individual scholarship contracts.

Financial Aid Default
Students who are in default of a federal subsidized, unsubsidized, Plus, or Perkins loan are not eligible for financial aid. Such students are urged to work closely with the Office of Student Financial Services in order to rectify the default status.

Procedures for Administrative Withdrawal
Class attendance policies are set by the instructor for the course in which the student is enrolled. Policies are printed on the course syllabi, which are presented during the first two weeks of class. Students are expected to adhere to such policies. Failure to attend class as prescribed may result in grade reduction, class failure, or administrative withdrawal.

Instructors are expected to document and report excessive absences to the Administrative Assistant to the Dean of the College. The attendance record is necessary to document last date of attendance for financial aid purposes.

Students who accumulate excessive absences (6 consecutive MWF class meetings; 4 consecutive TR class meetings or 2 consecutive weekly class meetings) will receive a warning of pending administrative withdrawal. If the student fails to return to class or to complete the official withdrawal form within one week of the warning, an administrative withdrawal will be initiated. A student who is administratively withdrawn at any point during the semester will receive a grade of “Q” to indicate an administrative withdrawal. This grade will be calculated by 0 quality points divided by hours attempted.

Faculty members will report excessive consecutive absences on the Attendance Report Form. Upon receipt of the report, the Administrative Assistant to the Dean of the College will determine if the student has stopped attending other classes. Then, warning of pending administrative withdrawal will be issued for all courses that the student is not attending. A follow-up will be done one week later to determine if the student has returned to class or withdrawn. If the student has done neither, the administrative withdrawal takes place. Students will be notified that they have been withdrawn and that they have the right to appeal and present appropriate documentation. Copies of the administrative withdrawal will be sent to the instructor, the academic advisor, the business office, financial aid, student services, and the Registrar.

Students who are subject to an administrative withdrawal will also be subject to the Refund Policy/Return of Title IV Funds Policy as outlined earlier. The student is responsible for all charges on account through the date of administrative (or self) withdrawal which are not covered by financial aid. These charges are comprised of tuition in addition to any charges incurred for room and board, parking fines, bookstore charges, etc. Room charges will accumulate through the week that a residence hall checkout sheet is completed with residence hall director or resident assistant. All students who withdraw (self-withdrawal or administrative withdrawal) before a semester is complete must arrange to settle business office accounts.

Because there are instances when the student has a legitimate reason for not completing the withdrawal, students have the right to appeal an administrative withdrawal by presenting a written request and supporting documentation (doctor’s statement, etc.) to the Office of Academic Affairs. If the appeal is approved, the student may consult with his/her instructor(s) to determine if he/she may be able to return to class and the student’s transcript will be revised to reflect an official withdrawal with the grade of “W”, “WP”, or “WF” (based on the date of withdrawal) or a completed semester with grades assigned by the instructor(s).

Reinstatement to the University does not mean an automatic return of student financial aid. Because the reinstatement of financial aid may vary due to the differences in financial aid program regulations and satisfactory academic progress requirements, a student must consult the Office of Student Financial Services for more information regarding financial aid status before returning to class.
UNDERGRADUATE STUDENT SERVICES

The Student Services Office, located in the Administration Building, is responsible for all non-academic aspects of student life. The office provides the following services: Career Development, Residence Life, Intramural Sports, Counseling, Student Activities, Testing, Disability Services, Veterans Affairs, Health Services, First-Year Studies, and Student Orientation and Registration (SOAR).

Student Rights and Responsibilities

The campus environment is intended to foster the personal growth and development of the students who choose to attend the University of Pikeville.

Students are entitled to the basic rights and privileges of U.S. citizens. University of Pikeville students are expected to obey all federal, state, and local laws. In addition, they are expected to obey the rules and regulations established by the University. These specific regulations are contained in the University of Pikeville Student Handbook which is given to all students during the fall semester. It is the policy of the University that no student shall be excluded from participating in, be denied the benefits of, or be subjected to discrimination in any program sponsored by the University because of gender, race, religion, sexual orientation, age, handicap, or national origin. In order to promote a broad learning environment, University of Pikeville welcomes applications from individuals of diverse backgrounds.

Students with Disabilities

The University of Pikeville is committed to providing students with disabilities the same educational programs and services offered other students, in accordance with Section 504 of the Rehabilitation Act of 1973 and the Americans with Disabilities Act (ADA) of 1990. Under Section 504, a student has a disability if that individual has a physical or mental impairment that substantially limits major life activities such as walking, seeing, hearing, speaking, working, or learning. Section 504 further requires that institutions make appropriate and reasonable adjustments for students with disabilities to ensure accessibility to academic and nonacademic activities. Under ADA, all institutions of higher education must comply with government policies, procedures, and employment practices that impact the treatment of students.

Each student brings a unique set of strengths and experiences to the academic setting. Even though students learn in different ways, it is not necessary to dilute curriculum or to reduce course requirements for individuals with disabilities. Special accommodations may be needed, however, as well as modifications in the way information is presented and in methods of testing and evaluation. Faculty will be assisted in these efforts by drawing upon the students’ own prior learning experiences, using available institutional resources and collaborating with the Student Services Counselor. An individual with a disability is not required to accept an accommodation if the individual has not requested one and does not believe one is needed. However, if the individual refuses accommodation necessary to perform in that area of study and, as a result, cannot meet established requirements, the individual may not be considered qualified.

In order to be granted protection under Section 504 and ADA, students with disabilities must make the disability known to appropriate University officials (Student Services Counselor) and must provide current and comprehensive documentation concerning the nature and extent of the disability. A student with a disability may make known his/her disability and seek verification for it at any point in his/her academic career. Upon verification, the Disabilities Resources Office will work with the instructor and the student to determine reasonable accommodations. With the student’s written permission, a written description of accommodations will be forwarded to the instructor by the Disabilities Resources Office. Students with verified disabilities should contact the Disabilities Resources Office and inform faculty very early in the semester if they wish to exercise their rights to reasonable accommodations. Accommodations necessary for ensuring complete access and full participation in the education process do not require the instructor to adjust evaluations of academic performance nor absolve the student from personal responsibility for class attendance, assignments and other course requirements. Rather, accommodations make it possible for a student with a disability to learn the material presented and for the instructor to fairly evaluate the student’s performance.

Located in the Student Services Counselor’s Office, Administration Building, LL, 218-5232 the Disabilities Resources Office is under the supervision of the Office of the Vice President for Student Services. The Disabilities Resources Office maintains various publications regarding reasonable accommodations under Section 504 and ADA and serves both students and University employees with assistance in regard to appropriate services for students with disabilities.

Student Housing

Page Hall, Condit Hall, Derriana Hall, Spilman Hall, UPike South (located 3 miles South of the campus), Wickham Hall, and Kinzer Hall serve as on-campus housing. Each residence hall is staffed by a director and student assistants. Residents contribute to the governance of their residence halls through the yearly election of a student housing council. Residents are expected to obey all federal, state, and local laws, as well as rules found in the University of Pikeville Student Handbook and the University of Pikeville Residence Hall Guide.

Dining Facilities

University of Pikeville offers a meal plan for students. All residents are required to participate in the meal plan. The food service management is capable of meeting most special diets prescribed by a doctor. Therefore, exemption from the plan due to special dietary needs will be granted only if the food service is incapable of complying with a doctor’s instructions. The University Dining Hall is located in Wickham Hall. The Java City, which serves snack items, is also located in Wickham Hall.
Health Services
A registered nurse is on duty during working hours for the regular academic semesters. The nurse is available for consultation, treatment, and referral. Students are not required to receive treatment from the University nurse; they are free to seek aid elsewhere at their own expense. Parents or guardians are notified in the event of a major illness or injury.

Career Development Services
The Career Development Office is located in the Student Services Office. The Career Development Office assists students in career planning and helps graduates find full-time employment. The office provides a number of career-related services including: career counseling, free resume service, career planning workshops, and lists of part-time and full-time employment opportunities.

Campus Organizations
The University offers a wide variety of social and academic related clubs and organizations. A complete list of clubs and organizations can be found in the University of Pikeville Student Handbook.

Fraternities and Sororities
The University offers two sororities and two fraternities for students. The sororities are Delta Delta Nu and Zeta Omega Chi. The fraternities are Gamma Sigma Chi and Delta Alpha Lambda. Recruitment week for Greek life will be the fall semester of each year.

Honor Societies
Qualified students are provided the opportunity to participate in the following honor societies:

- **Alpha Mu Gamma**: Alpha Mu Gamma is the nation’s largest foreign language honor society. Founded in 1931 at Los Angeles City College, its mission is to promote scholarship in the field of foreign language study and to honor outstanding foreign language students for their work in the discipline. There have been more than 300 charters granted in the United States, Puerto Rico, and the U.S. Virgin Islands. Full membership in Alpha Mu Gamma is open to students who have earned final grades of ‘A’ in at least two college-level courses of the same foreign language. A candidate who is a native of a non-English speaking country may offer two final course grades of ‘A’ in college-level English or English as a Second Language (ESL). Members of Alpha Mu Gamma must also have an overall GPA of at least 3.0. Associate membership may be granted by the chapter to any student who has met part of the requirements for full membership and has expressed an interest in eventually becoming a full member. Upon the completion of all the requirements, an associate member shall then be eligible for full membership. Honorary membership in a chapter is open to community and civic leaders recognized for their language ability, for their interest in the study and use of foreign languages, or for their demonstration of a sympathetic understanding of other peoples and cultures. An honorary membership may also be granted to any person who has performed significant service to the chapter.

- **Beta Beta Beta (Tri-Beta)**: Pi Zeta Chapter: Beta Beta Beta (Tri-Beta) is the National Biological Honor Society. It has over 500 chapters in colleges and universities across the United States. Founded in 1922 at Oklahoma State University, Tri-Beta promotes the enrichment of the undergraduate experience in biology through activities, research, and other means that complement the formal instruction received in the classroom.

- **Lambda Alpha Epsilon (LAE)**: Lambda Alpha Epsilon is an association devoted to the furtherance of professionalism in all areas of criminal justice. LAE is open to all criminal justice majors and minors.

- **Lambda Pi Eta**: Lambda Pi Eta is the national honor society for communication scholars. As an accredited member of the Association of College Honor Societies it represents what Aristotle described in his book, *Rhetoric*, as the three ingredients of persuasion: Logos (Lambda) meaning logic, Pathos (pi) relating to emotion, and Ethos (Eta) defined as character credibility and ethics. Lambda Pi Eta focuses on simulating, fostering, encouraging, and rewarding scholastic achievement in communication studies.

- **Lambda Sigma**: Lambda Sigma is a national honor society for second-year college students dedicated to fostering leadership, scholarship, fellowship and service among its members as they promote the interests of the colleges and universities they represent. Candidates for membership are those first-year students who have placed in the top 35% of the class academically at the time of selection and who have shown strong evidence of leadership. Students meeting these qualifications are eligible for selection in the spring term following completion of at least one academic term. Members are selected in the spring and are active members during their second year. Membership consists of not more than 50 students nor fewer than 15 students.

- **Psi Chi**: Psi Chi, the National Honor Society in Psychology, was founded in 1929 for the purpose of encouraging, stimulating, and maintaining excellence in scholarship and advancing the science of psychology. Psi Chi has chapters located in more than 940 colleges and universities. The University of Pikeville chapter was installed in the fall of 2000. Membership is open to psychology majors and minors who have completed 9 semester hours of psychology, achieved a cumulative and psychology GPA of at least 3.0, and ranked in the upper 35% of their class in general scholarship.

- **Phi Alpha Theta**: Phi Alpha Theta is a professional society whose mission is to promote the study of history through the encouragement of research, good teaching, publication and the exchange of learning and ideas among historians. This honor society seeks to bring students, teachers and writers of history together for intellectual and social exchanges that promote and assist historical research and publication by members in a variety of ways. Members must have taken at least 12 hours in history and have an overall GPA of at least 3.0 and a history content GPA of 3.1.
• **Sigma Beta Delta**: Sigma Beta Delta is an international honor society that recognizes, encourages and rewards scholarship, accomplishments and character among students of business. A candidate for membership must have completed at least one-half of the degree program in which he or she is enrolled, rank in the upper 20% of the junior and senior classes, possess a GPA of at least 3.0 in both his or her major and overall and be selected by majority vote of the business faculty. The principles of Sigma Beta Delta are wisdom, honor and pursuit of meaningful aspirations. Membership is limited to those of high scholarship and good moral character.

• **Sigma Tau Delta**: Sigma Tau Delta’s central purpose is to confer distinction upon students of the English language and literature in undergraduate, graduate, and professional studies. Established in 1924, Sigma Tau Delta provides opportunities for members to be recognized for their outstanding achievements, enrich their education, make wise career choices, and advance their careers. Students with a minimum of a B average in English and in general scholarship, and who have completed at least three semesters of college work are eligible to participate.

• **Sigma Zeta**: Sigma Zeta is a national honor society that encourages and fosters the attainment of greater knowledge in the fields of science and mathematics and recognizes outstanding scholastic achievement through active, graduate and honorary memberships. The Beta Xi Chapter was installed in the spring of 1999. Membership is open to students who have declared majors in Mathematics, Computer Science and Natural Science, completed at least 15 semester hours in these areas with at least a 3.0 GPA and earned an overall GPA of 2.75.

• **Theta Alpha Kappa**: This Religion Honor Society is the only national honor society serving the needs of those involved in the study of religion and/or theology at both the baccalaureate and post-baccalaureate levels of higher education. Honoring excellence in these academic fields is its purpose, and it currently hosts over 200 local chapters throughout the United States at institutions large and small, public and private. Undergraduate students who have been enrolled in an institution with a TAK chapter for 3 semesters, have completed 12 hours in Religion, have a 3.5 GPA in their Religion courses and a 3.0 overall, and are in the top 35% of their class qualify. The Alpha Eta Chapter was installed at University of Pikeville in the spring semester of 2004.

**Study Abroad**

To enhance educational opportunity and greater understanding of cultural diversity, the University works closely with selected agencies and organizations to provide students domestic and study abroad opportunities.

**Kentucky Institute for International Studies**: The University is a member of the Kentucky Institute for International Studies (KIIS), a consortium of colleges and universities providing study abroad programs in Argentina, Austria, Brazil, China, Czech Republic, Costa Rica, Denmark, Ecuador, France, Germany, Greece, Italy, Japan, Mexico, Poland & Ukraine, Spain, and Turkey. The Institute offers students quality academic semester and summer programs with opportunities to examine international cultures, improve their command of foreign languages, travel abroad and engage in independent learning opportunities. For more information about the KIIS study abroad program, go to their Web site: [www.kiis.org](http://www.kiis.org)

**Knowledge Exchange Institute**: Through the Appalachian College Association (ACA), the University has become a participant in the Knowledge Exchange Institute (KEI) study abroad program. The KEI program offers a wide selection of major-specific courses and professional internships in English as well as the language of the host country. Both academic semester and summer programs are available at thirteen locations around the world including: Bulgaria, China, Ecuador, England, France, Ireland, India, Kenya, Russia, Spain, Tanzania, and Thailand. For more information regarding the program, go to the KEI Web site: [www.keiabroad.org](http://www.keiabroad.org)

**Private College Consortium for International Study**: The University of Pikeville is a member of the Private College Consortium for International Study (PCCIS), a group of private colleges and universities providing opportunities to study abroad. The consortium works through CAPA International Education to provide both individual and group-based study abroad programs and internships in London, Florence, Sydney, Madrid, and Beijing. For more information on the program, go to the CAPA Web site: [www.capa.org](http://www.capa.org)

Additional study abroad opportunities are available through various other institutions and organizations. Students should discuss interests with faculty and staff and review opportunities posted on the information board located in the Registrar’s outer office.

Academic credit may be earned for participation in the above programs in accordance with University of Pikeville policies.

**The Washington Center for Internships and Academic Seminars**

The Washington Center Program provides students an opportunity to study for a semester in Washington, D.C. A combination of experiential learning and academic based curriculum, conducted within the nation’s capital, exposes students to the various functions of government, provides leadership development opportunities, and allows them to experience the diverse culture of the city. Academic credit may be earned for participation, depending on the length, breadth and depth of the programs.

**Frankfort Semester Internships**

The Frankfort Semester Internship Program is sponsored by the Association of Kentucky Colleges and Universities (AIKCU) and provides students an opportunity to spend a semester in Frankfort, working for members of Kentucky’s General Assembly and participating in seminars focused on government and public policy issues. Students may earn credit for the semester in accordance with University of Pikeville policies.
Intercollegiate Athletics
The University of Pikeville offers opportunities for intercollegiate competition in men’s baseball, golf, basketball, football, bowling, cross country, soccer, and tennis; and women’s basketball, fast pitch softball, lacrosse, tennis, volleyball, golf, bowling, cross country, and soccer. The Bears and Lady Bears are members of the National Association of Intercollegiate Athletics and the Mid-South Conference. All students who are enrolled in four-year undergraduate degree programs are eligible and encouraged to compete for positions on the athletic teams.

Student Government Association
The Student Government Association serves as the voice of the students at the University of Pikeville. It is responsible for planning and implementing activities of common interest to students, representing student opinion to the college community, and promoting a high standard of conduct. Elections for offices in the Student Government Association are held annually.

Religious Life
The University stresses ethical and moral values, recognizes the inestimable worth of all persons, and respects various religious beliefs.

Campus religious life activities may include chapel, special services, Bible studies, discussion groups, and community service projects. Particular religious groups such as the Fellowship of Christian Athletes, Blessed Union of God (B.U.G.) and the Baptist Campus Ministries meet under the sponsorship of the Office of Student Services.
UNDERGRADUATE ACADEMIC POLICIES

All students earning a degree at the University of Pikeville are responsible for and expected to be familiar with the academic policies and procedures outlined in this catalog.

Classification of Undergraduate Students

- **Regular students** are those who have met all admission requirements and have enrolled as degree seeking students.
- **Special students** are those admitted on special conditions, students who have received a baccalaureate degree, or are non-degree seeking students.
- **Full-Time students** are those registered for twelve or more hours in a semester.
- **Part-Time students** are those registered for fewer than twelve hours in a semester.

Students are classified as follows:

- Freshmen .................... 0-29 semester hours
- Sophomores ................. 30-59 semester hours
- Juniors ...................... 60-89 semester hours
- Seniors ...................... 90 semester hours or more

Student Course Load

A normal student load during the fall and spring terms is twelve to eighteen semester hours. Permission to carry an overload (more than 18 semester hours) requires approval from the Academic Advisor, Division Chair, and the Dean of the College of Arts and Sciences or Registrar. Academic overload permits are available in the Registrar’s Office. During the summer terms the maximum course load is seven semester hours per term and cannot exceed a total of 13 semester hours for the three terms.

Course Credit

Academic credit is awarded in terms of semester credit hours. Some majors will allow semester hours earned in fulfillment of the general education core curriculum to also be counted as part of the major or minor. However, students should not assume that this is always the case. In addition, courses may be utilized to meet requirements in a major or minor, but not in both areas. Students with questions concerning the use of a course to fulfill multiple graduation requirements should consult with their academic advisor. The final determination in these instances will be made by the Registrar, after consultation with the appropriate program faculty and the Dean of the College of Arts and Sciences.

Registration

Registration schedules are posted in advance of each semester and summer term. Students are strongly encouraged to meet with their Academic Advisors during these scheduled registration periods. Students needing assistance with registration, class selection, transcript evaluation and academic counseling may contact the Registrar’s Office at any time. Credit is granted only for courses for which students are properly registered.

Adding a Course

A student may add a course only with the consent of the Academic Advisor. No courses may be added after the deadline set in the academic calendar. Additions become effective only when the properly signed official form (Drop/Add Form) is filed with the Registrar’s Office.

Withdrawal from a Course

A student may withdraw from any course, except developmental and specific basic skills courses, with consent of the Academic Advisor. Withdrawal from Developmental Studies courses requires approval from both the Director of Developmental Studies and the Dean of the College of Arts and Sciences. Withdrawal from specific basic skills courses (ENG 111/114, ENG 112/115, and MTH 111) requires the approval of the Academic Advisor and the Dean of the College of Arts and Sciences. Withdrawal becomes effective only when the student presents official notice (Drop/Add Form) to the Registrar. For withdrawal up to the end of the fifth week of classes during a regular semester, the sixth day of classes for summer sessions I and II, and the end of the third week of classes for Summer III, a grade of “W” is given. Refer to the Academic Calendar for specific dates.

A student withdrawing after these dates receives a grade of “WF” or “WP” according to the judgment of the instructor. Students may withdraw from a regular class up to 5:00 p.m. on the last day of regular classes as noted on the Academic Calendar.

When a student does not officially withdraw from a class or from the University, a letter grade (A through F) is assigned by the instructor.

Withdrawal from the University

Any student who wishes to withdraw from the University must submit a completed Withdrawal Form to the Registrar. Forms are available in the Registrar’s Office. As part of the withdrawal process, students are required to meet with the Student Success Coordinator, members of the Financial Aid Office, Business Office, and Student Services Office prior to submitting the form to the Registrar. Grades for courses will be assigned in accordance with the course withdrawal policies and refunds are issued in accordance with the policies outlined in the Financial Information section of the University of Pikeville Catalog. Withdrawal becomes effective only when the student presents the completed Withdrawal Form to the Registrar.
Cancellation of Courses
The University administration reserves the right to cancel any course for which an insufficient number of students has enrolled or for other reasons deemed necessary.

Course Audits
A student who wishes to audit or take courses without credit must obtain permission from the instructor to be audited and from the Registrar during the first two weeks of a semester. The same registration procedure is followed as for courses bearing credit, and the regular semester hour fees are charged. Audited courses cannot be counted toward meeting graduation requirements. Once enrolled as an auditor, and after the drop/add period, the student may not change enrollment to receive credit for the course.

Academic Year/Summer Sessions
The University operates on a semester system. A semester credit hour is the unit by which academic progress is measured. The University of Pikeville’s academic year comprises two fifteen week semesters and shorter summer sessions. A normal student load during the fall and spring terms is twelve to eighteen semester hours. Permission to carry an overload (more than 18 semester hours) requires approval from the Academic Advisor, Division Chair, and the Dean of the College of Arts and Sciences or Registrar (Use: Registration Permissions Form, which is available in the Registrar’s Office.) During the summer terms, the maximum course load is seven semester hours per term and cannot exceed a total of 13 semester hours. Full-time students at the University of Pikeville may not enroll at another institution without prior permission from their Academic Advisor, the Registrar or the Dean of the College of Arts and Sciences.

Grading System
The University of Pikeville uses the letter system of grading:

<table>
<thead>
<tr>
<th>Grade</th>
<th>Definition</th>
<th>Point/Hour Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>Excellent</td>
<td>4 points per earned hour</td>
</tr>
<tr>
<td>B</td>
<td>Good</td>
<td>3 points per earned hour</td>
</tr>
<tr>
<td>C</td>
<td>Average</td>
<td>2 points per earned hour</td>
</tr>
<tr>
<td>D</td>
<td>Passing</td>
<td>1 point per earned hour</td>
</tr>
<tr>
<td>F</td>
<td>Failure</td>
<td>0 points per attempted hour</td>
</tr>
<tr>
<td>I</td>
<td>Incomplete*</td>
<td>0 points per attempted hour</td>
</tr>
<tr>
<td>Q</td>
<td>Quit (Administrative Withdrawal)</td>
<td>0 points per attempted hour</td>
</tr>
<tr>
<td>W</td>
<td>Withdraw*</td>
<td>0 hours, 0 points</td>
</tr>
<tr>
<td>WP</td>
<td>Withdraw Passing*</td>
<td>0 hours, 0 points</td>
</tr>
<tr>
<td>WF</td>
<td>Withdraw Failing</td>
<td>0 points per attempted hour</td>
</tr>
<tr>
<td>P</td>
<td>Pass*</td>
<td>Hours earned only</td>
</tr>
<tr>
<td>Au</td>
<td>Audit*</td>
<td>0 hours, 0 points</td>
</tr>
</tbody>
</table>

* Not used in computing the grade point average.

Grade Point Average (GPA)
The grade point average (GPA) is computed by dividing the total number of quality points by the total number of hours attempted. Semester hours earned and those for which a grade of “F”, “WF”, or “Q” is recorded comprise the number of semester hours attempted. Courses for which students receive grades of “W” or “WP” are not included in the grade point average computation.

A student in good academic standing has an overall average of “C” or better, represented by a GPA of 2.00 or higher and 2.00 or higher, in the major field. Students must earn a “C” grade or better in all required major, minor, or area of concentration classes in order to earn a degree. Please note that certain majors may require a GPA greater than 2.00 to remain in program.

Incomplete Grade
A grade of “Incomplete” is assigned only in instances where work is not completed because of serious illness, accident, death in the immediate family, etc. Before an “I” grade can be given, the appropriate form must be completed and approved by the student, the faculty member, the Division Chair, and the Dean of the College of Arts and Sciences. Courses in which a student receives a grade of “I” must be completed within sixty calendar days from the last day of final exams; otherwise the grade becomes an “F.” The responsibility rests with the student to complete the work within the allotted time.

The grade of “I” does not count as credit hours earned and may in some circumstances influence a student’s eligibility for financial aid.

Semester Grades
Faculty members will prepare a syllabus for each course taught that clearly states the course requirements and methods of evaluation. Syllabi for courses will be distributed to students at the beginning of each semester.

At the end of each semester/session, grades are available approximately 48 hours after the scheduled final exam and can be viewed online using WebAdvisor.
Mid-Term Grade Reports
The mid-term grades are of value to the students. They serve as a warning concerning unsatisfactory academic performance to date. All faculty members report mid-term grades for the students in their classes by the designate date in the academic calendar. Students may view their mid-term grades through WebAdvisor. Mid-term grades are not entered on the student’s permanent record and do not count toward the student’s GPA.

Class Attendance
Students are expected to attend all classes in which they are enrolled. Course attendance policies are determined by the instructor and will be communicated to students as part of the course syllabus provided at the beginning of the semester.

It is the student’s responsibility to know the policy on attendance for each course in which he/she is enrolled. A student who violates this policy is subject to receive a grade of “F”.

Students with excessive absences may be referred to the Student Success Coordinator for assistance in improving their class attendance and performance. Student’s who miss more than two weeks of a class will be reported to the Academic Affairs Office as part of the Administrative Withdraw process (refer to the Scholarship and Financial Aid Section for details). Once reported, an attempt to contact the student is made, should the student fail to return to class or properly withdraw from the course in the allotted time the student will be administratively withdrawn and a grade of “Q” grade assigned. “Q” grades are included in the grade point calculation as zero quality points for the hours attempted. “Q” grades are issued during the semester and can reduce a student’s status to part-time. This may affect financial aid eligibility, athletic eligibility, and whether a student can remain in campus housing.

Repeating a Course
A student who receives a grade of “D”, “F”, “WF”, or “Q” in any course has the option to repeat the course twice. The student will notify the Registrar of his or her intent to repeat a course (Use: Registration Permissions Form). Only the grade received on the final attempt will be used for calculating the cumulative grade point average and for meeting degree requirements. However, the student’s transcript will show all attempts and will indicate that the course was repeated.

A student with a grade of “C” may repeat the course for credit only once. A student with a grade of “B” may not repeat the course for credit. A course repeated at another institution will not affect the University of Pikeville GPA.

Academic Due Process - Course Grade Appeal
On occasion a student may wish to dispute a grade assigned in a University of Pikeville course. The following procedure is to ensure proper due process for a student who wishes to appeal their grade. Please note: A Request for Hearing form must be filed, step four, within 60 calendar days following the beginning of the next regular fall or spring semester after the grade in question was assigned.

1. Meeting with Faculty Member: A student who seeks appeal of a final course grade will first speak with the instructor concerned. If the instructor determines that a miscalculation resulted in an incorrect grade or that new and compelling evidence warrants a different grade, the instructor will submit a request for a change of grade to the Division Chair. If this request is approved by the Division Chair, it will be forwarded to the Dean of the College of Arts and Sciences for final approval and action by the Office of the Registrar.

2. Meeting with Division Chair: A student wishing to proceed further with an appeal will then speak to the Division Chair. The Division Chair should keep a written record of all discussions and forward a copy to the Dean of the College of Arts and Sciences. If there is any question about the decision reached in this conference, the aggrieved student will request a meeting with the Dean of the College of Arts and Sciences.

3. Conference: Upon receiving a student’s request, the Dean of the College of Arts and Sciences will call a conference with the student, the instructor, and the Division Chair. If a satisfactory solution is not found, the appeal will continue. The Dean of the College of Arts and Sciences will keep a written record of this conference.

4. The Hearing
   a. If the student wishes to proceed further on the appeal, he/she will register his/her grievance on a Request for Hearing form obtained from the Registrar’s Office. The Request for Hearing form must be filed within 60 calendar days following the beginning of the next regular fall or spring semester after the grade in question was assigned. Grade appeals will normally be heard only during fall or spring semesters, although the Executive Committee may determine to hear an appeal during summer or during school breaks if, in its judgment, the student’s academic situation warrants it and if the necessary faculty members are available.
   b. The Committee: The Committee shall consist of the elected members of the Executive Committee and two students selected by the Student Government Association. In any proceeding, faculty and student representatives from the Division involved in the grievance shall be excluded. In addition, either the student or the faculty member may request the removal of any person from the Committee. The Committee will decide if a reasonable basis exists for this request.
   c. Selection of Chair: The Chair of the Executive Committee will sit as Chair of the Committee unless disqualified; in which case, the Committee will select a Chair by a simple majority of votes in a secret ballot.

The Chair will:
   i. have full voting rights,
   ii. determine the status of all observers,
iii. set reasonable time limits for presentation and discussion,  
iv. rule on the admissibility of evidence, and  
v. be responsible to rule on such other questions as may arise.  

d. Notice of Hearing: The Committee Chair will call the hearing within 10 working days after the receipt of the Request for Hearing form. Either the student bringing the appeal or the faculty member concerned may request, in writing, a time extension of up to thirty calendar days. The extension will automatically be granted. Further time extensions may also be granted, but only with the approval of the Executive Committee. Notices of date, time, and place will be sent to the Executive Committee, the student, the instructor, the Division Chair, and the Dean of the College of Arts and Sciences.  
e. Conducting the Hearing: The hearing will be conducted in an orderly impartial manner. The student bringing the complaint and the faculty member involved will have the right to participate in the discussion. Each will have the right to be accompanied by an advisor from the college community (current student, faculty member, or administrator). The advisor may verbally participate in the proceedings.  
f. Recording the Hearing: The hearing will be recorded and the recording retained by the Dean of the College of Arts and Sciences. This recording will be kept in confidence and will be destroyed one calendar year after the decision of the Hearing Committee.  
g. Committee Deliberations: The Committee, in closed session, will carefully consider all of the evidence. In reaching its findings and recommendations, the Committee will consider the reliability of the witnesses and the authenticity and accuracy of the documented evidence regarding the point at issue. The Committee will make its decision solely on the basis of the evidence presented at the hearing. The decision of the Committee shall be final.  
h. Committee Report: The Committee will prepare and sign a written report of its findings and decision. The report will be sent to the Executive Committee, and copies of the report will be sent to the Dean of the College of Arts and Sciences, the Division Chair, the instructor, and the student.  

5. Conclusion: The Registrar will inform the student and the instructor of the decision’s effect upon the grade.  

Admission to a Major  
Students wanting to be admitted to a major must complete a Change of Student Academic Status Form available from the Registrar’s Office. Students admitted to a major will be assigned an advisor by the Registrar. Though students who have previously expressed an interest in an academic field may have been assigned a faculty advisor within that discipline, they are not admitted to the major until their Change of Student Academic Status Form has been submitted to the Registrar’s Office. Please note that admission to certain majors requires a separate application and admissions process for acceptance.  

Change of Major  
Students wanting to change their major must complete a Change of Student Academic Status Form available from the Registrar’s Office. Students admitted to a new major will then be assigned an advisor by the Registrar. Though students who have previously expressed an interest in an academic field may have been assigned a faculty advisor within that discipline, they are not admitted to the new major until their Change of Student Academic Status Form has been completed and processed by the Office of the Registrar.  

Academic Probation  
In order to be in good academic standing at the University of Pikeville, a student must maintain a minimum cumulative grade point average of 2.00 each semester. Students failing to maintain a 2.00 GPA will be placed on academic probation. A student on academic probation may not enroll for more than thirteen credit hours per semester.  

Academic Dismissal (Suspension)  
Students are subject to academic dismissal if they fail to raise their cumulative grade point average to a 2.00 following a semester of academic probation. Students are also subject to academic dismissal if they fail to achieve a 1.00 grade point average (a “D” average) at the end of a semester.  

A first-time dismissal will result in the student being suspended for one (fall or spring) semester. Subsequent dismissals will result in the student being suspended for two semesters. Students who are dismissed may take courses at another institution prior to returning to the University of Pikeville. Students who are dismissed will have to apply for readmission through the Admissions Office. Upon returning to the University of Pikeville, the student will be placed on probation until they have raised their cumulative grade point average to a 2.00 and returned to good academic standing. Students who fail to return to good academic standing may be subsequently dismissed again.  

Students who are academically dismissed may appeal their dismissal within 30 days of the date of dismissal. Appeals must be submitted in writing to the Dean of the College of Arts and Sciences. The appeal must detail why the student has failed to succeed academically and why the dismissal should be reversed. The Dean of the College of Arts and Sciences will present the written appeal to the Dismissal Appeals Committee. The Committee is composed of the Dean of the College of Arts and Sciences, two faculty members, the Dean of Students, and the Student Success Coordinator.  

Disciplinary Dismissal  
Inappropriate behavior in the classroom, clinical, field experience, or campus setting which seriously disrupts the learning process, endangers the health or safety of persons, or involve the destructive use or neglect of facilities will result in disciplinary action up to and
including dismissal. Students dismissed for disciplinary reasons who wish to return must apply for reinstatement through the Office of Student Services.

Students who have been readmitted after Disciplinary Dismissal may be required to abide by a Readmission Contract which may specify one or more require activities or behaviors. Failure to abide by the Readmission Contract may result in the immediate dismissal of the student.

**Academic Amnesty**

Any currently enrolled full-time University of Pikeville student whose GPA falls within the academic probation or dismissal range and who has been out of attendance at least two consecutive years immediately past, may petition the Executive Committee for academic amnesty (forgiveness) for course(s) previously taken at the University of Pikeville. Petitions for academic amnesty must be made during the first semester of a student’s return to the University. Action will be taken on the petition only after the student has successfully completed 12 semester hours with a 2.0 GPA or better.

Academic Amnesty may be granted for a maximum of two semesters of work. Courses taken during amnesty semesters and passed with a grade of “C” or higher may be used to satisfy prerequisites and major/minor or general core studies requirements. However, courses passed during the amnesty term(s) will not be used to calculate total GPA or to apply toward the minimum total hours required for the bachelor or associate degree.

Academic Amnesty may be granted only once and, once granted, is irreversible. Amnesty may not be used to improve the GPA for consideration for graduation with honors.

**Academic Honesty**

University of Pikeville is an academic community, and like all other communities, it can function properly only if its members adhere to clearly established goals and values. Essential is the commitment to the principles of truth and academic honesty. In order to articulate fully its commitment to academic honesty and to protect members of its community from the results of dishonest conduct, University of Pikeville has adopted the following policies to deal with cases of academic dishonesty.

Academic dishonesty includes, but is not limited to, the following acts:

(a) **Cheating**: intentionally using or attempting to use unauthorized materials, information, or study aids in any academic exercise.
(b) **Plagiarism**: the deliberate or accidental taking of another’s ideas, work, or words as one’s own without properly documenting or crediting the original source in any academic exercise.
(c) **Fabrication**: the deliberate falsification or invention of any information or citation in an academic exercise.
(d) **Facilitating Academic Dishonesty**: intentionally or knowingly helping or attempting to help another violate any provision of this policy.

If an act of academic dishonesty is determined to have occurred, sanctions will be imposed depending on the perceived intent and extent of the offense.

Possible sanctions may include, but are not limited to, the following actions:

(a) giving a warning;
(b) reducing the grade for the academic exercise;
(c) giving an “F” or zero for the academic exercise;
(d) giving a failing grade in the course with the inability to withdraw;
(e) reporting the matter to the Dean of the College of Arts and Sciences for further possible action.

**Advanced Placement Credit**

Students may earn up to fifteen semester hours of credit through the Advanced Placement Program of the College Entrance Examination Board. To receive course credit, a student must have a 4 or 5 on an Advanced Placement Exam and be an accepted and registered student at University of Pikeville. Under certain circumstances and with the approval of the appropriate instructors, a score of 3 may be considered sufficient for course credit. Questions regarding Advanced Placement credit should be directed to the Registrar.

**CLEP Credit**

The University may grant up to thirty semester hours credit through the College Level Examination Program (CLEP). The specific University of Pikeville course equivalency and number of credits earned will be determined by the Division Chair and the Dean of the College of Arts and Sciences.

Conditions which apply to credit by examination are:

1. Only admitted students are eligible for credit by examination.
2. Credit earned by examination is recorded with a letter grade of “P”; hence, it has no effect upon the student’s overall grade point average.
3. A student may attempt to earn credit by examination in a particular course only one time.
4. Students wanting to earn credit by examination in a course previously attempted and failed, must have approval from the Dean of the College of Arts and Sciences.
5. A student may not take a CLEP examination for a course in an area in which advanced course work has been completed.
6. A student who has completed sixty semester hours or more must have the approval of the Dean of the College of Arts and Sciences before attempting a general CLEP examination. Information about CLEP credit may be obtained from the Office of Academic Affairs.

7. Students requesting CLEP examination credit should refer to the Financial Information section of the University of Pikeville Catalog for applicable fees.

Work Experience Credit
After a student has earned a minimum of sixteen semester hours at University of Pikeville, a maximum of fifteen semester hours of credit may be granted for prior work experience related to the student’s area of academic concentration. Work experience credit is based on documented learning that demonstrates significant achievement related to the outcomes and objectives for the specific course in the degree program. The appropriate form for requesting work experience credit and the criteria for awarding credit may be obtained from the Registrar’s Office. Only one course and one activity per course may be listed in each request. The student’s advisor, the Chair of the appropriate division, and the Dean of the College of Arts and Sciences must concur in the determination of the credit to be granted in each individual case.

Once credit is granted, the Dean of the College of Arts and Sciences sends a copy of the approved equivalent courses and credit hours to the Registrar. The Registrar records the notation “Work Experience Credit,” followed by the appropriate course(s) and credit hours on the transcript. The number of hours is noted as “Hours Earned” and no quality points or grades are recorded. Neither “Hours Attempted” nor the grade point average includes work experience credit hours.

Students requesting work experience credit should refer to the Financial Information section of the University of Pikeville Catalog for applicable fees.

Credit by Examination
Applications for students wishing to receive credit by examination are available in the Office of the Registrar. A maximum of fifteen semester hours credit can be granted through credit by examination. The grade of “P” will be recorded on the student’s permanent record and will be credited toward graduation requirements.

Students applying for credit by exam must:
1. give evidence of a satisfactory academic or work experience background for the course.
2. have the approval of the appropriate Division Chair and the Dean of the College of Arts and Sciences, and
3. pay any applicable fees. (See Financial Information in the University of Pikeville Catalog).

Proficiency Examinations
Requests to take proficiency exams are made through the appropriate Division Chair. Students may be excused from taking courses or may qualify for enrollment in advanced courses by demonstrating proficiency in the subject matter through proficiency examinations administered by the division in which proof of proficiency is sought. No credit is given for the successful completion of a proficiency test, but it does permit a student to be exempt from a requirement. However, there is no reduction in the total number of credits needed for graduation.

Permission to Study at Other Institutions
Students enrolled at the University of Pikeville who wish to take a course at another accredited institution for credit toward a University of Pikeville degree must complete the Permission to Study Off-Campus form prior to enrolling in the course. The Permission to Study Off-Campus form is available in the Registrar’s Office and requires approval from the student’s Academic Advisor and the Registrar or Dean of the College of Arts and Sciences. Once the approved course is completed with a grade of “C” or better, the student must submit an official transcript showing the completed course before it can be used to meet a University of Pikeville degree requirement. Repeating a course at another institution will not change the grade received at the University of Pikeville for the same course. Students wishing to take courses off-campus while taking courses at the University of Pikeville will be limited to a combined load of eighteen hours for the fall and spring terms and seven hours for summer terms (see Student Course Load). Students on probation will not be allowed to enroll in off-campus courses while taking courses at the University of Pikeville.

The University will grant transfer credit for courses taken by students during military service upon receipt of an official military transcript of record. Evaluations of such credits will be based upon standards set by the American Council on Education’s Guide to the Evaluation of Educational Experiences in the Armed Services.

Transcript of Record
Requests for transcripts must be made in writing to the Office of the Registrar. The request should include class or dates of attendance, full name, any former names, Social Security number, date of birth, and ID number. The University will exercise the right to withhold the transcript of any student with outstanding financial obligation to the University. Students requesting a transcript should refer to the Financial Information section of the University of Pikeville Catalog for applicable fees.

Upon request, official transcripts will be mailed directly to other institutions or agencies. Requests must specify the office and/or person to which the transcript is to be sent. Under special conditions, an official transcript, in a sealed envelope with the Registrar’s signature over the seal, may be given to a student. Transcripts given directly to students will be stamped “Issued to Student.”
Confidentiality of Student Records
In accordance with the Family Educational Rights and Privacy Act of 1974 (FERPA), University of Pikeville students have the right to inspect and review their official records, files, and data, including all materials incorporated in their cumulative record folder.

Students have the right to request a hearing to challenge the contents of these records to insure that they are accurate and do not violate the student's rights. Students may also correct, amend or supplement their records.

The only information that will be released concerning students will be directory information, as defined in the Act, unless the student has specifically waived rights guaranteed under this Act.

Student Responsibility
Each student is responsible for being informed of the academic regulations and requirements set forth in the University of Pikeville Catalog, including all changes approved by the Faculty; official University of Pikeville policies and procedures set forth in the University of Pikeville Student Handbook; and other appropriate publications. Lack of knowledge of the policies of the institution does not excuse failure to meet the requirements or to comply with regulations contained in these publications.

Dean's List
To publicly acknowledge the high scholastic achievement of its students, the University follows the traditional practice of publishing a Dean's List at the end of each semester. To be eligible for the Dean's List, a student must complete twelve semester hours with no failures and earn a minimum semester grade point average of 3.50. Students enrolled for six or more semester hours are eligible for the part-time student Dean's List. Both lists are announced by the Dean of the College of Arts and Sciences after the close of each semester.

Graduation with Honors
Honors are based on the cumulative grade point average for performance at University of Pikeville. To be considered for honors at commencement, a minimum of sixty semester hours for the baccalaureate degree and thirty semester hours for the associate degree must have been completed at University of Pikeville. Students who have a scholastic standing of 3.5 or higher are eligible to graduate with honors in the categories listed below.

Baccalaureate Degrees

- Cum Laude: The degree will be awarded cum laude to candidates who have a grade point average of 3.50-3.69.
- Magna Cum Laude: The degree will be awarded magna cum laude to candidates who have a grade point average of 3.70-3.84.
- Summa Cum Laude: The degree will be awarded summa cum laude to candidates who have a grade point average of 3.85-4.00.

Associate Degrees

- Honors: The degree will be awarded with honors to candidates who have a grade point average of 3.50-3.75
- High Honors: The degree will be awarded with high honors to candidates who have a grade point average of 3.76-4.00

Awards
The Dr. W.C. Condit Award, established in 1909, is presented each year to the member of the graduating class who has achieved the highest scholastic standing throughout their entire college career. The Margaret E. Record Award is presented to the member of the graduating class who has achieved the second highest standing. Each award requires the graduate to have taken at least ninety-six semester hours toward graduation at University of Pikeville.

Academic Advising
University of Pikeville takes great pride in the emphasis placed on assisting individual students in assessing their academic backgrounds and aptitudes, in planning career goals and objectives, in encouraging the successful completion of academic goals, and in actively participating in the learning process both in and out of the classroom.

The Registrar assigns each student an academic advisor in their intended field of study. Students who have not chosen a major are assigned advisors with experience and expertise in working with undecided students. Students placed in developmental courses are assigned developmental advisors to assist them in the selection of appropriate classes.

Each faculty member will have posted office hours to work with advisees and with students in their courses. Students who have questions about courses or the academic programs should seek assistance from their Academic Advisor, their instructors, the Registrar, or the Dean of the College of Arts and Sciences.

Student Success Coordinator
The Student Success Coordinator is the primary contact for the B.E.A.R.S. mentoring program and serves as the initial point of contact and referral for students with academic, social or financial needs. Students are encouraged to contact the coordinator to discuss the resources and support services available.

Allara Library
Frank M. Allara Library offers students, faculty and staff a wide range of resources and services. The library maintains a collection of approximately 80,000 books and over 300 periodical titles in print and microform. As a member of both the Appalachian College Association and the Kentucky Virtual Library, Allara Library offers electronic access to over 13,000 journal titles and 110,000 E-Books. All electronic resources are accessible from anywhere on campus, including residence halls and labs. Resources not available on campus are
easily obtained through InterLibrary Loan services, and librarians are available to assist students with research. The Library provides a quiet place to study on the top two floors and computer and database access on the first floor.

**The Academic Assistance Center**
The Academic Assistance Center at the University of Pikeville provides academic support for students. The center is staffed by faculty, staff and students and offers individual or group peer-tutoring services. Students are also welcome to visit the center to study, complete assignments, or work with a study partner or group. All services of the center are provided at no cost to University of Pikeville students, and the University encourages all students to take full advantage of these services.

The Academic Assistance Center is located on the ground floor of the Allara library. Hours of operation and tutor availability are posted in each classroom building and are communicated to faculty and staff at the beginning of each semester. Services are provided on a drop-in basis according to posted information. In special circumstances, tutoring sessions at times other than those posted for the center can be scheduled.

Students interested in working in the Academic Assistance Center must complete an application, satisfy the academic criteria established for tutoring positions, and supply the coordinator with details concerning the hours they are available to work in the Center. Students may contact Libby Shockey at 218-5328 for more information.

**The Writing Center**
The University of Pikeville Writing Center supports the Writing Across the Curriculum Program by assisting students in writing and providing writing resources and workshops for faculty. One-on-one tutoring in writing is provided in all disciplines by students selected for their academic interests, achievements in writing and qualifications as peer tutors.

The Writing Center is located on the 3rd Floor of the Allara Library and is open Monday through Friday on a drop-in basis. Students should check at the center for current hours of operation. Students may also request an appointment for assistance by filling out a *Tutor Request Form.*
UNDERGRADUATE CURRICULUM AND COURSE REQUIREMENTS

The Curriculum
The undergraduate degree programs support the mission of the University through a quality education that focuses on the development of the whole person including the intellectual, spiritual, social and physical dimensions. The undergraduate curriculum includes three associate and 23 baccalaureate degree programs built on a broad liberal arts foundation that emphasizes communicative and quantitative skills; independent thinking; tolerance of diverse points of view; cultural, historical and ethical awareness; and preparation for leadership, civic responsibility and life-long learning. The curriculum has three components: the college general education (core) requirements, the major program requirements, and sufficient electives to meet the semester-hour requirement for the degree sought.

Common to all baccalaureate degrees (associate degrees have specified core requirements depending on the program of study), the general education requirements emphasize a strong foundation in the basic skills of reading, writing, speaking, problem-solving, and using technology. The general education curriculum also provides an introduction to the humanities, the sciences, the social sciences, and religion. The curriculum is designed to allow early completion of basic skills courses so these skills may be practiced in subsequent courses.

To receive a baccalaureate degree, the student must select a major or an area of concentration. The major or area of concentration provides for in-depth study in a specific subject area.

The Developmental Studies Program
This program provides students who need review or additional academic preparation prior to entering regular college courses with the opportunity to improve in English, reading, and mathematics. The goal is to help students succeed in their studies through improvement of these basic skills. Two levels of instruction are offered in each subject: ENG 098 and ENG 099, RED 098 and RED 099, and MTH 098 and MTH 099. Semester hours earned in Developmental Studies courses are used for computing the University of Pikeville grade point average (GPA) and for determining athletic eligibility and financial aid awards but may not be used to satisfy the semester hour requirement for graduation with an Associate or Baccalaureate degree.

For degree-seeking students, placement in Developmental Studies courses is mandatory if their ACT subscores fall within the Basic Skills Course Placement guidelines. Students taking two or more Developmental Studies courses are limited to a maximum course load of 14 semester hours. Developmental Studies courses may not be taken as electives by students who have placed in higher level courses. All degree-seeking students must continue to register for Developmental Studies courses until they have successfully completed the courses with a grade of “C” or better. For specific program requirements, see the Developmental Studies Program section of the University of Pikeville Catalog.

Basic Skills Course Placement
The University uses ACT exam results or equivalent SAT exam results as part of the procedure for placing students in English, reading, and mathematics courses. Below are the placement guidelines for ACT scores taken October 1989 or later [or the equivalent SAT]. For degree-seeking students, placement in Developmental Studies courses is mandatory if their ACT subscores fall within the following guidelines:

Mathematics ACT subscore for Math placement
- 14 and below  – MTH 098
- 15 to 17  – MTH 099
- 18 and above  – MTH 111
- 22 and above  – are eligible to take MTH 113 Precalculus Algebra
  (Recommended for Math and Science majors)
- 25 and above  – are eligible to take MTH 121 Calculus I
  (A Math, Chemistry, Computer Science major requirement)

English ACT subscore for English placement
- 13 and below  – ENG 098
- 14 to 17  – ENG 099
- 18 and above  – ENG 111
- 29 and above  – are eligible to take ENG 114, Honors Composition

Reading ACT subscore for Reading placement
- 13 and below  – RED 098
- 14 to 17  – RED 099
- 18 and above  – No specific reading requirements
University General Education Core Requirements
The following courses satisfy the general education requirements for all baccalaureate degrees. Please note that some majors such as education, business, and social work majors have specific courses required that are to be used to fulfill the general education core requirements. For details, please refer to the section of the catalog outlining the requirements for the major in question.

Basic Skills ............................................................................................................................................................................ 15-19 hours
Complete the following:
- First Year Studies* FS100 or FS105 .......................................................................................... 0-3 hours
- Composition ENG 111 or ENG 114 and ENG 112 or ENG 115 ........................................ 6 hours
- Mathematics MTH 111, MTH 113, or MTH 121 .............................................................. 3-4 hours
- Computer Literacy CS 101 or higher, BUS 215 or EDU 201 .............................................. 3 hours
- Public Speaking COM 225 .............................................................................................. 3 hours
*Note: All First-time Freshmen regardless how many credit hours they transfer; and transfer students that have less than 15 credit hours are required to complete FS 100 First-Year Studies or FS 105 Foundations for Success. Dual credit high school college courses do not count toward this total.

Humanities ............................................................................................................................................................................. 9-10 hours
Complete a minimum of nine hours of electives from three different humanities disciplines. Select three courses from the following groups – only one course per group.
- Art (ART) Elective
- Communication (COM) Elective
- English (ENG) Elective (ENG 200 or higher) or EDU 201
- Humanities (HUM) Elective or EDU 322
- Music (MUS) Elective – select from MUS 115, MUS 116, MUS 210, or MUS 215
- Philosophy (PHI) Elective

Religion ........................................................................................................................................................................................ 6 hours
Complete six semester hours of religion (REL) courses; three hours must be REL 213 or REL 214.

Sciences ..................................................................................................................................................................................... 4-8 hours
Complete one of the following options:
- B.S. Degree Option: Completion of two lab sciences (8 hours)
- B.A. Degree Option: Completion of one lab science (4 hours) plus a six credit hour sequence of a foreign language
- B.B.A. Degree Option: Requires completion of either the B.S. or B.A. Degree Option.

Note: a lab science is three hour course with one hour associated lab or a four hour course with a lab component.

History ......................................................................................................................................................................................... 6 hours
Complete one of the following history sequences:
- World Civilization (HIS 221 and 222) or American History (HIS 225 and 226)

Social Science ............................................................................................................................................................................... 6 hours
Complete a minimum of six hours of electives from two different social science disciplines. Select two courses from the following disciplines – only one course from each discipline:
- Anthropology (ANT) Elective
- Economics (ECN) Elective
- Geography (GEG) Elective
- Political Science (PLS) Elective
- Psychology (PSY) Elective
- Sociology (SOC) Elective

Health or Physical Education ..................................................................................................................................................... 2-3 hours
Complete a minimum of two hours of electives (one or two courses) from the following:
- HEA 216, EDU 200, PED courses, and MSL lab courses.

Foreign Language ...................................................................................................................................................................... 0-6 hours
Complete one of the following options:
- B.S. Degree Option: No foreign language required and completion of eight hours of lab science
- B.A. Degree Option: Completion of a six credit hour sequence of a foreign language and four hours of lab science
- B.B.A. Degree Option: Requires completion of either the B.S. or B.A. Degree Option.
General Requirements for Associate and Baccalaureate Degrees

Associate Degree
A candidate for the associate degree is expected to fulfill the requirements for graduation stated at the time of admission or readmission to the University of Pikeville. The general requirements for the associate degree are as follows:

1. A minimum of sixty semester hours (at the 100 level or higher) with a cumulative grade point average of 2.00 or higher depending on individual program requirements;
2. Successful completion of an approved associate degree major;
3. At least 50% of the semester hours required in the major and a total of 25% of the credit hours toward a degree must be earned at University of Pikeville;
4. A minimum cumulative grade point average of 2.00 in the major unless specified for a particular program;
5. A grade of "C" or better in all courses taken to satisfy major requirements;
6. Successful completion of departmental assessment requirements.

Note: Developmental Studies courses do not count toward the 60 semester hours required for the associate degree.

Baccalaureate Degree
A candidate for the baccalaureate degree is expected to fulfill the requirements for graduation stated at the time of admission or readmission to the University of Pikeville. The general requirements for the baccalaureate degree are as follows:

1. A minimum of 120 semester hours (at the 100 level or higher) with a minimum cumulative grade point average of 2.00 or higher depending on individual program requirements;
2. A minimum of 39 semester hours in 300 or 400 level courses;
3. Successful completion of the general studies core curriculum ranging from 52-60 semester hours, depending on the major and course selection;
4. Successful completion of one of the following:
   a. A major with thirty semester hours or more; or
   b. An area of concentration of forty-eight semester hours or more;
5. Thirty of the last thirty-six semester hours prior to graduation must be taken at the University of Pikeville.
6. At least 50% of the semester hours required in the major, minor, or area of concentration and a total of 25% of the credit hours toward a degree must be earned at the University of Pikeville.
7. A minimum cumulative grade point average of 2.00 in the major or minor unless specified for a particular major;
8. A grade of "C" or better in all major, minor, or area of concentration courses;
9. Successful completion of institutional and departmental assessment requirements.

Note: Developmental Studies courses do not count toward the 120 semester hours required for the baccalaureate degree.

Undergraduate Degrees Offered
The University of Pikeville offers the following undergraduate degrees:

- Associate of Science (A.S.)
- Bachelor of Arts (B.A.)
- Bachelor of Science (B.S.)
- Bachelor of Business Administration (B.B.A.)

Note: The B.A. or B.S. degree is awarded depending upon the option chosen. A B.A. degree-seeking student completes a two course foreign language sequence (6 hours) and one lab science (4 hours). A B.S. degree-seeking student completes two lab sciences and no foreign language courses. If a student completes both the requirements for the B.A. and the B.S. degree, then the student is awarded their choice of the B.A. or the B.S. degree. Students seeking a B.B.A. degree may complete either the B.A. or the B.S. general education degree requirements.

Associate of Science degrees are awarded in the following areas:

- Business
  - Accounting Emphasis
  - Management Emphasis
  - Management Information Systems Emphasis

- Criminal Justice

- Nursing
Baccalaureate degrees are awarded in the following areas:

Business
- Business Administration (B.B.A.)

Education (B.A. or B.S.)
- Elementary Education
- Middle Grades Education
- Secondary Education Specialties
  - Biology
  - Chemistry
  - English
  - Mathematics
  - Social Studies

Humanities
- Art (B.A. or B.S.)
- Communication (B.A. or B.S.)
- English (B.A. or B.S.)
- Religion (B.A. or B.S.)

Mathematics and Natural Sciences
- Biology (B.A. or B.S.)
- Chemistry (B.A. or B.S.)
- Computer Science (B.A. or B.S.)
- Mathematics (B.A. or B.S.)

Social Sciences
- Criminal Justice (B.A. or B.S.)
- History (B.A. or B.S.)
- History/Political Science (B.A. or B.S.)
- Nursing (B.S.)
- Psychology (B.A. or B.S.)
- Social Work (B.A. or B.S.)
- Sociology (B.A. or B.S.)

Other
- Interdisciplinary Studies (B.A. or B.S.)

Pre-Professional Programs
Students intending to pursue a professional degree should follow the curriculum guidelines for admission from the specific school he or she plans to attend. The University of Pikeville offers courses that prepare students for admission to the following types of professional schools:

- Dental
- Engineering
- Law
- Medical
- Optometry
- Pharmacy
- Physical Therapy
- Veterinary Medicine

Students interested in pre-professional programs can contact the Registrar’s office for the name of the appropriate faculty advisor.

Student Responsibility for Graduation
The ultimate responsibility for fulfilling graduation requirements rests with the individual student. Students should consult with their Academic Advisor to ensure that they are meeting all degree requirements. Students must apply for graduation. Applications for graduation are available in the Office of the Registrar. Diplomas will be issued only at yearly commencement exercises and only after all financial obligations to the University have been met.
UNDERGRADUATE ACADEMIC PROGRAMS, DEGREE REQUIREMENTS AND COURSE DESCRIPTIONS

The requirements for each undergraduate degree program are outlined in detail on the following pages. All candidates for the baccalaureate degree must complete the General Studies Core Requirements listed earlier.

For a baccalaureate degree, majors may require no fewer than thirty semester hours. For an area of concentration, a division may require no fewer than forty-eight semester hours. Specific requirements for majors and areas of concentration are listed for each program.

Anthropology (ANT)
The Anthropology courses are offered through the Division of Social Sciences. Courses in this area help students develop an understanding of belief systems, technology, language and social organizations.

Anthropology Course Descriptions
ANT 101 Cultural Geography ................................................................................................................................. (3)
A study of the relationship between human societies and the natural environments they occupy; how human groups erect landscapes of human use upon the natural landscape. Cross-listed as GEG 101 and SOC 101.

ANT 125 Introduction to Anthropology: Cultural and Linguistic ............................................................................. (3)
A comparative survey of the culture and social institutions (including language) of preliterate and nonliterate societies with attention given to comparisons with western culture. Cross-listed as SOC 125.

ANT 229 The Family ......................................................................................................................................................... (3)
A study of modern marriage and family institutions in the context of radical change; examination of "marital happiness" as a cultural phenomenon; topics include the social regulation of mate selection, kinship relationships and sexual behavior, evaluation of research findings and emerging trends. Cross-listed as SOC 229.

ANT 350 Culture of the Appalachian Region .................................................................................................................. (3)
A study of the Appalachian culture and social systems, including family structure, social class, religion, and education. Some attention given to Appalachian folklore, dance, music, food, and story-telling. Cross-listed as SOC 350.

ANT 393 Racial and Ethnic Cultural Groups ................................................................................................................. (3)
Scientific investigation of majority/minority group relations with particular emphasis on racial, ethnic, class, and gender groups within American society. Prerequisite: One introductory course in anthropology or sociology. Cross-listed as SOC 393.

Art (ART)
The Art program is a part of the Humanities Division and offers a variety of courses which promote the role of art and aesthetics in society. Students are exposed to a variety of basic skills as well as preparation for entry-level careers or further graduate study. Students will experience a variety of media and the skills to specialize in one or two areas as an independently creative artist.

Art Major
Basic program for a baccalaureate degree:

I. Core Requirements ......................................................................................................................................................... 52-60 hours

II. Art Requirements ......................................................................................................................................................... 39 hours
ART 121 Basic Drawing ..................................................................................................................................................3
ART 132 Two-Dimensional Design .................................................................................................................................3
ART 161 Three-Dimensional Design ..............................................................................................................................3
ART 221 Intermediate Drawing ........................................................................................................................................3
ART 241 Painting I ............................................................................................................................................................3
ART 261 Sculpture I ..........................................................................................................................................................3
ART 331 Advanced Drawing and Composition ..............................................................................................................3
ART 495 Senior Capstone ................................................................................................................................................3

Select three courses from the following:
ART 311 History of Ancient and Medieval Art ...............................................................................................................3
ART 312 History of Art from the Renaissance to 1850 .......................................................................................................3
ART 313 History of Art from 1850 to the Present ...............................................................................................................3
ART 314 Art of the Non-Western World ............................................................................................................................3

Select an additional 2 ART Electives
ART Electives must be at the 200 level or above ..............................................................................................................6

III. General electives as needed to meet the minimum requirements of 120 semester hours
Art Minor

Art Requirements

Must include ART 121, 132, 161 and any one 300 level course in art history (i.e. 311, 312, 313, and 314). The remaining art classes must be in the 200-300 level range.

Art Course Descriptions

ART 102 Survey of Art from Prehistory to the 14th Century
A general survey of art from earliest time through the precursors of the Renaissance. The class will deal with western as well as non-western art. The course objective is to develop the ability to comprehend and evaluate concepts and issues pertaining to cultural heritage as embodied in the visual arts. **Does not fulfill requirements toward Art major or minor.**

ART 103 Survey of Art from 14th Century to the Present
A general survey of art from Renaissance to the present. The class will deal with western as well as non-western art. The course objective is to develop the ability to comprehend and evaluate concepts and issues pertaining to cultural heritage as embodied in the visual arts. **Does not fulfill requirements toward Art major or minor.**

ART 121 Basic Drawing
Introduction to basic drawing experiences and concepts. Graphic representation of objects is stressed through a variety of techniques and media.

ART 132 Two Dimensional Design
A study of principles of pictorial art structure through a series of experimental exercises in two dimensions.

ART 161 Three-Dimensional Design
A variety of materials will be used to explore the elements and principles of design as they relate to three-dimensional space, mass and volume.

ART 221 Intermediate Drawing
A studio class designed to build on the broad basic concepts introduced in ART 121. The course objective is to develop these concepts within the context of the individual student artist. Students deal with problem-solving and analyzing both historical art and the art of their peers. **Prerequisite: ART 121.**

ART 241 Painting I
A basic studio introduction to materials and methods of painting with emphasis on composition. **Prerequisite: ART 121.**

ART 261 Sculpture I
Introductory studio experience in principle sculptural concepts and methods. **Prerequisite: ART 161.**

ART 311 History of Ancient and Medieval Art
The study of painting, sculpture, and architecture from pre-history to the Renaissance. **Prerequisite: ENG 112 or ENG 115.**

ART 312 History of Art from the Renaissance to 1850
The study of painting, sculpture, and architecture from the Renaissance to 1850. **Prerequisite: ENG 112 or ENG 115.**

ART 313 History of Art from 1850 to the Present
The study of painting, sculpture, and architecture from 1850 to the present. **Prerequisite: ENG 112 or ENG 115.**

ART 314 Art of the Non-Western World
This course is a survey of the painting, sculpture, crafts, and architecture of the non-Western world. The course objective is to develop a multi-cultural awareness of humanity’s approaches to the visual arts and how they are a reflection of those cultures’ values, environments and reactions to history. The class may cover the arts of China, Japan, South America, and Africa in addition to other cultures at the discretion of the instructor. **Prerequisite: ENG 112 or ENG 115.**

ART 331 Advanced Drawing and Composition
Application of design elements and principles in developing an individual understanding personal exploration of pictorial space, organization and style. **Prerequisite: ART 221.**

ART 341 Painting II
A continuation of painting with an emphasis on individual development. **Prerequisite: ART 241.**

ART 361 Sculpture II
Advanced study in sculpture concepts and methods. Emphasis is given to individual development of expression. **Prerequisite: ART 261.**

ART 390 Special Topics
Study of a selected topic of special interest. The topic may differ each time the course is offered and may be proposed by either instructor or students. **Prerequisite: ART 121.**

ART 495 Senior Capstone
Will be used to prepare for and meet the exit requirements for graduation for those majoring in art. These requirements include presenting a cohesive body of personal work, defense of said work, and an art history lecture. **Prerequisite: Permission of the Instructor.**

ART 499 Directed Individual Study
Individual studio projects or directed research. Open only to senior art majors or minors with all course work completed in the art area selected. **Prerequisite: Permission of the Instructor, Division Chair, and Dean of the College of Arts and Sciences.**
Biology (BIO)

The Biology Program is a part of the Division of Mathematics and Natural Sciences. It provides a rigorous curriculum which enables students to develop an understanding of and an appreciation for the diversity of living organisms and their structure, function, and interactions. Most courses emphasize laboratory and/or field activities. The program is designed to prepare students to enter science-related fields of business, to teach biology in high school, to meet professional school entrance requirements, and for further study in graduate school.

Biology Major

Basic program for a baccalaureate degree:

I. Core Requirements ................................................................................................................................................................................. 52-60 hours

II. Biology Requirements ............................................................................................................................................................................. 34 hours

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIO 151</td>
<td>Principles of Biology I</td>
<td>4</td>
</tr>
<tr>
<td>BIO 152</td>
<td>Principles of Biology II</td>
<td>4</td>
</tr>
<tr>
<td>BIO 310</td>
<td>Evolution and Ecology</td>
<td>4</td>
</tr>
<tr>
<td>BIO 320</td>
<td>Genetics</td>
<td>4</td>
</tr>
<tr>
<td>BIO 350</td>
<td>Microbiology</td>
<td>4</td>
</tr>
<tr>
<td>BIO 420</td>
<td>General Physiology</td>
<td>4</td>
</tr>
<tr>
<td>BIO 480</td>
<td>Seminar in Biology</td>
<td>1</td>
</tr>
</tbody>
</table>

Select three BIO electives from the following list for a minimum of 10 hours.

One of the courses must be a 4-hour course with laboratory.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIO 313</td>
<td>Botany</td>
<td>4</td>
</tr>
<tr>
<td>BIO 314</td>
<td>Zoology</td>
<td>4</td>
</tr>
<tr>
<td>BIO 321</td>
<td>Invertebrate Zoology</td>
<td>4</td>
</tr>
<tr>
<td>BIO 330</td>
<td>Comparative Anatomy</td>
<td>4</td>
</tr>
<tr>
<td>BIO 400</td>
<td>Molecular Biology of the Cell</td>
<td>4</td>
</tr>
<tr>
<td>BIO 402</td>
<td>General Parasitology</td>
<td>4</td>
</tr>
<tr>
<td>BIO 405</td>
<td>Embryology</td>
<td>4</td>
</tr>
<tr>
<td>BIO 411</td>
<td>Ecology II</td>
<td>4</td>
</tr>
<tr>
<td>BIO 430</td>
<td>Immunology</td>
<td>4</td>
</tr>
<tr>
<td>BIO 440</td>
<td>Histology</td>
<td>4</td>
</tr>
<tr>
<td>BIO 441</td>
<td>Neurobiology</td>
<td>4</td>
</tr>
<tr>
<td>BIO 490</td>
<td>Special Topics</td>
<td>1-4</td>
</tr>
<tr>
<td>BIO 499</td>
<td>Directed Independent Study</td>
<td>1-4</td>
</tr>
</tbody>
</table>

III. Related Studies Requirements .......................................................................................................................................................... 29 hours

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHE 113</td>
<td>General Chemistry I</td>
<td>3</td>
</tr>
<tr>
<td>CHE 114</td>
<td>General Chemistry II</td>
<td>3</td>
</tr>
<tr>
<td>CHE 115</td>
<td>General Chemistry I Laboratory</td>
<td>1</td>
</tr>
<tr>
<td>CHE 116</td>
<td>General Chemistry II Laboratory</td>
<td>1</td>
</tr>
<tr>
<td>CHE 313</td>
<td>Organic Chemistry I</td>
<td>4</td>
</tr>
<tr>
<td>CHE 314</td>
<td>Organic Chemistry II</td>
<td>4</td>
</tr>
<tr>
<td>CHE 315</td>
<td>Organic Chemistry I Laboratory</td>
<td>1</td>
</tr>
<tr>
<td>CHE 316</td>
<td>Organic Chemistry II Laboratory</td>
<td>1</td>
</tr>
<tr>
<td>MTH 113</td>
<td>Precalculus Algebra or higher math course</td>
<td>3</td>
</tr>
</tbody>
</table>

(MTH 114 is a prerequisite for PHY 223)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHE 314</td>
<td>Organic Chemistry II</td>
<td>4</td>
</tr>
<tr>
<td>CHE 313</td>
<td>Organic Chemistry I</td>
<td>4</td>
</tr>
</tbody>
</table>

IV. General electives as needed to meet the minimum requirements of 120 semester hours

Biology Minor

Biology Requirements .............................................................................................................................................................................. 21 hours

Must include BIO 151 and BIO 152 and a minimum of 13 hours of eligible courses at the 300-400 level.

Teaching Certification in Biology

(See Education)

Biology Course Descriptions

BIO 100 Introduction to Biology .................................................. (3)
A survey course for those not taking a biology major or minor. Three hours of lecture per week; accompanied by a lab course. Prerequisite: MTH 098 or placement beyond. Corequisite: BIO 101 or consent of Instructor. Does not count toward a major or minor in Biology.

BIO 101 Introduction to Biology Lab .......................................... (1)
Laboratory to accompany Introduction to Biology lecture. Three hours of lab per week. Pre- or corequisite: BIO 100 or consent of the Instructor. Does not count toward a major or minor in Biology.
BIO 102  Introductory Biology .................................................................(4)
This is a laboratory-science survey course for those not planning to major or minor in biology. The course employs integrated lecture and inquiry-based instruction. Five hours of combined lecture and lab per week. Prerequisite: MTH 098 or placement beyond. Does not count toward a major or minor in Biology.

BIO 151  Principles of Biology I ............................................................(4)
The hypothetico-deductive nature of scientific inquiry is introduced and is used as a foundation for the exploration of cellular organization and function. Topics covered include atomic bonding, the structure and importance of water to life, macromolecules essential to life, enzyme kinetics, eukaryotic cell structure, cellular respiration, photosynthesis, cell division, an introduction to Mendelian genetics, and the structure and function of DNA. Although the course focuses on the cellular level and below, the importance of these structures and processes to the organism is continually considered. Pre- or corequisite: MTH 111 or placement beyond. Recommended: One year of high school biology or chemistry and co-registration in CHE 113.

BIO 152  Principles of Biology II ...........................................................(4)
A survey course of Earth’s biodiversity, including the prokaryotic and eukaryotic domains, intended for students to gain an understanding and appreciation of organismal diversity. Taxonomy, phylogeny, and life histories of various taxonomic groups will also be discussed in order to address evolutionary relationships and morphological and physiological differences among groups. Prerequisite: A grade of “C” or better in BIO 151.

BIO 171  Anatomy and Physiology I ....................................................(4)
This course provides the students with insight into the human body, primarily at the cellular and tissue levels. Topics include histology, muscles, bones, nervous systems, and cellular metabolism. Three hours of lecture and two hours of laboratory per week. Pre- or corequisite MTH 099 or placement beyond. Does not count toward a major or minor in Biology.

BIO 172  Anatomy and Physiology II ...................................................(4)
In this course, the human body is investigated primarily at the system level. Areas of study include: respiratory, cardiovascular, urinary, digestive, and reproductive systems. Three hours of lecture and two hours of laboratory per week. Pre- or corequisite MTH 099 or placement beyond. Does not count toward a major or minor in Biology.

BIO 250  Human Anatomy .................................................................(4)
A comparative study of the anatomical structure of the human body. Interrelated functions of the structure are described. Three hours of lecture and three hours of laboratory work each week. Does not replace BIO 330. Does not count toward a major or minor in Biology.

BIO 251  Human Physiology ...............................................................(4)
A course designed to meet the needs of allied health students. The functions of the body systems are studied with emphasis on systems’ interrelationships and disease states. Three hours of lecture and three hours of laboratory work each week. Prerequisite: A grade of "C" or better in BIO 250. Does not replace BIO 420. Does not count toward a major or minor in Biology.

BIO 273  Clinical Microbiology ...........................................................(4)
This course is designed for allied health students in need of a broad foundation in microbiology as well as insight into the role microorganisms play in health and disease. Three hours of lecture and three hours of laboratory work each week. Prerequisites: A grade of “C” or better in BIO 171 and BIO 172. Does not replace BIO 350. Does not count toward a major or minor in Biology.

BIO 280  Medical Terminology ............................................................(3)
A course designed to build the vocabulary of students who are enrolled in or are preparing to enroll in a medically related program of study. Students will become familiar with specific prefixes and suffixes, which will enable them to deduce the meaning of unfamiliar scientific and medically related words. Students will also become proficient in navigating scientific and health related websites. Prerequisites: A grade of a “C” or better in ENG 111 or ENG 114. Does not count toward a major or minor in Biology.

BIO 310  Evolution and Ecology ...........................................................(3)
A discussion of fundamental principles of evolutionary biology and ecology intended to address biology at the population level and above. Topics covered include natural selection and other mechanisms of evolutionary change, rates and mechanisms of speciation, population genetics, effects of abiotic factors on populations, growth and regulation of populations, intraspecific and interspecific interactions, energy flow through ecosystems, nutrient cycling, and ecosystem diversity. Prerequisites: A grade of “C” or better in BIO 151 and BIO 152 and MTH 113 or placement beyond.

BIO 313  Botany ..................................................................................(4)
A study of the development, morphology, taxonomy and physiology of plants. Three hours of lecture and three hours of laboratory each week. Prerequisites: A grade of “C” or better in BIO 151 and BIO 152.

BIO 314  Zoology ..................................................................................(4)
A study of the animal kingdom and basic concepts of evolution, genetics, and ecology desirable for a liberal education or a foundation for advanced study of biology. Three hours of lecture and three hours of laboratory each week. Prerequisites: A grade of "C" or better in BIO 151 and BIO 152.

BIO 320  Genetics ..................................................................................(4)
An introductory study of the fundamental principles and mechanics of inheritance, including human applications. Three hours of lecture and three hours of laboratory work each week. Prerequisites: A grade of “C” or better in BIO 151 and BIO 152. Recommended: MTH 200.

BIO 321  Invertebrate Zoology .............................................................(4)
A comparative study of the morphology, phylogeny, and ecology of representative invertebrate animals. Three hours of lecture and three hours of laboratory work each week. Prerequisites: A grade of “C” or better in BIO 151 and BIO 152.

BIO 330  Comparative Anatomy of the Vertebrates...............................(4)
A comparative study of the morphology, phylogeny, and ecology of vertebrate animals based on protochordates, the dogfish, Neoceratias, and the cat. Three hours of lecture and three hours of laboratory work each week. Prerequisites: A grade of “C” or better in BIO 151 and BIO 152.
BIO 350  Microbiology ................................................................................................................................................................. (4)
A study of the morphology, physiology, genetics, and taxonomy of bacteria and other microorganisms, and their beneficial and harmful relationships to plants and animals. Laboratory methods of cultivation, examination, and identification of bacteria will be stressed. Three hours of lecture and three hours of laboratory work each week. Prerequisites: A grade of “C” or better in BIO 151 and BIO 152.

BIO 400  Molecular Biology of the Cell ............................................................................................................................................... (3)
Further study of eukaryotic cell structure, function, and regulation of activity. Topics covered include the structure, activity, assembly, “death,” and targeting of proteins; membrane structure and function; the structure and function of eukaryotic organelles, transmembrane signaling; the cytoskeleton; cell cycle regulation; cancer; and techniques used in cell biology. Three hours of lecture each week. Prerequisites: A grade of “C” or better in BIO 151 and BIO 152, and BIO 320. Pre- or corequisites: CHE 313 and CHE 315.

BIO 402  General Parasitology ............................................................................................................................................................... (4)
A study of the life cycles of the parasites of man and selected domestic animals, with emphasis on the clinical manifestations. Laboratory methods will include examination and identification of parasitic organisms. Three hours of lecture and three hours of laboratory work each week. Prerequisites: A grade of “C” or better in BIO 151 and BIO 152.

BIO 405  Embryology .................................................................................................................................................................................. (4)
A study of organismal development, with a particular emphasis on molecular events. Developmental abnormalities due to genetic defects and environmental influences will also be explored. Three hours of lecture and three hours of laboratory work each week. Prerequisites: A grade of “C” or better in BIO 151 and BIO 152.

BIO 411  Ecology II ................................................................................................................................................................................... (4)
Further study of ecological principles introduced in BIO 310. Topics will be chosen by the instructor and may include population ecology, community ecology, ecosystem ecology, or environmental ecology. Prerequisites: A grade of “C” or better in BIO 151 and BIO 152, and BIO 310.

BIO 420  General Physiology ................................................................................................................................................................. (4)
General physiological principles of the organ systems of vertebrates, with a particular emphasis on normal physiology and pathophysiology of humans, will be examined in this course. The following topics will be covered: cellular physiology, neurophysiology, muscle physiology, cardiovascular and respiratory physiology, metabolism, renal physiology, acid/base balance, and endocrine function. Three hours of lecture and three hours of laboratory each week. Prerequisites: A grade of “C” or better in BIO 151 and BIO 152, and BIO 320, and junior-level standing with at least 19 credit hours of BIO courses that count toward the major.

BIO 430  Immunology ................................................................................................................................................................................. (3)
A study of the immune system including the basic structure of the immunoglobulins, the immune response, interaction of antigen and antibody, immunity to infection, rejection mechanisms of transplantation and autoimmunity. Prerequisites: A grade of “C” or better in BIO 151 and BIO 152, and BIO 350. Recommended: BIO 400 and CHE 425.

BIO 440  Histology ................................................................................................................................................................................... (4)
The microscopic study of the cells and tissues of the body. Different types of microscopy will be discussed, with an emphasis on light microscopy. Three hours of lecture and three hours of laboratory work. Prerequisites: A grade of “C” or better in BIO 151 and BIO 152.

BIO 441  Neurobiology ........................................................................................................................................................................... (3)
A study of the histology, anatomy and physiology of the nervous system. Three hours of lecture each week. Prerequisites: A grade of “C” or better in BIO 151 and BIO 152. Recommended BIO 420.

BIO 480  Seminar in Biology ................................................................................................................................................................. (1)
Presentation of current and historical topics in biology. The course emphasizes practice in presentation of oral and written reports. As parts of the course, students will be assessed regarding their knowledge of the field of biology. Prerequisites: At least 20 semester hours of BIO courses that count toward the major and senior standing or consent of the Instructor.

BIO 490  Special Topics ............................................................................................................................................................................ (1-4)
A study of a selected topic of special interest. The topic may differ each time the course is offered and may be proposed by either the instructor or students. Prerequisites: At least a junior science major and consent of the Instructor.

BIO 498  Lab Internship (Biology) ....................................................................................................................................................... (1)
The student assists in instruction of a freshman level biology lab under the supervision of the laboratory instructor. Prerequisite: Consent of the Instructor. Recommended: CHE 147. Does not count toward a major or minor in Biology.

BIO 499  Directed Independent Study ................................................................................................................................................... (1-4)
Individual research or study based on the interests and needs of the student. Credit of one to four hours each semester for a maximum of two semesters. A total of 4 credit hours may be counted toward a biology major. Prerequisites: 18 semester hours of biology and approval of a sponsoring biology faculty member, Division Chair, and Dean of the College of Arts and Sciences
Business (BUS)
The Division of Business and Economics offers programs designed to provide basic competencies in and understandings of the practices of business, economics, and accounting and their impact on society. Programs leading to associate and baccalaureate degrees designed to prepare students for careers in various fields of business are offered.

The Bachelor of Business Administration (B.B.A.) degree candidates must fulfill General Studies and Business Core requirements as well as an emphasis in one of the following:

- Accounting
- Management
- Management Information Systems

Business Administration Major
Basic program for Bachelor of Business Administration (B.B.A.):

I. Core Requirements ........................................................................................................................................................................ 52-60 hours
II. Business Core Requirements ........................................................................................................................................................................ 39 hours
   - BUS 215 Computer Applications for Business .......................................................................................................................... 3
   - BUS 231 Principles of Accounting I .................................................. 3
   - BUS 232 Principles of Accounting II .................................................. 3
   - BUS 323 The Legal Environment of Business .................................. 3
   - BUS 325 Principles of Management................................................................. 3
   - BUS 327 Business Communications ....................................................... 3
   - BUS 328 Principles of Marketing ................................................................. 3
   - BUS 380 Managerial Finance ................................................................. 3
   - BUS 455 Operations Management ........................................................... 3
   - BUS 470 Business Policy and Strategy .................................................. 3
   - ECN 201 Principles of Economics I ....................................................... 3
   - ECN 202 Principles of Economics II ....................................................... 3
   - MTH 200 Elementary Probability and Statistics  or
   - PSY 285 Statistics for the Social Sciences .................................................. 3
III. Emphasis ........................................................................................................................................................................................................... 21 hours
    Select one emphasis in either Accounting, Management or Management Information Systems:
    Accounting (21 hours)
    - BUS 310 Accounting Information Systems .................................................. 3
    - BUS 331 Intermediate Accounting I ....................................................... 3
    - BUS 332 Intermediate Accounting II ....................................................... 3
    - BUS 343 Federal Taxation ............................................................................. 3
    - BUS 345 Cost Accounting I ............................................................................ 3
    - BUS 431 Advanced Accounting ................................................................. 3
    - BUS 440 Auditing ....................................................................................... 3
    Management (21 hours)
    - BUS 305 Management Information Systems  or
    - BUS 385 Electronic Commerce ................................................................. 3
    - BUS 330 Behavior in Organizations .......................................................... 3
    - BUS 336 Entrepreneurship ...................................................... 3
    - BUS 355 Quantitative Methods in Business ............................................. 3
    - BUS 426 Human Resource Management .................................................. 3
    - Electives Two approved accounting, business, or economics upper level electives .................................................... 6
     Management Information Systems (21 hours)
    - BUS 225 Business Programming .............................................................. 3
    - BUS 305 Management Information Systems ............................................. 3
    - BUS 365 Database Management Systems ............................................... 3
    - BUS 385 Electronic Commerce ................................................................. 3
    - BUS 435 Telecommunications and Networks ............................................. 3
    - BUS 465 Systems Analysis and Design ...................................................... 3
    - Elective One approved business or computer science upper level elective ......................................................... 3
IV. Electives as needed to meet the minimum requirements of 120 semester hours.

Business Administration Minor
Requirements ................................................................................................................................................................................................. 24 hours
   Must include BUS 231, BUS 232, BUS 323, BUS 325, BUS 327, BUS 328, ECN 201, and ECN 202.
**Associate Degree Programs in Business**

Basic programs for an Associate of Science Degree in Business Accounting Management, or Management Information Systems are as follows:

I. **Core Requirements**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENG 111</td>
<td>Composition I</td>
<td>3</td>
</tr>
<tr>
<td>ENG 114</td>
<td>Honors Composition I</td>
<td>3</td>
</tr>
<tr>
<td>ENG 112</td>
<td>Composition II</td>
<td>3</td>
</tr>
<tr>
<td>ENG 115</td>
<td>Honors Composition II</td>
<td>3</td>
</tr>
<tr>
<td>MTH 111</td>
<td>Algebra for College Students (or higher)</td>
<td>3</td>
</tr>
<tr>
<td>PSY 285</td>
<td>General Psychology</td>
<td>3</td>
</tr>
<tr>
<td>REL 213</td>
<td>Old Testament</td>
<td>3</td>
</tr>
<tr>
<td>COM 225</td>
<td>Public Speaking</td>
<td>3</td>
</tr>
<tr>
<td>Electives</td>
<td>General Electives</td>
<td>1-3</td>
</tr>
</tbody>
</table>

II. **Business Requirements**

Select from the Accounting, Management, or Management Information Systems sets of requirements:

**Accounting**

- BUS 231 Principles of Accounting I .......................................................... 3
- BUS 232 Principles of Accounting II .......................................................... 3
- BUS 323 The Legal Environment of Business ............................................... 3
- BUS 325 Principles of Management .............................................................. 3
- BUS 327 Business Communications ............................................................. 3
- BUS 331 Intermediate Accounting I ............................................................. 3
- BUS 332 Intermediate Accounting II ............................................................ 3
- CS 101 Computer Literacy .............................................................................. 3
- CS 105 Intermediate Computers .................................................................... 3
- ECN 201 Principles of Economics I ............................................................. 3
- ECN 202 Principles of Economics II ............................................................ 3
- MTH 200 Elementary Probability and Statistics ........................................... 3
- PSY 285 Statistics for the Social Sciences .................................................. 3
- Electives from accounting, business or computer science ............................ 12

**Management**

- BUS 231 Principles of Accounting I .......................................................... 3
- BUS 232 Principles of Accounting II .......................................................... 3
- BUS 323 The Legal Environment of Business ............................................... 3
- BUS 325 Principles of Management .............................................................. 3
- BUS 327 Business Communications ............................................................. 3
- BUS 328 Principles of Marketing ................................................................... 3
- BUS 380 Managerial Finance ......................................................................... 3
- CS 101 Computer Literacy .............................................................................. 3
- CS 105 Intermediate Computers .................................................................... 3
- ECN 201 Principles of Economics I ............................................................. 3
- ECN 202 Principles of Economics II ............................................................ 3
- MTH 200 Elementary Probability and Statistics ........................................... 3
- PSY 285 Statistics for the Social Sciences .................................................. 3
- Electives from accounting, business or computer science ............................ 12

**Management Information Systems**

- BUS 215 Computer Applications for Business ............................................. 3
- BUS 225 Business Programming ................................................................. 3
- BUS 231 Principles of Accounting I ............................................................ 3
- BUS 232 Principles of Accounting II .......................................................... 3
- BUS 305 Management Information Systems ................................................ 3
- BUS 323 The Legal Environment of Business ............................................... 3
- BUS 325 Principles of Management .............................................................. 3
- BUS 327 Business Communications ............................................................. 3
- BUS 365 Database Management Systems .................................................... 3
- BUS 370 Ethics in Business and Information Systems .................................. 3
- BUS 385 Electronic Commerce .................................................................... 3
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>ECN 201</td>
<td>Principles of Economics I</td>
<td>3</td>
</tr>
<tr>
<td>ECN 202</td>
<td>Principles of Economics II</td>
<td>3</td>
</tr>
<tr>
<td>MTH 200</td>
<td>Elementary Probability and Statistics</td>
<td>3</td>
</tr>
<tr>
<td>PSY 285</td>
<td>Statistics for the Social Sciences</td>
<td>3</td>
</tr>
<tr>
<td>Elective</td>
<td>Elective from business or computer science</td>
<td>3</td>
</tr>
</tbody>
</table>

**Business Course Descriptions**

**BUS 100 Personal Money Management**
This course is designed to assist the consumer in management of personal financial affairs. Topics are consumerism, insurance, savings instruments, banking, personal expenditures and budgeting, personal taxes, home ownership, introduction to investments, and estate planning. (3)

**BUS 215 Computer Applications for Business**
This course is designed to provide students with a wide variety of hands-on experiences in word processing, spreadsheet, database, and presentation software, as well as Internet applications, Web page development, and the latest in computer applications for the business world. (3)

**BUS 225 Business Programming**
This purpose of this course is to ensure that all MIS students have a solid understanding of software development by introducing students to fundamental programming concepts as applied to business programming. This course will introduce: computer hardware and software concepts and terminology specific to software development, software algorithm concepts and development; structured programming methodologies; computer language syntax; user interface design and event based programming. Students will be presented with common business needs throughout the course and will be required to develop the necessary logic using either pseudocode and/or flowcharts then use that logic in conjunction with a current programming language to develop the required software application. While the programming content of the course will be similar to introductory computer science courses, the assignments, lectures, and discussions are focused on business problems and situations management information systems students are likely to encounter in future courses and jobs. Prerequisite: BUS 215 or consent of the Instructor. (3)

**BUS 231 Principles of Accounting I**
This course introduces students to the principles, rules, and procedures of accounting in the context of profit-oriented business organizations. Emphasis is placed on financial statements for users outside the entity. (3)

**BUS 232 Principles of Accounting II**
A continuation of BUS 231(Principles of Accounting I) with emphasis on the preparation of statements and reports for users inside the business entity. Prerequisite: BUS 231. (3)

**BUS 305 Management Information Systems**
This course is designed to make the students knowledgeable about the fundamentals underlying the design, implementation, control, evaluation, and strategic use of modern, computer-based information systems for business data processing, office automation, information reporting, and decision making. Although some of the effort will be devoted to hands-on work with business software, the major emphasis will be on the managerial and strategic aspects of information technology. Prerequisite: BUS 215. (3)

**BUS 310 Accounting Information Systems**
Emphasis is on developing a conceptual understanding of accounting information systems. This course combines information systems concepts, computer technology, and accounting issues. Topics include computer security, information privacy, accounting cycles, specialized journals, systems development, computer crime, database applications, e-commerce and other information systems issues. Discussion of current literature and use of a computerized accounting system will be included. Students will also gain proficiency in using Microsoft Excel to perform accounting functions and create accounting documents. Prerequisites: BUS 215 and BUS 232. (3)

**BUS 320 Governmental/Not-For-Profit Accounting**
An extensive study of fund accounting principles as applied in municipal, county, and state governments; and particular adaptations peculiar to colleges, universities, hospitals, and non-governmental charitable agencies. Prerequisite: BUS 232. (3)

**BUS 323 The Legal Environment of Business**
An overview of the legal environment including forms of business ownership, judicial reasoning, contract formation and performance, social responsibility, torts, business crimes and government regulation. (3)

**BUS 324 Advanced Legal Topics**
Covers personal property and the law of sales, commercial paper, and bailment of property. Prerequisite: BUS 323. (3)

**BUS 325 Principles of Management**
An examination of the principles and techniques underlying successful organization and management of business activities. Topics include the major schools of management thought and managerial functions of planning, organizing, leading, and controlling. The role of the manager as a decision maker is emphasized through exercises and case studies. Prerequisite: Junior standing or consent of the Instructor. (3)

**BUS 327 Business Communications**
A study of the types of communication required to function effectively in the business environment. Students will learn about message strategy, effective business writing including formal report writing and other business correspondence, presentation skills, verbal and non-verbal components of communication, and dyadic and small-group communication. Appropriate computer technology will be incorporated into the course such as use of the Internet, e-mail, etc. Prerequisites: BUS 215 or CS 101 (or higher CS course), ENG 112 or 115 and COM 225, or permission of the Instructor. Cross-listed as COM 327. (3)
BUS 328 Principles of Marketing............................................................................................................................................................................... (3)
A study of marketing behavior of the firm as it supplies the goods and services to consumers and industrial users. Topics include the role of marketing in society and within the firm, consumer behavior, market targeting, and the proper development of the marketing mix of product, price, promotion, and distribution. Prerequisite: Junior standing or consent of the Instructor.

BUS 330 Behavior in Organizations............................................................................................................................................................................... (3)
An analysis of approaches to managing modern organizations, using organizational theory to evaluate human interactions. The focus is on small group behavior with an emphasis on leadership, perception, communication, diversity, and team building. Prerequisite: BUS 325 or consent of the Instructor.

BUS 331 Intermediate Accounting I ............................................................................................................................................................................... (3)
A study of the methods of classification, valuation, and disclosure of the major balance sheet, accounting, and financial statements and reports for users inside the business entity. Prerequisites: BUS 231 and BUS 232.

BUS 332 Intermediate Accounting II ............................................................................................................................................................................... (3)
A continuation of BUS 331, covering major balance sheet accounts and financial statement presentation at the professional level. Prerequisite: BUS 331.

BUS 335 Retail Management ......................................................................................................................................................................................... (3)
A strategic approach to the field of modern retailing, including traditional bricks-and-mortar and non-traditional retail businesses. Topics include retail formats, site selection, merchandise management and the establishment of a retail image with a focus on relationship retailing. Prerequisite: BUS 325 or BUS 328 or consent of the Instructor.

BUS 336 Entrepreneurship......................................................................................................................................................................................... (3)
A practical study of how to start and run a profitable business and the role of the entrepreneur in modern society. Topics will include developing a business plan, venture capital, selecting an appropriate business form, personnel management, insurance, and taxation. Although the concepts contained in this course may be applied to any business, the focus is on small business. Prerequisites: BUS 231, BUS 232, BUS 325, ECN 201, and ECN 202.

BUS 343 Federal Taxation ......................................................................................................................................................................................... (3)
An introduction to the income tax laws affecting individual taxpayers. Emphasis is placed on the determination of income and deductions. Other topics include property related transactions and a general overview of the various taxable entities, including corporations, partnerships, S corporations, estates, gifts, and trusts. Prerequisite: BUS 232.

BUS 345 Cost Accounting I ......................................................................................................................................................................................... (3)
A one semester study of the function of the cost accountant and basic concepts of the field. Particular emphasis is placed on the cost information system and accumulation procedures; and planning and controlling the major elements of cost, material, labor, and production overhead. Prerequisite: BUS 331.

BUS 350 Cost Accounting II ......................................................................................................................................................................................... (3)
A one semester course dealing with a survey of operations research and operations auditing, a detailed study of the techniques of cost and profit analysis, and a survey of unusual measurement problems. Prerequisite: BUS 345.

BUS 355 Quantitative Methods in Business ................................................................................................................................................................. (3)
A survey of various mathematically oriented methods used to solve management problems. Prerequisites: MTH 200 or CJ/PSY/SOC 285 and Junior standing or consent of the Instructor.

BUS 360 Principles of Selling......................................................................................................................................................................................... (3)
A study of the principles of selling in a professional context, including developing a sales presentation and building customer relationships. Prerequisite: BUS 328 or consent of the Instructor.

BUS 365 Database Management Systems ................................................................................................................................................................. (3)
This course is designed to provide students with the knowledge and skills necessary to design and implement appropriate database structures, extract data for reporting and perform routine administration of a database system. Students concentrate on the most popular database model, the relational model. Students will be required to develop a database structure for a variety of business needs then implement the design using a current database system. Students will also complete a semester-long case that requires them to use the knowledge gained from this course and other MIS courses to design a database structure and application. Prerequisite: BUS 225.

BUS 370 Ethics in Business and Information Systems ................................................................................................................................................... (3)
This course is designed to educate future business managers and IT professionals on the tremendous impact ethical issues have in today’s global environment. Students’ ethical morals will be explored and enhanced as they review difficult ethical situations. Emphasis will be on applying good ethical principles in the real world of work and examples, both good and bad, will be presented and analyzed concerning what is good, evil, right, wrong, legal, illegal, justice, value, duty, and obligation in today’s business environment. Prerequisite: Junior standing or consent of the Instructor.

BUS 375 Web Design and Development ................................................................................................................................................................. (3)
This course will provide students with a foundation for Web site development and will enable them to storyboard, design multimedia Web pages, effectively integrate animation into Web site design, analyze trends and issues in Web design, and utilize the latest Web page editing, Web site maintenance, Web graphics, and Web animation software to enhance Web site design. Prerequisite: BUS 215 or CS 101 (or higher CS course). Cross-listed as COM 375.

BUS 380 Managerial Finance......................................................................................................................................................................................... (3)
An overview of basic financial principles including evaluation of financial performance, cash flow, time value of money, risk and return, asset management and capital budgeting. Prerequisites: BUS 232 and MTH 200 or PSY 285.

BUS 385 Electronic Commerce .................................................................................................................................................................................... (3)
This course is designed to familiarize individuals with current and emerging electronic commerce technologies using the Internet. Topics include Internet technology for business advantage, managing electronic commerce funds transfer, reinventing the future of business through electronic commerce, business...
opportunities in electronic commerce, rudimentary electronic commerce Web site design, social, political and ethical issues associated with electronic commerce, and business plans for technology ventures. The purpose of this course is to educate a new generation of managers, planners, analysts, and programmers of the realities and potential for electronic commerce. Prerequisite: BUS 215.

BUS 426 Human Resource Management ...................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................
Chemistry (CHE)
The Chemistry program is part of the Division of Mathematics and Natural Sciences. This program provides a general background for students seeking to prepare for careers in teaching, entry-level positions in scientific occupations, or further study in graduate or professional schools. Courses in chemistry provide a basic understanding of the components and processes related to the composition and uses of matter.

Chemistry Major
Basic program for a baccalaureate degree:

I. Core Requirements .................................................................................................................................................................................. 52-60 hours

II. Chemistry Requirements ....................................................................................................................................................................... 34-35 hours
   CHE 113 General Chemistry I ................................................................................................................................................................. 3
   CHE 114 General Chemistry II ................................................................................................................................................................. 3
   CHE 115 General Chemistry I Laboratory .............................................................................................................................................. 1
   CHE 116 General Chemistry II Laboratory ............................................................................................................................................. 1
   CHE 313 Organic Chemistry I ................................................................................................................................................................. 4
   CHE 314 Organic Chemistry II ................................................................................................................................................................. 4
   CHE 315 Organic Chemistry I Laboratory .............................................................................................................................................. 1
   CHE 316 Organic Chemistry II Laboratory ............................................................................................................................................. 1
   CHE 321 Quantitative Analysis ................................................................................................................................................................. 4
   CHE 322 Instrumental Analysis ................................................................................................................................................................. 4
   CHE 400 Physical Chemistry I ................................................................................................................................................................. 4
   CHE 480 Seminar in Chemistry ................................................................................................................................................................. 1
   CHE Elective at 300 level or higher ............................................................................................................................................................. 3-4

III. Mathematics and Physics Requirements .................................................................................................................................................. 16 hours
    MTH 121 Calculus I ......................................................................................................................................................................................... 4
    MTH 222 Calculus II ......................................................................................................................................................................................... 4
    PHY 223 General Physics I ............................................................................................................................................................................... 4
    PHY 224 General Physics II ............................................................................................................................................................................. 4

IV. General electives as needed to meet the minimum requirements of 120 semester hours.

Chemistry Minor
Requirements .................................................................................................................................................................................. 25-26 hours
   Must include CHE 113, 114, 115, 116, 313, 315 and 321, and two of the following: CHE 314/316, 322, 400, 425, 435.

Teaching Certification in Chemistry
(See Education)

Chemistry Course Descriptions
CHE 100 Introduction to Chemistry .................................................................................................................................................................(3)
A survey course for those not pursuing a chemistry major or minor. Three hours of lecture per week; accompanied by a lab course. Pre- or corequisite: CHE 101. Corequisite: MTH 111 or placement beyond. Cannot be taken if student has already passed CHE 113 or its equivalent.

CHE 101 Introduction to Chemistry Laboratory ..............................................................................................................................................(1)
Laboratory course to accompany Introduction to Chemistry lecture. Three hours of lab per week. Corequisite: CHE 100 or consent of the Instructor. Cannot be taken if student has already passed CHE 115 or its equivalent.

CHE 113 General Chemistry I .................................................................................................................................................................(3)
An introduction to the fundamental concepts and principles of chemistry. The course provides the background necessary for further studies in chemistry and related areas. Topics studied include stoichiometry, gas laws, electronic and nuclear structure of the atom, chemical bonding and molecular structure, and periodic properties of the elements. Three hours of lecture per week; accompanied by a lab course. Pre- or corequisites: MTH 113 or placement beyond; Corequisite: CHE 115.

CHE 114 General Chemistry II .................................................................................................................................................................(3)
Continuation of the study of the fundamental principles of chemistry. A continuation of CHE 113. Three hours of lecture per week; accompanied by a lab course. Prerequisite: Grade of "C" or better in CHE 113; Corequisite: CHE 116.

CHE 115 General Chemistry I Laboratory ...............................................................................................................................................(1)
Laboratory to accompany General Chemistry I lecture. Three hours of lab per week. Corequisite: CHE 113 or consent of the Instructor.

CHE 116 General Chemistry II Laboratory ...............................................................................................................................................(1)
Laboratory to accompany General Chemistry II lecture. Three hours of lab per week. Prerequisite: Grade of "C" or better in CHE 115; Corequisite: CHE 114 or consent of the Instructor.

CHE 147 Laboratory Safety .................................................................................................................................................................(1)
A survey of laboratory safety principles. Course topics will include common laboratory safety practices, chemical hazards, biological hazards, personal protective equipment, chemical hazard communication, emergency procedures and other aspects of laboratory safety. Prerequisite: CHE 100 or higher.
CHE 313 Organic Chemistry I ................................................................................................................................................................. (4)
A study of the chemistry of carbon designed for chemistry majors and preprofessionals. Four hours of lecture per week. Prerequisite: Grade of "C" or better in CHE 114 and CHE 116; Corequisite: CHE 315.

CHE 314 Organic Chemistry II....................................................................................................................................................................... (4)
A continuation of CHE 313. Four hours of lecture per week. Prerequisite: Grade of "C" or better in CHE 313; Corequisite: CHE 316.

CHE 315 Organic Chemistry I Laboratory....................................................................................................................................................... (1)
Laboratory to accompany Organic Chemistry I lecture. Three hours of lab per week. Prerequisite: Grade of "C" or better in CHE 116; Corequisite: CHE 313.

CHE 316 Organic Chemistry II Laboratory....................................................................................................................................................... (1)
Laboratory to accompany Organic Chemistry II lecture. Three hours of lab per week. Prerequisite: Grade of "C" or better in CHE 315; Corequisite: CHE 314.

CHE 321 Quantitative Analysis .................................................................................................................................................................................. (4)
Classical and modern techniques of analytical chemistry, emphasizing laboratory work in quantitative measurement. Three hours of lecture per week and three hours of lab per week.

CHE 322 Instrumental Analysis.................................................................................................................................................................................. (4)
A study of the fundamentals of instrumental analysis covering the major spectroscopic and chromatographic techniques. Three hours of lecture and three hours of lab per week. Prerequisites: CHE 321, PHY 224, and a grade of "C" or better in CHE 313 and CHE 315; or consent of the Instructor.

CHE 400 Physical Chemistry I .................................................................................................................................................................................. (4)
A presentation of the fundamental principles of thermodynamics. Topics include equations of state, laws of thermodynamics, entropy, kinetic theory of gases, chemical equilibrium, and physical transformations of materials. The course consists of four hours of lecture and practicum each week. Prerequisites: MTH 222, PHY 223, PHY 224 and a grade of "C" or better in CHE 114 and 116; or consent of the Instructor.

CHE 401 Physical Chemistry II .................................................................................................................................................................................. (4)
A continuation of Chemistry 400. A study of the physical principles underlying chemical reactions. The focus will be on spectroscopy and chemical kinetics. Three hours of lecture and three hours of laboratory per week. Prerequisite: CHE 400 or consent of the Instructor.

CHE 425 Biochemistry .................................................................................................................................................................................... (4)
A study of the chemistry of biological systems. The course will cover such topics as proteins, nucleic acids, enzymes, carbohydrates, lipids, biosynthesis, and catabolism. This course serves as an introduction to post-graduate level biochemistry. The course consists of four hours of lecture and practicum each week. Prerequisites: Grade of "C" or better in CHE 314 and CHE 316. It is recommended that students have had BIO 151 prior to taking biochemistry.

CHE 435 Inorganic Chemistry .................................................................................................................................................................................. (4)
A study of the chemistry of the elements and inorganic compounds, including theoretical and structural concepts. The course consists of four hours of lecture and practicum each week. Prerequisites: Grade of "C" or better in CHE 314 and CHE 316; or consent of the Instructor.

CHE 480 Seminar in Chemistry .................................................................................................................................................................................. (1)
Presentation of current and historical topics in chemistry. The course emphasizes practice in the presentation of oral and written reports. As part of the course, students will be assessed regarding their knowledge of the field of chemistry. Prerequisites: At least 20 semester hours of chemistry and senior standing or consent of the Instructor.

CHE 490 Special Topics ......................................................................................................................................................................................... (1-4)
A study of a selected topic of special interest. May be proposed by either the Instructor or students, and may be taken for credit a number of times, provided a different topic is studied each time. Prerequisites: At least a junior science major and consent of the Instructor.

CHE 498 Lab Internship (Chemistry) ............................................................................................................................................................................. (1)
The student assists in instruction of a chemistry lab under the supervision of the laboratory instructor. Prerequisite: Grade of "C" or better in the lab and lecture course being assisted with and the consent of the lab course Instructor. Students assisting with CHE 101 may substitute a "C" or better in CHE 113 and CHE 115 for the prerequisite requirement.

CHE 499 Directed Individual Study ............................................................................................................................................................................. (1-3)
Study based on the interest and need of the student. May include advanced course work, literature search, and/or laboratory work. Credit of one to three hours each semester, for a maximum of two semesters. Prerequisites: At least 20 semester hours of chemistry and approval of a chemistry faculty member, Division Chair, and Dean of the College of Arts and Sciences.
Communication (COM)
The Communication major, offered through the Division of Humanities, gives students both a practical and theoretical grounding within a liberal arts context. Communication courses teach the oral, nonverbal, and writing skills that are essential for success in personal relationships, business settings, and society. Graduates with a Communication degree generally seek employment in professional fields where interaction with people is important. For this reason, a Communication major or minor is an excellent choice for a successful career in journalism, business, education, law, politics, entertainment, medical services, or religion.

Communication Major
Basic program for a baccalaureate degree:

I. Core Requirements .................................................................................................................................................................................... 52-60 hours

II. Communication Requirements ................................................................................................................................................................. 42 hours

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>COM 101</td>
<td>Appreciation of Theatre</td>
<td>3</td>
</tr>
<tr>
<td>COM 102</td>
<td>Desktop Publishing</td>
<td>3</td>
</tr>
<tr>
<td>COM 105</td>
<td>Introduction to Communication</td>
<td>3</td>
</tr>
<tr>
<td>COM 130</td>
<td>Introduction to Broadcasting</td>
<td>3</td>
</tr>
<tr>
<td>COM 220</td>
<td>Introduction to Journalism</td>
<td>3</td>
</tr>
<tr>
<td>COM 230</td>
<td>Broadcast Basics</td>
<td>3</td>
</tr>
<tr>
<td>COM 301</td>
<td>Communication Theory</td>
<td>3</td>
</tr>
<tr>
<td>COM 303</td>
<td>Interpersonal Communication</td>
<td>3</td>
</tr>
<tr>
<td>COM 305</td>
<td>Mass Media in Society</td>
<td>3</td>
</tr>
<tr>
<td>COM 310</td>
<td>Principles of Editing &amp; Design</td>
<td>3</td>
</tr>
<tr>
<td>COM 330</td>
<td>Intermediate Broadcasting</td>
<td>3</td>
</tr>
<tr>
<td>COM 332</td>
<td>Voice and Diction</td>
<td>3</td>
</tr>
<tr>
<td>COM 333</td>
<td>Oral Interpretation</td>
<td>3</td>
</tr>
<tr>
<td>COM 400</td>
<td>Senior Capstone in Communication</td>
<td>3</td>
</tr>
</tbody>
</table>

Select two COM Electives

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>COM 301</td>
<td>Communication Theory</td>
<td>3</td>
</tr>
<tr>
<td>COM 332</td>
<td>Voice and Diction</td>
<td>3</td>
</tr>
<tr>
<td>COM 400</td>
<td>Senior Capstone in Communication</td>
<td>3</td>
</tr>
</tbody>
</table>

III. General electives as needed to meet the minimum requirements of 120 semester hours.

Communication Minor
Requirements ......................................................................................................................................................................................... 21 hours

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>COM 105</td>
<td>Introduction to Communication</td>
<td>3</td>
</tr>
<tr>
<td>COM 220</td>
<td>Introduction to Journalism</td>
<td>3</td>
</tr>
<tr>
<td>COM 301</td>
<td>Communication Theory</td>
<td>3</td>
</tr>
<tr>
<td>COM 303</td>
<td>Interpersonal Communication</td>
<td>3</td>
</tr>
<tr>
<td>COM 305</td>
<td>Mass Media in Society</td>
<td>3</td>
</tr>
</tbody>
</table>

(Take 12 credit hours of COM electives)

Communication Course Descriptions

**COM 101  Appreciation of Theatre** ............................................................................................................................................. (3)
The course provides an overview of the history of the theatre, rehearsal techniques, theatrical terminology, and theatrical conventions. Students will discuss selected plays from the Greek to the contemporary.  *Prerequisite: ENG 111 or ENG 114.*

**COM 102  Desktop Publishing** .................................................................................................................................................... (3)
An in-depth approach to using desktop publishing software and computer graphics for the development of a variety of publications and materials, including newsletters, advertisements and public relations pieces.

**COM 105  Introduction to Communication** ............................................................................................................................................. (3)
The course provides an introduction to the basic concepts, vocabulary, theories and processes relevant to understanding communication. The various contexts of communication are explored: interpersonal, interpersonal, small group, organizational, public, and mass. Students also gain an appreciation for the careers in which human communication plays an especially important role. *Prerequisite: ENG 099 with a grade of “C” or better or placement beyond.*

**COM 130  Introduction to Broadcasting** ............................................................................................................................................. (3)
The course is a survey of and introduction to the history, organizations, regulations, and current operating practices of the broadcast industry. *Prerequisite: ENG 099 with a grade of “C” or better or placement beyond.*
COM 202 Fundamentals of Acting ...........................................................................................................................................................................(4)
Acting is believing, which is the primary assumption of this course. To believe is to understand the play and the theatre. Interpreting the lines will be an essential part of the study of theatrical character development. Lab theatres will be conducted. In addition to the three hours of classroom work a week, a one- to two-hour lab is included.

COM 210 Yearbook, Design, and Publication .........................................................................................................................................................(3)
A hands-on course dealing with the theme, content, copy, and design of a college publication. Students gain practical experience with desktop publishing software, digital photography, writing, editing, and graphic design in the development of a college publication. Emphasizes the important components of visual design, including balance, unity, and creativity.

COM 220 Introduction to Journalism...........................................................................................................................................................................(3)
Emphasis is placed on the skills of reporting. Practice in writing and editing news and sports stories and feature articles, with a glance at reviews, editorials, and columns is also provided. Required of all students majoring or minoring in Communication. Prerequisite: ENG 112 or ENG 115. Cross-listed as ENG 220.

COM 230 Broadcast Basics ..........................................................................................................................................................................................(3)
Students will be introduced to the basic technological skills that are required for television productions. These include story conceptualization and research, camera techniques, script writing, audio production, and video editing. The course will be a combination of lecture and lab experience for a variety of news and/or feature stories that involve multiple locations and interviews. Prerequisite: ENG 111 and prerequisite or co-requisite COM 130.

COM 225 Fundamentals of Public Speaking .........................................................................................................................................................(3)
An introduction to the major forms of speech, concentrating on the primary elements of public address and group discussion. Prerequisite: ENG 112 or ENG 115. The course is a general education requirement and does not count toward the major or minor in Communication.

COM 290 Special Topics .............................................................................................................................................................................................(3)
Study of selected topics of interest in the field of communication. The topic may differ each time the course is offered and may be proposed by the instructor or students. This course may be taken for credit any number of times, provided that a different topic is studied each time. Prerequisite: ENG 111 or ENG 114.

COM 301 Communication Theory.................................................................................................................................................................................(3)
The course is a survey of the major theories of human communication, attitude development, and change. Systems, symbolic interaction, cognitive, behavioral, interpretive, critical, and other theoretical perspectives are studied. Prerequisites: ENG 112 or ENG 115, COM 225, and a grade of "C" or better in COM 105.

COM 303 Interpersonal Communication .................................................................................................................................................................(3)
Consideration of human interaction in face-to-face situations. Intellectual, psychological, sociological, and experiential activities are provided for individual student development. Prerequisites: ENG 112 or ENG 115 and COM 225.

COM 304 Health Communication .................................................................................................................................................................................(3)
Emphasis is placed on the importance of good interpersonal communication skills, ethics, and cultural awareness in health-related interactions. Professional-to-patient, patient-to-professional, and professional to professional perspectives are studied. Prerequisites: ENG 111 or ENG 114 and COM 225.

COM 305 Mass Media in Society....................................................................................................................................................................................(3)
This course explores the dynamic forms of mass media and persuasion in society, including advertising, politics, and entertainment. Prerequisites: ENG 112 or ENG 115 and COM 225.

COM 306 Gender and Communication.................................................................................................................................................................(3)
The purpose of this course is to provide students with an understanding of how people communicate in gendered styles. Students will examine how gender affects the communication process in a variety of communication contexts, including interpersonal, organizational, and within the media. Students will study the formation of gender identities and examine gender roles in society. Prerequisites: ENG 112 or ENG 115.

COM 310 Principles of Editing and Design ...............................................................................................................................................................(3)
A hands-on course in putting together printed materials, from inception of story ideas to finished product. Emphasizes both creative and managerial skills in layout, typography, photo selection and use, editing, headline writing and developing publication objectives. Students will also participate in and share responsibility for a college publication. Prerequisite of COM 102 and Prerequisite or Corequisite of COM 220 or ENG 220.

COM 311 Advanced Composition ..............................................................................................................................................................................(3)
More practice in writing exposition and argument, with emphasis on developing a sophisticated and polished style. Readings in and discussion of logic, semantics, and rhetorical strategies. Prerequisite: ENG 112 or ENG 115. Cross-listed as ENG 311.

COM 315 Linguistics ...................................................................................................................................................................................................(3)
Study of modern grammar, usage, and a variety of topics concerning language, including the nature and structure of language, language change, and diversity. Prerequisite: ENG 112 or ENG 115. Cross-listed as ENG 315.

COM 320 Advanced Journalism ...................................................................................................................................................................................(3)
Advanced practices of journalism, including covering courts, police, and governmental agencies, and reporting investigative and feature stories. Legal and ethical issues unique to the profession of journalism are also studied. Prerequisite: COM 220 or ENG 220. Cross-listed as ENG 320.

COM 321 Publications Practicum ...............................................................................................................................................................................(1)
Practical experience in writing and editing for a school publication. This course may be taken as many as three times, for a total of three hours. Prerequisite and/or corequisite: COM 310 or permission of Instructor. Cross-listed as ENG 321.
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>COM 325</td>
<td>Political Communication</td>
<td>3</td>
</tr>
<tr>
<td>COM 327</td>
<td>Business Communications</td>
<td>3</td>
</tr>
<tr>
<td>COM 329</td>
<td>Public Relations</td>
<td>3</td>
</tr>
<tr>
<td>COM 330</td>
<td>Intermediate Broadcasting</td>
<td>3</td>
</tr>
<tr>
<td>COM 332</td>
<td>Voice and Diction</td>
<td>3</td>
</tr>
<tr>
<td>COM 333</td>
<td>Oral Interpretation</td>
<td>3</td>
</tr>
<tr>
<td>COM 375</td>
<td>Web Design and Development</td>
<td>3</td>
</tr>
<tr>
<td>COM 390</td>
<td>Special Topics</td>
<td>3</td>
</tr>
<tr>
<td>COM 400</td>
<td>Senior Capstone in Communication</td>
<td>3</td>
</tr>
<tr>
<td>COM 425</td>
<td>Advanced Public Speaking</td>
<td>3</td>
</tr>
<tr>
<td>COM 498</td>
<td>Internship in Communication</td>
<td>3-6</td>
</tr>
<tr>
<td>COM 499</td>
<td>Directed Study in Communication</td>
<td>3</td>
</tr>
</tbody>
</table>

This course studies communication as it serves the political system, society, and Americans as individuals. Topics include communication in the governing process and in campaigns, and communication as a way of expressing and reinforcing political values. Specific goals: to understand the roles and functions of communication in American politics, to identify the variables and actors in political communication, and to investigate the roles of the mass media in American politics. **Prerequisites:** ENG 112 or ENG 115 and COM 225. Cross-listed as PLS 325.

A study of the types of communication required to function effectively in the business environment. Students will learn about message strategy, effective business writing including formal report writing and other business correspondence, presentation skills, verbal and nonverbal components of communication, and dyadic and small-group communication. Appropriate computer technology will be incorporated into the course such as use of the Internet, e-mail, etc. **Prerequisites:** CS 101 or higher, ENG 111 or ENG 114, ENG 112 or ENG 115 and COM 225, or permission of the instructor. Cross-listed as BUS 327.

An introduction to the field of public relations. The course provides practice with the duties associated with public relations, including writing press releases, working with publications, and event/promotion planning. **Prerequisites:** ENG 12 or ENG 115. Cross-listed as BUS 490.

This course is an intermediate approach to the principles and practice of collecting, writing, editing and announcing television news stories. Students will build upon the skills learned in COM 230, namely story conceptualization and research, camera techniques, script writing, audio production, and video editing. The course will be a combination of lecture and lab experience with an increased emphasis on journalistic reporting, advanced editing skills, and proficiency with the production requirements for quality programs suitable for airing on broadcast media. **Prerequisite:** COM 130, COM 230, and prerequisite or co-requisite of COM 225.

Principles of effective voice usage. Special emphasis is placed on phonetic and vocal drills and improving voice and diction characteristics. **Prerequisite:** ENG 111 or ENG 114.

A course designed to develop the art of communicating to an audience a work of literature in its intellectual, emotional, and aesthetic aspects through vocal, physical, and psychological performing techniques. Literary forms include prose, poetry, and drama, as well as mixed forms from lecture, recital, reader’s theatre, and chamber theatre. **Prerequisite:** COM 225.

This course will provide students with a foundation for Web site development and will enable them to storyboard, design multimedia Web pages, effectively integrate animation into Web site design, analyze trends and issues in Web design, and utilize the latest Web page editing, Web site maintenance, Web graphics, and Web animation software to enhance Web site design. **Prerequisite:** COM 102 or CS 101 or higher. Cross-listed as BUS 375.

Study of selected topics of interest in the field of communication. The topic may differ each time the course is offered and may be proposed by the instructor or students. This course may be taken for credit any number of times, provided that a different topic is studied each time. **Prerequisites:** COM 225 and ENG 112 or ENG 115. When offered in conjunction with COM 290, students at 390 level will do an extra research paper or project.

The course serves as a capstone course designed to allow student majors or minors in communication to apply their coursework to professional and theoretical issues in communication. It includes in-depth readings in communication journals to gain a broader understanding of the discipline, a survey of employment in related fields, post-graduate study options, and completion and evaluation of student portfolios. **Prerequisites:** COM 220 and COM 301. Open only to Communication majors and minors who have senior standing and have completed 18 hours of communication requirements.

The course will require students to use public speaking in applying the principles of rhetoric to forensics. Students will develop advanced skills in literary presentations and further build confidence for speaking in complex and otherwise difficult situations. There will be increased emphasis on delivery skills and organization of speech content. **Prerequisite:** COM 225.

The course provides a supervised field placement experience for the advanced communication major or minor in an organization, business, or media outlet related to the practice of communication activities. Open only to communication majors or minors, usually in their senior year, after fulfilling most other course requirements. In addition to work at the internship site, students must participate in regular class meetings that are designed to enhance the internship learning experience and strengthen communication skills most relevant to employment and career success. **Prerequisites:** Open only to communication majors or minors who have completed 90 credit hours with a communication GPA of 3.0 or higher, a grade of “A” or better in COM 301, and permission of Instructor.

Directed study in a specific area of communication literature and practice not covered by existing courses within the curriculum. **Prerequisites:** Permission of the Instructor, Division Chair, and Dean of the College of Arts and Sciences.
Computer Science (CS)
The Computer Science program is part of the Division of Mathematics and Natural Sciences. The program in Computer Science combines a liberal arts education in the areas of science and mathematics with a flexible curriculum of courses in computer science. Students will develop an understanding of the concepts and applications of computer systems.

Computer Science Major
Basic program for a baccalaureate degree:

I. Core Requirements.......................................................................................................................................................................................................................................................... 52-60 hours

II. Computer Science Requirements ......................................................................................................................................................................................................................... 38 hours
CS 109 Introduction to Computer Science..........................................................3
CS 221 Object-Oriented Programming.................................................................4
CS 222 Three-Dimensional Programming.........................................................4
CS 330 Machine Organization..............................................................................3
CS 350 Data Structures.......................................................................................3
CS 355 Algorithmic Analysis..............................................................................3
CS 380 Principles of Programming Languages................................................3
CS 480 Senior Project ........................................................................................3
MTH 251 Discrete Mathematics........................................................................3

Select three CS electives (9 hours) from the following:
CS 280 Programming Language Elective..........................................................3
CS 299 Directed Individual Study ......................................................................3
CS 320 Introduction to Numerical Methods......................................................3
CS 360 Database Analysis..................................................................................3
CS 410 Operating Systems................................................................................3
CS 420 Compiler Design....................................................................................3
CS 490 Special Topics.......................................................................................3
CS 499 Directed Study in Computer Science..................................................3

III. Related Studies Requirements ........................................................................ 8 hours
MTH 121 Calculus I............................................................................................4
MTH 222 Calculus II..........................................................................................4

IV. General electives as needed to meet the minimum requirements of 120 semester hours.

Computer Science Minor

Requirements........................................................................................................ 23 hours

CS 109 Introduction to Computer Science..........................................................3
CS 221 Object-Oriented Programming.................................................................4
CS 222 Three-Dimensional Programming.........................................................4
CS 330 Machine Organization..............................................................................3
CS 380 Principles of Programming Languages................................................3
MTH 251 Discrete Mathematics........................................................................3
CS One hour elective at the 300/400 level..........................................................3

Computer Science Course Descriptions

CS 101 Computer Literacy .................................................................................(3)
For students who have no background in computers; this course discusses basic components and terminology of computers and provides hands-on work with a computer operating system, word processing, spreadsheets, and databases. Prerequisites: MTH 098 and RED 098, or placement beyond. Cannot be used toward computer science major or minor. Cannot be taken if student has already passed CS 105 or its equivalent.

CS 105 Intermediate Computers ........................................................................(3)
For students with some background in computers. This course is designed to extend the student’s basic understanding of computers and application software. This can include, but not be limited to, creating more advanced word processing documents, spreadsheets, databases, and presentations suitable for course work, business purposes and personal use. Prerequisites: MTH 098 and RED 098, or placement beyond. Cannot be used toward computer science major or minor.

CS 109 Introduction to Computer Science..........................................................(3)
A breadth-based survey of computer science. Topics to be covered include computer basics, the Internet, history of computers, algorithms and data representation, introductory computer architecture, ethics and computer in society. About half of the course will involve simple programming in a high level language (e.g. JavaScript) Prerequisites: MTH 098 and RED 098, or placement beyond.

CS 112 BASIC.................................................................................................(3)
Programming the computer using the BASIC language. No prior programming knowledge is assumed. Emphasis on problem solving, with useful programs for either mathematical or business applications. Prerequisite or corequisite: MTH 111 or placement beyond. Cannot be used toward Computer Science major or minor.
CS 221  Object-Oriented Programming .................................................................(4)  
An introduction to programming using a high-level object-oriented programming language. Topics will include fundamental data types, flow of control, classes and objects, methods and functions, and inheritance. A structured lab component will provide experience with typical software development tools: editor, compiler/linker, and symbolic debugger. Prerequisite or corequisite: CS 109 (or permission of Instructor for Mathematics majors using CS 221 as their programming elective) and MTH 111 or placement beyond.

CS 222  Three-Dimensional Programming .................................................................(4)  
A continuation of CS 221, with applications aimed at graphical and three dimensional programming. Practices in object-oriented design will be further developed. The structured lab component will provide substantial practice with modern graphical programming tools and increased use of program development tools. Prerequisite: CS 221.

CS 280  Programming Language ...............................................................................(3)  
An in-depth study of a particular programming language such as ADA, C, COBOL, FORTH, FORTRAN, LISP, PROLOG, RPG, Smalltalk, or X-Windows. Frequency of offering and language covered will vary according to demand. May be taken for credit any number of times, provided that a different language is studied, but only 3 credits may be used toward a Computer Science major.

CS 290  Special Topics .................................................................................................(3)  
A study of selected topic of special interest. The topic may differ each time the course is offered and may be proposed by either the instructor or students. This course may be taken for credit any number of times, provided that a different topic is studied each time. Prerequisites: Computer Science major and consent of the Instructor.

CS 299  Directed Individual Study .............................................................................(1-3)  
A student of sophomore status may pursue special studies in computer science based on the interest and needs of the individual. Prerequisite: Permission of the Instructor, Division Chair, and Dean of the College of Arts and Sciences.

CS 320  Introduction to Numerical Methods .............................................................(3)  
Algorithms for the solution of numerical problems implemented on microcomputers; includes discussion of error, polynomial interpolation, solution of nonlinear equations, and numerical integration. Prerequisites: MTH 222 and either CS 112 or CS 221. Cross-listed as MTH 320.

CS 330  Machine Organization....................................................................................(3)  
A survey of the internal architecture and operating principles of digital computers. Prerequisites: CS 109, CS 221, CS 222, and MTH 251

CS 350  Data Structures ..............................................................................................(3)  
A study of structures used for manipulating data, and their efficient creation and processing. File structures and their uses are also covered, as well as an introduction to the study of algorithms. Prerequisites: Grade of “C” or better in CS 222, and MTH 251.

CS 355  Algorithmic Analysis ....................................................................................(3)  
Introduction to techniques to support the design and analysis of algorithms, focusing on both the underlying mathematical theory and practical considerations of efficiency. Topics include asymptotic complexity bounds, techniques of analysis, and an introduction to automata theory and computability theory. Prerequisite: Grade of “C” or better in CS 350.

CS 360  Database Analysis...........................................................................................(3)  
Design, organization and manipulation of data bases, including the design of data items and records. Data base management systems are surveyed and cases are examined in details of data insertion and retrieval. Prerequisite: CS 350.

CS 380  Principles of Programming Languages .......................................................(3)  
Survey of several programming languages: historical, current, special-purpose, and experimental. Emphasis on comparison of language features, implementation techniques, selection of appropriate language for a given application. Prerequisites: CS 221 and CS 222.

CS 410  Operating Systems .......................................................................................(3)  
A study of a selected operating system with respect to scheduling, program initiation, memory allocation, CPU allocation, and input/output control. Prerequisites: CS 330 and CS 350.

CS 420  Compiler Design............................................................................................(3)  
Study of compilers-translators of a high level language to assembly language or machine language. Theory and efficient implementation methods covered. Various types of grammars are discussed. Several components of simple compiler are implemented. Prerequisite: Grade of “C” or better in CS 355.

CS 430  Parallel Programming...................................................................................(3)  
An introduction to parallel processing hardware and programming. Topics will include computer cluster construction and operation, writing simple parallel programs for execution on a computer cluster, and writing multi-threaded programs for execution on a single- or multi-core processor. Prerequisites: CS 222.

CS 480  Senior Project ...............................................................................................(3)  
The capstone course in Computer Science. Class meets for two hours per week at the beginning of the term, then down to once a week (or less often) after midterm. Classroom time is on the study of software engineering; the remainder of the time is for students to develop and write a program of suitable complexity decided upon the student and the professor. Prerequisites: CS 355 and Senior Standing.

CS 490  Special Topics ...............................................................................................(3)  
A study of a selected topic of special interest. The topic may differ each time the course is offered and may be proposed by either the instructor or students. This course may be taken for credit any number of times, provided that a different topic is studied each time. Prerequisites: Junior standing, Computer Science major, and consent of the Instructor.

CS 499  Directed Study in Computer Science ..........................................................(1-3)  
A student of junior or senior status may pursue special studies in the field of computer science. Prerequisites: Permission of the Instructor, Division Chair, and Dean of the College of Arts and Sciences.
Criminal Justice (CJ)
The Criminal Justice Major consists of a core of required courses in Criminal Justice (beyond the General Studies Core). The Criminal Justice Major follows the recommendations of the American Criminal Justice Society and focuses on five specific areas: Law Enforcement, Law, Corrections, Criminology, and Criminal Justice/ juvenile Justice. A Criminal Justice Major must complete 27 credit hours of core requirements. As part of the program a student is also required to complete either a Directed Independent Study or a Practicum/Internship (minimum of 3 hours). The Criminal Justice Major is then able to shape their concentration through 12 credit hours of approved electives. The foundation of the Criminal Justice core, coupled with practicum or research, and concentrated emphasis on related electives, provides a unique and comprehensive bachelor’s degree program. The Criminal Justice program would prepare students for a variety of professional settings, including State and Federal law enforcement, corrections, courts, chemical dependency and substance abuse counseling, research, pre-law, and graduate studies in Criminal Justice and related disciplines.

Criminal Justice Major
Basic program for a baccalaureate degree:

I. Core Requirements .......................................................................................................................................................................................... 52-60 hours

II. Criminal Justice Core Requirements .......................................................................................................................................................... 27 hours

CJ 152 Introduction to Criminal Justice ............................................................................................................................................... 3
CJ 272 The Law of Criminal Process and Criminal Procedure ......................................................................................................................... 3
CJ 273 Police Practice and Procedures

or

CJ 283 Corrections .......................................................................................................................................................................................... 3
CJ 285 Statistics for the Social Sciences ........................................................................................................................................ 3
CJ 452 Interdisciplinary Commons in Law, Justice, and Society ............................................................................................................. 3
CJ 472 The Law of Criminal Justice ......................................................................................................................................................... 3
SOC 271 Criminology .................................................................................................................................................................................. 3
SOC 310 Research Methods ........................................................................................................................................................................... 3

III. Practicum or Directed Independent Study .................................................................................................................................................. 3 hours

SOC 498 Practicum

or

CJ 499 Independent Study in Criminal Justice ........................................................................................................................................... 3

IV. Elective Requirements for the Major ........................................................................................................................................................... 12 hours

Select 12 hours from the following list. No more than 3 hours of Special Topics can be used to meet the Criminal Justice Major requirements.

CJ 274 Community Policing ................................................................................................................................................................. 3
CJ 290 Special Topics in Criminal Justice ....................................................................................................................................................... 3
CJ 360 Domestic Violence in America ............................................................................................................................................................. 3
CJ 370 Substance Abuse .................................................................................................................................................................................. 3
CJ 375 Investigative Function in Law Enforcement .................................................................................................................................... 3
CJ 384 Community Based Corrections .................................................................................................................................................................. 3
CJ 385 Correctional Operations ...................................................................................................................................................................... 3
CJ 480 Community Justice Systems: Restorative Justice .................................................................................................................................. 3
CJ 490 Special Topics in Criminal Justice .................................................................................................................................................... 3
COM 303 Interpersonal Communication ......................................................................................................................................................... 3
PSY 323 Abnormal Psychology ........................................................................................................................................................................... 3
REL 332 Islam .................................................................................................................................................................................................. 3
SOC 153 Introduction to the Juvenile Justice System ..................................................................................................................................... 3
SOC 355 Deviant Behavior ................................................................................................................................................................................ 3
SOC 393 Racial and Ethnic Cultural Groups ....................................................................................................................................................... 3

V. General electives as needed to meet the minimum requirements of 120 semester hours.

Criminal Justice Minor
Requirements........................................................................................................................................................................................................... 21 hours

CJ 152 Introduction to Criminal Justice ..................................................................................................................................................... 3
CJ 273 Police Practices and Procedures...................................................................................................................................................... 3
CJ 283 Corrections .................................................................................................................................................................................................. 3
CJ 472 The Law of Criminal Justice ................................................................................................................................................................. 3
SOC 271 Criminology .......................................................................................................................................................................................... 3
Select 6 hours from the following list (only 3 hours of Special Topics courses can be used to meet the Criminal Justice minor requirements.)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>CJ 274</td>
<td>Community Policing</td>
<td>3</td>
</tr>
<tr>
<td>CJ 290</td>
<td>Special Topics in Criminal Justice</td>
<td>3</td>
</tr>
<tr>
<td>CJ 360</td>
<td>Domestic Violence in America</td>
<td>3</td>
</tr>
<tr>
<td>CJ 370</td>
<td>Substance Abuse</td>
<td>3</td>
</tr>
<tr>
<td>CJ 375</td>
<td>Investigative Function in Law Enforcement</td>
<td>3</td>
</tr>
<tr>
<td>CJ 384</td>
<td>Community Based Corrections</td>
<td>3</td>
</tr>
<tr>
<td>CJ 480</td>
<td>Community Justice Systems: Restorative Justice</td>
<td>3</td>
</tr>
<tr>
<td>CJ 490</td>
<td>Special Topics in Criminal Justice</td>
<td>3</td>
</tr>
<tr>
<td>REL 332</td>
<td>Islam</td>
<td>3</td>
</tr>
<tr>
<td>SOC 153</td>
<td>Introduction to the Juvenile System</td>
<td>3</td>
</tr>
<tr>
<td>SOC 310</td>
<td>Research Methods</td>
<td>3</td>
</tr>
<tr>
<td>SOC 355</td>
<td>Deviant Behavior</td>
<td>3</td>
</tr>
</tbody>
</table>

**Associate Degree in Criminal Justice**

Basic Program for an Associate Science Degree:

I. Core Requirements ............................................................................................................................................................................ 30 hours

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>COM 225</td>
<td>Public Speaking</td>
<td>3</td>
</tr>
<tr>
<td>CS 101</td>
<td>Computer Literacy</td>
<td>or</td>
</tr>
<tr>
<td>CS 105</td>
<td>Intermediate Computers</td>
<td>3</td>
</tr>
<tr>
<td>ENG 111</td>
<td>Composition I</td>
<td>or</td>
</tr>
<tr>
<td>ENG 114</td>
<td>Honors Composition I</td>
<td>3</td>
</tr>
<tr>
<td>ENG 112</td>
<td>Composition II</td>
<td>or</td>
</tr>
<tr>
<td>ENG 115</td>
<td>Honors Composition II</td>
<td>3</td>
</tr>
<tr>
<td>MTH 111</td>
<td>Algebra for College Students (or higher)</td>
<td>3</td>
</tr>
<tr>
<td>PSY 110</td>
<td>General Psychology</td>
<td>3</td>
</tr>
<tr>
<td>REL 213</td>
<td>Old Testament</td>
<td>or</td>
</tr>
<tr>
<td>REL 214</td>
<td>New Testament</td>
<td>3</td>
</tr>
<tr>
<td>SOC 119</td>
<td>Introduction to Sociology</td>
<td>3</td>
</tr>
<tr>
<td>Electives</td>
<td>General Electives</td>
<td>6</td>
</tr>
</tbody>
</table>

II. Criminal Justice Requirements .......................................................................................................................................................... 34 hours

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>CJ 152</td>
<td>Introduction to the Criminal Justice System</td>
<td>3</td>
</tr>
<tr>
<td>CJ 272</td>
<td>Law of Criminal Process and Procedure</td>
<td>3</td>
</tr>
<tr>
<td>CJ 273</td>
<td>Police Practices and Procedures</td>
<td>or</td>
</tr>
<tr>
<td>CJ 283</td>
<td>Corrections</td>
<td>3</td>
</tr>
<tr>
<td>CJ 274</td>
<td>Community Policing</td>
<td>3</td>
</tr>
<tr>
<td>CJ 384</td>
<td>Community Based Corrections</td>
<td>3</td>
</tr>
<tr>
<td>CJ 280</td>
<td>Ethical Practice in CJ Management</td>
<td>3</td>
</tr>
<tr>
<td>CJ 480</td>
<td>Community Justice Systems: Restorative Justice</td>
<td>3</td>
</tr>
<tr>
<td>SOC 153</td>
<td>Introduction to the Juvenile Justice System</td>
<td>3</td>
</tr>
<tr>
<td>SOC 271</td>
<td>Criminology</td>
<td>3</td>
</tr>
<tr>
<td>SOC 498</td>
<td>Practicum</td>
<td>3</td>
</tr>
<tr>
<td>CJ Electives</td>
<td>General Electives</td>
<td>7</td>
</tr>
</tbody>
</table>

**Criminal Justice Course Descriptions**

**CJ 152 Introduction to the Criminal Justice System** .............................................................................................................................................. (3)

A study of the agencies, institutions, and processes of the American criminal justice system-legislature, police, attorneys, courts and corrections; the nature and extent of crime; legal defenses and the limits of the law; constitutional and procedural considerations affecting arrest, search and seizure; cases and materials affecting criminal law, prosecution, defense, and the sentencing and sanctioning process in the control of criminal behavior.

**CJ 199 Professional Portfolio** .................................................................................................................................................. (1)

This course is designed and administered much as a directed study and is intended to enhance the advising process. In one-on-one sessions with the faculty advisor, the student will test his/her affinity for careers in criminal justice, test oneself in critical reasoning and writing skills and be introduced to research resources in the discipline; students will explore advanced placement via CLEP and portfolio development based on professional experiences. Portfolio assessment (of up to 15 academic hours credit) may be conducted by qualified University of Pikeville faculty or may be conducted by nationally accredited external agencies. (A fee may be required for this service). A second thrust of this course in professional preparation will provide opportunity to examine research and career interests anticipating the completion of one’s academic career, initiating a professional job search, and preparation for the Senior Comprehensive Examination.
CJ 272  Law of Criminal Process and Procedure ...................................................................................................................................................... (3)
This course will focus on that limited scope of constitutional law which governs the operation of the criminal justice system and places constraints on the behaviors of criminal justice professionals; exploration of decisions of the United States Supreme Court constructed from the court’s interpretation of the First, Fourth, Fifth, Sixth, Eighth, and Fourteenth Amendments to the Constitution of the United States; examination of legal, ethical, and operational implications for managers in the criminal justice system. Particular attention given to the efforts to derive constitutional principles from those decisions as they affect the exigencies of police practice and correctional administration.

CJ 273  Police Practices and Procedures.............................................................................................................................................................. (3)
An overview of the organization and operations of law enforcement agencies, and their line, staff, and auxiliary functions. Focus shared between the police as a formal organization in patrol and investigative operations, and the role given law enforcement in the relationship of communal security and consent to governmental authority. Primary attention given to law enforcement ethics and professionalism, with some scenario-based instruction to illustrate these critical factors in law enforcement.

CJ 274  Community Policing.................................................................................................................................................................................. (3)
Examines the major concepts and problems involved in the widely-recognized shift in the operations of modern law enforcement. The course will examine the origins, continuing development, and experiences and record of community policing; a review of research and analysis of the advantages and disadvantages of community policing.

CJ 280  Ethical Practice in Criminal Justice Management ................................................................................................................................. (3)
This course will develop a theoretical base for the examination of criminal justice practice and management in terms of its legality, morality, and ethical values; the primary method of instruction will be case-analysis of such topics as the behavior of police in a democratic society, theories of punishment and the rights of prisoners, the regulation of the behaviors of the officers of the court, and the significance of the rule of law for all criminal justice managers.

CJ 283  Corrections ........................................................................................................................................................................................................ (3)
Following an historical exploration of the correctional efforts in human societies and the more recent reforms of the American prison movement, this course will direct its study to six major areas: sentencing strategies and punishment rationale in democratic societies, the philosophy and effectiveness of treatment and rehabilitation, individual adjustment and social organization in both male and female prisons, constitutional sources and remedies in addressing prisoners’ rights, the professionalization of correctional professionals and emerging alternatives to incarceration.

CJ 285  Statistics for the Social Sciences ................................................................................................................................................................. (3)
This course will examine both descriptive (e.g. distributions, central tendency, variability, graphic representations) and inferential (e.g. t-tests, Analysis of Variance) statistics within the context of the social sciences. Emphasis will be placed on understanding the conditions that call for the use of one test over another. Students will be exposed to theory as well as to hands-on application through computer statistics packages such as SPSS. Prerequisites: CJ 152, PSY 110 or SOC 119 and MTH 111 or higher. Cross-listed as PSY 285 and SOC 285.

CJ 290  Special Topics in Criminal Justice............................................................................................................................................................... (1-3)
By special arrangement with a faculty member in the major, students may pursue the directed study of course materials already listed in the college catalog. Interdisciplinary study is encouraged. This option is available to majors of upper level standing. Repeatable.

CJ 355  Deviant Behavior ....................................................................................................................................................................................... (3)
The course begins with an overview of sociological theories of deviance which attempt to define the sociological significance of deviant behavior. Social conditions and processes associated with careers of deviants will be explored, as well as the relationship of deviancy to problems of social control. Offering a more complex way of understanding and defining deviance in relation to social expectations, substantive readings and selected media will offer examples of the nature of deviant behavior. Prerequisite: CJ 152 or PSY 110 or SOC 119. Cross-listed as SOC 355.

CJ 360  Domestic Violence in America ................................................................................................................................................................. (3)
The purpose of this is to inquire into the phenomenon of family violence. In order to most effectively respond to individuals experiencing domestic violence, students will be given a framework for an understanding of family violence by reviewing the theories, definitions, causes and issues related to victims and perpetrators of domestic violence. Topics will include the exploration of social, personal, and policy implications of various types of domestic violence, including, but not limited to spousal violence, stalking, domestic violence in the work place, sexual abuse, and issues related to the abused elderly. Prerequisite: CJ 152 or PSY 110 or SOC 119. Cross-listed as SOC 360.

CJ 370  Substance Abuse ......................................................................................................................................................................................... (3)
This course covers historical and theoretical perspectives on addictive behavior and the genetic, familial, and socio-cultural influences on addiction. Topics include addictions to eating, gambling, alcohol, drugs, relationships, work, and sex. Course includes debate on the so-called 12 Step programs and participation in local addiction support groups. Upon completion, students should be able to demonstrate knowledge of the theories of addiction and the factors underlying addictive behaviors. Prerequisite: Sophomore standing or consent of the Instructor.

CJ 375  Investigative Function in Law Enforcement .................................................................................................................................................. (3)
This is an introduction to criminal investigation in the field. Attention is given to police conduct at the crime scene, interrogation and interviews with suspects and witnesses, the development of informants, and surveillance techniques. Particular focus on special techniques appropriate to special kinds of investigation. Strong emphasis on preparation for trial, report writing, and the professional role of law enforcement in testimony. Prerequisite: CJ 273 or permission of the Instructor.

CJ 380  Integrative Studies in Criminal Justice ............................................................................................................................................................ (1-3)
Interdisciplinary in nature, these studies of management, institutional, philosophical and research concerns in the criminal justice system will provide opportunity to explore selected system-wide problems and topics from the perspectives of professionals from the full range of the liberal arts and social sciences, as well as other public services professionals. Options include Addictive Behaviors, Dangerous and Deviant Offenders, Family Violence, Forensic Anthropology, Forensic Psychology, Crisis Intervention, Critical Incident Management, Women in the Criminal Justice System. Repeatable.
CJ 383 Case Management Methods ............................................................................................................................................................... (3)
Introduction to the theoretical bases and practices of treatment and delivery of services in a correctional setting. After exploring the organization of various types of correctional institutions, including the relationships among custody, treatment, security and control, maintenance, and other routine operations, the course will explore correctional programs designed to rehabilitate offenders. It will also include study of treatment models and development of treatment plans, therapeutic modalities, and community-based initiatives, including family intervention, counseling, self-help programs, diversion, community-based services and others. Prerequisites: CJ 283, Sophomore standing or above, or permission of the Instructor.

CJ 384 Community-Based Corrections ............................................................................................................................................................ (3)
Problems of work-release and school-release programs for institutional inmates; administration of halfway houses; nonresidential programs for probationers, parolees, and drug abusers; assessment of the effectiveness and the purposes of the "community-based correctional facility" in contemporary corrections. Prerequisite: CJ 283, Sophomore standing, or permission of the Instructor.

CJ 385 Correctional Operations ................................................................................................................................................................. (3)
Basic organizational and managerial objectives of a department of correction. Attention is given to specific administrative principles required for the effective management and operations in a correctional organization. Framework of the course will be an examination of the relationships among the institutional units of custody and treatment, and of the clerical, maintenance, and culinary staff. Exploration of current issues will be a focus, including legal issues, union organizations, staff development, and political and community relations. Prerequisite: CJ 283 or permission of the Instructor.

CJ 390 Special Topics in Criminal Justice ....................................................................................................................................................... (1-3)
By special arrangement with a faculty member in the major, students may pursue the directed study of course materials already listed in the college catalog. Interdisciplinary study is encouraged. This option is available to majors of upper level standing. This course may be taken for credit any number of times, provided that a different topic is studied each time. Prerequisite: By permission of the Instructor(s). Repeatable.

CJ 452 Interdisciplinary Commons in Law, Justice, and Society .................................................................................................................. (3)
This "capstone" course will examine the cultural resources that have shaped and continue to provide alternatives to the criminal justice system: analysis of policy roles of the institutions of the criminal justice system within the framework of the functions of the law in American society. This inter-disciplinary course attempts to construct a philosophical basis and institutional identity for the entire major. Prerequisite: Senior standing or permission of the Instructor. Cross-listed as PSY 452 and SOC 452.

CJ 472 The Law of Criminal Justice ......................................................................................................................................................... (3)
Viewing the criminal law as an instrument of social control, an extensive analysis will explore the broad range of legal principles bringing a criminal case: justification, attempt, conspiracy, parties to crime, ignorance and mistake, immaturity, insanity, and intoxication. Some consideration is given to rules of evidence in criminal cases. An exploration of the law of homicide is undertaken as a device to test the rules by which the law is applied. The common law, selected statutes of Kentucky and of representative states, and what the function of law is in society are studied. Prerequisite: Sophomore standing or permission of the Instructor.

CJ 475 Social Psychology of the Criminal Mind ............................................................................................................................................ (3)
This course explores the costs of destructive thinking patterns and the possibility for change. An honest investigation into the key role that thoughts play in our actions, a few social-psychological perspectives of criminal behavior are presented. Through a self-conscious approach, the student will have the opportunity to participate in small groups, develop the ability to identify irresponsible thinking, and engage an inmate in a local facility about his thinking errors. Prerequisite: CJ 152 or PSY 110 or SOC 119. Cross-listed as PSY 475.

CJ 480 Community Justice Systems: Restorative Justice ...................................................................................................................... (3)
Comparative analysis of legal institutions and lawmaking processes in traditional, developing and developed societies. Explores the historical, social and philosophical sources in the contemporary resurgence of extra-legal methods of negotiation, mediation and alternative dispute resolution (ADR) in selected cultures and institutional settings. Comparison of potential uses of ADR to advocacy processes. The dynamics of ADR are explored in a variety of classroom techniques, attempting to develop skills and evaluation methods. Examines the processing of crime victims and the new status of victims in the criminal justice system; evaluates the proposed constitutional amendment advancing "victim rights." Prerequisite: Junior standing or permission of the Instructor.

CJ 490 Special Topics in Criminal Justice ....................................................................................................................................................... (1-3)
By special arrangement with a faculty member in the major, students may pursue the directed study of course materials already listed in the college catalog. Interdisciplinary study is encouraged. This option is available to majors of upper level standing. Prerequisite: By permission of the Instructor(s). Repeatable.

CJ 499 Independent Study in Criminal Justice ............................................................................................................................................... (1-3)
A program of reading and reporting planned and carried out under the guidance of a faculty member in the major. The topic, issue or area of student interest must concern a problem in criminal justice not routinely available in the college catalog. Interdisciplinary study is encouraged. This option is available to majors of all disciplines of upper level standing. Prerequisite: By permission of instructor(s) upon approval of student-generated proposal.

Developmental Studies Program
This program provides underprepared students with every opportunity to succeed in college. Centralized in design, the Program allows for maximum faculty collaboration and student/faculty discourse in addition to offering students a supportive and comfortable environment in which to excel. The two-semester, four-day-a-week course design enables progress from foundational level skills to college readiness skills. Collaboration with general education faculty, combined with research-based teaching methods and supplemental academic support, will facilitate increases in student persistence and culminate in higher graduation rates for program completers. The program policies are as follows:

Placement: Initial placement in Developmental Studies classes is based on ACT examination results and is mandatory if the student’s subscore falls below specified levels (See Basic Skills Course Placement). Students who are placed in a Developmental Studies course will be
retested on the first day of classes to confirm placement. Students will only be allowed to take the placement exam once. Contact the Developmental Studies Program office for details on placement testing.

Students who have completed the appropriate Developmental/Basic Skills required courses at other institutions with a grade of “C” or better will not be placed in Developmental Studies courses.

Students transferring to the University of Pikeville with college-level English credits comparable to the University of Pikeville’s introductory level courses will not be required to take Developmental ENG or RED courses. Students transferring to the University of Pikeville with college-level mathematics credits comparable to the University of Pikeville’s introductory level courses will not be required to take Developmental MTH courses.

**Enrollment Limits:** Students enrolled in two or more Developmental Studies courses are limited to a maximum course load of 14 hours per semester. Developmental Studies courses may NOT be taken as electives by students who have placed in or completed higher level courses.

**Withdrawal Policy:** Withdrawal from Developmental Studies courses is not allowed unless the student is withdrawing from the institution (i.e. withdrawing from all course work). A student may petition to withdraw from individual Developmental Studies courses under extenuating circumstances. Petitions must be approved by both the Director of the Developmental Studies Program and the Dean of the College of Arts and Sciences.

**Grading Policy and Repeat Course Policy:** Program will adhere to the grading scale of the institution. A grade of “C” or better is required to progress out of any Developmental Studies courses. A student who receives a grade below “C” has the option of repeating the course one time for credit. Students who do not successfully complete their required Developmental Studies courses in two attempts will be asked to leave the University. Students who earn a D, F, WF, or Q in a Developmental Studies course may not use placement exam results to continue to the next course.

**GPA and Graduation Requirements:** Semester hours earned in Developmental Studies courses are used for computing the University of Pikeville grade point average (GPA) and for determining athletic eligibility and financial aid awards but may not be used to satisfy the semester hour requirement for graduation with an Associate or Baccalaureate degree.

## Developmental Studies Course Descriptions

**ENG 098  Foundations of Writing I** ................................................................. (3)
In this course students will develop foundational writing skills at the sentence and paragraph levels with an emphasis on grammar, punctuation, and mechanics. The course consists of four hours lecture and structured laboratory each week and is designed to prepare the student for ENG 099.

**ENG 099  Foundations of Writing II** ............................................................. (3)
In this course students will develop foundational writing skills at the paragraph and beginning short essay levels that incorporate a review of grammar, punctuation, mechanics, and format. The course consists of four hours of lecture and structured laboratory each week. Prerequisite: Grade of “C” or better in ENG 098 or placement by examination.

**MTH 098  Fundamentals of Mathematics** .................................................. (3)
In this course students will develop the basic numeration and computation skills needed for more complex mathematics. Topics may include the basic arithmetic functions and their application to integers, whole, and rational numbers. The course consists of four hours of lecture and structured laboratory each week.

**MTH 099  Beginning Algebra** ................................................................. (3)
In this course students will develop the basic algebraic concepts needed to express quantities using symbols and to rearrange these expressions to find unknown values. Topics range from equations and inequalities to polynomial factoring and will include practical applications. The course consists of four hours of lecture and structured laboratory each week. Prerequisite: Grade of “C” or better in MTH 098 or placement by examination.

**RED 098  Reading and Study Skills I** ......................................................... (3)
In this course students will develop word recognition and reading skills that are essential for sound comprehension. The course consists of four hours of lecture and structured laboratory each week.

**RED 099  Reading and Study Skills II** ......................................................... (3)
In this course students will review word recognition and reading skills essential for sound comprehension and develop more advanced and critical reading skills along with basic study and note-taking skills. The course consists of four hours of lecture and structured laboratory each week. Prerequisite: Grade of “C” or better in RED 098 or placement by examination.
Earth Science (ES)
Courses in earth science are offered under the Division of Mathematics and Natural Sciences. Introductory and advanced courses may be used to fulfill the laboratory science core requirement or to fulfill requirements for science teaching majors.

Earth Science Course Descriptions
ES 107  Introduction to Earth Science .................................................................(3)
A lecture course focusing on the various aspects of earth science. Topics emphasize the physical environment and may include rocks and minerals, the structure of the earth, plate tectonics, geological history, and the development of landforms. Prerequisite: MTH 099 or placement beyond. Corequisite: ES 108.

ES 108  Introduction to Earth Science Laboratory .....................................................(1)
Laboratory to accompany the Introduction to Earth Science lecture. The class will meet for two hours each week. Corequisite: ES 107.

ES 208  Advanced Topics in Earth Science .........................................................(4)
The course will focus on the interaction between the atmosphere, hydrosphere and lithosphere. Topics may include atmospheric structure and circulation, clouds and precipitation, the hydrologic cycle, oceanography, planetary geology, and the earth as a system. The course involves three hours of lecture and two hours of laboratory per week. Prerequisites: ES 107 and ES 108.

ES 290  Special Topics .......................................................................................(1-4)
Study of a selected topic of special interest. The topic may differ each time the course is offered and may be proposed by either the instructor or the students. This course may be taken for credit any number of times, provided that a different topic is studied each time. Prerequisite: Consent of the Instructor.

ES 490  Special Topics ......................................................................................(1-4)
Study of a selected topic of special interest. The topic may differ each time the course is offered and may be proposed by either the instructor or the students. This course may be taken for credit any number of times, provided that a different topic is studied each time. Prerequisite: Consent of the Instructor.

Economics (ECN)
The Economics program is part of the Division of Business and Economics. Courses in this area are an intrinsic part of the program in business. A background in economics also is required for those students seeking to teach social studies in the secondary school environment.

Economics Course Descriptions
ECN 201  Principles of Economics I .................................................................(3)
Overview of economics, concepts, and institutions; emphasis on the accounting, analytical, and policy aspects of national income and product, as well as public finance, money and banking, and international trade.

ECN 202  Principles of Economics II .................................................................(3)
Theories of production, determination of prices, and distribution of income in regulated and unregulated industries. Attention is given to problems of industrial relations, monopolies, and to comparative economic systems. Prerequisite: ECN 201.

Education (EDU)
The Education programs are part of the Division of Education. The organizing theme which undergirds and guides all the professional education programs at the University of Pikeville is “Effective teachers enable ALL students to learn.” To be able to make reflective analytical decisions that will enable all students to learn, teachers need appropriate knowledge, skills and dispositions. All students who seek teacher certification must apply for admission to the University of Pikeville Teacher Education Program. The application is normally submitted to the Division of Education during the second semester of the junior year. Application submission deadline for fall admission is July 1.

Students seeking elementary, middle grades or secondary certification who do not have a baccalaureate degree from a regionally accredited institution must fulfill all graduation requirements of the University and the requirements for the specific certification area desired. Certification requirements are subject to change based on guidelines published by the Education Professional Standards Board and changes made by the University of Pikeville. Specific requirements for all certification programs may be obtained from the Division of Education.

Admission to the University of Pikeville does not guarantee admission to the Teacher Education Program and admission to the Teacher Education Program does not insure automatic admission to the University of Pikeville Student Teaching Program.

Criteria for Admission to the Teacher Education Program
The following criteria have been established for admission to any University of Pikeville Teacher Education Program. (See the University of Pikeville Teacher Education Program Continuous Assessment Plan for further explanation of the criteria.)
1.  The applicant must be enrolled at the University of Pikeville.
2.  The applicant must submit a formal application for admission to the Division of Education with an attached copy of an ACT of 21 composite (or higher), or Kentucky required passing scores on Pre-Professional Skills Test (PPST) in reading, writing, and mathematics. Applications must be submitted no later than July 1 to be considered for fall admission.
3. The applicant must have an overall non-rounded grade point average of 2.50 or higher at the University of Pikeville.
4. The applicant must have completed all required courses in specialization knowledge with a minimum GPA of 2.50 and no grade lower than a “C”.
5. The applicant must have completed all required EDU 200-300 level courses in education with a minimum GPA of 2.50 and no grade lower than a “C”.
6. The applicant must demonstrate competency in basic literacy skills by
   a. obtaining a minimum composite score of 21 on the American College Test (ACT) or Kentucky required passing scores on Pre-Professional Skills Test (PPST) in reading, writing, and mathematics.
   b. completing all required courses in general knowledge with a minimum GPA of 2.50.
   c. completing each of the following courses with a grade of “C” or better: ENG 111 or 114, ENG 112 or 115, COM 225, MTH 111 or higher, and EDU 205.
7. The applicant must demonstrate a current and sufficient specialization knowledge of certified content area(s) by earning Kentucky’s passing scores on PRAXIS II: Subject Assessments/Specialty Area Test(s).
8. The applicant must match each Kentucky Teacher Standard and the University of Pikeville’s Teacher Standard with an appropriate graphic in a candidate assessment notebook (CAN) that earns a 2 or better on each standard.
9. The applicant must demonstrate, in a Standards Identification Interview, knowledge of the Kentucky Teacher Standards and the University of Pikeville’s Teacher Standard by earning a 2 or better on each standard.
10. The applicant must demonstrate knowledge of the use of technology by matching an appropriate graphic with KTS 6, the Technology Standard, that earns a 2 or better on and earn a 2 or better on KTS 6, the Technology Standard, in a Standards Identification Interview.
11. The applicant must demonstrate entry level professional knowledge of foundations by earning a 2 or better on each section of the Professional Knowledge of Foundations Interview.
12. The applicant must demonstrate an awareness of the professional dispositions identified by the program, which are related to diversity, by selecting the desired response for each professional disposition with 80% accuracy on the Dispositions Assessment Survey.
13. The applicant must have satisfactorily completed Phase A of Clinical Experience by completing the required number of targeted observation hours, and documenting contact with students from appropriate diverse demographic groups.
14. The applicant must have on file in the Education Division office a current Federal Criminal Background Report. This report must not show any convictions that would disallow the applicant from serving as an employee in the school district where he/she will be placed for Clinical I.
15. The applicant must have three positive recommendations on file with the Division of Education.
16. The applicant must review and sign a declaration to uphold the Professional Code of Ethics for Kentucky School Personnel.
17. The applicant must submit a completed and signed Personal and Professional Fitness Form.
18. The applicant must sign a declaration acknowledging awareness of information required for certification in the state of Kentucky.
19. The applicant must present evidence of liability insurance by presenting current membership in KEA-SP or another organization that provides comparable insurance.
20. The applicant must keep the address, phone number, level of certification, area of specialization, and other changeable information up-to-date in the Education Office.
21. The applicant must be admitted by the Teacher Education Committee which has representation from the University and public school system.

NOTE: Those students who plan to major in education but fail to meet any of the above admission criteria are informed of the missing components. These students should check with the Chair of the Education Division and their advisor(s) for assistance. Tutorial assistance, along with other academic support services, is provided for students wishing assistance of this type. If applicant does not demonstrate a current and sufficient specialization knowledge of certified content area(s) by earning Kentucky’s passing scores on Praxis II: Subject Assessments/Specialty Area Test(s), the applicant will meet with his/her academic advisor or the Director of Education to prepare an action plan. Most plans involve scheduling a regular time to meet with an education faculty member or the person in charge of Praxis review sessions.

Transfer Students
Transfer students must attend the University of Pikeville for at least one full semester and earn at least twelve semester hours of credit before applying for admission to the Teacher Education Program. They must then meet the above stated criteria to be admitted. EDU 100 – Introduction to Education as a Profession, EDU 328 – Education in Kentucky and all 400 level education courses must be completed at the University of Pikeville.
Post-Baccalaureate Students
Students who have completed a baccalaureate degree from a regionally accredited institution and wish to become certified teachers should meet with the University of Pikeville’s Certification Officer who will advise them individually.

*Criteria for admission to any Teacher Education Program is subject to institutional and state requirement changes*

Admission to any Teacher Education Program
Applications for admission to any Teacher Education Program at the University of Pikeville are due in the Education Office, Administration 220, no later than July 1. When a candidate applies for admission, he/she will have until the end of the last summer term of the academic year of the application submission to complete all admission criteria. In August of each year the Division will make recommendations to the Teacher Education Committee (TEC) concerning the admission status of each candidate. (See Teacher Education Handbook for further information).

Enrollment in Upper Division Professional Courses
Admission to the Teacher Education Program is required for enrollment in upper level professional education courses. They include professional education courses with numbers 400 or above. Students also need to note that all 400 level education courses must be taken at the University of Pikeville.

Description of Basic Programs
The University of Pikeville has a variety of teaching majors leading to either the Bachelor of Science degree or the Bachelor of Arts degree. Candidates who seek to be recommended for a teaching certificate must, after having met specific requirements, be accepted into the Teacher Education Program in order to complete required courses and be accepted into the Student Teaching Program to complete a student teaching assignment.

The Teacher Education Programs at the University of Pikeville are accredited by Kentucky’s Education Professional Standards Board, which uses the standards of the National Council for the Accreditation of Teacher Education (NCATE) for evaluation purposes. Requirements for each teaching area at the University of Pikeville are in compliance with the Education Professional Standards Board certification guidelines and are subject to change.

The University of Pikeville Division of Education offers teacher preparation programs in the following areas:
1. Elementary Education: A candidate who completes a program in elementary education will be prepared to teach in primary through fifth grade in Kentucky. Candidates are required to complete courses in general knowledge, specialization knowledge, and professional knowledge.
2. Middle Grades Education: A candidate who completes a program in middle grades education will be prepared to teach in grades five through nine in Kentucky. Candidates are required to complete courses in general knowledge; specialization knowledge, in one or two teaching fields; and professional knowledge.
3. Secondary Education: A candidate who completes a program in secondary education will be prepared to teach in grades eight through twelve in Kentucky. Candidates are required to complete courses in general knowledge, specialization knowledge in one of the following areas: (1) biology; (2) chemistry; (3) English; (4) mathematics; or (5) social studies, and professional knowledge.

Admission Criteria For Student Teaching
During the semester prior to student teaching, the candidate must apply for admission to the University of Pikeville Student Teaching Program. The candidate must have already been admitted to the University of Pikeville Teacher Education Program and must meet the criteria listed below. (See the University of Pikeville’s Teacher Education Program Continuous Assessment Plan for further explanation of the criteria.

1. The candidate must submit a formal application for admission to the University of Pikeville’s Student Teaching Program by January 2 of the semester candidate plans to do student teaching.
2. The candidate must satisfactorily complete all prerequisites to student teaching.
3. The candidate must have a minimum overall non-rounded grade point average of 2.50 based on all work completed at the University of Pikeville.
4. The candidate must have completed all Education courses (with the exception of student teaching) with a 2.50 and no grade lower than a “C”* (all completed coursework must be on file in registrar’s office).
5. The candidate must have completed all required courses in general knowledge with a minimum GPA of 2.50. (All completed coursework must be on file in registrar’s office).
6. The candidate must have completed all required courses in specialization knowledge with a minimum GPA of 2.50 and no grade lower than a “C.” (All completed coursework must be on file in registrar’s office).
7. The candidate must demonstrate professional knowledge by earning Kentucky’s passing scores on Praxis II: Principles of Learning and Teaching Test(s).*
8. The candidate must have satisfactorily completed Phase B of Clinical Experience by earning a grade of “C” or better in Clinical I.
9. The candidate must successfully demonstrate an awareness of appropriate instructional strategies by earning a score of 3 or better on each item of the Instructional Strategies Assessment at the end of Clinical I.

10. The candidate must successfully demonstrate understanding of Kentucky Teacher Standards and the University of Pikeville Teacher Standard by earning a score of “2” or better on each standard on the oral assessment.

11. The candidate must successfully demonstrate understanding of Kentucky’s Teacher Standards and the University of Pikeville’s Teacher Standard by earning a score of “2” or better on each standard on the written assessment.

12. The candidate must demonstrate understanding of KTS 6, the Technology Standard, by earning a score of 2 or better on the written and oral assessments.

13. The candidate must demonstrate compliance with the University of Pikeville’s professional dispositions which are related to diversity, by earning a score of “2” or higher on each disposition interview question.

14. The candidate must submit a valid and current physical examination report including tuberculin test;

15. The candidate must review and sign a declaration to continue to uphold the Professional Code of Ethics for Kentucky School Personnel defined in 704 KAR 20:680.

16. The candidate must submit Personal and Professional Fitness Form completed and signed.

17. The candidate must have on file in the Education Division office a current federal Criminal Background Report. This report must not show any convictions that would disallow the candidate from serving as an employee in the school district where he/she will be placed for student teaching.

18. The candidate must keep address, phone number, level of certification, area of specialization and other changeable information including any criminal status changes up-to-date in the Education Office.

19. The candidate must present evidence of liability insurance by presenting current membership in KEA-SP or another organization that provides comparable insurance.

20. The candidate must be formally approved for admission to the University of Pikeville Student Teaching Program by the Teacher Education Committee.

*If a candidate does not earn a passing score on the Praxis II: Principles of Learning and Teaching Test(s) (PLT), the candidate will meet with the Instructor of EDU 403 Students as Learners, to develop an action plan for review for the PLT. The instructor of EDU 403 Students as Learners will tell the candidate when she/he is ready to take the exam again.

*Criteria for admission to the Student Teaching Program at the University of Pikeville is subject to institutional and state requirement changes.

### Elementary Education

A candidate who completes a program in elementary education will be prepared to teach in primary through fifth grade in Kentucky. Candidates are required to complete courses in general knowledge, specialization knowledge, and professional knowledge.

#### I. General Knowledge

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIO 102</td>
<td>Introduction to Biology</td>
<td>4</td>
</tr>
<tr>
<td>COM 225</td>
<td>Fundamentals of Public Speaking</td>
<td>3</td>
</tr>
<tr>
<td>ECN 201</td>
<td>Principles of Economics</td>
<td>3</td>
</tr>
<tr>
<td>EDU 200</td>
<td>Health and Safety for the Classroom Teacher</td>
<td>3</td>
</tr>
<tr>
<td>EDU 201</td>
<td>Literature for Children and Young Adults</td>
<td>3</td>
</tr>
<tr>
<td>EDU 205</td>
<td>Technology in Education</td>
<td>3</td>
</tr>
<tr>
<td>EDU 322</td>
<td>Arts and Humanities in the Elementary School</td>
<td>3</td>
</tr>
<tr>
<td>ENG 111</td>
<td>Composition I</td>
<td>3</td>
</tr>
<tr>
<td>or</td>
<td>ENG 114</td>
<td>Honors Composition I</td>
</tr>
<tr>
<td>or</td>
<td>ENG 112</td>
<td>Composition II</td>
</tr>
<tr>
<td>ENG 115</td>
<td>Honors Composition II</td>
<td>3</td>
</tr>
<tr>
<td>FS 100</td>
<td>First-Year Studies</td>
<td>1</td>
</tr>
<tr>
<td>HIS 225</td>
<td>American History I</td>
<td>3</td>
</tr>
<tr>
<td>HIS 226</td>
<td>American History II</td>
<td>3</td>
</tr>
<tr>
<td>MTH 111</td>
<td>Algebra for College Students</td>
<td>3</td>
</tr>
<tr>
<td>or</td>
<td>MTH 113</td>
<td>Precalculus Algebra</td>
</tr>
<tr>
<td>MUS 115</td>
<td>Appreciation of Music: Classical</td>
<td>3</td>
</tr>
<tr>
<td>or</td>
<td>MUS 116</td>
<td>Appreciation of Music: Rock and Roll</td>
</tr>
<tr>
<td>PHY 102</td>
<td>Introduction to Physics</td>
<td>4</td>
</tr>
<tr>
<td>PSY 110</td>
<td>General Psychology</td>
<td>3</td>
</tr>
<tr>
<td>REL 213</td>
<td>Old Testament Introduction</td>
<td>3</td>
</tr>
<tr>
<td>or</td>
<td>REL 214</td>
<td>New Testament Introduction</td>
</tr>
</tbody>
</table>
II. Specialization Knowledge-Interdisciplinary

BIO 102 Introduction to Biology .............................................................................................................. 4
*CHE 100 Introduction to Chemistry ........................................................................................................... 3
COM 225 Fundamentals of Public Speaking .................................................................................................. 3
ECN 201 Principles of Economics I ................................................................................................................ 3
EDU 200 Health and Safety for the Classroom Teacher .................................................................................. 3
EDU 201 Literature for Children and Young Adults ...................................................................................... 3
EDU 300 Mathematics in the Elementary and the Middle School I ............................................................ 3
EDU 310 Mathematics in the Elementary and the Middle School II .......................................................... 3
EDU 312 Social Studies in the Elementary School and the Middle School I ............................................... 3
EDU 314 Social Studies in the Elementary School and the Middle School II ............................................. 3
EDU 316 Reading in the Elementary School and the Middle School .......................................................... 3
EDU 318 Writing and Grammar in the Elementary School and the Middle School ..................................... 3
EDU 322 Arts and Humanities in the Elementary School .............................................................................. 3
EDU 324 Science in the Elementary and the Middle School ........................................................................ 3
EDU 326 Health and Fitness in the Elementary School .................................................................................. 3
ENG 111 Composition I

or

ENG 114 Honors Composition I ....................................................................................................................... 3
ENG 112 Composition II

or

ENG 115 Honors Composition II ..................................................................................................................... 3
ES 107 Introduction to Earth Science .............................................................................................................. 3
HIS 225 American History I ............................................................................................................................ 3
HIS 226 American History II .......................................................................................................................... 3
MTH 111 Algebra for College Students .......................................................................................................... 3

or

MTH 113 Precalculus Algebra .......................................................................................................................... 3
*MTH 115 Fundamentals of Geometry .......................................................................................................... 3
*MTH 200 Elementary Probability and Statistics ............................................................................................ 3
MUS 115 Appreciation of Music: Classical

or

MUS 116 Appreciation of Music: Rock and Roll .......................................................................................... 3
PHY 102 Introduction to Physics ...................................................................................................................... 4
*PHY 105 Introduction to Astronomy and Astrophysics .............................................................................. 3
PSY 110 General Psychology ........................................................................................................................ 3

*Course required for candidates admitted after 2012.

III. Professional Knowledge

EDU 100 Introduction to Education as a Profession ...................................................................................... 1
EDU 101 Education in America ...................................................................................................................... 2
EDU 200 Health and Safety for the Classroom Teacher ............................................................................... 3
EDU 203 Diversity in the Classroom ............................................................................................................ 3
EDU 205 Technology in Education .............................................................................................................. 3
EDU 320 Literacy Instruction in the Elementary Classroom ......................................................................... 3
EDU 328 Education in Kentucky .................................................................................................................. 3
EDU 401 Principles and Practices of Classroom Management ....................................................................... 3
EDU 402 Exceptional Learners in the Inclusive Classroom .......................................................................... 3
EDU 403 Students as Learners ...................................................................................................................... 3
EDU 404 Assessment Strategies for the Classroom Teacher ........................................................................... 3
EDU 410 Curriculum, Instruction and Assessment in the Elementary ......................................................... 3
EDU 411 Clinical Practice I in the Elementary School .................................................................................. 3
EDU 440 Clinical Practice II: Student Teaching in the Elementary School .................................................. 12

Middle Grades Education

A candidate who completes a program in middle grades education will be prepared to teach in grades five through nine in Kentucky.

Candidates are required to complete courses in general knowledge, in specialization knowledge with the option of one or two teaching fields, and professional knowledge.

I. General Knowledge

ART 100 Art Appreciation

or

ART 102 Survey of Art from Prehistory to the 14th Century

or

ART 103 Survey of Art from 14th Century to the Present ............................................................................ 3
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIO 100</td>
<td>Introduction to Biology</td>
<td>3</td>
</tr>
<tr>
<td>BIO 101</td>
<td>Introduction to Biology Lab</td>
<td>1</td>
</tr>
<tr>
<td>BIO 102</td>
<td>Introductory Biology (or higher)</td>
<td>4</td>
</tr>
<tr>
<td>COM 225</td>
<td>Fundamentals of Public Speaking</td>
<td>3</td>
</tr>
<tr>
<td>ECN 201</td>
<td>Principles of Economics I</td>
<td>3</td>
</tr>
<tr>
<td>EDU 200</td>
<td>Health and Safety for the Classroom Teacher</td>
<td>3</td>
</tr>
<tr>
<td>EDU 205</td>
<td>Technology in Education</td>
<td>3</td>
</tr>
<tr>
<td>ENG 111</td>
<td>Composition I</td>
<td>3</td>
</tr>
<tr>
<td>ENG 114</td>
<td>Honors Composition I</td>
<td>3</td>
</tr>
<tr>
<td>ENG 112</td>
<td>Composition II</td>
<td>3</td>
</tr>
<tr>
<td>ENG 115</td>
<td>Honors Composition II</td>
<td>3</td>
</tr>
<tr>
<td>ENG 200</td>
<td>Introduction to Literature</td>
<td>3</td>
</tr>
<tr>
<td>ES 107</td>
<td>Introduction to Earth Science</td>
<td>3</td>
</tr>
<tr>
<td>ES 108</td>
<td>Introduction to Earth Science Laboratory</td>
<td>1</td>
</tr>
<tr>
<td>FS 100</td>
<td>First-Year Studies</td>
<td>1</td>
</tr>
<tr>
<td>HIS 221</td>
<td>World Civilization I</td>
<td>3</td>
</tr>
<tr>
<td>HIS 222</td>
<td>World Civilization II</td>
<td>3</td>
</tr>
<tr>
<td>MTH 111</td>
<td>Algebra for College Students (or higher)</td>
<td>3</td>
</tr>
<tr>
<td>MUS 115</td>
<td>Appreciation of Music: Classical</td>
<td>3</td>
</tr>
<tr>
<td>MUS 116</td>
<td>Appreciation of Music: Rock and Roll</td>
<td>3</td>
</tr>
<tr>
<td>PSY 110</td>
<td>General Psychology</td>
<td>3</td>
</tr>
<tr>
<td>REL 213</td>
<td>Old Testament Introduction</td>
<td>3</td>
</tr>
<tr>
<td>REL 214</td>
<td>New Testament Introduction</td>
<td>3</td>
</tr>
<tr>
<td>REL 230</td>
<td>World’s Great Living Religions</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>(or REL elective)</td>
<td></td>
</tr>
</tbody>
</table>

### II. Specialization Knowledge

Candidates seeking middle grades certification must choose Option I or Option II

**Option I: Specialization Knowledge with One Teaching Field**

(Select one teaching field)

#### A. English and Communication

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>COM 225</td>
<td>Fundamentals of Public Speaking</td>
<td>3</td>
</tr>
<tr>
<td>EDU 201</td>
<td>Literature for Children and Young Adults</td>
<td>3</td>
</tr>
<tr>
<td>EDU 316</td>
<td>Reading in the Elementary and the Middle School</td>
<td>3</td>
</tr>
<tr>
<td>EDU 318</td>
<td>Writing and Grammar in the Elementary School and the Middle School</td>
<td>3</td>
</tr>
<tr>
<td>ENG 200</td>
<td>Introduction to Literature</td>
<td>3</td>
</tr>
<tr>
<td>ENG 300</td>
<td>Survey of World Literature Since 1700</td>
<td>3</td>
</tr>
<tr>
<td>ENG 311</td>
<td>Advanced Composition</td>
<td>3</td>
</tr>
<tr>
<td>ENG 315</td>
<td>Linguistics</td>
<td>3</td>
</tr>
<tr>
<td>ENG 340</td>
<td>Survey of British Literature I</td>
<td>3</td>
</tr>
<tr>
<td>ENG 341</td>
<td>Survey of British Literature II</td>
<td>3</td>
</tr>
<tr>
<td>ENG 342</td>
<td>Survey of American Literature I</td>
<td>3</td>
</tr>
<tr>
<td>ENG 343</td>
<td>Survey of American Literature II</td>
<td>3</td>
</tr>
<tr>
<td>ENG 345</td>
<td>Survey of Literary Criticism</td>
<td>3</td>
</tr>
<tr>
<td>*ENG 370</td>
<td>Appalachian Literature</td>
<td>3</td>
</tr>
</tbody>
</table>

*Course required for candidates admitted after 2012.

#### B. Mathematics

*Course required for candidates admitted after 2012.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>*CS 109</td>
<td>Introduction to Computer Science</td>
<td>3</td>
</tr>
<tr>
<td>EDU 300</td>
<td>Mathematics in the Elementary School and the Middle School I</td>
<td>3</td>
</tr>
<tr>
<td>EDU 310</td>
<td>Mathematics in the Elementary School and the Middle School II</td>
<td>3</td>
</tr>
<tr>
<td>EDU 311</td>
<td>Mathematics in the Middle School and the Secondary School</td>
<td>3</td>
</tr>
<tr>
<td>MTH 113</td>
<td>Precalculus Algebra (or higher)</td>
<td>3</td>
</tr>
<tr>
<td>MTH 114</td>
<td>Trigonometry</td>
<td>2</td>
</tr>
<tr>
<td>MTH 115</td>
<td>Fundamentals of Geometry</td>
<td>3</td>
</tr>
<tr>
<td>MTH 121</td>
<td>Calculus I</td>
<td>4</td>
</tr>
<tr>
<td>MTH 200</td>
<td>Elementary Probability and Statistics</td>
<td>3</td>
</tr>
<tr>
<td>MTH 222</td>
<td>Calculus II</td>
<td>4</td>
</tr>
<tr>
<td>MTH 251</td>
<td>Discrete Mathematics</td>
<td>3</td>
</tr>
<tr>
<td>MTH 335</td>
<td>Linear Algebra</td>
<td>3</td>
</tr>
</tbody>
</table>

*Course required for candidates admitted after 2012.
### C. Science

- **BIO 151** Principles of Biology I ................................................................. 4
- **BIO 152** Principles of Biology II ................................................................. 4
- **BIO 310** Evolution and Ecology ................................................................. 3
- **CHE 113** General Chemistry I ................................................................. 3
- **CHE 115** General Chemistry I Laboratory ................................................ 1
- *CHE 114** General Chemistry II ................................................................. 3
- *CHE 116** General Chemistry II Laboratory ............................................... 1
- **CHE 147** Laboratory Safety ................................................................. 1
- **EDU 324** Science in the Elementary School and the Middle School ........ 3
- **ES 107** Introduction to Earth Science .................................................... 3
- **ES 108** Introduction to Earth Science Laboratory .................................... 1
- *ES 208** Advanced Topics in Earth Science ............................................ 4
- **MTH 113** Precalculus Algebra ................................................................. 3
- *MTH 114** Trigonometry ............................................................................ 2
- **PHY 105** Introduction to Astronomy and Astrophysics ....................... 3
- **PHY 106** Introduction to Astronomy and Astrophysics Laboratory .......... 1
- *PHY 223** General Physics I ................................................................. 4
- *PHY 224** General Physics II ................................................................. 4

*Course required for candidates admitted after 2012.

### D. Social Studies

- **ECN 201** Principles of Economics I .................................................... 3
- **ECN 202** Principles of Economics II .................................................... 3
- **EDU 102** Geographic Literacy for the Classroom Teacher .................... 3
- **EDU 312** Social Studies in the Elementary School and the Middle School I .................................................................................. 3
- **EDU 314** Social Studies in the Elementary School and the Middle School II ..................................................................................... 3
- **HIS 221** World Civilization I ................................................................. 3
- **HIS 222** World Civilization II ................................................................. 3
- **HIS 225** American History I ................................................................. 3
- **HIS 226** American History II ................................................................. 3
- **HIS 426** Colonial and Revolutionary America, 1600-1781 or
  **HIS 429** America Enters the Modern Age, 1865-1900 ........................ 3
- **HIS 427** American United and Divided, 1781-1865 or
  **HIS 431** The United States from 1900 to 1945 ..................................... 3
- **PLS 223** United States Government and Politics .................................. 3
- **PSY 110** General Psychology .................................................................. 3
- **SOC 119** Introduction to Sociology ....................................................... 3

### Option II: Specialization Knowledge with Two Teaching Fields:

(Select two teaching fields)

#### A. English and Communication

- **COM 225** Fundamentals of Public Speaking ........................................... 3
- **EDU 201** Literature for Children and Young Adults .......................... 3
- **EDU 316** Reading in the Elementary School and Middle School ......... 3
- **EDU 318** Writing and Grammar in the Elementary School and the Middle School .......................................................... 3
- **ENG 200** Introduction to Literature .................................................... 3
- **ENG 300** Survey of World Literature Since 1700 ............................... 3
- **ENG 311** Advanced Composition ....................................................... 3
- **ENG 342** Survey of American Literature I ........................................... 3
- **ENG 343** Survey of American Literature II .......................................... 3
- **ENG 345** Survey of Literary Criticism .................................................. 3

#### B. Mathematics

- **EDU 300** Mathematics in the Elementary School and the Middle School I .................................................................................. 3
- **EDU 310** Mathematics in the Elementary School and the Middle School II .................................................................................... 3
- **EDU 311** Mathematics in the Middle School and the Secondary School .......................................................... 3
- **MTH 113** Precalculus Algebra (or higher) ............................................. 2
- **MTH 114** Trigonometry ........................................................................ 3
- **MTH 115** Fundamentals of Geometry .................................................. 3
- **MTH 121** Calculus I ............................................................................. 4
- **MTH 200** Elementary Probability and Statistics ................................... 4
- **MTH 251** Discrete Mathematics ......................................................... 3

---

University of Pikeville
### C. Science

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIO 151</td>
<td>Principles of Biology I</td>
<td>4</td>
</tr>
<tr>
<td>BIO 152</td>
<td>Principles of Biology II</td>
<td>4</td>
</tr>
<tr>
<td>*CHE 113</td>
<td>General Chemistry I</td>
<td>3</td>
</tr>
<tr>
<td>*CHE 115</td>
<td>General Chemistry I Laboratory</td>
<td>1</td>
</tr>
<tr>
<td>*CHE 114</td>
<td>General Chemistry II</td>
<td>3</td>
</tr>
<tr>
<td>*CHE 116</td>
<td>General Chemistry II Laboratory</td>
<td>1</td>
</tr>
<tr>
<td>CHE 147</td>
<td>Laboratory Safety</td>
<td>1</td>
</tr>
<tr>
<td>EDU 324</td>
<td>Science in the Elementary School and the Middle School</td>
<td>3</td>
</tr>
<tr>
<td>ES 107</td>
<td>Introduction to Earth Science</td>
<td>3</td>
</tr>
<tr>
<td>ES 108</td>
<td>Introduction to Earth Science Laboratory</td>
<td>1</td>
</tr>
<tr>
<td>*ES 208</td>
<td>Advanced Topics in Earth Science</td>
<td>4</td>
</tr>
<tr>
<td>MTH 113</td>
<td>Precalculus Algebra</td>
<td>3</td>
</tr>
<tr>
<td>PHY 102</td>
<td>Introduction to Physics</td>
<td>4</td>
</tr>
<tr>
<td>PHY 105</td>
<td>Introduction to Astronomy and Astrophysics</td>
<td>3</td>
</tr>
<tr>
<td>PHY 106</td>
<td>Introduction to Astronomy and Astrophysics Laboratory</td>
<td>1</td>
</tr>
</tbody>
</table>

*Course required for candidates admitted after 2012.

### D. Social Studies

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ECN 201</td>
<td>Principles of Economics I</td>
<td>3</td>
</tr>
<tr>
<td>ECN 202</td>
<td>Principles of Economics II</td>
<td>3</td>
</tr>
<tr>
<td>EDU 102</td>
<td>Geographic Literacy for the Classroom Teacher</td>
<td>3</td>
</tr>
<tr>
<td>EDU 312</td>
<td>Social Studies in the Elementary School and the Middle School I</td>
<td>3</td>
</tr>
<tr>
<td>EDU 314</td>
<td>Social Studies in the Elementary School and the Middle School II</td>
<td>3</td>
</tr>
<tr>
<td>HIS 221</td>
<td>World Civilization I</td>
<td>3</td>
</tr>
<tr>
<td>HIS 222</td>
<td>World Civilization II</td>
<td>3</td>
</tr>
<tr>
<td>HIS 225</td>
<td>American History I</td>
<td>3</td>
</tr>
<tr>
<td>HIS 226</td>
<td>American History II</td>
<td>3</td>
</tr>
<tr>
<td>PLS 223</td>
<td>United States Government and Politics</td>
<td>3</td>
</tr>
<tr>
<td>PSY 110</td>
<td>General Psychology</td>
<td>3</td>
</tr>
<tr>
<td>SOC 119</td>
<td>Introduction to Sociology</td>
<td>3</td>
</tr>
</tbody>
</table>

### III. Professional Knowledge

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDU 100</td>
<td>Introduction to Education as a Profession</td>
<td>1</td>
</tr>
<tr>
<td>EDU 101</td>
<td>Education in America</td>
<td>2</td>
</tr>
<tr>
<td>EDU 200</td>
<td>Health and Safety for the Classroom Teacher</td>
<td>3</td>
</tr>
<tr>
<td>EDU 203</td>
<td>Diversity in the Classroom</td>
<td>3</td>
</tr>
<tr>
<td>EDU 205</td>
<td>Technology in Education</td>
<td>3</td>
</tr>
<tr>
<td>EDU 321</td>
<td>Content Area Reading</td>
<td>3</td>
</tr>
<tr>
<td>EDU 328</td>
<td>Education in Kentucky</td>
<td>1</td>
</tr>
<tr>
<td>EDU 401</td>
<td>Principles and Practices of Classroom Management</td>
<td>3</td>
</tr>
<tr>
<td>EDU 402</td>
<td>Exceptional Learners in the Inclusive Classroom</td>
<td>3</td>
</tr>
<tr>
<td>EDU 403</td>
<td>Students as Learners</td>
<td>3</td>
</tr>
<tr>
<td>EDU 404</td>
<td>Assessment Strategies for the Classroom Teacher</td>
<td>3</td>
</tr>
<tr>
<td>EDU 412</td>
<td>Curriculum, Instruction, and Assessment in the Middle School</td>
<td>3</td>
</tr>
<tr>
<td>EDU 413</td>
<td>Clinical Practice I in the Middle School</td>
<td>3</td>
</tr>
<tr>
<td>EDU 442</td>
<td>Clinical Practice II: Student Teaching in the Middle School</td>
<td>12</td>
</tr>
</tbody>
</table>

### Secondary Education

A candidate who completes a program in secondary education will be prepared to teach in grades eight through twelve in Kentucky. The candidate will be required to complete courses in general knowledge, in specialization in one of the following areas: biology, chemistry, English, mathematics, or social studies, and professional knowledge.

### I. General Knowledge

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ART 100</td>
<td>Art Appreciation</td>
<td></td>
</tr>
<tr>
<td>ART 102</td>
<td>Art or Survey of Art from Prehistory to the 14th Century</td>
<td></td>
</tr>
<tr>
<td>ART 103</td>
<td>Survey of Art from the 14th Century to the Present</td>
<td>3</td>
</tr>
<tr>
<td>BIO 100</td>
<td>Introduction to Biology (or higher)</td>
<td>3</td>
</tr>
<tr>
<td>BIO 101</td>
<td>Introduction to Biology Lab (or higher)</td>
<td>1</td>
</tr>
<tr>
<td>COM 225</td>
<td>Fundamentals of Public Speaking</td>
<td>3</td>
</tr>
<tr>
<td>ECN 201</td>
<td>Principles of Economics I</td>
<td>3</td>
</tr>
<tr>
<td>EDU 200</td>
<td>Health and Safety for the Classroom Teacher</td>
<td>3</td>
</tr>
<tr>
<td>EDU 205</td>
<td>Technology Education</td>
<td>3</td>
</tr>
<tr>
<td>ENG 111</td>
<td>Composition I</td>
<td>3</td>
</tr>
<tr>
<td>ENG 114</td>
<td>Honors Composition I</td>
<td>3</td>
</tr>
</tbody>
</table>

*or*
### II. Areas of Specialization

#### A. Biology

**Specialization Knowledge**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIO 151</td>
<td>Principles of Biology I</td>
<td>4</td>
</tr>
<tr>
<td>BIO 152</td>
<td>Principles of Biology II</td>
<td>4</td>
</tr>
<tr>
<td>BIO 310</td>
<td>Evolution and Ecology</td>
<td>3</td>
</tr>
<tr>
<td>BIO 313</td>
<td>Botany</td>
<td>4</td>
</tr>
<tr>
<td>BIO 314</td>
<td>Zoology</td>
<td>4</td>
</tr>
<tr>
<td>BIO 320</td>
<td>Genetics</td>
<td>4</td>
</tr>
<tr>
<td>BIO 411</td>
<td>Ecology II</td>
<td>4</td>
</tr>
<tr>
<td>BIO 420</td>
<td>General Physiology</td>
<td>4</td>
</tr>
</tbody>
</table>

**Support Courses**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHE 113</td>
<td>General Chemistry I</td>
<td>3</td>
</tr>
<tr>
<td>CHE 115</td>
<td>General Chemistry I Laboratory</td>
<td>1</td>
</tr>
<tr>
<td>CHE 114</td>
<td>General Chemistry II</td>
<td>3</td>
</tr>
<tr>
<td>CHE 116</td>
<td>General Chemistry II Laboratory</td>
<td>1</td>
</tr>
<tr>
<td>ES 107</td>
<td>Introduction to Earth Science</td>
<td>1</td>
</tr>
<tr>
<td>ES 108</td>
<td>Introduction to Earth Science Laboratory</td>
<td>1</td>
</tr>
<tr>
<td>PHY 223</td>
<td>General Physics I</td>
<td>4</td>
</tr>
</tbody>
</table>

*Course required for candidates admitted after 2012.*

**Professional Courses**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDU 100</td>
<td>Introduction to Education as a Profession</td>
<td>1</td>
</tr>
<tr>
<td>EDU 101</td>
<td>Education in America</td>
<td>2</td>
</tr>
<tr>
<td>EDU 200</td>
<td>Health and Safety for the Classroom Teacher</td>
<td>3</td>
</tr>
<tr>
<td>EDU 203</td>
<td>Diversity in the Classroom</td>
<td>3</td>
</tr>
<tr>
<td>EDU 205</td>
<td>Technology in Education</td>
<td>3</td>
</tr>
<tr>
<td>EDU 321</td>
<td>Content Area Reading</td>
<td>3</td>
</tr>
<tr>
<td>EDU 328</td>
<td>Education in Kentucky</td>
<td>1</td>
</tr>
<tr>
<td>EDU 401</td>
<td>Principles and Practices of Classroom Management</td>
<td>3</td>
</tr>
<tr>
<td>EDU 402</td>
<td>Exceptional Learners in the Inclusive Classroom</td>
<td>3</td>
</tr>
<tr>
<td>EDU 403</td>
<td>Students as Learners</td>
<td>3</td>
</tr>
<tr>
<td>EDU 404</td>
<td>Assessment Strategies for the Classroom Teacher</td>
<td>3</td>
</tr>
<tr>
<td>EDU 414</td>
<td>Teaching Biology in the High School</td>
<td>3</td>
</tr>
<tr>
<td>EDU 415</td>
<td>Clinical Practice I in the High School Biology Classroom</td>
<td>3</td>
</tr>
<tr>
<td>EDU 444</td>
<td>Clinical Practice II: Student Teaching in the Secondary School</td>
<td>12</td>
</tr>
</tbody>
</table>

*Course required for candidates admitted after 2012.*

#### B. Chemistry

**Specialization Knowledge**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHE 113</td>
<td>General Chemistry I</td>
<td>3</td>
</tr>
<tr>
<td>CHE 115</td>
<td>General Chemistry I Laboratory</td>
<td>1</td>
</tr>
<tr>
<td>CHE 114</td>
<td>General Chemistry II</td>
<td>3</td>
</tr>
<tr>
<td>CHE 116</td>
<td>General Chemistry II Laboratory</td>
<td>1</td>
</tr>
<tr>
<td>Course Code</td>
<td>Course Title</td>
<td>Credits</td>
</tr>
<tr>
<td>------------</td>
<td>------------------------------------------------------------------------------</td>
<td>---------</td>
</tr>
<tr>
<td>CHE 147</td>
<td>Laboratory Safety</td>
<td>1</td>
</tr>
<tr>
<td>CHE 313</td>
<td>Organic Chemistry I</td>
<td>4</td>
</tr>
<tr>
<td>CHE 314</td>
<td>Organic Chemistry II</td>
<td>4</td>
</tr>
<tr>
<td>CHE 315</td>
<td>Organic Chemistry I Laboratory</td>
<td>1</td>
</tr>
<tr>
<td>CHE 316</td>
<td>Organic Chemistry II Laboratory</td>
<td>1</td>
</tr>
<tr>
<td>CHE 321</td>
<td>Quantitative Analysis</td>
<td>4</td>
</tr>
<tr>
<td>CHE 400</td>
<td>Physical Chemistry I</td>
<td>4</td>
</tr>
<tr>
<td>CHE 425</td>
<td>Biochemistry</td>
<td>4</td>
</tr>
<tr>
<td>CHE 480</td>
<td>Seminar in Chemistry</td>
<td>1</td>
</tr>
<tr>
<td>CHE 498</td>
<td>Laboratory Internship (Chemistry)</td>
<td>1</td>
</tr>
</tbody>
</table>

**Support Courses**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIO 151</td>
<td>Principles of Biology I</td>
<td>4</td>
</tr>
<tr>
<td>ES 107</td>
<td>Introduction to Earth Science</td>
<td>3</td>
</tr>
<tr>
<td>ES 108</td>
<td>Introduction to Earth Science Laboratory</td>
<td>1</td>
</tr>
<tr>
<td>MTH 121</td>
<td>Calculus I</td>
<td>4</td>
</tr>
<tr>
<td>MTH 222</td>
<td>Calculus II</td>
<td>4</td>
</tr>
<tr>
<td>PHY 223</td>
<td>General Physics I</td>
<td>4</td>
</tr>
<tr>
<td>PHY 224</td>
<td>General Physics II</td>
<td>4</td>
</tr>
</tbody>
</table>

**Professional Courses**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDU 100</td>
<td>Introduction to Education as a Profession</td>
<td>1</td>
</tr>
<tr>
<td>EDU 101</td>
<td>Education in America</td>
<td>2</td>
</tr>
<tr>
<td>EDU 200</td>
<td>Health and Safety for the Classroom Teacher</td>
<td>3</td>
</tr>
<tr>
<td>EDU 203</td>
<td>Diversity in the Classroom</td>
<td>3</td>
</tr>
<tr>
<td>EDU 205</td>
<td>Technology in Education</td>
<td>3</td>
</tr>
<tr>
<td>EDU 321</td>
<td>Content Area Reading</td>
<td>3</td>
</tr>
<tr>
<td>EDU 328</td>
<td>Education in Kentucky</td>
<td>3</td>
</tr>
<tr>
<td>EDU 401</td>
<td>Principles and Practices of Classroom Management</td>
<td>3</td>
</tr>
<tr>
<td>EDU 402</td>
<td>Exceptional Learners in the Inclusive Classroom</td>
<td>3</td>
</tr>
<tr>
<td>EDU 403</td>
<td>Students as Learners</td>
<td>3</td>
</tr>
<tr>
<td>EDU 404</td>
<td>Assessment Strategies for the Classroom Teacher</td>
<td>3</td>
</tr>
<tr>
<td>EDU 416</td>
<td>Teaching Chemistry in the High School</td>
<td>3</td>
</tr>
<tr>
<td>EDU 417</td>
<td>Clinical Practice I in the High School Chemistry Classroom</td>
<td>3</td>
</tr>
<tr>
<td>EDU 444</td>
<td>Clinical Practice II: Student Teaching in the Secondary School</td>
<td>12</td>
</tr>
</tbody>
</table>

**C. English**

**Specialization Knowledge**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENG 300</td>
<td>Survey of World Literature Since 1700</td>
<td>3</td>
</tr>
<tr>
<td>ENG 311</td>
<td>Advanced Composition</td>
<td>3</td>
</tr>
<tr>
<td>ENG 315</td>
<td>Linguistics</td>
<td>3</td>
</tr>
<tr>
<td>ENG 325</td>
<td>Creative Writing</td>
<td>3</td>
</tr>
<tr>
<td>ENG 330</td>
<td>Women Authors</td>
<td>3</td>
</tr>
<tr>
<td>ENG 340</td>
<td>Survey of British Literature I</td>
<td>3</td>
</tr>
<tr>
<td>ENG 341</td>
<td>Survey of British Literature II</td>
<td>3</td>
</tr>
<tr>
<td>ENG 342</td>
<td>Survey of American Literature I</td>
<td>3</td>
</tr>
<tr>
<td>ENG 343</td>
<td>Survey of American Literature II</td>
<td>3</td>
</tr>
<tr>
<td>ENG 345</td>
<td>Survey of Literary Criticism</td>
<td>3</td>
</tr>
<tr>
<td>ENG 360</td>
<td>Shakespeare</td>
<td>3</td>
</tr>
<tr>
<td>ENG 400</td>
<td>English Senior Seminar</td>
<td>3</td>
</tr>
</tbody>
</table>

**Professional Courses**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDU 100</td>
<td>Introduction to Education as a Profession</td>
<td>1</td>
</tr>
<tr>
<td>EDU 101</td>
<td>Education in America</td>
<td>2</td>
</tr>
<tr>
<td>EDU 200</td>
<td>Health and Safety for the Classroom Teacher</td>
<td>3</td>
</tr>
<tr>
<td>EDU 203</td>
<td>Diversity in the Classroom</td>
<td>3</td>
</tr>
<tr>
<td>EDU 205</td>
<td>Technology in Education</td>
<td>3</td>
</tr>
<tr>
<td>EDU 321</td>
<td>Content Area Reading</td>
<td>3</td>
</tr>
<tr>
<td>EDU 328</td>
<td>Education in Kentucky</td>
<td>3</td>
</tr>
<tr>
<td>EDU 401</td>
<td>Principles and Practices of Classroom Management</td>
<td>1</td>
</tr>
<tr>
<td>EDU 402</td>
<td>Exceptional Learners in the Inclusive Classroom</td>
<td>3</td>
</tr>
<tr>
<td>EDU 403</td>
<td>Students as Learners</td>
<td>3</td>
</tr>
<tr>
<td>EDU 404</td>
<td>Assessment Strategies for the Classroom Teacher</td>
<td>3</td>
</tr>
<tr>
<td>EDU 418</td>
<td>Teaching English in the High School</td>
<td>3</td>
</tr>
<tr>
<td>EDU 419</td>
<td>Clinical Practice I in the High School English Classroom</td>
<td>3</td>
</tr>
<tr>
<td>EDU 444</td>
<td>Clinical Practice II: Student Teaching in the Secondary School</td>
<td>12</td>
</tr>
</tbody>
</table>
D. Mathematics
**Specialization Knowledge**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>MTH 113</td>
<td>Precalculus Algebra</td>
</tr>
<tr>
<td>MTH 114</td>
<td>Trigonometry</td>
</tr>
<tr>
<td>MTH 115</td>
<td>Fundamentals of Geometry</td>
</tr>
<tr>
<td>MTH 121</td>
<td>Calculus I</td>
</tr>
<tr>
<td>MTH 200</td>
<td>Elementary Probability and Statistics</td>
</tr>
<tr>
<td>MTH 222</td>
<td>Calculus II</td>
</tr>
<tr>
<td>MTH 223</td>
<td>Calculus III</td>
</tr>
<tr>
<td>MTH 251</td>
<td>Discrete Mathematics</td>
</tr>
<tr>
<td>MTH 303</td>
<td>Introduction to Abstract Mathematics</td>
</tr>
<tr>
<td>MTH 335</td>
<td>Linear Algebra</td>
</tr>
<tr>
<td>MTH 400</td>
<td>Advanced Geometry</td>
</tr>
<tr>
<td>MTH 410</td>
<td>Abstract Algebra</td>
</tr>
</tbody>
</table>

**Support Courses**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>CS 112</td>
<td>Basic</td>
</tr>
<tr>
<td>CS 221</td>
<td>Object Oriented Programming</td>
</tr>
<tr>
<td>EDU 311</td>
<td>Mathematics in the Middle School and the Secondary School</td>
</tr>
</tbody>
</table>

**Professional Courses**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDU 100</td>
<td>Introduction to Education as a Profession</td>
</tr>
<tr>
<td>EDU 101</td>
<td>Education in America</td>
</tr>
<tr>
<td>EDU 200</td>
<td>Health and Safety for the Classroom Teacher</td>
</tr>
<tr>
<td>EDU 203</td>
<td>Diversity in the Classroom</td>
</tr>
<tr>
<td>EDU 205</td>
<td>Technology in Education</td>
</tr>
<tr>
<td>EDU 321</td>
<td>Content Area Reading</td>
</tr>
<tr>
<td>EDU 328</td>
<td>Education in Kentucky</td>
</tr>
<tr>
<td>EDU 401</td>
<td>Principles and Practices of Classroom Management</td>
</tr>
<tr>
<td>EDU 402</td>
<td>Exceptional Learners in the Inclusive Classroom</td>
</tr>
<tr>
<td>EDU 403</td>
<td>Students as Learners</td>
</tr>
<tr>
<td>EDU 404</td>
<td>Assessment Strategies for the Classroom Teacher</td>
</tr>
<tr>
<td>EDU 420</td>
<td>Teaching Mathematics in the High School</td>
</tr>
<tr>
<td>EDU 421</td>
<td>Clinical Practice I in the High School Mathematics Classroom</td>
</tr>
<tr>
<td>EDU 444</td>
<td>Clinical Practice II: Student Teaching in the Secondary School</td>
</tr>
</tbody>
</table>

E. Social Studies
**Specialization Knowledge**

**History Requirements**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>HIS 221</td>
<td>World Civilization I</td>
</tr>
<tr>
<td>HIS 222</td>
<td>World Civilization II</td>
</tr>
<tr>
<td>HIS 225</td>
<td>American History I</td>
</tr>
<tr>
<td>HIS 226</td>
<td>American History II</td>
</tr>
</tbody>
</table>

**History Elective Requirements**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
</table>

History electives at 300/400 level (9 hours from Group A, 6 hours from Group B, and 3 hours from Group C)

- **Group A**: HIS 426, HIS 427, HIS 429, HIS 431, HIS 432, HIS 448*
- **Group B**: HIS 312, HIS 314, HIS 324, HIS 364, HIS 365
- **Group C**: HIS 455**, 463***, (or any course from Group A or B that was not taken to fulfill the above requirement.)

**Political Science Requirements**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>PLS 223</td>
<td>United States Government and Politics</td>
</tr>
</tbody>
</table>

**Political Science Elective Requirements**

Political Science Electives select from the following:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>PLS 323</td>
<td>Comparative Government</td>
</tr>
<tr>
<td>PLS 423</td>
<td>International Relations</td>
</tr>
<tr>
<td>PLS 448*</td>
<td>The Development of the American Constitution</td>
</tr>
<tr>
<td>PLS 455**</td>
<td>American Chief Executive</td>
</tr>
<tr>
<td>PLS 463***</td>
<td>American Foreign Relations, 1776 to Present</td>
</tr>
</tbody>
</table>

**Economics Requirements**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>ECN 201</td>
<td>Principles of Economics I</td>
</tr>
<tr>
<td>ECN 202</td>
<td>Principles of Economics II</td>
</tr>
</tbody>
</table>

**Psychology, Sociology, Geography, and Anthropology Requirements**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDU 102</td>
<td>Geographic Literacy for the Classroom Teacher</td>
</tr>
<tr>
<td>SOC 119</td>
<td>Introduction to Sociology</td>
</tr>
<tr>
<td>PSY 110</td>
<td>General Psychology</td>
</tr>
</tbody>
</table>

* HIS 448 and PLS 448 are cross-listed and may be taken only as one or the other.
** HIS 455 and PLS 455 are cross-listed and may be taken only as one or the other.
*** HIS 463 and PLS 463 are cross-listed and may be taken only as one or the other.

### Professional Courses

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDU 100</td>
<td>Introduction to Education as a Profession</td>
<td>1</td>
</tr>
<tr>
<td>EDU 101</td>
<td>Education in America</td>
<td>2</td>
</tr>
<tr>
<td>EDU 200</td>
<td>Health and Safety for the Classroom Teacher</td>
<td>3</td>
</tr>
<tr>
<td>EDU 203</td>
<td>Diversity in the Classroom</td>
<td>3</td>
</tr>
<tr>
<td>EDU 205</td>
<td>Technology in Education</td>
<td>3</td>
</tr>
<tr>
<td>EDU 321</td>
<td>Content Area Reading</td>
<td>3</td>
</tr>
<tr>
<td>EDU 328</td>
<td>Education in Kentucky</td>
<td>1</td>
</tr>
<tr>
<td>EDU 401</td>
<td>Principles and Practices of Classroom Management</td>
<td>3</td>
</tr>
<tr>
<td>EDU 402</td>
<td>Exceptional Learners in the Inclusive Classroom</td>
<td>3</td>
</tr>
<tr>
<td>EDU 403</td>
<td>Students as Learners</td>
<td>3</td>
</tr>
<tr>
<td>EDU 404</td>
<td>Assessment Strategies for the Classroom Teacher</td>
<td>3</td>
</tr>
<tr>
<td>EDU 422</td>
<td>Teaching Social Studies in the High School</td>
<td>3</td>
</tr>
<tr>
<td>EDU 423</td>
<td>Clinical Practice I in the High School Social Studies Classroom</td>
<td>3</td>
</tr>
<tr>
<td>EDU 444</td>
<td>Clinical Practice II: Student Teaching in the Secondary School</td>
<td>12</td>
</tr>
</tbody>
</table>

### Education Course Descriptions

**EDU 100 Introduction to Education as a Profession**
Prospective teacher education candidates will explore teaching as a profession. Prospective candidates will spend time in an elementary, middle and high school. *(Should be taken before admission to the Teacher Education Program.)*

**EDU 101 Education in America**
This course seeks to convey the important knowledge and issues in the field of education in a way that bridges educational research and classroom practices. Pre- or corequisite: EDU 100. *(Should be taken before admission to the Teacher Education Program.)*

**EDU 102 Geographic Literacy for the Classroom Teacher**
A study of geography using a balanced approach between physical and cultural geography, designed primarily for education majors. Pre- or corequisite: EDU 100.

**EDU 200 Health and Safety for the Classroom Teacher**
This course introduces preservice teachers to the development of prevention and intervention strategies for crises that may arise in the classroom. Preservice teachers will survey contemporary physical and mental health issues and safety concerns confronting P-12 students and teachers. They will explore plans and procedures to address these potential problems. Pre- or corequisites: EDU 100 and EDU 101. *(Should be taken before admission to the Teacher Education Program.)*

**EDU 201 Literature for Children and Young Adults**
This course surveys the genres of the literature of children and young adults. The preservice teacher will learn how an author uses the elements of literature (plot and structure, characters, setting, point of view, language and style, and theme) to create literary work. The preservice teacher will learn how to identify characteristics of fiction and nonfiction and literary genres (folk literature, poetry, essays, plays, short stories, and novels). The preservice teacher will learn how to use a variety of creative dramatics (improvisation, mimicry, pantomime, role playing, and storytelling). Pre- or corequisite: EDU 100. *(Should be taken before admission to the Teacher Education Program.)*

**EDU 203 Diversity in the Classroom**
In this course, preservice teachers will develop an understanding of how learning is influenced by individual experiences, talents, and prior learning as well as language, culture, family, and community values. Pre- or corequisites: EDU 100 and EDU 101. *(Should be taken before admission to the Teacher Education Program.)*

**EDU 205 Technology in Education**
In this course, preservice teachers will learn to utilize technology in their day-to-day administrative duties and to advance the learning of their students. Pre- or corequisites: EDU 100 and EDU 101. *(Should be taken before admission to the Teacher Education Program.)*

**EDU 300 Mathematics in the Elementary School and the Middle School I**
In this course, content and teaching strategies appropriate for mathematics instruction in the elementary and middle grades will be studied. Prerequisites: MTH 111 or MTH 113, MTH 115, and MTH 200. Pre- or corequisite: EDU 100. *(Should be taken before admission to the Teacher Education Program.)*

**EDU 310 Mathematics in the Elementary School and the Middle School II**
This course is a continuation of EDU 300 and expands the content and teaching strategies appropriate for mathematics instruction in the elementary and middle grades. Prerequisite: EDU 300. Pre- or corequisite: EDU 100. *(Should be taken before admission to the Teacher Education Program.)*

**EDU 311 Mathematics in the Middle School and the Secondary School**
In this course, content and teaching strategies appropriate for mathematics instruction in the middle school and high school will be studied. Prerequisite: MTH 121. Pre- or corequisite: EDU 100. *(Should be taken before admission to the Teacher Education Program.)*

**EDU 312 Social Studies in the Elementary School and the Middle School I**
In this course, content and teaching strategies appropriate for social studies instruction in the elementary and middle school grades will be studied. Prerequisites: HIS 225 and HIS 226. Pre- or corequisite: EDU 100. *(Should be taken before admission to the Teacher Education Program.)*
EDU 314  Social Studies in the Elementary School and the Middle School .................................................................................................................................(3)
This course is a continuation of EDU 312 and expands the content and teaching strategies appropriate for social studies instruction in the elementary and middle grades.  Prerequisite: EDU 312.  Pre- or corequisite: EDU 100.  (Should be taken before admission to the Teacher Education Program.)

EDU 316  Reading in the Elementary School and the Middle School .................................................................................................................................(3)
In this course, content and teaching strategies appropriate for reading instruction in the elementary and middle grades will be studied.  Prerequisite: ENGL12 or ENGL15.  Pre- or corequisite: EDU 100.  (Should be taken before admission to the Teacher Education Program.)

EDU 318  Writing and Grammar in the Elementary School and the Middle School .................................................................................................................................(3)
In this course, content and teaching strategies appropriate for writing and grammar instruction in the elementary and middle grades will be studied.  Prerequisite: ENGL12 or ENGL15.  Pre- or corequisite EDU 100.  (Should be taken before admission to the Teacher Education Program.)

EDU 320  Literacy Instruction in the Elementary Classroom ..............................................................................................................................................(3)
This course integrates literacy concepts to help candidates teach reading, writing, speaking, viewing and listening.  Prerequisite: EDU 316.  Pre- or Corequisites: EDU 100, EDU 101, EDU 201 and EDU 318.  (Should be taken before admission to the Teacher Education Program.)

EDU 321  Content Area Area Reading .................................................................................................................................................................................(3)
In this course, preservice teachers develop the necessary skills to help students use reading, writing, talking, and listening to learn any subject matter.  Prerequisite: EDU 100 and EDU 101.  (Should be taken before admission to the Teacher Education Program.)

EDU 322  Arts and Humanities in the Elementary School......................................................................................................................................................(3)
In this course, content and teaching strategies appropriate for arts and humanities instruction in the elementary grades will be studied.  Prerequisite: ENGL12 or ENGL15.  Pre- or corequisite: EDU 100.  (Should be taken before admission to the Teacher Education Program.)

EDU 324  Science in the Elementary School and the Middle School ..............................................................................................................................................(3)
In this course, content and teaching strategies appropriate for science instruction in the elementary and middle grades will be studied.  Prerequisites: BIO 100 and BIO 101 or BIO 102 or higher, CHE 100 or higher, ES 107, and PHY 102 or higher.  Pre- or corequisite: EDU 100.  (Should be taken before admission to the Teacher Education Program.)

EDU 326  Health and Fitness in the Elementary School ......................................................................................................................................................(3)
In this course, content and teaching strategies appropriate for the integration of health and fitness concepts into the general elementary school curriculum will be studied.  Prerequisite: ENGL12 or ENGL15.  Pre- or corequisite: EDU 100.  (Should be taken before admission to the Teacher Education Program.)

EDU 328  Education in Kentucky ...................................................................................................................................................................................(1)
This course will provide an overview of education in the state of Kentucky and an overview of the University of Pikeville's Teacher Education Program.  Prerequisites: All other EDU 100-300 level courses.  (Should be taken before admission to the Teacher Education Program.)  Fee $250.

EDU 401  Principles and Practice of Classroom Management ..............................................................................................................................................(3)
In this course, preservice teachers will be introduced to the principles of effective classroom management and to management strategies that promote positive relationships, cooperation, and purposeful learning.  Topics discussed will include establishing daily procedures and routines, establishing a personal discipline plan, arrangement of classroom space, and response to student behavior.  Corequisites: EDU 402, EDU 403, EDU 404 and EDU 410 or EDU 412 or EDU 414 or EDU 416 or EDU 418 or EDU 420 or EDU 422 and EDU 411 or EDU 413 or EDU 415 or EDU 417 or EDU 419 or EDU 421 or EDU 423.  (Must be taken after admission to the Teacher Education Program.)

EDU 402  Exceptional Learners in the Inclusive Classroom ......................................................................................................................................................(3)
This course provides preservice teachers with the knowledge and skills to respond to intervention, differentiate instruction, and work collaboratively with colleagues to meet the individual needs of exceptional learners.  Corequisites: EDU 401, EDU 403, EDU 404 and EDU 410 or EDU 412 or EDU 414 or EDU 416 or EDU 418 or EDU 420 or EDU 422 and EDU 411 or EDU 413 or EDU 415 or EDU 417 or EDU 419 or EDU 421 or EDU 423.  (Must be taken after admission to the Teacher Education Program.)

EDU 403  Students as Learners .........................................................................................................................................................................................(3)
In this course, preservice teachers will be introduced to the concepts, principles, theories, and research related to the development of children and adolescents and discuss how to construct learning opportunities that support individual students' development.  Corequisites: EDU 401, EDU 402, EDU 404 and EDU 410 or EDU 412 or EDU 414 or EDU 416 or EDU 418 or EDU 420 or EDU 422 and EDU 411 or EDU 413 or EDU 415 or EDU 417 or EDU 419 or EDU 421 or EDU 423.  (Must be taken after admission to the Teacher Education Program.)

EDU 404  Assessment Strategies for the Classroom Teacher ..............................................................................................................................................(3)
This course provides preservice teachers with knowledge of assessment adequate for the design, use and interpretation of various assessment instruments to guide instructional planning and evaluate student progress.  Corequisites: EDU 401, EDU 402, EDU 403 and EDU 410 or EDU 412 or EDU 414 or EDU 416 or EDU 418 or EDU 420 or EDU 422 and EDU 411 or EDU 413 or EDU 415 or EDU 417 or EDU 419 or EDU 421 or EDU 423.  (Must be taken after admission to the Teacher Education Program.)

EDU 410  Curriculum, Instruction, and Assessment in the Elementary School .....................................................................................................................................(3)
In this course, preservice teachers will use major concepts, principles, theories, and research related to the cognitive and physical development of children and young adolescents to create a standards-based unit that includes appropriate instructional strategies along with differentiating techniques.  Corequisites: EDU 401, EDU 402, EDU 403, EDU 404, and EDU 411.  (Must be taken after admission to the Teacher Education Program.)

EDU 411  Clinical Practice I in the Elementary School ..............................................................................................................................................(3)
This course is designed as a companion course to EDU 410.  In this course elementary education candidates will spend twenty hours a week, four hours a day, in an elementary classroom observing and assisting a master teacher who has the knowledge, skills, and professional dispositions to enable all students to learn.  Corequisites: EDU 401, EDU 402, EDU 403, EDU 404 and EDU 410.  (Must be taken after admission to the Teacher Education Program.)  Fee $250.
EDU 413 Clinical Practice I in the Middle School ...................................................................................................................................................... (3)
This course provides preservice teachers with the major concepts, principles, theories and research related to adolescent development and knowledge of the philosopical foundations of developmentally responsive middle schools. Candidates will use this knowledge to create a standards-based unit that includes appropriate instructional strategies and differentiating techniques. Corequisites: EDU 401, EDU 402, EDU 402, EDU 403, EDU 404 and EDU 413. (Must be taken after admission to the Teacher Education Program.)

EDU 414 Teaching Biology in the High School .......................................................................................................................................................... (3)
In this course, content and teaching strategies appropriate for biology instruction in the high school will be studied. Candidates will use this knowledge to develop an appropriate standards-based unit which will include differentiating techniques. Corequisites: EDU 401, EDU 402, EDU 403, EDU 404 and EDU 415. (Must be taken after admission to the Teacher Education Program.)

EDU 415 Clinical Practice I in the High School Biology Classroom ................................................................................................................................................. (3)
This course is designed as a companion course to EDU 416. In this course, high school biology candidates will spend twenty hours a week, four hours a day, in a high school biology classroom observing and assisting a master teacher who has the knowledge, skills, and professional dispositions to enable all students to learn. Corequisites: EDU 401, EDU 402, EDU 403, EDU 404 and EDU 414. (Must be taken after admission to the Teacher Education Program.) Fee $250.

EDU 416 Teaching Chemistry in the High School .......................................................................................................................................................... (3)
In this course, content and teaching strategies appropriate for chemistry instruction in the high school will be studied. Candidates will use this knowledge to develop an appropriate standards-based unit which will include differentiating techniques. Corequisites: EDU 401, EDU 402, EDU 403, EDU 404, and EDU 417. (Must be taken after admission to the Teacher Education Program.)

EDU 417 Clinical Practice I in the High School Chemistry Classroom .......................................................................................................................................................... (3)
This course is designed as a companion course to EDU 416. In this course, high school chemistry candidates will spend twenty hours a week, four hours a day, in a high school chemistry classroom observing and assisting a master teacher who has the knowledge, skills, and professional dispositions to enable all students to learn. Corequisites: EDU 401, EDU 402, EDU 403, EDU 404 and EDU 416. (Must be taken after admission to the Teacher Education Program.) Fee $250.

EDU 418 Teaching English in the High School .......................................................................................................................................................... (3)
In this course, content and teaching strategies appropriate for language arts instruction in the high school will be studied. Candidates will use this knowledge to develop an appropriate standards-based unit which will include differentiating techniques. Corequisites: EDU 401, EDU 402, EDU 403, EDU 404, AND EDU 419. (Must be taken after admission to the Teacher Education Program.)

EDU 419 Clinical Practice I in the High School English Classroom .......................................................................................................................................................... (3)
This course is designed as a companion course to EDU 418. In this course, high school English candidates will spend twenty hours a week, four hours a day in a high school English classroom observing and assisting a master teacher who has the knowledge, skills, and professional dispositions to enable all students to learn. Corequisites: EDU 401, EDU 402, EDU 403, EDU 404, AND EDU 418. (Must be taken after admission to the Teacher Education Program.) Fee $250.

EDU 420 Teaching Mathematics in the High School .......................................................................................................................................................... (3)
In this course, content and teaching strategies appropriate for mathematics instruction in the high school will be studied. Candidates will use this knowledge to develop an appropriate standards-based unit which will include differentiating techniques. Corequisites: EDU 401, EDU 402, EDU 403, EDU 404, and EDU 421. (Must be taken after admission to the Teacher Education Program.)

EDU 421 Clinical Practice I in the High School Mathematics Classroom .......................................................................................................................................................... 3
This course is designed as a companion course to EDU 420. In this course, high school mathematics candidates will spend twenty hours a week, four hours a day, in a high school mathematics classroom observing and assisting a master teacher who has the knowledge, skills, and professional dispositions to enable all students to learn. Corequisites: EDU 401, EDU 402, EDU 403, EDU 404 and EDU 420. (Must be taken after admission to the Teacher Education Program.) Fee $250.

EDU 422 Teaching Social Studies in the High School .......................................................................................................................................................... (3)
In this course, content and teaching strategies appropriate for social studies instruction in the high school will be studied. Candidates will use this knowledge to develop an appropriate standards-based unit which will include differentiating techniques. Corequisites: EDU 401, EDU 402, EDU 403, EDU 404, and EDU 423. (Must be taken after admission to the Teacher Education Program.)

EDU 423 Clinical Practice I in the High School Social Studies Classroom .......................................................................................................................................................... (3)
This course is designed as a companion course to EDU 422. In this course, high school social studies candidates will spend twenty hours a week, four hours a day, in a high school social studies classroom observing and assisting a master teacher who has the knowledge, skills, and professional dispositions to enable all students to learn. Corequisites: EDU 401, EDU 402, EDU 403, EDU 404 and EDU 422. (Must be taken after admission to the Teacher Education Program.) Fee $250.

EDU 440 Clinical Practice II: Student Teaching in the Elementary School ..........................................................................................................................................................(12)
Student teaching is viewed as the capstone to the elementary education program. All areas of knowledge are integrated and theory is put into practice as the preservice teacher assumes full responsibility for students’ learning in an elementary classroom. Prerequisite: Admission to the University of Pikeville Student Teaching Program. Fee $250.
EDU 442  Clinical Practice II: Student Teaching in the Middle School .................................................................(12)
Student teaching is viewed as the capstone to the middle grades education program. All areas of knowledge are integrated and theory is put into practice as the preservice teacher assumes full responsibility for students’ learning in a middle grades school classroom. Prerequisite: Admission to the University of Pikeville Student Teaching Program. Fee $250.

EDU 444  Clinical Practice II: Student Teaching in the Secondary School .................................................................(12)
Student teaching is viewed as the capstone to the secondary education program. All areas of knowledge are integrated and theory is put into practice as the preservice teacher assumes full responsibility for students’ learning in a secondary school classroom. Prerequisite: Admission to the University of Pikeville Student Teaching Program. Fee $250.

English (ENG)
The English program is offered through the Division of Humanities. It fosters an understanding of the literary tradition and is designed to teach students to think critically, to write effectively, and to develop an aesthetic sensibility through course offerings in composition, language, and literature. An appreciation of our literary and cultural traditions and facility with the use of the English language are fundamental prerequisites for successful leadership and service in our society.

This program provides students with the opportunity to major or minor in English and to prepare for teacher certification.

English Major
Basic program for a baccalaureate degree:

I. Core Requirements ......................................................................................................................................................... 52-60 hours

II. English Requirements .......................................................................................................................................................... 33 hours
   ENG 311  Advanced Composition ...........................................................................................................................................3
   ENG 340  British Literature Survey I .......................................................................................................................................3
   ENG 341  British Literature Survey II ......................................................................................................................................3
   ENG 342  American Literature Survey I ................................................................................................................................3
   ENG 343  American Literature Survey II ................................................................................................................................3
   ENG 345  Survey of Literary Criticism ..................................................................................................................................3
   ENG 400  English Senior Seminar ..........................................................................................................................................3
   ENG  Electives at 300-400 level ..............................................................................................................................................12

   Note: 33 hours are in addition to ENG 111 (or ENG 114), ENG 112 (or ENG 115), and ENG 200.

III. General electives as needed to meet minimum requirements of 120 semester hours.

English Minor
Requirements ...........................................................................................................................................................................21 hours
   The 21 hours must be in addition to ENG 111 (or ENG 114), ENG 112 (or ENG 115), and ENG 200 and must include ENG 311 and either one of the following sequences: ENG 340/341 or ENG 342/343.

Teaching Certification In English
(See Education)

English Course Descriptions
ENG 098  Foundations of Writing I ...........................................................................................................................................3
   (See Developmental Studies)

ENG 099  Foundations of Writing II ...........................................................................................................................................3
   (See Developmental Studies)

ENG 111  Composition I ............................................................................................................................................................3
   This course focuses on practical instruction in the process of reading, planning, and writing short essays, with emphasis on rhetorical strategies for structure and development, and on the basic rules of grammar and punctuation. Prerequisite: ENG 099 or placement by examination.

ENG 112  Composition II ...........................................................................................................................................................3
   This course focuses on additional instruction and practice in writing, with emphasis on argumentation and research. This course is designed to strengthen and refine the skills acquired in ENG 111. Prerequisite: ENG 111 or ENG 114.

ENG 114  Honors Composition I ................................................................................................................................................3
   This course focuses on practical instruction in the use of rhetorical strategies in the writing of short essays. Students will read a significant number of literary works and will write in response to these works. Participation in class discussion is an important element of the course. Prerequisite: ACT English subscore of 29 or higher.

ENG 115  Honors Composition II ................................................................................................................................................3
   This course focuses on instruction in argumentation and research in regard to literary texts. The format of this course requires active in-class participation. Prerequisites: Successful completion of ENG 114, or completion of ENG 111 with a grade of “A” or “B”, an ACT or SAT equivalent English subscore of 26 or higher, and recommendation of English 111 instructor.
ENG 200  **Introduction to Literature** ................................................................. (3)
A study of representative selections in the genres of fiction, drama, and poetry, with emphasis on interpretation and appreciation. Critical approaches and terminology appropriate to each genre will be considered. *Prerequisite: ENG 112 or ENG 115.*

ENG 220  **Introduction to Journalism** ............................................................... (3)
Emphasis on the skills of reporting. Practice in writing and editing news and sports stories, feature articles, and magazine articles, with a glance at reviews, editorials, and columns. *Prerequisite: ENG 112 or ENG 115. Cross-listed as COM 220.*

ENG 230  **Women Authors** .............................................................................. (3)
Survey of major women writers, including emphasis on historical and literary influences on their work and their social and cultural milieux. *Prerequisite: ENG 200.*

ENG 290  **Special Topics** ................................................................................... (3)
Study of a selected topic of special interest, such as a major author, historical period, literary genre, or topic in literature. The topic may differ each time the course is offered and may be proposed by either instructor or student. *Prerequisite: ENG 200.*

ENG 300  **Survey of World Literature Since 1700** ............................................ (3)
Historical literary study of major writers since 1700 in languages other than English. All readings will be English translations of the original works. *Prerequisite: ENG 200.*

ENG 311  **Advanced Composition** .................................................................... (3)
More practice in writing exposition and argument, with emphasis on developing a sophisticated and polished style. Readings in and discussions of logic, semantics, and rhetorical strategies. *Prerequisite: ENG 112 or ENG 115. Cross-listed as COM 311.*

ENG 315  **Linguistics** .......................................................................................... (3)
Study of modern grammar, usage, and a variety of topics concerning language, including the nature and structure of language, language change, and diversity. *Prerequisite: ENG 112 or ENG 115. Cross-listed as COM 315.*

ENG 320  **Advanced Journalism** ....................................................................... (3)
Advanced practices of journalism, including covering courts, police, and governmental agencies, and reporting investigative and feature stories. Legal and ethical issues unique to the profession of journalism are also studied. *Prerequisite: COM 220 or ENG 220. Cross-listed as COM 320.*

ENG 321  **Publications Internship** .......................................................... (1)
Practical experience in writing and editing for a school publication. This course may be taken as many as three times for a total of three hours. *Prerequisites: COM 310 and permission of Instructor. Cross-listed as COM 321.*

ENG 325  **Creative Writing** ............................................................................. (3)
Practice in writing various forms of fiction and poetry, with help from a study of theory and models. *Prerequisite: ENG 112 or ENG 115.*

ENG 330  **Women Authors** .............................................................................. (3)
Survey of major women writers, including emphasis on historical and literary influences on their work and their social and cultural milieux. *Prerequisite: ENG 200.*

ENG 340  **Survey of British Literature I** ............................................................. (3)
Study of British writing from Beowulf to the Augustans, with emphasis on poetry, drama, and the essay. *Pre- or corequisite: ENG 200.*

ENG 341  **Survey of British Literature II** ............................................................ (3)
Study of British writing from the Romantics to the present, with emphasis on poetry, drama, the essay, and short fiction. *Pre- or corequisite: ENG 200.*

ENG 342  **Survey of American Literature I** ..................................................... (3)
Study of American writing from William Bradford through Emily Dickinson, with emphasis on poetry, short fiction, and non-fiction prose. *Pre- or corequisite: ENG 200.*

ENG 343  **Survey of American Literature II** ..................................................... (3)
Study of American writing from Twain to the present, with emphasis on poetry, short fiction, drama, and the essay. *Pre- or corequisite: ENG 200.*

ENG 345  **Survey of Literary Criticism** ............................................................ (3)
Introduction to critical writing and critical theory from Plato and Aristotle to the post-modern period. Written assignments will focus on explication and applications of critical methodology. *Prerequisite: ENG 200.*

ENG 356  **Greco-Roman Mythology** .............................................................. (3)
An introduction to Greco-Roman mythology, including material from Homer, Hesiod, Ovid, Sophocles, Virgil, and other ancient sources. We will look at what makes these works mythological: how they communicate about the nature of the divine, about human, and about the relationship between them as well as how they pass on the information needed in order to survive in that culture. *Prerequisite: REL 213 or REL 214. Cross-listed as REL 356.*

ENG 357  **World Mythology** .......................................................................... (3)
A study of the religious and cultural functions of myth, including material from among Egyptian, Buddhist, Hindu, Chinese, Japanese, Jewish, Christian, Norse, African, Amerindian, Celtic, and modern mythologies (students will have some input as to which cultures we deal with) as well as the work of scholars of myth and religion. We will look at how these works show the worldviews of the cultures they represent and note ways in which their concerns and responses are both similar and different. *Prerequisite: REL 213 or REL 214. Cross-listed as REL 357.*

ENG 360  **Shakespeare** ..................................................................................... (3)
Study of Shakespeare’s major plays and poems in the context of the Elizabethan and Jacobean Ages. *Prerequisite: ENG 200.*
ENG 370 Appalachian Literature
Study of writers of the southern Appalachian region as well as the image of Appalachia and its people in literature. Prerequisite: ENG 200.

ENG 390 Special Topics
Study of a selected topic of special interest, such as a major author, historical period, literary genre, or topic in literature. The topic may differ each time the course is offered and may be proposed by either instructor or students. Prerequisite: ENG 200.

ENG 398 Journalism Internship
Practical experience with one or more local publications, depending on the student’s aim and the availability of positions. Each student must keep a portfolio of work and present a long paper recording and analyzing the experience. May be repeated for a total of six hours. Prerequisite: ENG 220.

ENG 400 English Senior Seminar
Capstone course for those majoring in English. Emphasis will be on critical approaches to literature, advanced literary terminology and analysis, and the principles of English composition. Prerequisites: Senior standing in the English program and consent of Humanities Division Chair.

ENG 499 Directed Individual Study in English
Creative research or reading project devised by the student and pursued under the direction of an appropriate instructor. Prerequisites: ENG 200 and at least one literature course. Offered any session with consent of Instructor, Division Chair, and Dean of the College of Arts and Sciences.

First-Year Studies (FS)
The First-Year Studies program is a joint project between the Office of Student Services and the Office of Academic Affairs. Oversight for the program is the responsibility of the Assistant Dean for Student Services. The purpose of the First-Year Studies program is to help students make the transition to college life. The keystone of this program is the First-Year Studies seminar course required of all first-time freshman and transfer students with less than 15 semester hours of credit.

First-Year Studies Description
FS 100 First-Year Studies
The First-Year Studies Seminar is designed to provide comprehensive guidance to students transitioning into college life. This course provides information on the development of study skills, academic planning and career awareness as well as information about campus resources that are designed to aid in student success. Students will be introduced to the College’s liberal arts emphasis, cultural awareness issues and concepts of personal well-being and life skills development. All first-time freshmen and transfer students with less than 15 credit hours are required to complete the FS 100 or the FS 105 course. Dual credit high school/college courses do not count toward this total. Students who withdraw from or fail the course are required to make subsequent attempts in successive semesters.

FS 105 Foundations for Success
This course familiarizes students with campus resources, teaches practical note-taking and listening skills, raises student awareness of classroom etiquette and instructor expectations, facilitates the development of time management and study skills, and helps students formulate goals and plan careers. Co-requirements: ENG 098 and RED 098. All first-time freshmen and transfer students with less than 15 credit hours are required to complete the FS 100 or the FS 105 course. Dual credit high school/college courses do not count toward this total. Students who withdraw from or fail the course are required to make subsequent attempts in successive semesters.

Geography (GEG)
As a bridge between the social and physical sciences, the discipline of geography is a branch of knowledge concerned with the study of how and why things are distributed over the earth. The program in geography is offered through the Division of Social Sciences.

Geography Course Description
GEG 101 Cultural Geography

German (GER)
German courses are offered through the Division of Humanities. They are designed to provide basic instruction in the language and an introduction to the culture and literature of Germany.

German Course Descriptions
GER 111 Elementary German I
An introductory course, which, with the aid of texts and media, stresses conversation, listening comprehension, and reading, with some attention to writing and grammar. Prerequisites: ENG 099 and RED 099 or placement in ENG 111 or ENG 114.

GER 112 Elementary German II
A continuation of GER 111. Prerequisite: GER 111 or equivalent.

GER 221 Intermediate German I
This course features further development of conversational and reading ability and a review of the basics. Prerequisite: GER 112.
GER 222  Intermediate German II .................................................................(3)
A continuation of GER 221. Prerequisite: GER 221.

Health (HEA)
The program in health is part of the Division of Education. It provides a basic overview of health related issues at the individual and community level.

Health Course Descriptions
HEA 216  Personal and Community Health ..................................................(3)
The principles essential for achieving and maintaining personal and community health.

History (HIS)
The history and history/political science majors are offered through the Division of Social Sciences. These programs focus on the processes of institutional change within societies. Recognizing that human experience is continuous, history seeks to understand how people lived in the past and how their institutions shaped their world and our own. The major in history/political science further addresses these issues, with particular emphasis on the political process and its consequences.

History Major
Basic program for a baccalaureate degree:
I. Core Requirements.................................................................................................................. 52-60 hours
II. History Requirements .................................................................................................. 36 hours
   HIS 221  World Civilization I ........................................................................3
   HIS 222  World Civilization II ........................................................................3
   HIS 225  American History I ........................................................................3
   HIS 226  American History II ........................................................................3
   Electives in American History at the 300-400 level .................................................. 12
   Electives in Non-American History at the 300-400 level ........................................ 9
   Electives in History (either American or Non-American) at the 300-400 level 3
   Note: HIS 301 (History of the Christian Church), HIS 330 (History of Kentucky), and HIS 401 (Religion in America) may not be used to fulfill the required electives in American History or Non-American History. Only one of these courses may count toward the 300-400 electives in History.
III. General electives as needed to meet the minimum requirements of 120 semester hours.

History Minor
Requirements .......................................................................................................................... 21 hours
Must include HIS 221, 222, 225, and 226.

History/Political Science Major
Basic program for a baccalaureate degree:
I. Core Requirements........................................................................................................ 52-56 hours
II. Requirements for Combined Major ............................................................................... 36 hours
   History (21-24 hours)
   HIS 221  World Civilization I ........................................................................3
   HIS 222  World Civilization II ........................................................................3
   HIS 225  United States History I .................................................................3
   HIS 226  United States History II .................................................................3
   HIS  Electives 300-400 level ................................................................. 9-12

   Political Science (12-15 hours)
   PLS 223  United States Government and Politics .........................................3
   PLS  PLS electives, 6 hours at 300-400 level ............................................... 9-12

III. General electives as needed to meet the minimum requirements of 120 semester hours.

History Course Descriptions
HIS 221  World Civilization I ...........................................................................(3)
A survey of the social, cultural, political, and religious development of world civilizations from the origins of man to the Renaissance. Pre- or corequisite: ENG 112 or ENG 115.

HIS 222  World Civilization II ...........................................................................(3)
A continuation of the topics explored in HIS 221, concerning the development and origins of world civilization. Pre- or corequisite: ENG 112 or ENG 115.
HIS 225 American History I ................................................................................................................................................................. (3)
A survey of the British colonial experience in North America and history of the United States from its founding to the post Civil War reconstruction. Considerable emphasis is placed on the changes in American society, as well as important events and conflicts. All topics are examined in a global context. Pre- or corequisite: ENG 112 or ENG 115.

HIS 226 American History II ................................................................................................................................................................. (3)
A continuation of HIS 225, which examines the history of the United States from the post Civil War period to the present. All topics are examined in a global context. Pre- or corequisite: ENG 112 or ENG 115.

HIS 301 History of the Christian Church ........................................................................................................................................ (3)
The historical and theological movements in the Church, from its earliest foundations to the counter Reformation. Emphasis will be placed on the interaction of the Church with other prevailing European social, cultural, and political institutions. Prerequisites: REL 214 and HIS 221. Cross-listed as REL 301.

HIS 312 Russia and the Soviet Union Since 1917 ........................................................................................................................................ (3)
A study of the history of Russia and the Soviet Union 1917. With special emphasis on the cultural, ethnic, and geographic make-up of the Soviet Union, the ideological and political structure of the Soviet government, and the causes and outcomes of various events in Soviet and Russian history and their differing interpretations. Prerequisite: HIS 222.

HIS 314 British History Since 1815 ................................................................................................................................................ (3)
A study of Britain’s political, social, diplomatic, and economic development during the modern period. Special consideration given to the further development of parliamentary democracy and the Cabinet. Emphasis is placed upon the role of Britain in World Wars I and II and its position in the contemporary world. Prerequisite: HIS 222.

HIS 324 Europe, 1815 - 1920 ................................................................................................................................................................. (3)
The history of Europe from the Congress of Vienna through World War I, with special stress on nationalism, the Industrial Revolution, imperialism, and diplomacy. Prerequisite: HIS 222.

HIS 330 History of Kentucky .............................................................................................................................................................. (3)
A survey of Kentucky history from the 1600’s to the 1900’s. Topics of emphasis include: native American history, antebellum political and social history, African-American history, women’s history, and local history. Prerequisite: HIS 225.

HIS 364 Imperial China ................................................................................................................................................................. (3)
This is an examination of the philosophical, cultural, and political development of Imperial Chinese dynasties up to the fall of the Ming Dynasty in 1644. Included will be a study of Chinese geography and a concentration upon the continuing ethnic struggles that influenced Chinese development. Prerequisites: HIS 221 and HIS 222 or Instructor’s permission.

HIS 365 Modern China 1644-Present ................................................................................................................................................ (3)
A survey of the economic, cultural, and political development of modern China. The course examines changing values and how the popular uprisings of the late Qing Dynasty led to the Communist revolution of the 20th century. A special emphasis is placed upon the lingering effects of colonialism and how that legacy continues to influence China’s relations with western nations. Prerequisites: HIS 221 and HIS 222 or Instructor’s permission.

HIS 401 Religion in America ................................................................................................................................................................. (3)
The study of the phenomenon of religion in America and its historical and cultural development from the early colonial period to the present. Emphasis will be placed on the dominance of religious institutions within colonial American society; historical and current definitions of religious freedom; and the contribution of various religious groups to the overall development of the American character. Students will also be given the opportunity to participate in a local church history project as part of their course work. Prerequisites: HIS 225 and HIS 226, and at least one course in Religion or approval by course Instructor. Cross listed as REL 401.

HIS 426 Colonial and Revolutionary America, 1600-1781 ....................................................................................................................... (3)
A study of the growth of colonial America up through revolution and independence. Topics examined will be the search for colonial stability and order, the role of religion in shaping colonial attitudes, and the colonial relationship to an expanding Atlantic World. Prerequisites: HIS 225 and HIS 226.

HIS 427 Americans United and Divided, 1781-1865 ........................................................................................................................................ (3)
An examination of the rapid political, economic, and social changes that shaped the United States in the nineteenth century, and ultimately led to the Civil War. Among the topics addressed will be slavery and antebellum reform, the dispute over constitutional interpretations of states rights, and the evolution of a two party system. Prerequisites: HIS 225 and HIS 226.

HIS 429 America Enters the Modern Age, 1865-1900 ........................................................................................................................................ (3)
This course studies the industrialization and urbanization of the United States during the nineteenth and early twentieth century. Topics include Reconstruction, the growth of the federal government in response to change, Imperialism, and the rise of populism. Prerequisites: HIS 225 and HIS 226.

HIS 431 The United States from 1900 to 1945 ........................................................................................................................................ (3)
A study of early twentieth century US history from the progressive era to the end of World War II. Topics include the Progressives at home and abroad, the Depression, World Wars I and II, and the growing role of the United States in the world. Prerequisites: HIS 225 and HIS 226.

HIS 432 The United States from 1945 to the Present .................................................................................................................................... (3)
A study of late twentieth century US history from the end of World War II to the present. Topics include the Cold War, the Korean and Vietnam Wars, Civil Rights, Watergate, and the changing role of the United States in the world. Prerequisites: HIS 225 and HIS 226.

HIS 448 The Development of the American Constitution ....................................................................................................................... (3)
A study of the development of the Constitution of the United States and its interpretation as a result of judicial interpretation, statutes, and amendments. Prerequisites: HIS 225 and HIS 226 or PLS 223. Cross-listed as PLS 448.
Humanities (HUM)
The Humanities courses are offered by the Division of Humanities. They provide an interdisciplinary introduction to western civilization and culture.

Humanities Course Descriptions

HUM 211  Interdisciplinary Humanities I ................................................................................................................................................................... (3)
An introduction to the culture of western civilization from the period of the ancient world through the Renaissance. Emphasis is placed on the interaction between art, music, literature, and philosophy and the cultural ideals in each period which gave rise to particular works in each area. Prerequisites: ENG 111 or ENG 114 and ENG 112 or ENG 115.

HUM 212  Interdisciplinary Humanities II ................................................................................................................................................................... (3)
An introduction to the culture of western civilization from the Baroque period through the 20th century. Emphasis is placed on the interaction between art, music, literature, and philosophy and the cultural ideals in each period which gave rise to particular works in each area. Prerequisites: ENG 111 or ENG 114 and ENG 112 or ENG 115.

HUM 230  Set Design and Technical Theatre Production ................................................................................................................................................... (3)
This is a hands-on course that provides technical support for the University of Pikeville’s annual musical or drama productions. In addition to set design and construction, and technical support during performances, students will learn the basic roles and responsibilities of backstage theatre and how the various elements of technical support are integrated into a final production. Students will also study highlights of theatre history as it pertains to stage technologies that have been used by playwrights, directors, and actors. Course requires participation in the University’s annual musical or drama production and requires a commitment to the demands of set construction, rehearsals, and final public performance. Prerequisite or Co-requisite: ENG 111 or ENG 114. Not to be taken concurrently with HUM 330 or HUM 331.

HUM 231  Technical Theatre Production Practicum ...................................................................................................................................................... (1)
This one credit hour course is a follow up to the HUM 230 course for students who wish to continue to be involved with and refine their skills and knowledge associated with the technical side of a theatrical production. Course requires participation in the University’s annual musical or drama production and requires a commitment to the demands of set construction, rehearsals, and final public performance. Prerequisite: HUM 230. Not to be taken concurrently with HUM 330 or HUM 331. Course may be repeated twice for credit.

HUM 330  Theatre Performance: Musical ................................................................................................................................................................. (3)
This course provides training and practical experience in musical productions for students who are cast in featured roles for the University’s annual musical productions. Students will receive instruction in body and stage movement, voice-for-stage techniques, stage presence, character development, scene performance, and ensemble acting. Participation requires an audition with the production director, casting in a featured role for the current musical production, and commitment to the demands of rehearsals and final public performances. Prerequisite: Permission of the Instructor. Not to be taken concurrently with HUM 230 or Hum 231.

HUM 331  Theatre Performance Practicum: Musical ...................................................................................................................................................... (1)
This one credit hour course is a follow up to the HUM 330 course for students who wish to continue to be involved with and refine their skills and knowledge associated with the performance side of a musical production. Participation requires an audition with the production director, casting in a featured role for the current musical production, and commitment to the demands of rehearsals and final public performances. Prerequisites: HUM 330 and Permission of the Instructor. Not to be taken concurrently with HUM 230 or HUM 231. Course may be repeated twice for credit.
Interdisciplinary Studies (IDS)
The Interdisciplinary Studies major is designed to allow students, under the supervision of selected faculty, an opportunity to pursue a course of study outside existing majors by combining course work around a theme or topic utilizing an interdisciplinary approach. Students majoring in Interdisciplinary Studies are expected to complete an IDS application to declare their intentions as early as possible, but no later than the first semester of the junior year. For more information and an application, please contact the Office of Academic Affairs.

Interdisciplinary Studies Major
I. Core Requirements......................................................................................................................................................................................... 52-60 hours
II. Interdisciplinary Studies Requirements .................................................................................................................................................... 45-48 hours
   (Minimum of 27 hours at 300-400 level)

   Two-Discipline Option
   Minimum of 21 hours each in two disciplines with at least 12 hours in each discipline at 300-400 level
   IDS 400 Interdisciplinary Studies Project ...... 3-6 hours

   OR

   Three-Discipline Option
   Minimum of 21 hours in one discipline with at least 12 hours at 300-400 level
   Minimum of 21 hours in a combination of two additional disciplines with at least 12 hours at 300-400 level
   IDS 400 Interdisciplinary Studies Project ...... 3-6 hours

III. General electives as needed to meet minimum requirement of 120 semester hours.

Interdisciplinary Studies Course Description
IDS 400 Interdisciplinary Studies Project .............................................................................................................................................................. (3-6)

Students will pursue academic research or other creative activity resulting in tangible project to demonstrate synthesis of interdisciplinary studies theme or topic. Prerequisite: A formal written proposal approved by the student’s Faculty Advisory Committee, the Division Chair(s), the Curriculum Committee and the Dean of the College of Arts and Sciences.

Mathematics (MTH)
The Mathematics program at the University of Pikeville is part of the Division of Mathematics and Natural Sciences. This program is designed to promote critical thinking and analytical reasoning and to prepare students for mathematical careers in business, government, teaching, and industry.

Mathematics Major
Basic program for a baccalaureate degree
I. Core Requirements......................................................................................................................................................................................... 52-60 hours
II. Mathematics Requirements ................................................................................................................................................................................. 33 hours
   MTH 121 Calculus I................................................................................................................................................................4
   MTH 222 Calculus II...............................................................................................................................................................4
   MTH 223 Calculus III.............................................................................................................................................................4
   MTH 303 Introduction to Abstract Mathematics ....................................................................................................................3
   MTH 322 Differential Equations .............................................................................................................................................3
   MTH 335 Linear Algebra .........................................................................................................................................................3
   MTH Math electives at 300-400 level ................................................................................................................................................9
   CS One computer language course ........................................................................................................................................9

III. Related Studies Requirements .............................................................................................................................................................................. 8 hours
   PHY 223/224 or CS 221/222

IV. General electives as needed to meet the minimum requirements of 120 semester hours.

Mathematics Minor
I. Mathematics Requirements .................................................................................................................................................................................. 21 hours
   Must include MTH 121, 222, 223, 335 and MTH electives at the 200 level or higher.
   Note: MTH 200 may not be used for Mathematics minor.

II. Related Studies Requirements ......................................................................................................................................................................... 4 hours
   PHY 223 or CS 221.

Teaching Certification In Mathematics
(See Education)
### Mathematics Course Descriptions

**MTH 098** Fundamentals of Mathematics  ........................................................................................................................................................................................ (3)
*(See Developmental Studies)*

**MTH 099** Beginning Algebra ........................................................................................................................................................................................ (3)
*(See Developmental Studies)*

**MTH 111** Algebra for College Students ................................................................................................................................................................................ (3)
A study of algebraic concepts and operations including products and factors of polynomials, equivalent fractions, powers and roots, linear and quadratic equations, graphs of functions and equations, solution of systems of equations, and practical applications. Skills in problem solving are developed. **Prerequisite: MTH 099 or placement by examination.**

**MTH 113** Precalculus Algebra ................................................................................................................................................................................ (3)
Further study of topics in algebra including linear and quadratic equations, functions, relations, and their graphs, polynomials and rational functions, exponential and logarithmic functions, systems of linear equations, and applications. **Prerequisite: MTH 111 or placement by examination.**

**MTH 114** Trigonometry ............................................................................................................................................................................................ (2)
A study of concepts and applications of circular and trigonometric functions. Includes graphs of trigonometric functions, inverse trigonometric functions, circular motion, solution of triangles, and trigonometric identities. **Should be taken concurrently with MTH 113.**

**MTH 115** Fundamentals of Geometry ............................................................................................................................................................................. (3)
A study of plane and solid geometry, including properties of triangles, quadrilaterals, regular polygons, and circles, and congruence, similarity, area, volume, and transformations and symmetry. **Prerequisite: MTH 111 or higher.**

**MTH 121** Calculus I ................................................................................................................................................................................................................. (4)
A study of functions, limits and continuity, derivatives, and an introduction to integrals. Applications to finding tangent lines, solving maximum and minimum problems, solving related rate problems, and finding areas. **Prerequisites: MTH 113 and 114 or placement by examination.**

**MTH 200** Elementary Probability and Statistics ................................................................................................................................................................. (3)
A study of the basic concepts of probability and statistics including permutations, combinations, binomial distributions and standard deviations, with emphasis on interpretations and hypothesis testing. **Prerequisite: MTH 111 or higher. Cannot be used for the Mathematics Minor.**

**MTH 222** Calculus II ................................................................................................................................................................................................... (4)
A study of exponential and logarithmic functions, applications of the integral to finding volumes, arc lengths, surface areas, and centroids, techniques of integration, polar coordinates, and indeterminate forms. **Prerequisite: MTH 121.**

**MTH 223** Calculus III ........................................................................................................................................................................................................... (4)
A study of infinite series, parametric equations, vectors in the plane, curves and surfaces in space, partial derivatives, and multiple integrals. **Prerequisite: MTH 222.**

**MTH 251** Discrete Mathematics ...................................................................................................................................................................................... (3)
A study of the elements of sets, set operations, mathematical induction, basic counting techniques, and recurrence relations. **Prerequisite: MTH 113 or higher.**

**MTH 290** Special Topics ............................................................................................................................................................................................ (1-4)
A study of a selected topic of special interest. The topic may differ each time the course is offered and may be proposed by either the instructor or by the student. May be taken for credit any number of times, provided a different topic is offered each time. **Prerequisite: Consent of Instructor.**

**MTH 299** Directed Study .................................................................................................................................................................................. (1-3)
Individual basic study of a selected topic in mathematics, under the direction of a member of the faculty. Normally open only to students who have completed all regularly offered courses in the mathematics major. **Prerequisites: Consent of the Instructor, Division Chair, and Dean of the College of Arts and Sciences.**

**MTH 303** Introduction to Abstract Mathematics ............................................................................................................................................................... (3)
An introduction to abstract mathematics and proofs by means of a study of selected topics in elementary number theory. **Prerequisite: MTH 222 or a prerequisite of MTH 251 and a co-requisite of MTH 222.**

**MTH 305** History of Mathematics ...................................................................................................................................................................................... (3)
A chronological presentation of the development of the science of mathematics, with emphasis placed on the significant problems, inconsistencies, and discoveries that led to the growth of the field of mathematics. **Prerequisite: MTH 223.**

**MTH 307** Complex Variables .................................................................................................................................................................................... (3)
Functions, limits, continuity, differentiation, and integration of functions of a complex variable are examined. Also, contour integration and applications to physics and mechanics are presented. **Prerequisite: MTH 223.**

**MTH 320** Introduction to Numerical Methods ................................................................................................................................................................. (3)
Algorithms for the solution of numerical problems implemented on micro-computers; includes discussion of error, polynomial interpolation, solution of nonlinear equations, and numerical integration. **Prerequisites: MTH 222 and either CS 112 or 221. Cross-listed as CS 320.**

**MTH 322** Differential Equations .................................................................................................................................................................................... (3)
A study of simple types of ordinary differential equations of the first order and higher orders, series solutions, LaPlace transforms, and applications. **Prerequisite: MTH 223.**
MTH 335 Linear Algebra .............................................................................................................................................................................. (3)
A study of vector spaces, linear equations, linear transformations, matrices, determinants, and geometric applications of these concepts. Prerequisite: MTH 222.

MTH 400 Advanced Geometry .............................................................................................................................................................................. (3)
A study of advanced topics in plane and solid geometry. Topics may include, but are not limited to, methods of proof, constructions, loci, elementary transformations, introduction to non-Euclidean geometry, and introduction to projective geometry. Prerequisite: MTH 303.

MTH 410 Abstract Algebra .......................................................................................................................................................................................... (3)
A study of abstract binary operations, groups, rings, and fields. Prerequisite: MTH 303 or consent of the Instructor.

MTH 490 Special Topics ......................................................................................................................................................................................... (1-4)
A study of a selected topic of special interest. The topic may differ each time the course is offered and may be proposed by either the Instructor or by students. Prerequisite: MTH 223 or consent of the Instructor. May be taken for credit any number of times, provided that a different topic is studied each time.

MTH 495 Seminar in Mathematics .............................................................................................................................................................................. (3)
Study of a variety of mathematical topics of interest to instructor and students, with active student participation emphasized. Prerequisites: Senior standing, Mathematics major, and consent of the Instructor.

MTH 499 Directed Study ......................................................................................................................................................................................... (1-3)
Individual advanced study of a selected topic in mathematics, under the direction of a member of the faculty. Normally open only to students who have completed all regularly offered courses in the mathematics major. Prerequisites: Consent of the Instructor, Division Chair, and Dean of the College of Arts and Sciences.

Military Science and Leadership (MSL)
The Military Science and Leadership Program is part of the Division of Business and Economics. The Program offers University of Pikeville students the opportunity to participate in the Reserve Officers Training Programs (ROTC) of the U.S. Army. Army ROTC is a program that provides college-trained officers for the U.S. Army, the Army National Guard, and the U.S. Army Reserve. Traditionally, Army ROTC is a four-year program consisting of basic and advanced courses. However, there is an option for transfer students and students who missed ROTC during their first two years at University of Pikeville that allows students to qualify for the Advanced Course Program and to earn a commission as well as a minor in Military Science and Leadership. Students completing the entire four-year program can earn a minor in Military Science and Leadership. Most of the courses and related activities are offered on the University of Pikeville campus. For off-campus activities and courses, students are responsible for their own transportation.

The Basic Course Program: The Basic Course Program (100- and 200-level MSL courses) begins the leadership development process and is open to all University of Pikeville students. These courses acquaint students with the Army and introduce fundamental individual leadership skills. The Basic course Program is designed to build leadership skills and to facilitate student commitment to the full four-year ROTC program. Students do not incur military obligation by participating in the Basic Course Program. Subject to approval, students with prior military service or membership in the National Guard or Reserves may receive credit for MSL 230.

The Advanced Course Program: The Advanced Course Program (300- and 400-level Military Science and Leadership courses) is designed to offer students advanced leadership training and to prepare them to become officers in the U.S. Army. All advanced program students are required to successfully complete the Leadership Development Assessment Course (LDAC). The LDAC is normally attended during the summer prior to the last year of the ROTC program. While attending the LDAC, students receive stipends, and the U.S. Army furnishes travel expenses, uniforms, quarters, medical care, and rations.

Students wishing to complete the advanced course curriculum must be of high moral character and meet required medical, aptitude, and GPA requirements before enrollment in the advanced course program. In addition, they must sign an agreement to fulfill a military service requirement in the active Army, the Army Reserve, or the National Guard. The applicant for the Advanced Course Program must:

1. Be a citizen of the United States or an alien in a category approved by the Department of the Army. Approval must be granted prior to enrollment.
2. Be at least 17 years of age at the time of enrollment and not reach 30 years of age at the time of commissioning in the U.S. Army (this may be waived).
3. Be medically qualified in accordance with standards prescribed by the Department of the Army.
4. Have satisfactorily completed the Basic Course Program or the Leader’s Training Course (LTC) or have equivalent military or ROTC training. Veterans holding honorable discharges may qualify for the Advanced Course Program.
5. Have a minimum overall academic average of 2.0 and have completed a minimum of 60 credit hours.
6. Be selected by the Department of Military Science and Leadership.
7. Execute a written agreement with the government to complete the two-year advanced course of training; attend LDAC; agree in writing to accept an appointment as a commissioned officer in the Army Reserve or National Guard; and serve a prescribed tour of active or reserve component duty as a commissioned officer.

For more information regarding application to the Advanced Course Program, contact the Military Science and Leadership Program Coordinator.
Military Science and Leadership Minor

Military Science and Leadership Requirements .................................................................................................................................................................................................................................................. 21 hours

Basic Course Program

Complete any 6 hours from the following:

- MSL 101 Introduction to Military Science ................................................................................................................................. (2)
- MSL 102 Introduction to Leadership ................................................................................................................................................ (2)
- MSL 110 Basic Military Science Leadership Lab .......................................................................................................................... (2)
- MSL 120 Basic Military Science Leadership Lab .......................................................................................................................... (1)
- MSL 201 Self/Team Development ......................................................................................................................................................... (2)
- MSL 202 Individual / Team Military Tactics ................................................................................................................................. (2)
- MSL 210 Basic Military Science Leadership Lab .......................................................................................................................... (1)
- MSL 220 Basic Military Science Leadership Lab .......................................................................................................................... (1)
- MSL 230 Military Leader’s Training Course ........................................................................................................................................ (4)

Advanced Course Program

Must complete all classes

- MSL 301 Leading Small Organizations I ......................................................... (2)
- MSL 302 Leading Small Organizations II ................................................................................................................................. (2)
- MSL 310 Advanced Military Science Leadership Lab ......................................................... (1)
- MSL 320 Advanced Military Science Leadership Lab ......................................................... (1)
- MSL 401 Leadership Challenges and Goal Setting ......................................................... (2)
- MSL 402 Transition to Officer ......................................................................................... (2)
- MSL 410 Advanced Military Science Leadership Lab ......................................................... (1)
- MSL 420 Advanced Military Science Leadership Lab ......................................................... (1)

Related Studies Requirement ................................................................................................................................................................................................................................. 3 hours

Select one of the following History electives

- HIS 312 Russia and the Soviet Union Since 1917 ................................................................................................................................. 3
- HIS 314 British History Since 1815 ................................................................................................. 3
- HIS 324 Europe, 1815 - 1920 ................................................................................................. 3
- HIS 365 Modern China 1644 - Present ......................................................................................... 3
- HIS 426 Colonial and Revolutionary America, 1600 – 1781 ......................................................... 3
- HIS 427 Americans United and Divided, 1781 - 1865 ......................................................... 3
- HIS 431 The United States from 1900 to 1945 ................................................................................................................................. 3
- HIS 432 The United States from 1945 to Present ................................................................................................................................. 3
- HIS 463 American Foreign Relations, 1776 to Present ................................................................................................................................. 3

Military Science Course Descriptions

MSL 101 Introduction to Military Science ................................................................................................................................. (2)

Learn fundamental concepts of leadership in both the classroom and outdoor laboratory environments with activities in basic drill, physical fitness, rappelling, first aid, basic marksmanship, etc. Course includes an optional (required for contract cadets) Leadership Laboratory where students learn and practice skills and gain insight into military service and optional participation in three one-hour physical fitness sessions each week (required for contract cadets). Participation in a weekend training exercise is available. Participation in MSL 101 is open to all University of Pikeville students and does not incur a military science obligation.

MSL 102 Introduction to Leadership ................................................................................................................................. (2)

Students learn and apply the principles of effective leadership, reinforce self-confidence through participation in physically and mentally challenging exercises with upper division ROTC students, develop communication skills to improve individual performance and group interaction, and relate organizational ethical value to the effectiveness of a leader. Course includes an optional (required for contract cadets) Leadership Laboratory where students learn and practice basic skills and gain insight into military service and optional participation in three one-hour physical fitness sessions each week (required for contract cadets). Participation in a weekend training exercise is available. Participation in MSL 102 is open to all University of Pikeville students and does not incur a military service obligation.

MSL 110 Basic Military Science Leadership Lab ................................................................................................................................. (1)

Only open to students enrolled in MSL 101. Series with different roles for students at different levels in the program. Learn and practice basic skills, gain insight into advanced course in order to make an informed decision whether to apply for it. Build self confidence and team building leadership skills that can be applied throughout life. Laboratory, two hours per week and two weekend exercises.

MSL 120 Basic Military Science Leadership Lab ................................................................................................................................. (1)

Only open to students enrolled in MSL 102. Series with different roles for students at different levels in the program. Learn and practice basic skills, gain insight into advanced course in order to make an informed decision whether to apply for it. Build self confidence and team building leadership skills that can be applied throughout life. Laboratory, two hours per week and two weekend exercises.
MSL 201 Staff/Team Development ...........................................................................................................(2)
Learn and apply ethics-based leadership skills that develop individual abilities and contribute to the building of effective teams of people. Develop skills in oral presentations, writing concisely, planning of events, coordination of group efforts advanced first aid, land navigation, and basic military tactics. Learn fundamental of ROTC’s Leadership Assessment Program. Course includes an optional (required for contract cadets) Leadership Laboratory where students learn and practice basic skills and gain insight into military service and optional participation in three one-hour physical fitness sessions each week (required for contract cadets). Participation in a weekend training exercise is available. Participation in MSL 201 is open to all University of Pikeville students and does not incur a military service obligation.

MSL 202 Individual/Team Military Tactics ...........................................................................................................(2)
The course is an introduction to individual and team aspects of military tactics in small unit operations. The course includes use of radio communications, making safety assessments, movement techniques, planning for team safety/security, and methods of pre-execution checks as well as practical exercise with upper division ROTC students. Learn techniques for training others as an aspect of continued leadership development. Course includes an optional (required for contract cadets) Leadership Laboratory where students learn and practice basic skills and gain insight into military service and optional participation in three one-hour physical fitness sessions each week (required for contract cadets). Participation in a weekend training exercise is available. Participation in MSL 202 is open to all University of Pikeville students and does not incur a military service obligation.

MSL 210 Basic Military Science Leadership Lab...........................................................................................................(1)
Only open to students enrolled in MSL 201. Series with different roles for students at different levels in the program. Learn and practice basic skills. Gain insight into advanced course in order to make an informed decision whether to apply for it. Build self-confidence and team building leadership skills that can be applied throughout life. Laboratory, two hours per week and two weekend exercises.

MSL 220 Basic Military Science Leadership Lab ...........................................................................................................(1)
Only open to students enrolled in MSL 202. Series with different roles for students at different levels in the program. Learn and practice basic skills. Gain insight into advanced course in order to make an informed decision whether to apply for it. Build self-confidence and team building leadership skills that can be applied throughout life. Laboratory, two hours per week and two weekend exercises.

MSL 230 Military Leader’s Training Course ...........................................................................................................(4)
The Army ROTC Leader’s Training Course (LTC) is a four-week training event conducted at Fort Knox, Kentucky. At the LTC, students receive instruction in those subjects taught during the Basic Course Program. The course provides students a way to successfully complete the Basic Course Program and to qualify for the Advanced Course Program without having taken the normal Basic Course Program sequence. Graded on a pass/fail basis, credit is only awarded in lieu of credit for MSL 101, 102, 201 and 202. Prerequisites: Permission of the Military Science and Leadership Program Coordinator.

MSL 301 Leading Small Organizations I ...........................................................................................................(2)
A series of practical opportunities to lead small groups, receive personal assessment and encouragement, and lead again in situations of increasing complexity. Students use small unit tactics and opportunities to plan and conduct training for lower division students both to develop such skills and as vehicles for practicing leadership. Course includes a Leadership Laboratory where students have leadership responsibilities for the planning, coordination, execution, and evaluation of various training and activities with basic course students and the ROTC program as a whole. Students develop, practice, and refine leadership skills by serving and being evaluated in a variety of responsible positions. Course also requires participation in three one-hour sessions for physical fitness each week and participation in one weekend exercise. Additional weekend training exercises may be offered for optional participation. Prerequisites: Successful completion of the Basic Course Program and successful application to the Advanced Course Program.

MSL 302 Leading Small Organizations II .............................................................................................................(2)
The course continues the methodology of MSL 301. Analyze tasks; prepare written or oral guidance for team members to accomplish task. Delegate tasks and supervise. Plan for and adapt to the unexpected in organization under stress. Examine and apply lessons from leadership case studies. Examine importance of ethical decision making in setting a positive climate that enhances team performance. Course includes a Leadership Laboratory where students have leadership responsibilities for the planning, coordination, execution, and evaluation of various training and activities with basic course students and the ROTC program as a whole. Students develop, practice, and refine leadership skills by serving and being evaluated in a variety of responsible positions. Course also requires participation in three one-hour sessions for physical fitness each week and participation in one weekend training exercise. Additional weekend exercises may be offered for optional participation. Prerequisites: MSL 301 or permission of the Military Science and Leadership Program Coordinator.

MSL 310 Advanced Military Science Leadership Lab ...............................................................................................(1)
A hands-on practicum which exposes the student to the military skills required for advanced technical and tactical competence as an Army officer. The course affords junior cadets opportunities to develop and refine their leadership style and abilities under differing constraints and environments. Students develop, practice, and refine leadership skills by serving and being evaluated in a variety of responsible positions. Laboratory, two hours per week and two weekend exercises. Corequisite: MSL 301.

MSL 320 Advanced Military Science Leadership Lab ...............................................................................................(1)
A hands-on practicum which exposes the student to the military skills required for advanced technical and tactical competence as an Army officer. The course affords junior cadets opportunities to develop and refine their leadership style and abilities under differing constraints and environments. Students develop, practice, and refine leadership skills by serving and being evaluated in a variety of responsible positions. Laboratory, two hours per week and two weekend exercises. Corequisite: MSL 302.

MSL 330 ROTC Leadership Development Assessment Course ..................................................................................(4)
The Army ROTC Leader Development and Assessment Course (LDAC) is a six-week training event for Army ROTC cadet officer candidates and is normally taken by cadets between the third and fourth year of their Military Science and Leadership program. The LDAC incorporates a wide range of subjects designed to develop and evaluate leadership ability. Prerequisites: Permission of the Military Science and Leadership Program Coordinator.

MSL 401 Leadership Challenges and Goal Setting ...........................................................................................................(2)
Plan, conduct, and evaluate activities of the ROTC cadet organization. Articulate goals, put plans into action to attain them. Assess organizational cohesion and develop strategies to improve it. Develop confidence in skills to lead people and manage resources. Learn/apply various Army policies and programs in
this effort. Course includes a Leadership Laboratory where students have leadership responsibilities for the planning, coordination, execution, and evaluation of various training and activities with basic course students and for the ROTC program as a whole. Students develop, practice, and refine leadership skills by serving and being evaluated in a variety of responsible positions. Course also requires participation in three one-hour sessions for physical fitness each week and participation in one weekend training exercise. Additional weekend exercises may be offered for optional participation. Prerequisite: MSL 402 and MSL 339 or permission of the Military Science and Leadership Program Coordinator.

MSL 402 Transition to Officer .................................................................(2)
The course continues the methodology from MSL 401. Identify and resolve ethical dilemmas. Refine counseling and motivating techniques. Examine aspects of tradition and law as related to leading as an officer in the United States Army. Prepare for future as a successful Army Lieutenant. Course includes a Leadership Laboratory where students have leadership responsibilities for the planning, coordination, execution, and evaluation of various training and activities with basic course students and for the ROTC program as a whole. Students develop, practice, and refine leadership skills by serving and being evaluated in a variety of responsible positions. Laboratory, two hours per week and two weekend exercises. Corequisite: MSL 401.

MSL 410 Advanced Military Science Leadership Lab ..................................................(1)
A hands-on practicum which exposes the student to the military skills required for advanced technical and tactical competence as an Army officer. The course affords junior cadets opportunities to develop and refine their leadership style and abilities under differing constraints and environments. Students develop, practice, and refine leadership skills by serving and being evaluated in a variety of responsible positions. Laboratory, two hours per week and two weekend exercises. 

MSL 420 Advanced Military Science Leadership Lab ..................................................(1)
A hands-on practicum which exposes the student to the military skills required for advanced technical and tactical competence as an Army officer. The course affords junior cadets opportunities to develop and refine their leadership style and abilities under differing constraints and environments. Students develop, practice, and refine leadership skills by serving and being evaluated in a variety of responsible positions. Laboratory, two hours per week and two weekend exercises. Corequisite: MSL 402.

Music (MUS)
The music courses offered through the Division of Humanities will enable students to develop an awareness and appreciation for music of other cultures and time eras. Courses in the music minor will develop the whole musician by providing students a firm knowledge in music theory, music literature, and performance through solo and ensemble experience as they pursue artistry and mastery of their disciplines.

The music department currently offers the minor in the disciplines of voice and piano. Prior to first semester enrollment, students must meet with music faculty to determine proper placement in the music theory and class piano sequences.

**Minor in Music**

**Core Minor Requirement**

<table>
<thead>
<tr>
<th>Minor Requirements</th>
<th>14 hours</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Music Theory</strong></td>
<td></td>
</tr>
<tr>
<td>MUS 120 Music Theory I</td>
<td>3</td>
</tr>
<tr>
<td>MUS 121 Musical Skills I</td>
<td>1</td>
</tr>
<tr>
<td>MUS 125 Music Theory II</td>
<td>3</td>
</tr>
<tr>
<td>MUS 126 Musical Skills II</td>
<td>1</td>
</tr>
<tr>
<td><strong>Musicology</strong></td>
<td></td>
</tr>
<tr>
<td>MUS 210 Music Literature I</td>
<td>3</td>
</tr>
<tr>
<td>MUS 215 Music Literature II</td>
<td>3</td>
</tr>
</tbody>
</table>

**Additional Requirements**

**Vocal Emphasis** .................................................................(11) hours

<table>
<thead>
<tr>
<th>Private Applied</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>MUS 152 Private Voice</td>
<td>2*</td>
</tr>
<tr>
<td>MUS 252 Private Voice</td>
<td>2*</td>
</tr>
<tr>
<td>MUS 370 Comprehensive Recital</td>
<td>1</td>
</tr>
<tr>
<td><strong>Ensemble</strong></td>
<td></td>
</tr>
<tr>
<td>MUS 101 Concert Choir</td>
<td>2*</td>
</tr>
<tr>
<td>MUS 201 Concert Choir</td>
<td>2*</td>
</tr>
<tr>
<td><strong>Class Instruction</strong></td>
<td></td>
</tr>
<tr>
<td>MUS 131 Class Piano I</td>
<td>1</td>
</tr>
<tr>
<td>MUS 132 Class Piano II</td>
<td>1</td>
</tr>
</tbody>
</table>

*Note: These one hour courses may be taken twice for credit.*

**Piano Emphasis** .................................................................(11) hours

<table>
<thead>
<tr>
<th>Private Applied</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>MUS 151 Private Piano</td>
<td>2*</td>
</tr>
<tr>
<td>MUS 251 Private Piano</td>
<td>2*</td>
</tr>
<tr>
<td>MUS 370 Comprehensive Recital</td>
<td>1</td>
</tr>
<tr>
<td>Course Code</td>
<td>Course Title</td>
</tr>
<tr>
<td>------------</td>
<td>--------------------------------------------------</td>
</tr>
<tr>
<td>MUS 101</td>
<td>Concert Choir</td>
</tr>
<tr>
<td>MUS 102</td>
<td>Concert Band</td>
</tr>
<tr>
<td>MUS 103</td>
<td>Collaborative Piano</td>
</tr>
<tr>
<td>MUS 115</td>
<td>Appreciation of Music: Classical</td>
</tr>
<tr>
<td>MUS 116</td>
<td>Appreciation of Music: Rock and Roll</td>
</tr>
<tr>
<td>MUS 120</td>
<td>Music Theory I</td>
</tr>
<tr>
<td>MUS 121</td>
<td>Musical Skills I</td>
</tr>
<tr>
<td>MUS 125</td>
<td>Music Theory II</td>
</tr>
<tr>
<td>MUS 126</td>
<td>Musical Skills II</td>
</tr>
<tr>
<td>MUS 131</td>
<td>Class Piano I</td>
</tr>
<tr>
<td>MUS 132</td>
<td>Class Piano II</td>
</tr>
<tr>
<td>MUS 141</td>
<td>Class Voice</td>
</tr>
<tr>
<td>MUS 151</td>
<td>Private Piano</td>
</tr>
<tr>
<td>MUS 152</td>
<td>Private Voice</td>
</tr>
<tr>
<td>MUS 201</td>
<td>Concert Choir</td>
</tr>
</tbody>
</table>
MUS 202 Concert Band
The Concert Band provides students with the opportunity to study instrumental literature varying from chamber settings to full symphonic band orchestration while allowing them to serve as ambassadors for the institution through various performance settings. Participation requires an audition with the ensemble director. May be repeated once for credit. Does not count toward the General Education Humanities requirement.

MUS 210 Music Literature I
A focused survey of world music traditions and Western musical literature from Early music through the late Classical era. Prerequisite/Corequisite: ENG 111 or ENG 114.

MUS 215 Music Literature II
A focused survey of popular music trends and Western musical literature from the Romantic era through Contemporary practices. Prerequisite/Corequisite: ENG 111 or ENG 114.

MUS 251 Private Piano
Private instruction on principal instrument. Literature studied, appropriately chosen for its technical, musical, and interpretive demands, will prepare students for end of semester performance requirements. May be repeated once for credit. Does not count toward the General Education Humanities requirement. Fee $100.

MUS 252 Private Voice
Private instruction on principal instrument. Literature studied, appropriately chosen for its technical, musical, and interpretive demands, will prepare students for end of semester performance requirements. May be repeated once for credit. Does not count toward the General Education Humanities requirement. Fee $100.

MUS 301 Concert Choir
The Concert Choir provides students with the opportunity to study vocal literature varying from chamber settings to major choral works while allowing them to serve as ambassadors for the institution through various performance settings. Participation requires an audition with the ensemble director. May be repeated once for credit. Does not count toward the General Education Humanities requirement.

MUS 302 Concert Band
The Concert Band provides students with the opportunity to study instrumental literature varying from chamber settings to full symphonic band orchestration while allowing them to serve as ambassadors for the institution through various performance settings. Participation requires an audition with the ensemble director. May be repeated once for credit. Does not count toward the General Education Humanities requirement.

MUS 351 Private Piano
Private instruction on principal instrument. Literature studied, appropriately chosen for its technical, musical, and interpretive demands, will prepare students for end of semester performance requirements. May be repeated once for credit. Does not count toward the General Education Humanities requirement. Fee $100.

MUS 352 Private Voice
Private instruction on principal instrument. Literature studied, appropriately chosen for its technical, musical, and interpretive demands, will prepare students for end of semester performance requirements. May be repeated once for credit. Does not count toward the General Education Humanities requirement. Fee $100.

MUS 370 Comprehensive Recital
A culmination of four semesters of private applied study in a solo recital of no less than one half hour of repertoire, including works representative of a broad spectrum of compositional eras and styles. Must be approved by faculty upon successful completion of recital hearing and following at least three semesters private applied enrollment. Does not count toward the General Education Humanities requirement.

MUS 401 Concert Choir
The Concert Choir provides students with the opportunity to study vocal literature varying from chamber settings to major choral works while allowing them to serve as ambassadors for the institution through various performance settings. Participation requires an audition with the ensemble director. May be repeated once for credit. Does not count toward the General Education Humanities requirement.

MUS 402 Concert Band
The Concert Band provides students with the opportunity to study instrumental literature varying from chamber settings to full symphonic band orchestration while allowing them to serve as ambassadors for the institution through various performance settings. Participation requires an audition with the ensemble director. May be repeated once for credit. Does not count toward the General Education Humanities requirement.

MUS 451 Private Piano
Private instruction on principal instrument. Literature studied, appropriately chosen for its technical, musical, and interpretive demands, will prepare students for end of semester performance requirements. May be repeated once for credit. Does not count toward the General Education Humanities requirement. Fee $100.

MUS 452 Private Voice
Private instruction on principal instrument. Literature studied, appropriately chosen for its technical, musical, and interpretive demands, will prepare students for end of semester performance requirements. May be repeated once for credit. Does not count toward the General Education Humanities requirement. Fee $100.

MUS 499 Directed Individual Study in Music
Individual study based on the interests and needs of the student. Credit of one to three hours total may be counted toward elective credit earned in Music Minor. May be repeated once for credit.
Nursing (NUR)
Responding to the needs of nursing education and health care in the region, the Elizabeth Akers Elliott Associate Degree Nursing Program was established by the formerly named Pikeville College in 1983. The RN to BSN program was initiated in 2011 by the University of Pikeville in response to the increasingly complex health care needs of both the region and nation.

The Elizabeth Akers Elliott Associate Degree Nursing Program (hereafter referred to ASN) and the RN-BSN program are part of the Division of Nursing. The ASN is a two-year program leading to an Associate of Science Degree, with a major in nursing. The ASN program also permits Licensed Practical Nurses (LPN) to earn an ASN in two semesters, once admitted to the LPN to RN program of study. The RN-to-BSN program leads to a Bachelor of Science Degree, with a major in nursing.

Nursing Major – Associate of Science Degree Program in Nursing (ASN)
Graduates of the ASN nursing program are eligible to apply to take the National Council Licensure Examination (NCLEX-RN) through the State Board of Nursing in which they plan to practice. Due to the technical nature of the ASN, nursing (NUR) courses are not normally intended for transfer because graduates who pass the NCLEX-RN are licensed for immediate employment as an RN if desired. However, an RN with an ASN is eligible to enroll in an RN-BSN completion or higher degree nursing program, contingent on the requirements of the University of Pikeville or transfer institution. An RN with an ASN is qualified as a provider of care, manager of care, and member of the health care team.

Admission to the nursing program is limited due to Kentucky Board of Nursing approval requirements on faculty/student ratio and availability of affiliating agencies. Selection for admission is competitive and based on, but not limited to, ranking an objective scale (available from the Nursing Division) and other qualifying factors such as semester GPA, overall GPA, pattern of coursework, and professional behaviors.

A new ASN class is admitted once a year in the fall semester with an application deadline of March 1. ASN readmission, LPN-to-RN, and transfer applicants who were in another nursing program are admitted to either fall or spring semester with an application deadline of respectively, March 1 or November 1. The Nursing Admissions Committee determines acceptance of applicants to the ASN nursing program. Admission or readmission to the nursing program is not guaranteed to any applicant. All students accepted to the nursing program also must be accepted to University of Pikeville.

Admission Criteria - ASN
The admission criteria for the nursing program include the following. (For further information of each criterion, contact the Division of Nursing or once admitted, refer to the Nursing Student Handbook-ASN).

1. Official admission to the University of Pikeville.
2. High school graduate or the equivalent.
3. ACT composite score of 19 or higher. If there is more than one qualifying ACT composite score, the MTH and ENG subscores on the most recent qualifying ACT will be used for admission ranking.
4. Completion of developmental courses with a “C” grade or better, if placed in these courses based on ACT subscores.
5. Meet the nursing MTH requirement with (choose one): (a) MTH 099 with a “C” grade or higher; (b) transfer equivalent of the University’s MTH 111; or (c) per University policy, the highest ACT MTH sub-score that is 18 or higher.
6. An overall average of “C” or better, represented by a university G.P.A. of 2.0 or higher.
7. Minimum of 45% score on Test of Essential Academic Skills (TEAS). Only one retake per admission year is allowed for those with less than 45% score. TEAS must be repeated for subsequent admission years. Exception: Readmission students only retake TEAS if out of program for more than one year.
8. A “C” grade or better in any required support course. The grade on the second attempt, including “W” grades, stands as the final grade.
9. Science course grades must be within the last 10 years.
10. Any exception will be determined by the Nursing Admission Committee.

Admission with Advanced Standing - ASN
1. Applicants who may be eligible for admission with advanced standing are:
   a. Readmission nursing students
      (1) Students who have withdrawn one time from the Elizabeth Akers Elliott Associate Degree Nursing Program.
      (2) Nursing students who failed to achieve a “C” or better at University of Pikeville required nursing or co-requisite courses, resulting in academic dismissal from the nursing program.
   b. Transfer students from other nursing programs.
   c. Licensed Practical Nurses (LPN) who apply to the LPN to RN program of study.
2. Applicants seeking admission with advanced standing must:
   a. Meet admission requirements for all nursing applicants.
   b. Achieve a grade of at least a “C” and/or 76% on required Nursing Challenge examinations if out of a registered nurse program more than one year but less than three years (readmission and transfer nursing students).
   c. Validate selected nursing skills.
d. Abide by an admission contract, if applicable, which may specify one or more required activities.
e. Meet with the Division Chair and/or Nursing Admissions Committee for a personal interview and update on program requirements.

3. Readmission nursing students – additional admission criteria include:
   a. Submit a letter of petition to the Nursing Admissions Committee to be considered for reinstatement to the nursing program. This letter must explain why the student failed to progress in the nursing program and what has been done to remedy the situation.
   b. A student may only be readmitted to the nursing program one time.

4. Transfer students from another nursing program – additional admission criteria include:
   a. Meet University of Pikeville requirements for transfer applicants and transfer credit.
   b. Transcript evaluation for nursing course equivalency.
   c. Two letters of reference, one of which must be from the applicant’s former nursing program.

5. LPN to RN Applicants – additional admission criteria include:
   a. Valid practical nurse license.
   b. Minimum of one year of clinical experience as an LPN within the last three years.
   c. Grade of “C” or better in prerequisite LPN to RN program support courses. These courses include ENG 111, ENG 112, PSY 110, PSY 215, BIO 171 and BIO 172 allowing 20 hours of support course credit.
   d. Grade of “C” or better and/or 76% on required Nursing Challenge examinations, allowing 13 hours of nursing credit.
   e. Grade of “C” or better in NUR 130 received within the last two years, allowing three hours of nursing credit.
   f. Completion of all LPN to RN admission criteria, allowing 16 hours of nursing credit (see 5d & 5e above), a minimum of 20 hours of support course credit, and eligibility for advanced standing placement in Semester III of the nursing curriculum.

Application Procedure - ASN
1. Submit to the University of Pikeville Admissions Office by the respective deadline:
   a. Application for admission to University of Pikeville (complete a new application if you are not a current student).
   b. Application for admission to the ASN nursing program (complete a new application for each time you apply).
   c. Official transcript with high school graduation date or passing GED score.
   d. Official transcript evaluation for nursing course equivalency.
   e. Official ACT scores, with required ACT composite.
   f. Results of the TEAS, with a maximum of two attempts to achieve a 45% composite score.

2. The TEAS is administered for a fee in the Division of Nursing on selected dates. Contact the Division of Nursing or visit www.upike.edu for the TEAS application form and testing dates.

3. After selection of applicants into the nursing program, if vacancies exist, the Nursing Admissions Committee may extend the deadline for applications.

4. If an applicant is not admitted to the nursing program in fall semester but wishes to be considered for the next admission year, the applicant must complete a new University of Pikeville application (if not a current student), complete a new nursing program application, update one’s records in the Admissions Office, and retake the TEAS.

Associate of Science Degree (non-LPN students)
I. General Studies Requirements ............................................................................................................................................................................. 18 hours
   ENG 111 Composition I .................................................................................................................................................................................3
   or
   ENG 114 Honors Composition I ....................................................................................................................................................................3
   ENG 112 Composition II .............................................................................................................................................................................3
   or
   ENG 115 Honors Composition II ....................................................................................................................................................................3
   PSY 110 General Psychology .........................................................................................................................................................................3
   PSY 215 Lifespan Development .....................................................................................................................................................................3
   REL 213 Old Testament Introduction ...........................................................3
   or
   REL 214 New Testament Introduction ........................................................3
   Elective Restricted Elective (Choose One)
   SOC 119 Introduction to Sociology .................................................................3
   SOC 229 The Family .........................................................................................3
   REL 230 World’s Great Living Religions ......................................................3
   SPN 111 Elementary Spanish I ......................................................................3

II. Nursing Requirements ..................................................................................................................................................................................... 40 hours
   NUR 110 Fundamentals of Nursing I ................................................................8
   NUR 120 Fundamentals of Nursing II ..........................................................4
   NUR 125 Family Nursing ................................................................................4
   NUR 200 Pharmacology in Nursing ..............................................................2
   NUR 230 Nursing Across the Lifespan I .......................................................8
III. Related Course Requirements .............................................................................................................................................. 12 hours
BIO 171 Anatomy & Physiology I ........................................................................................................................................... 4
BIO 172 Anatomy & Physiology II ........................................................................................................................................... 4
BIO 273 Microbiology w/lab ......................................................................................................................................................... 4

Associate of Science Degree (LPN to RN students)
The LPN must meet admission criteria for the LPN to RN (ASN) program of study and successfully complete the following prerequisite coursework (see Section I and II below) to earn 36 credit hours and be eligible for advanced standing to Semester III of the nursing curriculum.

I. Pre-requisite General Studies and Related Requirements ........................................................................................................ 20 hours
ENG 111 Composition I ................................................................................................................................................................. 3
ENG 114 Honors Composition I ......................................................................................................................................................... 3
ENG 112 Composition II ................................................................................................................................................................. 3
ENG 115 Honors Composition II ......................................................................................................................................................... 3
PSY 110 General Psychology ......................................................................................................................................................... 3
PSY 215 Lifespan Development ......................................................................................................................................................... 3
BIO 171 Anatomy & Physiology I ......................................................................................................................................................... 4
BIO 172 Anatomy & Physiology II ......................................................................................................................................................... 4

II. Pre-requisite Nursing Courses .......................................................................................................................................................... 16 hours
Nursing Challenge Exams ................................................................................................................................................................. 13
NUR 130 LPN to RN Transition ......................................................................................................................................................... 3

Upon successful completion of Section I and II prerequisite coursework, the following LPN to RN (ASN) curriculum can be completed in two semesters of full-time study.

III. General Studies and Related Requirements .................................................................................................................................... 10 hours
BIO 273 Microbiology w/lab ......................................................................................................................................................... 4
REL 213 Old Testament Introduction ................................................................................................................................................... 3
REL 214 New Testament Introduction ................................................................................................................................................ 3
Elective Restricted Elective (Choose One)
SOC 119 Introduction to Sociology ..................................................................................................................................................... 3
SOC 229 The Family, ......................................................................................................................................................... 3
REL 230 World’s Great Living Religions ........................................................................................................................................... 3
SPN 111 Elementary Spanish I ......................................................................................................................................................... 3

IV. Nursing Requirements ................................................................................................................................................................. 24 hours
NUR 200 Pharmacology in Nursing .................................................................................................................................................... 2
NUR 230 Nursing Across the Lifespan I .............................................................................................................................................. 8
NUR 240 Nursing Across the Lifespan II ........................................................................................................................................... 8
NUR 245 Mental Health Nursing ......................................................................................................................................................... 4
NUR 246 Professional Transitions ....................................................................................................................................................... 2

NOTE: Additional costs for ASN nursing students include: Nursing fees for skills’ kits and standardized testing, textbooks, uniforms, health examination, TB skin test (or if applicable, a chest X ray), immunizations, CPR certification, Courtnet, drug screening, liability insurance, University graduation fees, RN licensure application, NCLEX-RN registration, and NCLEX-RN review course. Students are responsible for providing their own transportation to meet all course-related requirements. A detailed list of costs is available from the Division of Nursing or at www.upike.edu.

An applicant for RN licensure must submit findings from a criminal background and fingerprint card to the Kentucky Board of Nursing (KBN). KBN has the power to delay or deny a nursing graduate the right to take the NCLEX-RN if the applicant for licensure has been convicted of a felony or misdemeanor which bears directly on the qualifications of the applicant to practice nursing.

Progression in the ASN nursing program is dependent upon submission or completion of required activities by publicized deadline dates, adherence to nursing program policies as stated in the Nursing Student Handbook (available upon admission or by request) and course syllabi, meeting minimal functional abilities and standardized testing scores, completion of required remediation, “C” or higher grade in pre- and co-requisite courses, “C” or higher grade in the theory portion of nursing courses, and final “Satisfactory” rating in the clinical portion of nursing courses.

The University of Pikeville and clinical affiliating agencies may require a criminal background check and drug screen. These agencies have the right to deny a student’s clinical placement based on findings of the criminal background check or drug screen. Should this situation occur, the Division
of Nursing does not guarantee the student’s placement in the nursing program or at an alternate site and the student may need to withdraw from the program.

ASN nursing courses are open only to students admitted into the nursing program. Exceptions may apply for non-clinical courses.

---

**Nursing Major - RN to BSN Completion Program of Study (RN-BSN)**

The University of Pikeville offers one option to obtain a Bachelor of Science in Nursing Degree: the RN-BSN completion program. The RN-BSN program is for registered nurses who have an associate’s degree or diploma from a state-approved pre-licensure program for RN’s and holds an unrestricted RN license. The RN-BSN program prepares RN’s for advanced staff and leadership positions in diverse practice environments and provides a foundation for graduate level education.

If general education requirements are met, the RN-BSN program can be completed on a full-time basis in one year (fall, spring, summer) or on a part-time basis in two years. All degree requirements for the BS degree in nursing must be completed within five years of admission to the RN-BSN program.

**Admission Requirements – RN-BSN**

1. Official admission to the University of Pikeville.
2. Separate application for admission to the Division of Nursing’s RN-BSN program.
3. Submission of official transcripts of high school and post-secondary schools attended.
4. Submission of ACT scores.
5. Graduate of a state-approved pre-licensure program for registered nursing.
6. A minimum “C” grade in all courses taken to satisfy the nursing major at the ASN or diploma level.
7. Cumulative grade point average (GPA) of 2.5 or higher. Exceptions may apply for RN’s with satisfactory work experience.
8. Validation of a current, unrestricted/unencumbered RN license.

**Transfer Credit – RN-BSN**

1. Transfer equivalency credit of non-nursing coursework is based on the policies of University of Pikeville.
2. Nursing transfer credit from an ASN or diploma program: Upon completion of 14 credits with at least a “C” grade in the RN-BSN program at the University of Pikeville, transfer students who hold a current RN license making application to the RN-BSN program may receive up to 40 hours of NUR elective credit for proficiency validated by licensure. These credits are determined by evaluating lower division NUR courses completed at another institution.
3. If a student leaves the RN-BSN program prior to graduation, NUR elective credit is not transferable to another institution and might not be transferred to another major at the University of Pikeville.

**Basic Program for Bachelor of Science for Registered Nurses (BSN)**

I. Core Requirements ........................................................................................................................................................................ 52-60 hours

II. Nursing Core Requirements for RN-BSN ........................................................................................................................................ 30 hours

NUR 302 Advanced Concepts in Nursing Practice .................................................................................................................................5
NUR 304 Health Assessment for Registered Nurses .................................................................................................................................3
NUR 306 Pharmacology in Nursing Practice ........................................................................................................................................3
NUR 308 Scholarship and Inquiry for Evidence-Based Practice (pre-req: statistics) ..................................................................................3
NUR 401 Population Based Nursing Care ...............................................................................................................................................5
NUR 403 Organizational and Systems Leadership ......................................................................................................................................3
NUR 405 Nursing Synthesis and Capstone ..............................................................................................................................................5
REL 370 Bioethics ......................................................................................................................................................................................3

III. NUR Elective Credit ..............................................................................................................................................................................36-40 hours*

*See specific information on NUR Elective Credit, described above in “Transfer Credit – RN-BSN.”

IV. Electives as needed to meet the minimum requirements of 120 semester hours or other requirements for a baccalaureate degree.

**Nursing Course Descriptions**

**Credit hour definition: 1 semester credit hour = 1 clock hour of lecture or 3 clock hours of clinical/skills laboratory per week.**

**NUR 110 Fundamentals of Nursing I** .........................................................................................................................................................(8)

An introduction to nursing concepts and principles, the nursing process and clinical decision-making. Basic patient care skills, therapeutic communication and physical assessment are emphasized in the care of patients across the life span. Emphasis also is placed on principles of healthy nutrition and basic pharmacologic principles and dosage calculations for beginning administration of medications. Six hours of lecture and six hours of clinical experience per week. Corequisites: BIO 171, ENG 111 or ENG 114, and PSY 110. Fee $100.

**NUR 120 Fundamentals of Nursing II** .........................................................................................................................................................(4)

A continuation of NUR 110, Fundamentals of Nursing II emphasizes advanced patient care skills and provides an opportunity for the student to continue developing nursing process, communication, and assessment skills for clients across the lifespan. Two hours of lecture per week and six hours of clinical experience per week. Prerequisites: BIO 171, ENG 111 or ENG 114, PSY 110, and NUR 110. Corequisites: BIO 172, ENG 112 or ENG 115, PSY 215, and NUR 125. Fee $100.
NUR 125  Family Nursing .................................................................................................................................................................................(4)
Introduction to nursing care of women and newborns, within a family experiencing pregnancy and birth. Emphasis is placed upon wellness, prevention, health maintenance, and health restoration. Practical experience is provided in community and acute care settings. Three hours of lecture and three hours of clinical experience per week. Prerequisites: BIO 171, ENG 111 or ENG 114, PSY 110, and NUR 110. Corequisites: BIO 172, ENG 112 or ENG 115, PSY 215, and NUR 120.

NUR 130  LPN to RN Transition (for LPNs only) ............................................................................................................................................................................(3)
Course addresses those factors which facilitate the transition of the LPN to the RN student role. Student time is divided between classroom seminar, independent study, and clinical/skills laboratory to review theory, processes, and skills. Validation of nursing skills may take place in a clinical setting under direct faculty supervision. Emphasis is placed upon therapeutic communication, nursing process, functional health patterns, assessment skills, and advanced nursing skills. Prerequisites: BIO 171, BIO 172, ENG 111 or ENG 114, ENG 112 or ENG 115, PSY 110, PSY 215, and completion of required Nursing Challenge examinations.

NUR 200  Pharmacology in Nursing.................................................................................................................................................................................(2)
An examination of the clinical application of drugs as they relate to patients across the lifespan who are experiencing acute and chronic health problems. Emphasis is placed on drug classifications and health maintenance and management of patients as recipients of pharmacotherapy. Two hours of lecture per week. Prerequisites: PSY 215, BIO 171, BIO 172, ENG 112 or ENG 115, NUR 120, and NUR 125. Corequisites: BIO 273, REL 213 or REL 214, and NUR 230.

NUR 230  Nursing Across the Lifespan I .............................................................................................................................................................................(8)
Introduction of knowledge basic to the nursing care of patients across the lifespan who are experiencing actual or potential health problems. Practical experience is provided in a variety of community and acute care settings. Five hours of lecture and nine hours of clinical experience per week. Prerequisites: PSY 215, BIO 171, BIO 172, ENG 112 or ENG 115, NUR 120, and NUR 125. Corequisites: BIO 273, REL 213 or REL 214, and NUR 200. Fee $100.

NUR 240  Nursing Across the Lifespan II .................................................................................................................................................................................(8)
A continuation of the study of the nursing care of patients across the lifespan begun in NUR 230. Five hours of lecture and nine hours of clinical experience per week. Prerequisites: NUR 200 and NUR 230. Co-requisites: NUR 245, NUR 246, and restricted elective (chose one): SOC 119, SOC 229, REL 230, or SPN 111. Fee $100.

NUR 245  Mental Health Nursing .................................................................................................................................................................................(4)
Introduction to the concepts of mental health nursing of patients across the lifespan. Wellness, prevention, health maintenance and health restoration are emphasized. Three hours of lecture and three hours of clinical experience per week. Prerequisites: NUR 200 and NUR 230. Corequisites: NUR 240, NUR 246, and restricted elective (choose one): SOC 119, SOC 229, REL 230, or SPN 111.

NUR 246  Professional Transitions .................................................................................................................................................................................(2)
Course addresses those factors which facilitate the transition from nursing student to RN. Seminar aspects of the course review the historical, political, social, and legal framework of health care delivery and nursing practice. One hour of lecture and three hours of clinical experience per week. Prerequisites: NUR 200 and NUR 230. Corequisites: NUR 240, NUR 245, and restricted elective (choose one): SOC 119, SOC 229, REL 230, or SPN 111.

NUR 290  Directed Individual Readings ..............................................................................................................................................................................(1)
Study of selected nursing topic(s) of particular interest. Topic(s) may be proposed by the student or faculty. This course may be taken more than once if different topics are chosen for a total of 2 credits. Prerequisites: Eight (8) hours of nursing and approval of Division Chair and supervising faculty.

NUR 302  Directed Individual Readings .................................................................................................................................................................................(5)
This course focuses on concepts to advance the practice and discipline of nursing at the baccalaureate level. The student will explore and apply concepts such as writing in the discipline, information literacy, evidence-based literature, clinical reasoning, and theories from other disciplines that inform nursing practice, multiple dimensions of patient centered care, and quality and safety initiatives in healthcare. Prerequisite: RN status and admission to the RN-BSN program.

NUR 304  Health Assessment for Registered Nurses .........................................................................................................................................................(3)
This course provides an opportunity to enhance skill in health assessment of persons and families including genetic, developmental, psychological, and environmental parameters. Assessment models will be analyzed for use with diverse populations. Clinical emphasis will be placed on health assessment of clients across the lifespan and laboratory simulation experience. Prerequisite: RN status and admission to the RN-BSN program.

NUR 306  Pharmacology in Nursing Practice .................................................................................................................................................................(3)
This course will examine the clinical application of drugs as they relate to clients across the lifespan who are experiencing acute and chronic health problems. Emphasis will be placed on gerontological implications of pharmacology. Prerequisite: RN status and admission to the RN-BSN program.

NUR 308  Directed Individual Readings .................................................................................................................................................................................(3)
This course is designed to develop the knowledge and skills required to translate current evidence into practice. Emphasis will be placed on an overview of qualitative and quantitative research processes, models to apply evidence to clinical practice, nurse-sensitive quality indicators, information literacy to search, locate, and evaluate sources of information, and dissemination of findings. Prerequisites: MTH 200 or SOC 285 and NUR 302.

NUR 401  Population-based Nursing Care .................................................................................................................................................................(5)
This course will introduce the concept of population health and the application of health promotion, disease, and injury prevention across the lifespan at the local, national, and global population level. Special emphasis will be placed on health disparity among diverse populations, genetics, epidemiology, clinical judgment during disaster, and population-focused interventions. The role of policy development and regulation in healthcare will be analyzed. Three hours lecture and six hours clinical practice. Prerequisite: NUR 302; Co-requisite: NUR 308.

NUR 403  Organizational and Systems Leadership .........................................................................................................................................................(3)
This course will examine leadership skills at the microsystem level in healthcare organizations including decision-making, delegation, care coordination, and change and conflict resolution. Awareness will be developed of complex organizational systems and related mission and vision statements. Knowledge
and skills will be enhanced on an organization’s quality improvement process and standards in creating a safe environment of care. Prerequisites: NUR 308 and NUR 401.

NUR 405 Nursing Synthesis and Capstone ................................................................. (5)*
The clinical emphasis in this course will provide the RN an opportunity to synthesize and apply essentials of baccalaureate nursing by exploring a nursing practice role of interest. Individualized field experience with an RN preceptor is subject to approval by course faculty. Two hour seminar and 9 hours of clinical. Prerequisites: NUR 308 and 401. Corequisite: NUR 403

*Note: Students may have their NUR 405 clinical hours reduced by portfolio submission. Portfolios are submitted and evaluated when students are enrolled in NUR 403

Philosophy (PHI)
The Philosophy courses are offered through the Division of Humanities. They stress the cultural and logical bases of a society’s system of beliefs. Courses are offered in support of other academic programs.

Philosophy Course Descriptions

PHI 211 Introduction to Philosophy ................................................................. (3)
Introduces philosophic thinking and philosophic problems such as natural theology (can knowledge of God be achieved by reason?), metaphysics (what is ultimate reality?), epistemology (how do we know?), ethics (what is good?), and aesthetics (what is art?). Prerequisite: ENG 112 or ENG 115.

PHI 212 Logic ................................................................. (3)
Introduces the principles and techniques of valid reasoning.

PHI 290 Special Topics ................................................................. (3)
A study of selected topics of special interest. The topic may differ each time the course is offered and may be proposed by either the instructor or students. The course may be repeated for credit, provided that a different topic is studied each time. Prerequisite: PHI 211 or at least 12 hours in the specific discipline to be studied.

PHI 390 Special Topics ................................................................. (3)
A study of selected topics of special interest. The topic may differ each time the course is offered and may be proposed by either the instructor or students. The course may be repeated for credit, provided that a different topic is studied each time. Prerequisite: PHI 211 or at least 12 hours in the specific discipline to be studied.

Physical Education (PED)
The program in physical education is offered through the Division of Education. It provides a variety of activity and wellness courses.

Physical Education Course Descriptions

PED 161 Softball/Volleyball ................................................................. (1)
Development of basic skills in softball and volleyball including rules and strategies.

PED 163 Conditioning/Weight Training ................................................................. (1)
Provides the student with isometric and isotonic exercises for overall body strength and stamina.

PED 171 Basketball/Archery ................................................................. (1)
Introduces fundamental skills, rules, and strategies for basketball and archery.

PED 173 Body/Form and Function ................................................................. (1)
Designed to improve agility, flexibility, strength, and endurance.

PED 174 Concepts of Fitness and Wellness ................................................................. (2)
This is a lecture/lab course. Labs consist of assessments of physical fitness and light exercise sessions that are demonstrations of the concepts discussed during lectures. Students design and practice wellness projects (health behavior, lifestyle changes) and fitness projects (exercise/sports programs). These are assigned for out of class time, approximately two-three hours per week.

PED 175 Cross Training ................................................................. (1)
Based on the premise that too much of anything might not be good this course explores a variety of fitness activities, types of exercise, recreational sports, exercise facilities, equipment and how to involve the family in fitness. Class time assigned to various types of exercise and sports varies from one to four class sessions each. The student will design and practice an individualized cross training program.

PED 182 Tennis/Badminton ................................................................. (1)
This course offers the beginner a fundamental background in skills, rules, and strategies.

PED 184 Basic Rhythms ................................................................. (1)
Introduces the student to locomotor and non-locomotor movements, folk and square dance, social dance and creative dance.

PED 187 Beginning Swimming ................................................................. (1)
Activities include adjustment to the aquatic environment, correct breathing techniques and the basic strokes. Offered only during Summer sessions.
Physics (PHY)
The program in physics at the University of Pikeville is offered through the Division of Mathematics and Natural Sciences and provides a general background for students seeking to prepare for careers in teaching, entry-level positions in scientific occupations, or further study in graduate or professional schools. The courses in this program support other majors or are utilized as general electives.

Physics Course Descriptions

PHY 102  Introduction to Physics ....................................................................................................................................................................... (4)
This is a laboratory-science course designed for non-science majors utilizing guided inquiry teaching and learning methodologies. The course is designed to introduce the student to concepts in classical mechanics, thermodynamics, sound, electricity, magnetism, light and optics. Students will be engaged in small, hands-on, group activities during each class meeting. The course meets 5 hours per week. **Prerequisite: MTH 099 or placement beyond.**

PHY 105  Introduction to Astronomy and Astrophysics ................................................................................................................................................. (3)
A study of the structure and evolution of the universe on different scales. Initially the course will focus on how stars and planets evolve with emphasis on the development of our solar system. The course will then examine the structure and evolution of our galaxy and finally the universe as a whole. The course will also examine how these concepts have changed through the course of history. **Prerequisite: MTH 099 or placement beyond. Co-requisite: PHY 106.**

PHY 106  Introduction to Astronomy and Astrophysics Laboratory ............................................................................................................................................... (1)
Laboratory to accompany the Introduction to Astronomy and Astrophysics lecture. The class will meet for two hours each week and will include both laboratory and observational sessions. **Co-requisite: PHY 105.**

PHY 223  General Physics I .................................................................................................................................................................................... (4)
Basic principles of classical physics, which will discuss mechanics and thermodynamics. Three hours lecture and three hours laboratory work each week. **Prerequisites: MTH 113 and MTH 114 or Pre-co-requisite: MTH 121.**

PHY 224  General Physics II ................................................................................................................................................................................... (4)
Basic principles of classical physics which will discuss wave motion, sound, electricity, magnetism, light, and optics. Three hours lecture and three hours laboratory work each week. **Prerequisite: Grade of "C" or better in PHY 223.**

PHY 290  Special Topics ......................................................................................................................................................................................... (1-4)
A study of a selected topic of special interest. The topic may differ each time the course is offered and may be proposed by either the instructor or the students. This course may be taken for credit any number of times, provided that a different topic is studied each time. **Prerequisite: Consent of the Instructor.**

PHY 300  Engineering Physics .................................................................................................................................................................................... (2)
Selected topics in classical mechanics, thermodynamics, wave motion, sound, electricity, magnetism, light and optics, with the application of calculus in physics. **Prerequisite: Grade of "C" or better in PHY 224. Pre-co-requisite: MTH 222.**

PHY 350  Modern Physics ....................................................................................................................................................................................... (3)
A lecture course designed to introduce advanced topics in relativity, quantum physics, atomic and molecular structure, solid state physics, and nuclear physics. **Prerequisite: Grade of "C" or better in PHY 224. Pre-co-requisite: MTH 222.**

PHY 490  Special Topics ......................................................................................................................................................................................... (1-4)
A study of a selected topic of special interest. The topic may differ each time the course is offered and may be proposed by either the Instructor or students. This course may be taken for credit any number of times, provided that a different topic is studied each time. **Prerequisites: At least a junior science major and consent of the Instructor.**

PHY 495  Seminar in Physics ................................................................................................................................................................................... (1-3)
A group seminar study on a selected topic in the field of physics. Students will be required to actively participate in group discussions, as well as to attend all scheduled sessions. This course may be taken for credit any number of times, provided that a different topic is studied each time. **Prerequisites: Science major and consent of the Instructor.**

Political Science (PLS)
The program in political science is offered through the Division of Social Sciences. It is the study of human behavior as it relates to government and politics. Students studying political science are prepared to understand the governmental process and its relationship to the other major institutions in our society. At University of Pikeville a combination major with history is offered.

**History/Political Science Major**
Basic program for a baccalaureate degree

I. Core Requirements .................................................................................................................................................................................. 52-60 hours
II. Requirements for Combined Major ................................................................................................................................................................................. 36 hours

History (21-24 hours)

HIS 221 World Civilization I.................................................................................................................................................................................. 3
HIS 222 World Civilization II.................................................................................................................................................................................. 3
HIS 225 United States History I.................................................................................................................................................................................. 3
HIS 226 United States History II.................................................................................................................................................................................. 3
HIS Electives 300-400 level...................................................................................................................................................................................... 9-12

Political Science (12-15 hours)

PLS 223 United States Government and Politics ....................................................................................................................................................... (3)
PLS Electives (6 hours must be at 300-400 level) ...................................................................................................................................................... 9-12

III. General electives as needed to meet the minimum requirements of 120 semester hours.

Political Science Course Descriptions

PLS 223 United States Government and Politics ....................................................................................................................................................... (3)
A study of the government of the United States, its structure and functions. Prerequisite: ENG 112 or ENG 114.

PLS 323 Comparative Government .................................................................................................................................................................................. (3)
A study of foreign governments. Prerequisite: PLS 223.

PLS 325 Political Communication .................................................................................................................................................................................. (3)
This course studies communication as it serves the political system, society, and Americans as individuals. Topics include communication in the governing process and in campaigns, and communication as a way of expressing and reinforcing political values. Specific goals: to understand the roles and functions of communication in American politics; to identify the variables and actors in political communication; and to investigate the roles of the mass media in American politics. Prerequisites: ENG 112 or ENG 115 and COM 225 and PLS 223. Cross-listed as COM 325.

PLS 423 International Relations .................................................................................................................................................................................. (3)
A study of the state system, national power, the balance of power, nationalism, imperialism and colonialism, war as an instrument of national policy, economic instruments of national policy, diplomacy, collective security, international law and organization, and regional integration. Prerequisite: PLS 223.

PLS 448 The Development of the American Constitution ............................................................................................................................................. (3)
A study of the development of the Constitution of the United States and its interpretation as a result of judicial interpretation, statutes, and amendments. Prerequisites: HIS 225 and HIS 226 or PLS 223. Cross-listed as HIS 448.

PLS 455 American Chief Executive .................................................................................................................................................................................. (3)
A study of the American Chief Executive. The course will focus on the development of the Presidency as an institution and as an expression of the men who have held the office. Prerequisites: HIS 225 and HIS 226 or PLS 223. Cross-listed as HIS 455.

PLS 463 American Foreign Relations, 1776 to Present ............................................................................................................................................. (3)
A study of events and policies which have dominated the history of American foreign relations from 1776 to the present. Prerequisites: HIS 225 and HIS 226 or PLS 223. Cross-listed as HIS 463.

PLS 490 Special Topics ....................................................................................................................................................................................... (3)
A study of a selected topic of special interest. The topic may be proposed by either the Instructor or students, and may be taken for credit any number of times, provided a different topic is studied each time. Prerequisites: Twelve hours of political science and/or permission of the Instructor.

PLS 495 Seminar in Political Science ............................................................................................................................................................................. (3)
An intensive course in research methods and analysis of a selected topic of historical and political significance. Prerequisites: PLS 223 and consent of Instructor. May be cross-listed as HIS 495.

PLS 498 Pre-Law Internship ....................................................................................................................................................................................... (1-6)

PLS 499 Directed Individual Study in Political Science ............................................................................................................................................. (1-6)
With the consent of the Division Chair, seniors may pursue an approved course of independent study in a field of political science. Required will be weekly reports to the instructor, a paper or papers, embodying the results of study, and an examination. Prerequisites: PLS 223 and consent of Instructor, Division Chair, and Dean of the College of Arts and Sciences.

Psychology (PSY)

Psychology attempts to give meaning to human behavior and mental processes. The field is multifaceted, addressing topics as diverse as human physiology, interpersonal relationships, emotions, motivations, group dynamics, learning, and mental disorders. The psychology program at University of Pikeville bridges the chasm between humanistic and scientific inquiries. Students are provided the opportunity to explore such fascinating topics as personality, dreams, lifespan development, psychopathology, social psychology, learning and cognition, memory, myths and archetypes, research methodology, the psychology of religion, and psychology in law.

Psychology Major

Basic program for a baccalaureate degree

I. Core Requirements......................................................................................................................................................................................... 52 - 60 hours

II. Psychology Major Requirements ............................................................................................................................................................. 36 hours
PSY 110 General Psychology .......................................................... 3
PSY 215 Lifespan Development
or
PSY 315 Social Psychology .......................................................... 3
PSY 300 Experimental Psychology I ................................................. 3
PSY 323 Abnormal Psychology
or
PSY 440 Psychology of Personality .................................................. 3
MTH 200 Elementary Probability and Statistics
or
PSY 285 Statistics for Social Sciences ............................................ 3
PSY 452 Interdisciplinary Commons in Law, Justice, and Society ................... 3
PSY Electives .................................................................................. 18

Up to 6 of these hours may be in Social Work at the 300 or 400 level.

III. General electives as needed to meet the minimum requirements of 120 semester hours.

Psychology Minor

Minor Requirements ............................................................................... 21 hours
Must include PSY 110, 215 or 315, 300, 323 or 440, and MTH 200 or PSY 285 and 6 hours of Psychology electives.

Psychology Course Descriptions

PSY 110 General Psychology .......................................................... (3)
Introduces the field of psychology by examining fundamental issues in the field from various perspectives, some of which can be resolved by moving beyond the old antitheses. For instance, the classic argument over nature versus nurture is resolved by Albert Bandura's notion of reciprocal determinism. Topics include learning, scientific method, measurement, personality, mental disorders, memory, dreams, language, cognition, behavior, and consciousness. 

Prerequisite: PSY 110.

PSY 215 Lifespan Development .......................................................... (3)
This course uses an integrative approach to study the lifespan. It focuses on the major developmental theories, as well as their views of maturation in the physical, social, emotional and intellectual realms. The interrelatedness of various aspects of development from conception through death is emphasized.

Prerequisite: PSY 110.

PSY 285 Statistics for the Social Sciences ............................................ (3)
This course will examine both descriptive (e.g. distributions, central tendency, variability, graphic representations) and inferential (e.g. t-tests, Analysis of Variance) statistics within the context of the social sciences. Emphasis will be placed on understanding the conditions that call for the use of one test over another. Students will be exposed to theory as well as to hands-on application through computer statistics packages such as SPSS. Prerequisites: PSY 110 and MTH 111 or higher. Cross-listed as CJ 285 and SOC 285.

PSY 300 Experimental Psychology I ................................................. (3)
Introduction to design, methods, and theory in psychological research. Includes examination of both quantitative and qualitative methodologies. Students will conduct studies involving laboratory and field techniques. Prerequisites: PSY 110 and MTH 200 or PSY 285.

PSY 310 Psychology of Learning .......................................................... (3)
Survey of the seemingly contradictory approaches to understanding human learning - beginning with classical behavioral principles involved in classical conditioning and instrumental conditioning, followed by the transition to cognitive theories involved in verbal learning, schemas, and memory, and ending with current models attempting to integrate behavioral and cognitive schools of thought toward a fuller understanding of human learning. Prerequisite: PSY 110.

PSY 315 Social Psychology .......................................................... (3)
Examines the scientific study of how one's thoughts, feelings, and behavior are influenced by the social context. Students explore a range of contemporary topics such as attitudes, cognitions, self-concept, prejudice, interpersonal perception, persuasion, relationships, aggression, conformity, and obedience. Prerequisite: PSY 110. Cross-listed as SOC 315.

PSY 320 Psycho-Social Adjustment ....................................................... (3)
Approaches the adjustment between society and psyche from a psychological perspective. Regional novels are often used to discern the patterns underlying the behavior associated with particular regions or ethnic groups. Prerequisite: PSY 110.

PSY 323 Abnormal Psychology .......................................................... (3)
Examines mental disorders in terms of their etiology, diagnosis, prognosis, and treatment. Introduces students to the major diagnostic categories of mental disorders from mild neuroses to severe psychoses. Shows how each theoretical perspective and its attendant classification system can blind as well as clarify the phenomenon being investigated. Prerequisite: PSY 110.

PSY 325 Psychology of Religion ........................................................ (3)
Offers multiple psychological perspective on a variety of religious experiences in order to foster dialogue between the fields of psychology and religion. Religious texts such as the Tao Te Ching and the Bhagavadgita may be examined for their psychological significance. Prerequisites: PSY 110 and REL 213 or REL 214.
PSY 390  Special Topics ............................................................................................................................................................................. (1-4)
A study of a selected topic of special interest. The topic may differ each time the course is offered and may be proposed by either the instructor or students. Topics may include psychology in film, in law, of Appalachia, human motivation, Transition to the World of Academia or Employment, etc. This course may be taken for credit any number of times, provided that a different topic is studied each time. Prerequisites: PSY 110 and consent of the Instructor.

PSY 405  Physiological and Biological Psychology ............................................................................................................................... (3)
This course is an introduction to the physiological, neurophysiological, chemical, and genetic bases of human behavior. The study of anatomy, neuroanatomy, and physiology will show the relevance of sensory and motor activity to emotion, mental health, motivation, and learning. The student will learn to regard human behavior from a biological point of view. The course emphasizes basic concepts, current research, and psychopharmacological implications. Prerequisites: PSY 300, BIO 100, or BIO 151; BIO 250 recommended.

PSY 410  Psychological and Educational Testing and Evaluation ........................................................................................................ (3)
Standardized and teacher prepared tests, as well as test selection, construction, administration, scoring, and interpretation. Includes a unit on statistics and the measurement of abilities, interests, achievement, and personality. Prerequisite: PSY 110.

PSY 440  Psychology of Personality .............................................................................................................................................................. (3)
We shall explore how theories of personality evolved over the course of the last century by delving deeply into the personalities of the theorists. The philosophical and cultural assumptions implicit in both theorist and theory will be explicated as a function of creative illness responding to the Zeitgeist. Prerequisite: 15 hours of Psychology or Social Work.

PSY 455  History and Systems of Psychology ............................................................................................................................................... (3)
Delineates the philosophical, cultural, and historical factors contributing to particular theories and systems in the field of psychology. Attempts to discern which factors are responsible for the modern perspectives. Will the earth still be flat when these paradigms shift? Prerequisites: Senior Standing or permission of Instructor. Cross-listed as SOC 452 and CJ 452.

PSY 487  Advanced Cognitive Behaviorism ....................................................................................................................................................... (3)
This course explores observable and measurable behavior as they are combined in clinical settings with cognitive processes. The course will introduce specific response technologies for rehabilitation of special populations. Using modern S-R psychology, cognitive models, and computer programs, as well as diagnosis planning and intervention, there will be applications in health care, mental health, family, and school. Prerequisites: Junior status and 15 hrs. in Psychology/Social Work; or consent of the Instructor.

PSY 495  Seminar in Psychology ................................................................................................................................................................. (3)
Small group study of contemporary and classic topics in the field of psychology such as dreams, drugs, consciousness, aggression, advanced experimental, myths, personal adjustment, chaos theory, synchronicity, and counseling. May be repeated for a second three semester hours (on a different subject). Prerequisite: Consent of Instructor and fifteen hours of Psychology.

PSY 499  Directed Individual Study in Psychology ......................................................................................................................................... (1-3)
Independent investigation in selected fields of psychology. Reports and conferences based on these studies. Open to students who are majoring in psychology and have completed at least fifteen hours in the field. Prerequisites: Senior standing and consent of the Instructor, the Division Chair, and the Dean of the College of Arts and Sciences.

Reading (RED)
The Reading program at the University of Pikeville is part of the Developmental Studies Program and provides a series of courses which are designed to improve student reading and study skills.

Reading Course Descriptions
RED 098  Reading and Study Skills I ......................................................................................................................................................... (3)
(See Developmental Studies)

RED 099  Reading and Study Skills II ......................................................................................................................................................... (3)
(See Developmental Studies)

Religion (REL)
The Religion program is offered through the Division of Humanities. The academic study of religion stresses the historical, ethical, spiritual, and cultural bases of a society’s system of beliefs.

Religion Major
This program is designed for individuals who are interested in the study of religion for personal, academic, or professional goals. It consists of an 18-hour core and two options: Biblical and Comparative Studies. Students will choose to pursue one of these, taking at least 4 electives from that option, at least one course from the other option, and two more courses from either option.
Basic Program for a baccalaureate degree

I. Core Requirements ....................................................................................................................................................... 52 - 60 hours

II. Religion Requirements for Major .................................................................................................................................................. 39 hours

<table>
<thead>
<tr>
<th>Religion Core (18 hours)</th>
</tr>
</thead>
<tbody>
<tr>
<td>REL 213 Old Testament Introduction ................................................................. 3</td>
</tr>
<tr>
<td>REL 214 New Testament Introduction ................................................................. 3</td>
</tr>
<tr>
<td>REL 230 World’s Great Living Religions ............................................................. 3</td>
</tr>
<tr>
<td>REL 251 Philosophy of Religion ........................................................................... 3</td>
</tr>
<tr>
<td>REL 301 History of the Christian Church ......................................................... 3</td>
</tr>
<tr>
<td>or REL 401 Religion in America ................................................................. 3</td>
</tr>
<tr>
<td>REL 450 Religion Senior Seminar ...................................................................... 3</td>
</tr>
</tbody>
</table>

Religion Electives (21 hours)
Choose Biblical or Comparative Studies, taking at least four electives from the area you choose, at least one from the other area, and two additional REL courses for a total of 7 electives:

**Option I: Biblical Studies**
REL 232 Christian Ethics ................................................................................................................................. 3
REL 309 The Torah ............................................................................................................................................ 3
REL 312 Life and Teachings of Jesus .............................................................................................. 3
REL 313 Judges-Samuel ............................................................................................................................ 3
REL 315 Paul’s Life and Letters .................................................................................................................. 3
REL 333* Abrahamic Religions in Spain .............................................................................................. 3
REL 410 Apocalyptic Literature .................................................................................................................. 3
REL 420 Culture and Customs of the Biblical World .............................................................................. 3
REL 390 Appropriate special topic courses as determined by Religion faculty ....................................... 3

**Option II: Comparative Studies**
REL 233 Comparative Ethics ................................................................................................................................. 3
REL 331 Religions of Asia ............................................................................................................................ 3
REL 332 Islam .................................................................................................................................................. 3
REL 333* Abrahamic Religions in Spain .............................................................................................. 3
REL 356 Greco-Roman Mythology .................................................................................................................. 3
REL 357 World Mythology ............................................................................................................................ 3
REL 390 Appropriate special topic courses as determined by Religion faculty ....................................... 3
REL 430 Spirituality in the World Religions .............................................................................................. 3

*Note: May count in either option but not both.

III. General electives as needed to meet minimum requirements of 120 semester hours.

Religion Minor
Requirements .......................................................................................................................................................... 24 hours
REL 213, REL 214, REL 230, two of the following courses: REL 232, REL 233, REL 251, REL 301, REL 401; any three 300-400 level REL electives.

Religion Course Descriptions
REL 213 Old Testament Introduction .................................................................................................................. (3)
The major segments of the Old Testament (Torah, Prophets, Writings) viewed against their historical backgrounds. Prerequisite: ENG 111 or ENG 114.

REL 214 New Testament Introduction .................................................................................................................. (3)
Survey the New Testament literature in its historical context. Principal topics of consideration include the synoptic gospels, Acts, the Pauline correspondence, and Johannine literature. Prerequisite: ENG 111 or ENG 114.

REL 230 World’s Great Living Religions .................................................................................................................. (3)
A historical and literary introduction to the beliefs of the world’s major religions. Religions considered include Judaism, Islam, Hinduism, and Buddhism. Prerequisites: ENG 111 or ENG 114 and ENG 112 or ENG 115.

REL 232 Christian Ethics ................................................................................................................................. (3)
A theoretical and practical introduction to the realm of Christian decision making. The relationship between the Biblical literature and various theories of Christian ethics is examined so that a theoretical foundation may be developed for the examination of concrete ethical situations (e.g. human sexuality, ecology, hunger). Prerequisites: ENG 111 or ENG 114 and ENG 112 or ENG 115.

REL 233 Comparative Ethics ................................................................................................................................. (3)
A theoretical and practical introduction to ethical decision making. The course surveys the ethical systems of the world’s great living religions and major Western ethical philosophies. This course also explores the application of critical thinking to ethics. Theories and critical tools are applied to concrete ethical situations (such as environmental issues, sexuality, bioethics, or religious violence). Prerequisite: ENG 112 or ENG 115.
REL 251  Philosophy of Religion.................................................................................................................................(3)
This course will survey certain basic questions related to the use of reason as it both asks and investigates fundamental issues concerning religion and spirituality. The questions discussed will include: Is it possible to discern the existence of God outside of God’s own direct revelation? What can be known about God when it comes to God’s own nature? What is the origin and nature of “inspiration” as it applies to religious texts, doctrines, and ethical application? Is a direct, “mystical” knowledge of God possible and/or describable? While traditional answers found in the classical western tradition will be studied, time and space will also be given to the emergence of a distinctive eastern tradition, particularly where it is based on religions other than Christianity. Prerequisites: ENG 111 or ENG 114 and ENG 112 or ENG 115.

REL 301  History of the Christian Church..........................................................................................................................(3)
The historical and theological movements in the Church from its earliest foundations to the Counter Reformation. Emphasis will be placed on the interaction of the Church with other prevailing European social, cultural, and political institutions. Prerequisites: REL 214 and HIS 221 and ENG 112 or ENG 115. Cross-listed as HIS 301.

REL 309  The Torah..............................................................................................................................................................(3)
A literary, historical study of the first five books of the Old Testament. Prerequisites: ENG 111 or ENG 114 and ENG 112 or ENG 115, and REL 213 or REL 214.

REL 312  Life and Teachings of Jesus ........................................................................................................................................(3)
A study of Jesus based on the New Testament and extra-biblical material. Prerequisites: REL 214 and ENG 112 or ENG 115.

REL 313  Judges-Samuel..................................................................................................................................................................(3)
A study of the two systems of government used in biblical Israel (tribal confederacy and monarchy) and the difficult transition between the two. The course will also focus on the relationships among the characters in Samuel and how they are complicated by violence, power, and concern over public opinion. Prerequisites: ENG 112 or ENG 115 and REL 213 or REL 214.

REL 315  Paul’s Life and Letters................................................................................................................................................(3)
A study of Paul’s life and work, based on a close study of his letters and other historical sources. Paul’s letters will be viewed against their historical backgrounds, and his major theological themes will be explored. Prerequisites: REL 214 and ENG 112 or ENG 115.

REL 331  Religions of Asia.......................................................................................................................................................(3)
A survey of the religious traditions of South and East Asia in their historical and cultural settings, including Hinduism, Buddhism, Jainism, Sikhism, Confucianism, Taoism, and Shintoism. Prerequisites: ENG 112 or ENG 115 and REL 230 or consent of the Instructor.

REL 332  Islam...........................................................................................................................................................................(3)
A survey of the history, beliefs, and practices of Islam. Special attention will be given to Islam’s role in geopolitics. Prerequisites: ENG 112 or ENG 115 and REL 213, REL 214, or REL 230.

REL 333  Abrahamic Religions in Spain ......................................................................................................................................(3)
From the 8th to the 15th centuries in Spain, there were Christian kingdoms and Muslim kingdoms, and Jews, Christians, and Muslims lived in both of them. A culture common to the three groups (known as convivencia) was developed even though during this period they were often at war with each other (reconquista). How did they manage to live together for so long? Why were they unable to sustain their common culture? Is there anything we can learn from their success and failure? Prerequisites: For Spanish credit, SPN 111 and 112. For Religion credit, REL 213 or REL 214.

REL 356  Greco-Roman Mythology..........................................................................................................................................(3)
An introduction to Greco-Roman mythology, including material from Homer, Hesiod, Ovid, Sophocles, Virgil, and other ancient sources. We will look at what makes these works mythological: how they communicate about the nature of the divine, about human, and about the relationship between them as well as how they pass on the information needed in order to survive in that culture. Prerequisites: REL 213 or REL 214 and ENG 112 or ENG 115. Cross-listed as ENG 356.

REL 357  World Mythology....................................................................................................................................................(3)
A study of the religious and cultural functions of myth, including material from among Egyptian, Buddhist, Hindu, Chinese, Japanese, Jewish, Christian, Norse, African, Amerindian, Celtic, and modern mythologies (students will have some input as to which cultures we deal with) as well as the work of scholars of myth and religion. We will look at how these mythologies show the worldviews of the cultures they represent and note ways in which their concerns and responses are both similar and different. Prerequisites: REL 213 or REL 214 and ENG 112 or ENG 115. Cross-listed as ENG 357.

REL 370* Bioethics.................................................................................................................................................................(3)
An exploration of ethical issues that arise from health care, such as genomics, end of life decisions, and access to medical care. The course will take a critical and comparative approach from an interprofessional perspective, and will include ethical theories, ethical and clinical reasoning, case studies, and contemporary controversies. Required course for RN to BSN degree program. Prerequisites: 8 semester hours of Biology course work.
* Note: Course Subject to approval by the College of Arts and Sciences Faculty

REL 390  Special Topics.........................................................................................................................................................(3)
Study of a topic of special interest. Possible topics include (but are not limited to) Christian Thought, Old Testament Prophets, Women in the Bible, Old Testament Writings, Options in contemporary Christianity, Ethics in the World Religions, Women in the World Religions, Religion in Film. Prerequisites: ENG 112 or ENG 115 and REL 213 or REL 214 or consent of the Instructor.

REL 401  Religion in America................................................................................................................................................(3)
The study of the phenomenon of religion in America and its historical and cultural development from the early colonial period to the present. Emphasis will be placed on the dominance of religious institutions within colonial American society; historical and current definitions of religious freedom; and the contribution of various religious groups to the overall development of the American character. Prerequisites: HIS 225, 226, ENG 112 or ENG 115, and at least one course in Religion or approval by course Instructor. Cross-listed as HIS 401.
REL 410 Apocalyptic Literature
A study of the development of biblical apocalyptic thought, the literature that grew out of that movement, and the various ways in which it has been interpreted. **Prerequisites: REL 213 or REL 214 and ENG 112 or ENG 115.**

REL 420 Culture and Customs of the Biblical World
An introduction to the cultural world of the Old and New Testaments with emphasis on the social, political, economic, legal, and family traditions of societies included in or in some way affecting the biblical story. Patterns of daily life will be studied through the use of related texts written during the periods covered as well as through a consideration of archaeological excavations of particular ancient and biblical sites. **Prerequisites: REL 213 or REL 214.**

REL 430 Spirituality in the World Religions
A survey of the processes of human transformation taught and practiced by the world’s religions. Spirituality involves the praxis of a religion, so the course focuses on how adherents translate their religious perspective into daily life. The course explores spirituality in three ways: traditional patterns of spirituality found throughout the world’s religions, as well as non-traditional patterns that have arisen in the modern world; paradigmatic people that model transformation; and selected practices, such as prayer, yoga, and T’ai Chi. **Prerequisites: ENG 112 or ENG 115 and REL 230 or consent of the Instructor.**

REL 450 Religion Senior Seminar
Capstone course for those majoring in Religion; minors may take it as well. In this course students will write a paper pulling together the biblical, historical, and ethical material they have taken in the program. Faculty and students will decide on a topic or topics to discuss in class meetings. Open only to REL majors and minors in their senior year.

REL 499 Directed Individual Study
Research or reading project, devised by the student and under the supervision of an appropriate instructor. Open only to senior religion majors or minors who are completing their course work. May be repeated for credit. **Prerequisites: Permission of the Instructor, Division Chair, and Dean of the College of Arts and Sciences.**

Social Work (SW)
Social Work is a dynamic, noble, and altruistic profession with a rich history of commitment to the needs of others, especially the most vulnerable in our society. To achieve this, social work has a dual focus: to assist the individual to function as effectively as possible in their environment and to work to create conditions in society that foster healthy growth and development, personal freedom, and human dignity. This unique dual focus allows social workers to become involved in activities and service provision that protect, promote, or restore the well-being of all people. As such, social workers are employed in areas such as education, healthcare, mental health, counseling, services to the aging, substance abuse services, corrections and criminal justice, child welfare services, services for the mentally and physically disabled, rehabilitation, veteran services, government, politics and social policy, community development, and other similar areas.

The Social Work Program at the University of Pikeville educates students in the generalist practice approach, with an emphasis on social work practice in rural Appalachia. All social work majors are provided the opportunity to “practice” social work in the field in an approved agency under the direction of professional social workers and Program faculty. Graduates of the Social Work program are equipped with the knowledge, values, and skills necessary to be competent entry-level social work professionals, as well as being prepared for graduate study in social work and other human service fields.

Criteria for Admission to the Social Work Baccalaureate Degree Program
The following criteria have been established for admission to the University of Pikeville Social Work program.

1. The applicant must be enrolled at the University of Pikeville.
2. The applicant must submit an application for admission to the Division of Social Sciences no later than the following dates:
   a. Fall semester May 1*
   b. Spring semester October 1*
3. The applicant must have a minimum cumulative GPA of 2.50 on all completed college work.
4. The applicant must have a minimum combined GPA of 3.00 in PSY 110, SOC 119, and SW 215.
5. The applicant must complete the application process in its entirety. More detailed instructions can be found in the Social Work Program student Handbook.
6. The applicant must agree to a criminal background check, which is necessary for field education/practicum placement.
7. The applicant must review and sign a declaration to behave in a manner consistent with the National Association of Social Workers (NASW) Code of Ethics at all times.

*Note: Admission to University of Pikeville does not guarantee admission to the social work program.

Social Work Major
Basic program for a baccalaureate degree:

I. Core Requirements

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>SW 220</td>
<td>Development of Social Welfare</td>
<td>3</td>
</tr>
<tr>
<td>SW 315</td>
<td>Human Behavior in the Social Environment</td>
<td>3</td>
</tr>
<tr>
<td>SW 334</td>
<td>Professional Ethics</td>
<td>3</td>
</tr>
</tbody>
</table>

II. Social Work Requirements

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>SW 220</td>
<td>Development of Social Welfare</td>
<td>3</td>
</tr>
<tr>
<td>SW 315</td>
<td>Human Behavior in the Social Environment</td>
<td>3</td>
</tr>
<tr>
<td>SW 334</td>
<td>Professional Ethics</td>
<td>3</td>
</tr>
</tbody>
</table>

Total hours: 52-60
SW 340 Generalist Social Work Practice I: Individuals and Families ................................................................. 3
SW 350 Generalist Social Work Practice II: Groups ......................................................................................... 3
SW 360 Generalist Social Work Practice III: Organizations and Communities ............................................ 3
SW 380 Professional Communication Skills ................................................................................................. 3
SW 400 Social Welfare Policy: Theory and Practice ................................................................................... 3
SW 495 Senior Seminar-Capstone ..................................................................................................................... 3
SW 497 Social Work Practicum I ..................................................................................................................... 6
SW 498 Social Work Practicum II ..................................................................................................................... 6

Electives (6 hours)

Electives in SW, PSY, SOC, CJ, and/or ANT ..................................................................................................... 6
(Excluding SW 215, PSY 110, and SOC 119)

III. Related Studies Requirements ..................................................................................................................... 6 hours

PSY 285 Statistics of the Social Sciences
or
MTH 200 Statistics ............................................................................................................................................. 3

PSY 300 Experimental Psychology I
or
SOC 300 Research Methods ............................................................................................................................... 3

IV. General electives as needed to meet the minimum requirements of 120 semester hours.

Social Work Minor

Minor Requirements ............................................................................................................................................ 21 hours

SW 215 Introduction to Social Work .................................................................................................................. 3
SW 220 Development of Social Welfare ........................................................................................................... 3
SW 315 Human Behavior in the Social Environment ......................................................................................... 3
SW 334 Professional Ethics ................................................................................................................................. 3
SW 380 Professional Communication Skills ....................................................................................................... 3
PSY 285 Statistics of the Social Sciences
or
MTH 200 Statistics ............................................................................................................................................. 3
PSY 300 Experimental Psychology
or
SOC 300 Research Methods ............................................................................................................................... 3

Social Work Course Descriptions

SW 215 Introduction to Social Work .................................................................................................................. 3
An introduction to the social work profession, its philosophy, and value commitments to social welfare. Course will examine social work from its origins to current trends and influences. An overview of social work education is also discussed giving particular attention to social work values and ethics, generalist practice theory, diversity and populations-at-risk, social work roles, and an exploration of various practice settings. Course also includes a service learning component to orient students to the profession. Required of social work majors and recommended to be taken during first year. Prerequisites or corequisites: PSY 110 and SOC 119.

SW 220 Development of Social Welfare ........................................................................................................... 3
A survey and analysis of the social, cultural, economic, and political forces which have influenced the development of social welfare policies in the United States. The impact of these policies on various populations-at-risk is examined with special attention given to the impact of specific social welfare policies on the Appalachian region and its people. Course includes an examination of the role of the social work profession in the development of social welfare policy. Course also includes a discussion of contemporary social welfare policy and its impact on generalist social work practice. Required of social work majors and open to others. Prerequisites or corequisites: 3 hours in PSY and 3 hours in SOC; recommended that SOC 221 be taken prior or concurrently.

SW 305 Social Work Practice in Medical Settings ............................................................................................ 3
A description and examination of the role of social work practice in the healthcare delivery system, including the areas of hospital based medical case management, hospice care, and home healthcare within a bio-psycho-social framework. Course emphasis social work roles and intervention. Prerequisite: BIO 100/101 or beyond.

SW 315 Human Behavior in the Social Environment ......................................................................................... 3
This course presents and discusses the interrelatedness of the biological, psychological, social, cultural, economic, and environmental factors, which influence human development and behavior, and presents theories from various disciplines to assist in describing, explaining, and predicting human development and behavior. Special attention is given to diversity, specifically ethnicity, race, gender, social class, and sexual orientation and its relation to human development and behavior. Required of all social work majors and open to others. Prerequisites: 3 hours in PSY and 3 hours in SOC; recommended that ENG 112 or ENG 115 be completed prior to enrollment in course.

SW 334 Professional Ethics ................................................................................................................................. 3
This course provides an examination of the values and ethics inherent in the profession of social work. Basic philosophical underpinnings of various ethical approaches are examined. Course emphasizes the development of ethical decision-making through a variety of learning experiences such as lecture, group discussion, and case study analysis. Required of all social work majors and open to others. Prerequisites: 3 hours in PSY, 3 hours in SOC, and ENG 112 or ENG 115.
This is the first course in the social work practice sequence and presents the generalist practice model with emphasis on work with individuals and families. Course is designed to introduce the beginning student to the skills and practice of social work, including interviewing, assessment, case management, and crisis intervention. Course includes a focus on the strength-based, planned-change or problem solving process and gives special attention to social work’s obligation to populations-at-risk and the importance of cultural competence. Prerequisite: SW 315 and Admission to the Social Work Program.

SW 343 Issues in Aging .................................................................................................................................................................................. (3)
The biological, psychological, social, and cultural aspects of aging are examined. Special attention will be given to topics such as ageism and physical and mental health issues among the elderly as they relate to social work practice. Prerequisites: SW 315 and BIO 100/101 or beyond.

SW 350 Generalist Social Work Practice II: Groups ............................................................................................................................................. (3)
This is the second course in the social work practice sequence and presents the application of social work generalist practice skills in service delivery to groups. The course focuses on group work as a social work intervention method, stages of group development, group dynamics, and group processes. Students study the application of various theoretical approaches to social work with groups, including educational, support, self-help, and treatment groups. Special consideration is given to methods of group work with diverse client populations, particularly Appalachian people. Course includes an experiential learning component. Prerequisite: SW 340 and Admission to the Social Work Program.

SW 360 Generalist Social Work Practice III: Organizations & Communities .................................................................................................. (3)
This is the third and final course in the social work practice sequence and presents the generalist practice model with emphasis on macro level social work with organizations and communities. Generalist practice knowledge and skills are expanded to include community assessment, community organizing, program planning, evaluation, acquisition of funding, and grant writing. The course focuses on macro social work in the rural, Appalachian communities. The impact of oppression, discrimination, and prejudice on populations-at-risk, specifically those in Appalachia is discussed. Prerequisite: SW 340 and Admission to the Social Work Program.

SW 380 Professional Communication Skills .................................................................................................................................................... (3)
This course provides information on the various professional communication tasks in social work and other related human service disciplines, such as APA style, case notes, poster presentations, court testimony, press releases, public service announcements, professional correspondence, email, op-ed articles, meeting minutes, agency reports and grant proposals, policy statements, and other relevant methods of communication. Course is designed to offer students the opportunity to become familiar with the various methods of communication in the human services, to practice and master professional communication skills, to peer critique the writing of colleagues, as well as revise their own writing after peer and faculty critique. Required of all social work majors and open to others. Prerequisite: Junior standing or consent of the Instrucor.

SW 390 Special Topics in Social Work ............................................................................................................................................................ (1-3)
This course consists of small group study regarding issues of current and special significance for social work practice. Issues may include death and dying, racism and ethnic prejudices, global poverty, forensic social work, social work and law, social work and juvenile justice, AIDS, school social work, social work with gay and lesbian people, and social work with oppressed people. This course may be repeated in a different topic for a maximum of six hours. Prerequisites: Junior standing and consent of the Instructor.

SW 400 Social Welfare Policy: Theory and Practice ......................................................................................................................................... (3)
The course is an advanced course in social policy for students who have already obtained a basic understanding of the history and philosophy of the social work profession and its interrelatedness to the development of social welfare, as well as a foundational knowledge base of historical and contemporary patterns of social service provision. This course emphasizes policy practice. The first part of the course focuses on the analysis of social programs, policies, and the policy making process at all levels. The second part of the course will be devoted to the development of the knowledge and skills related to advocacy, such as media relations, community organizing and coalition building, lobbying methods, campaign strategies, position taking, and proposal development. An important focus of the course is to identify and understand the impact of a wide range of social policies on social work clients and the human service delivery system within a social justice framework with specific attention given to rural, Appalachian communities. The course content reflects the interdisciplinary efforts of the social, political, legal, economic, and administrative processes involved in policymaking at all levels. Required of all social work majors and open to others. Prerequisites: SW 220 and ENG 112 or ENG 115.

SW 450 Mental Health Assessment ................................................................................................................................................................. (3)
The course will examine the role of social workers in various mental health settings with special emphasis on assessment techniques, assessment tools, including scales, Diagnostic and Statistical Manual (DSM) criteria, and use of current DSM. Special attention given to social work roles in intervention and crisis stabilization. Prerequisites: 15 hours of course work in either SW, PSY, SOC, CJ; recommended that PSY 323 or PSY 440 are completed prior to enrollment in course.

SW 495 Senior Seminar – Capstone ................................................................................................................................................................. (3)
This course serves as the capstone course for the social work program and is designed to foster the integration of curriculum content, critical thinking, ethical problem-solving, and the use of informational resources in making decisions about social work practice. Additional focus of the course is on the preparation of students for continued professional development following graduation. In addition to course requirements, students will be expected to successfully complete a comprehensive exam. Prerequisites: Admission to Social Work Program AND pre- or corequisite SW 497.

SW 497 Social Work Practicum I ................................................................................................................................................................. (3)
This course is the first course in a field instruction sequence, which provides educationally directed practice experience under the direct supervision of an approved, agency-based professional social worker in collaboration with social work program faculty. This course provides students with the opportunity to integrate the knowledge, values, and skills of generalist social work practice in the field setting with client systems of all sizes (individuals, families, small groups, organizations, and communities). Emphasis is placed on supervised practice in a rural, Appalachian setting. A total of 240 hours will be completed through agency-based, on-site experiential learning. Course also includes a weekly seminar designed to complement field placement by assisting students with the integration of knowledge, values, and skills acquired in social work classes, applying that knowledge in the field, and the further development of generalist social work competencies. Prerequisites: Admission to the Social Work Program AND admission to field education component as outlined in the Social Work Program Field Education Handbook. Fee $100.
III. General Electives as needed to meet the minimum requirements of 120 semester hours.

I. Sociology Minor Requirements ........................................................................................................................................................................... 21 hours

II. Requirements for Sociology Major ...................................................................................................................................................................... 33 hours

Sociology Major

1. To prepare students for productive careers. While some coursework in this discipline is appropriate in any vocation, students planning their life work primarily around interaction with other persons will find this major a wise choice. Career possibilities are found in a wide variety of public and private enterprises, social services and business, or public administration settings from criminal justice to family and child service agencies to religious ministry or social action. Some career choices may require additional graduate education or other specialized training.

2. To provide training in theoretical analysis and the development of research skills, or other information on the means of social action, civic or religious leadership, or for those whose conscience calls them to engage our society in the pursuit of social justice or the peaceful resolution of social conflict; and

3. To equip students to pursue an academic career in teaching, administration or research as a professional Sociologist.

Sociology Major

I. Core Requirements...................................................................................................................................................................................... 52-56 hours

II. Requirements for Sociology Major.................................................................................................................................................................. 33 hours

Sociology Core (15 hours)

SOC 119 Introduction to Sociology ................................................................. 3
SOC 285 Statistics for the Social Sciences.................................................. 3
SOC 301 Sociological Theory ...................................................................... 3
SOC 310 Research Methods ........................................................................ 3
SOC 452 Interdisciplinary Commons in Law, Justice, and Society .......... 3

Sociology Electives (Select 18 hours from the following)

SOC 101 Cultural Geography .................................................................... 3
SOC 125 Introduction to Anthropology: Cultural and Linguistic .......... 3
SOC 221 Contemporary Social Problems and Public Policy ................. 3
SOC 229 The Family .................................................................................. 3
SOC 271 Criminology ............................................................................... 3
SOC 290 Special Topics in Sociology ....................................................... 1-3
SOC 315 Social Psychology ...................................................................... 3
SOC 325 Group Processes .......................................................................... 3
SOC 350 Culture of the Appalachian Region .......................................... 3
SOC 355 Deviant Behavior ........................................................................ 3
SOC 360 Domestic Violence in America .................................................. 3
SOC 393 Minority Group Relations ......................................................... 3
SOC 475 Social Psychology of the Criminal Mind ................................. 3
SOC 490 Special Topics in Sociology ....................................................... 3
SOC 498 Practicum (Repeatable) .............................................................. 3
SOC 499 Directed Individual Study in Sociology .................................. 3

III. General Electives as needed to meet the minimum requirements of 120 semester hours.

Sociology Minor

I. Sociology Minor Requirements ............................................................................................................. 21 hours

SOC 119 Introduction to Sociology ................................................................. 3
SOC 301 Sociological Theory ........................................................................ 3
SOC 310 Research Methods ........................................................................ 3
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>SOC 101</td>
<td>Cultural Geography</td>
<td>(3)</td>
</tr>
<tr>
<td>SOC 119</td>
<td>Introduction to Sociology</td>
<td>(3)</td>
</tr>
<tr>
<td>SOC 125</td>
<td>Introduction to Anthropology: Cultural and Linguistic</td>
<td>(3)</td>
</tr>
<tr>
<td>SOC 153</td>
<td>Introduction to the Juvenile System</td>
<td>(3)</td>
</tr>
<tr>
<td>SOC 221</td>
<td>Contemporary Social Problems and Public Policy</td>
<td>(3)</td>
</tr>
<tr>
<td>SOC 229</td>
<td>The Family</td>
<td>(3)</td>
</tr>
<tr>
<td>SOC 271</td>
<td>Criminology</td>
<td>(3)</td>
</tr>
<tr>
<td>SOC 285</td>
<td>Statistics for the Social Sciences</td>
<td>(3)</td>
</tr>
<tr>
<td>SOC 290</td>
<td>Special Topics in Sociology</td>
<td>(1-3)</td>
</tr>
<tr>
<td>SOC 301</td>
<td>Sociological Theory</td>
<td>(3)</td>
</tr>
<tr>
<td>SOC 310</td>
<td>Research Methods</td>
<td>(3)</td>
</tr>
<tr>
<td>SOC 315</td>
<td>Social Psychology</td>
<td>(3)</td>
</tr>
<tr>
<td>SOC 325</td>
<td>Group Processes</td>
<td>(3)</td>
</tr>
<tr>
<td>SOC 350</td>
<td>The Culture of the Appalachian Region</td>
<td>(3)</td>
</tr>
</tbody>
</table>

**Sociology Course Descriptions**

**SOC 101 Cultural Geography**
A study of the relationship between human societies and the natural environments they occupy: how human groups erect landscapes of human use upon the natural landscape. *Cross-listed as ANT 101 and GEG 101.*

**SOC 119 Introduction to Sociology**
What sociologists do and how they think; the study of the interaction of individuals and groups with their physical and social environment; consideration of the basic sociological conceptual repertoire and major explanatory frameworks used by sociologists.

**SOC 125 Introduction to Anthropology: Cultural and Linguistic**
A comparative survey of the culture and social institutions (including language) of mankind, with particular reference to contemporary western culture. Relevant aspects of primitive society are also considered. *Cross-listed as ANT 125.*

**SOC 153 Introduction to the Juvenile System**
A study of agencies, institutions, and processes of the juvenile justice system; historical and social-scientific evaluation of judicial decisions affecting the status of children in the legal system; the development and operation of the juvenile justice system from the police investigation to adjudication and final disposition. Some attention is given to treatment strategies in responding to delinquency.

**SOC 221 Contemporary Social Problems and Public Policy**
An analysis of current social problems in American society. This survey examines the relationship between selected American institutional structures and the development of popular beliefs and theories about social problems, from classical social pathologies to "blaming the victim" myths. Special attention will be given to the processes involved in the development and management of public policy, regulatory or administrative law, and the significance of social research and planning. Topics, among others, may include the impact of technology on society, the social consequences of poverty and inequality, and the social construction of reality creating such challenges as mental illness, crime, substance abuse, and others.

**SOC 229 The Family**
A study of modern marriage and family institutions in the context of radical change; examination of "marital happiness" as a cultural phenomenon; topics include the social regulation of mate selection, kinship relationships and sexual behavior, evaluation of research findings and emerging trends. *Cross-listed as ANT 229.*

**SOC 271 Criminology**
An analysis of the major and contemporary theories of criminal behavior, including casual factors and theories and procedures in prevention and treatment, social-scientific classification of offenders and offenses; historical and theoretical considerations in "punishment" as cultural and social phenomenon; evaluations of basic assumptions and philosophies that drive judicial sanctions and sentencing.

**SOC 285 Statistics for the Social Sciences**
This course will examine both descriptive (e.g. distributions, central tendency, variability, graphic representations) and inferential (e.g. t-tests, Analysis of Variance) statistics within the context of the social sciences. Emphasis will be placed on understanding the conditions that call for the use of one test over another. Students will be exposed to theory as well as to hands-on application through computer statistics packages such as SPSS. *Prerequisites: CJ 152, PSY 110 or SOC 119 and MTH 111 or higher. Cross-listed as CJ 285 and PSY 285.*

**SOC 290 Special Topics in Sociology**
Individual or small group study on a selected topic in the field of sociology. May be repeated as long as the topic is different from earlier studies. *Prerequisite: SOC 119.*

**SOC 301 Sociological Theory**
A study of the historical development of the field of sociology, theory construction, and the alternative models of inquiry which have influenced inquiry into, and the understanding of, social institutions and behavior. This study includes an examination of basic intellectual traditions and paradigms in sociological understanding, including normative beliefs and values as well as scientific theories of social relations and culture from the 18th century to the present. Theorists examined include both early and contemporary thinkers. *Prerequisite: SOC 119.*

**SOC 310 Research Methods**
An introduction to the major methodological procedures and strategies associated with social research conceptualization and operations, including research design, data collection, and analysis and interpretation; selected computer applications are utilized where appropriate. Statistical methodologies will address probability, sampling, measures of association, tests of statistical significance, and constructing and evaluating hypotheses. Both quantitative and qualitative research techniques are examined. *Prerequisites: SOC 301 or SOC 271 or consent of Instructor.*

**SOC 315 Social Psychology**
Human behavior viewed as individual and his or her sociocultural environment—that is, such cultural groups as the family in its various forms, the school, the church, the political party, the lodge or service club, the sports crowd, the mob, and the military unit. *Prerequisite: SOC 119 or PSY 110. Cross-listed as PSY 315.*

**SOC 325 Group Processes**
Study through theory and experiential activities of how and why groups work. Includes attention to educational support, self-help, growth, and therapy groups as well as informal groups with which one might interact. *Prerequisite: Combined 15 hours from Criminal Justice, Psychology, and/or Sociology.*

**SOC 350 The Culture of the Appalachian Region**
A study of the Appalachian culture and social systems, including family structure, social class, religion, and education. Some attention given to Appalachian folklore in dance, food, and story-telling. *Cross-listed as ANT 350.*
Spanish (SPN)

The Spanish courses are offered through the Division of Humanities. Courses in this area introduce students to the basic grammar and vocabulary of the language as well as the cultural contexts in which they are used.

Spanish Minor

Requirements.........................................................................................................................................................................................18-24 hours

Must include SPN 111 and 112 or equivalent (two years of high school Spanish and acceptable score on a standardized proficiency exam can be substituted for SPN 111 and 112); SPN 221, 222, and a minimum of 12 hours of the following upper-level courses: SPN 311, 312, 313, 314, 390, COM/ENG 315 Linguistics and REL 333 Abrahamic Religions in Spain.

Spanish Course Descriptions

SPN 111 Elementary Spanish I .............................................................................................................................................................................(3)
An introductory course, involving pronunciation, basics of grammar and construction, and acquisition of vocabulary. Special emphasis on the culture of the Spanish-speaking countries.

SPN 112 Elementary Spanish II .............................................................................................................................................................................(3)
A continuation of SPN 111. Prerequisite: SPN 111 or Instructor's permission.

SPN 221 Intermediate Spanish I .............................................................................................................................................................................(3)
A review of grammar; oral communication is encouraged, with an emphasis on expanding the student’s working vocabulary. Continuation of study of culture of Spanish-speaking countries. Prerequisite: SPN 112 or Instructor’s permission.

SPN 222 Intermediate Spanish II .............................................................................................................................................................................(3)
A continuation of SPN 221. Prerequisite: SPN 221.
SPN 290  Special Topics ............................................................................................................................................................................................. (3)
A study of a selected topic of special interest that may include, but is not limited to, the History of the Language, an Introduction to Hispanic Linguistics, Spanish Pronunciation and Phonetics, Translation, Spanish for the Professions, and Conversation. SPN 290 may be repeated for credit provided the topic of study differs from previous SPN 290 courses taken for credit. Prerequisite: Permission of Instructor.

SPN 311  Culture of Mexico ....................................................................................................................................................................................... (3)
Discussion in Spanish of the historical development, social problems, art and folklore of Mexico. Prerequisite: Upper division standing in Spanish (SPN 111, 112, 221, 222, or equivalents).

SPN 312  Culture of Spain .......................................................................................................................................................................................... (3)
Discussion in Spanish of the historical development, social problems, art and folklore of Spain. Prerequisite: Upper division standing in Spanish (SPN 111, 112, 221, 222, or equivalents).

SPN 313  Survey of Latin American Literature ........................................................................................................................................................... (3)
Study of important writers and literary works of Latin America from colonial times to the present. Lecture and discussion in Spanish. Prerequisite: Upper division standing in Spanish (SPN 111, 112, 221, 222, or equivalents).

SPN 314  Survey of Spanish Peninsular Literature ...................................................................................................................................................... (3)
Study of some important writers and literary works of Spain from the Middle Ages to the present. Lecture and discussion in Spanish. Prerequisite: Upper division standing in Spanish (SPN 111, 112, 221, 222, or equivalents).

SPN 390  Special Topics ............................................................................................................................................................................................. (3)
A study of a selected topic of special interest that may include, but is not limited to, the History of the Language, an Introduction to Hispanic Linguistics, Spanish Pronunciation and Phonetics, Translation, Spanish for the Professions, and Conversation. SPN 390 may be repeated for credit provided the topic of study differs from previous SPN 390 courses taken for credit. Prerequisite: Upper division standing in Spanish (SPN 111, 112, 221, 222 or equivalents.)
This section of the College of Arts and Sciences Catalog addresses the specific policies and procedures associated with the University of Pikeville’s graduate programs administrated by the College of Arts and Sciences. The University currently offers graduate level degrees in business (MBA) and osteopathic medicine (D.O.). The osteopathic medical program is housed in a separate academic unit – the University of Pikeville Kentucky College of Osteopathic Medicine (UP-KYCOM). Policies and procedures for the medical school are found in the University of Pikeville Kentucky College of Osteopathic Medicine (UP-KYCOM) Catalog.
GENERAL ADMISSIONS POLICIES FOR GRADUATE PROGRAMS

All master’s degree programs are selective and require program permission before admission and registration for any graduate courses. Admission standards are established for each master’s degree program at the University of Pikeville by the responsible academic unit. Students should contact the appropriate program director for specific program admission requirements and an application. Students must meet the following minimum criteria to be considered for admission to graduate study toward a master’s degree:

1. Complete the graduate program application for the program of interest. These are available in the Office of Admissions or from the specific graduate program office.
2. Hold an earned bachelor’s degree from a regionally accredited university or college or meet the special admission requirements. The University of Pikeville reserves the right, even after the enrollment of students, to make individual curricular adjustments whenever serious deficiencies have been identified by the program faculty. Students may be required to take such courses without credit toward the master’s degree and at their own expense.
3. Provide official transcripts of all post-secondary degree course work (undergraduate and graduate).
4. Satisfy one of the following:
   a. an undergraduate cumulative grade point average (GPA) of at least 2.5 on a 4.0 scale (all undergraduate course work, including work completed after the baccalaureate degree, is used to calculate the cumulative GPA).
   b. a cumulative GPA of at least 3.0 on a 4.0 scale for the last 60 hours of undergraduate course work taken (all coursework taken in semester when the 60th semester hour was taken will be included in the GPA calculation).
5. Meet all program admission requirements.

Special Admissions
There are two groups of students who must meet special admission requirements:

   International Students
All international students have earned the equivalent of a baccalaureate degree must have their transcripts evaluated by an agency approved by the National Association of Credential Evaluation Services (NACES). All international students whose primary language is not English are required to take the standardized Test of English as a Foreign Language (TOEFL) offered by the Educational Testing Service (ETS). The minimum required score for a paper test is 550, for an Internet test is 80, or for a computer test is 213. International students who have completed a bachelor’s degree from an accredited college or university in the U.S. are exempt from this requirement. International students will be officially admitted and issued a Form I-20A only after Enrollment Services has been notified that they have successfully passed the TOEFL, have met the program admission requirements, and have submitted a statement certifying their ability to meet all financial obligations.

   Graduates of Non-Regionally-Accredited U.S. Colleges and Universities
Graduates of colleges and universities that are not regionally accredited must meet the University of Pikeville undergraduate requirements for graduation before their applications for graduate study will be approved. In such instances the program director will evaluate the student’s preparation and if a student’s undergraduate preparation is deemed inadequate, this deficiency must be satisfied by taking designated courses that will not be counted as graduate credit. The University of Pikeville reserves the right, even after the enrollment of students, to make individual curricular adjustments whenever serious deficiencies have been determined by the program director. Students may be required to take such courses without credit toward the master’s degree and at their own expense.

Transfer Applicants
Transfer students interested in transferring in graduate level coursework are required to submit official transcripts from all colleges and universities attended by the specified document deadline. Transcripts will be evaluated by the Registrar in consultation with the appropriate graduate program director. The Registrar’s Office will notify the applicant regarding the transferability of the coursework. The University of Pikeville accepts credit for graduate courses from regionally accredited institutions according to the policies outlined below:

1. Transfer credit will be awarded for courses comparable to those taught at the University of Pikeville and/or that are compatible with the graduate program curriculum.
2. Credit will be granted only for courses with a grade of “B” or above and are subject to the degree time limits established by the individual programs. In general, no course work older than ten (10) years may be used to satisfy degree requirements at the time of graduation. Specific programs may have shorter time limits. For specific program requirements refer to the program listing in the University of Pikeville Catalog.
3. Transfer hours are limited to a maximum of one-third of the program requirements. Only course work with a grade of “B” or better will be accepted for transfer. For specific program requirements refer to the program listing in the University of Pikeville Catalog.
4. A minimum of nine of the last twelve semester hours used to complete the master’s degree requirements must be taken at the University of Pikeville.
5. The final grade point average (GPA) will include only those hours earned at the University of Pikeville.

6. Upon receipt of official transcripts, the University will make every effort to inform students of the amount of credit that will transfer prior to enrollment, but no later than the end of the first term of enrollment. A notation of “P” and the credit hours transferring are recorded on the University of Pikeville transcript; grade point averages and quality points are not recorded.

Students may petition for the transfer of credit not covered by the aforementioned. Requests will be considered on an individual basis according to established criteria. Further information and appropriate procedures for requesting transfer credit may be obtained from the Registrar’s Office.

Readmission

Any student who has been away from the University of Pikeville for at least one academic semester or has withdrawn during the previous semester must reapply for admission. An updated application and official transcripts from any institutions attended while away from the University of Pikeville are required for readmission. Please consult with the Program Director of the appropriate graduate program for details regarding rejoining the program.

Categories of Admission

All graduate students at the University of Pikeville are admitted under one of the following categories:

1. Degree candidates (regular) are those students seeking a graduate degree and meeting all requirements, general and program, for admission.

2. Special students (non-degree seeking) are those students not meeting all requirements for “regular” acceptance who may be admitted to certain classes as special, non-degree seeking students. Students must be qualified to enroll in classes with prerequisites and have the permission of the Graduate Program Director and the Dean of the College of Arts and Sciences to enroll. A student may take up to six (6) hours under this status.
FINANCIAL INFORMATION AND POLICIES FOR GRADUATE PROGRAMS

The University of Pikeville seeks to provide excellent instruction at a modest price. All graduate students are expected to familiarize themselves with the information and policies found in this section.

Graduate Tuition and Fees: The following are tuition and fee costs* associated with the University of Pikeville Graduate Program for the 2011-2012 academic year. These fees are subject to annual revision. The cost of all instructional materials, with the exception of books, required supplies, and the fees listed below, is included in the tuition charge.

2011-2012 Graduate Program Tuition and Fees*

<table>
<thead>
<tr>
<th>Cost</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Graduate Program Application Fee</td>
<td>$50.00 per application</td>
</tr>
<tr>
<td>MBA Program Tuition</td>
<td>$500.00 per credit hour</td>
</tr>
<tr>
<td>Graduate Program Graduation Fee</td>
<td>$250.00 (includes diploma, cap, gown, and hood)</td>
</tr>
<tr>
<td>Late Registration</td>
<td>$10.00</td>
</tr>
<tr>
<td>Transcripts</td>
<td>$10.00 per transcript</td>
</tr>
<tr>
<td>Returned Check</td>
<td>$20.00</td>
</tr>
<tr>
<td>Smart Card Replacement</td>
<td>$20.00</td>
</tr>
<tr>
<td>Replacement Diploma</td>
<td>$50.00</td>
</tr>
<tr>
<td>Room and Board Options</td>
<td>See Financial Information for Undergraduate Program</td>
</tr>
</tbody>
</table>

*All charges are accurate at the time of printing but are subject to change as deemed appropriate by the University of Pikeville in order to fulfill its mission or to accommodate circumstances beyond its control. Any changes may be implemented without prior notice and without obligation and, unless otherwise specified, are effective when made.

Official Registration

A student is not officially registered for any class until he or she has made a satisfactory settlement with the Business Office for tuition and fees, as well as room and board, if applicable.

Financial Responsibilities

All students are personally responsible for payment of financial obligations. Therefore, students must be familiar with the following policies, since no exceptions will be made.

Once a student has pre-registered for classes, the Business Office will send the student a bill showing the total charges for the term or session. All graduate students must have settled their account prior to the first day of classes as indicated in the published calendar for the program or they will be withdrawn from all courses. Students who register late for classes must settle their account immediately. Students are urged to report to the Business Office any inability to comply with a billing or any perceived discrepancies in their account. Questions concerning billing statements should be directed to the University’s Student Receivables Accountant at 606-218-5203.

Charges for parking tickets, library fines, unauthorized use of phones, or other charges will automatically be added to a student’s account and will become part of what the student owes the University. Any student who does not have a balance of zero at the end of the term or course session will not be permitted to register for a new semester or course session until that balance is paid.

No transcript will be issued to a student, nor will one be forwarded to another institution when there is an unpaid balance. A student will not be allowed to participate in commencement or receive a diploma if there is an unpaid balance.

Graduate Program Withdrawal and Refund Policy

All students who withdraw before a semester or session is completed may be assessed an administrative fee, the lesser of $100 or 5% of total cost. As the semester or session begins, charges will be credited as outlined below provided a student completes and submits the official withdrawal process. If a student discontinues attending classes and does not notify the Registrar’s Office in writing, the student forfeits all rights to a refund or reduction of fees. Graduate students are subject to the administrative withdrawal policies as outlined in the Undergraduate Scholarship and Financial Aid section of the University of Pikeville Catalog. Students who are administratively withdrawn from coursework with a grade of Q are not entitled to a refund. The refund schedule for graduate students is provided by the Graduate Program Tuition Refund Table shown below. The University reserves the right to make changes to the refund schedule when such changes are deemed necessary.
## Graduate Program Tuition Refund Table*

<table>
<thead>
<tr>
<th>Official Date of Withdrawal</th>
<th>Charge</th>
<th>Refund</th>
</tr>
</thead>
<tbody>
<tr>
<td>Courses of twelve (12) weeks or greater in length</td>
<td>On or before the end of the first week of classes.</td>
<td>0%</td>
</tr>
<tr>
<td></td>
<td>On or before the end of the second week of classes.</td>
<td>25%</td>
</tr>
<tr>
<td></td>
<td>On or before the end of the third week of classes.</td>
<td>50%</td>
</tr>
<tr>
<td></td>
<td>On or before the end of the fourth week of classes.</td>
<td>75%</td>
</tr>
<tr>
<td></td>
<td>After the fourth week of classes</td>
<td>100%</td>
</tr>
<tr>
<td>Courses greater than eight (8) weeks but less than twelve (12) weeks in length</td>
<td>On or before the end of the first week of classes.</td>
<td>0%</td>
</tr>
<tr>
<td></td>
<td>On or before the end of the second week of classes.</td>
<td>33%</td>
</tr>
<tr>
<td></td>
<td>On or before the end of the third week of classes.</td>
<td>67%</td>
</tr>
<tr>
<td></td>
<td>After the third week of classes</td>
<td>100%</td>
</tr>
<tr>
<td>Courses of eight (8) weeks or less in length</td>
<td>On or before the end of the first week of classes.</td>
<td>0%</td>
</tr>
<tr>
<td></td>
<td>On or before the end of the second week of classes.</td>
<td>50%</td>
</tr>
<tr>
<td></td>
<td>After the second week of classes</td>
<td>100%</td>
</tr>
</tbody>
</table>

*All charges are accurate at the time of printing but are subject to change as deemed appropriate by the University of Pikeville in order to fulfill its mission or to accommodate circumstances beyond its control. Any changes may be implemented without prior notice and without obligation and, unless otherwise specified, are effective when made.*

### Return of Title IV Funds Policy

Federal law specifies how the University of Pikeville must determine the amount of Title IV program assistance (Federal Financial Aid Programs) that a student has earned when they withdraw from school. The law assumes that the Title IV student aid is used to pay for institutional charges — tuition, fees, dorm room, and board. If a student withdraws prior to completing 60% of the semester or term for which they received federal student aid, they may be required to return some or all of the aid awarded. The calculation of amount of aid earned is based on the number of days (percentage of enrollment period) completed. This percentage will be applied to the total amount of Title IV aid which the student established eligibility for before withdrawing. This is the aid the student has earned. The amount of earned aid will be subtracted from the amount of aid which was (or could have been) disbursed and the remaining amount will be returned to the respective sources by the University of Pikeville and/or the student. If the student withdraws after 60% of the semester or term is completed, they will have earned 100% of the Title IV funds he or she was scheduled to receive during the period. **The calculation of Title IV funds earned by the student has no relationship to the student's incurred institutional charges.** For question about the University of Pikeville Return of Title IV Funds Policy, please contact the Office of Student Financial Services.

### Financial Aid Policies for Graduate Programs

Financial aid for all students is handled through the Office of Student Financial Services on the first floor of the Administration building. For specific graduate programs, students may want to also discuss possible financial aid options with the Program Director for their specific program.
STUDENT SERVICES FOR GRADUATE PROGRAMS

All student services provided by the University are available to graduate students. The Student Services Office, located on the ground floor of the Administration Building, is responsible for all non-academic aspects of student life. The office provides the following services: Career Development, Residence Life, Dining Services, Intramural Sports, Counseling, Student Activities, Testing, Disability Services, Veteran Affairs, and Health Services. Each graduate program is responsible for its own orientation program for incoming students. Please refer to the Undergraduate Student Services section of the University of Pikeville Catalog and the University of Pikeville Student Handbook for details concerning the various services offered.

Student Rights and Responsibilities
The campus environment is intended to foster the personal growth and development of the students who choose to attend the University of Pikeville.

Students are entitled to the basic rights and privileges of U.S. citizens. University of Pikeville students are expected to obey all federal, state, and local laws. In addition, they are expected to obey the rules and regulations established by the University. These specific regulations are contained in the University of Pikeville Student Handbook which is given to all students during the fall semester. It is the policy of the University that no student shall be excluded from participating in, be denied the benefits of, or be subjected to discrimination in any program sponsored by the University because of gender, race, religion, sexual orientation, age, handicap, or national origin. In order to promote a broad learning environment, University of Pikeville welcomes applications from individuals of diverse backgrounds.

Students with Disabilities
The University of Pikeville is committed to providing students with disabilities the same educational programs and services offered other students, in accordance with Section 504 of the Rehabilitation Act of 1973 and the Americans with Disabilities Act (ADA) of 1990. Under Section 504, a student has a disability if that individual has a physical or mental impairment that substantially limits major life activities such as walking, seeing, hearing, speaking, working, or learning. Section 504 further requires that institutions make appropriate and reasonable adjustments for students with disabilities to ensure accessibility to academic and nonacademic activities. Under ADA, all institutions of higher education must comply with government policies, procedures, and employment practices that impact the treatment of students.

Each student brings a unique set of strengths and experiences to the academic setting. Even though students learn in different ways, it is not necessary to dilute curriculum or to reduce course requirements for individuals with disabilities. Special accommodations may be needed, however, as well as modifications in the way information is presented and in methods of testing and evaluation. Faculty will be assisted in these efforts by drawing upon the students’ own prior learning experiences, using available institutional resources and collaborating with the Student Services Counselor. An individual with a disability is not required to accept an accommodation if the individual has not requested one and does not believe one is needed. However, if the individual refuses accommodation necessary to perform in that area of study and, as a result, cannot meet established requirements, the individual may not be considered qualified.

In order to be granted protection under Section 504 and ADA, students with disabilities must make the disability known to appropriate University officials (Student Services Counselor) and must provide current and comprehensive documentation concerning the nature and extent of the disability. A student with a disability may make known his/her disability and seek verification for it at any point in his/her academic career. Upon verification, the Disabilities Resources Office will work with the instructor and the student to determine reasonable accommodations. With the student’s written permission, a written description of accommodations will be forwarded to the instructor by the Disabilities Resources Office. Students with verified disabilities should contact the Disabilities Resources Office and inform faculty very early in the semester if they wish to exercise their rights to reasonable accommodations. Accommodations necessary for ensuring complete access and full participation in the education process do not require the instructor to adjust evaluations of academic performance nor absolve the student from personal responsibility for class attendance, assignments and other course requirements. Rather, accommodations make it possible for a student with a disability to learn the material presented and for the instructor to fairly evaluate the student’s performance.

Located in the Student Services Counselor’s Office, Administration Building, LL, 218-5232 the Disabilities Resources Office is under the supervision of the Office of the Vice President for Student Services. The Disabilities Resources Office maintains various publications regarding reasonable accommodations under Section 504 and ADA and serves both students and University employees with assistance in regard to appropriate services for students with disabilities.
ACADEMIC POLICIES FOR GRADUATE PROGRAMS

Many of the academic policies for graduate degree programs are the same as those policies for the undergraduate degree programs. This section highlights the differences in policies and directs the student to the appropriate section of the University of Pikeville Catalog when necessary. All students enrolled at the University of Pikeville are responsible for and expected to be familiar with the academic policies and procedures outlined in the catalog.

Student Rights and Responsibilities
The campus environment is intended to foster the personal growth and development of the students who choose to attend the University of Pikeville.

Students are entitled to the basic rights and privileges of U.S. citizens. University of Pikeville students are expected to obey all federal, state, and local laws. In addition, they are expected to obey the rules and regulations established by the University. It is the policy of the University that no student shall be excluded from participating in, be denied the benefits of, or be subjected to discrimination in any program sponsored by the University because of gender, race, religion, sexual orientation, age, handicap, or national origin. In order to promote a broad learning environment, the University of Pikeville welcomes applications from individuals of diverse backgrounds.

Graduate Student Classification
Individuals who are admitted into a University of Pikeville graduate program are classified either as Degree Candidates or Special Students:
1. Degree candidates (regular) are those students seeking a graduate degree and meeting all requirements, general and program, for admission.
2. Special students (non-degree seeking) are those students not meeting all requirements for “regular” acceptance who may be admitted to certain classes as special, non-degree seeking students. Students must be qualified to enroll in classes with prerequisites and have the permission of the Graduate Program Director and the Dean of the College of Arts and Sciences to enroll. A student may take up to six (6) hours under this status.

Graduate Student Course Load
A full-time graduate student must be enrolled in the equivalent of six (6) semester hours per semester. For programs that operate on an alternative model (for example: MBA cohort program), full-time is defined by the schedule of courses required.

Graduate Course Credit
Academic credit is awarded as semester hours. Earned graduate semester hours are only used for the fulfillment of the course requirements for a single specific program.

Academic Advising
Upon acceptance into a University of Pikeville graduate program, the student will be assigned a graduate advisor (primarily the Program Director) by the University Registrar. Students who have questions about courses or their academic program should seek assistance from their instructors, their graduate advisor, or the Program Director.

Graduate Course Requirement
Registration schedules are posted in advance of each semester and summer term. Students are strongly encouraged to meet with their Academic Advisors or the Program Director during these scheduled registration periods. Students needing assistance with registration, class selection, transcript evaluation and academic counseling may contact the Registrar’s Office at any time. Credit is granted only for courses for which students are properly registered.

Grading System:
The graduate programs at the University of Pikeville use the same letter system of grading as the undergraduate program.

<table>
<thead>
<tr>
<th>Grade</th>
<th>Definition</th>
<th>Point/Hour Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>Excellent</td>
<td>4 points per earned hour</td>
</tr>
<tr>
<td>B</td>
<td>Good</td>
<td>3 points per earned hour</td>
</tr>
<tr>
<td>C</td>
<td>Average</td>
<td>2 points per earned hour</td>
</tr>
<tr>
<td>D</td>
<td>Passing</td>
<td>1 point per earned hour</td>
</tr>
<tr>
<td>F</td>
<td>Failure</td>
<td>0 points per attempted hour</td>
</tr>
<tr>
<td>I</td>
<td>Incomplete*</td>
<td>0 points per attempted hour</td>
</tr>
<tr>
<td>Q</td>
<td>Quit (Administrative Withdrawal)</td>
<td>0 points per attempted hour</td>
</tr>
<tr>
<td>W</td>
<td>Withdraw*</td>
<td>0 hours, 0 points</td>
</tr>
<tr>
<td>WP</td>
<td>Withdrawed Passing*</td>
<td>0 hours, 0 points</td>
</tr>
<tr>
<td>WF</td>
<td>Withdrawed Failing</td>
<td>0 points per attempted hour</td>
</tr>
<tr>
<td>P</td>
<td>Pass*</td>
<td>Hours earned only</td>
</tr>
<tr>
<td>Au</td>
<td>Audit*</td>
<td>0 hours, 0 points</td>
</tr>
</tbody>
</table>

* Not used in computing the grade point average.
Semester Grades
The Faculty member will prepare a syllabus for each course taught that clearly states the course requirements and methods of evaluation. Syllabi for courses will be distributed to students at the beginning of each semester. At the end of each semester, grades are available approximately 48 hours after the scheduled final exam and can be viewed online using WebAdvisor.

Incomplete Grade
A grade of “Incomplete” is assigned only in instances where work is not completed because of serious illness, accident, death in the immediate family, etc. Before an “I” grade can be given, the appropriate form must be completed by the student and approved by the faculty member, the Program Director, and the Dean of the College of Arts and Sciences. Courses in which a student receives a grade of “I” must be completed within sixty calendar days from the last day of final exams; otherwise the grade becomes an “F.” The responsibility rests with the student to complete the work within the allotted time. The grade of “I” does not count as credit hours earned and may in some circumstances influence a student’s eligibility for financial aid.

Grade Point Average
The grade point average (GPA) is computed by dividing the total number of quality points by the total number of hours attempted. Semester hours earned and those for which a grade of “F”, “WF”, or “Q” is recorded comprise the number of semester hours attempted. Courses for which students receive grades of “W” or “WP” are not included in the grade point average computation.

Repeat a Graduate Course
Graduate students are allowed to repeat courses in accordance with the policy established by each graduate program. Please refer to the specific program requirements regarding repeat course policies.

If a student is allowed to repeat a course, the student will notify the Registrar of his or her intent to repeat a course (Use: Registration Permissions Form). Only the grade received on the final attempt will be used for calculating the cumulative grade point average and for meeting degree requirements. However, the student’s transcript will show all attempts and will indicate that the course was repeated. A course repeated at another institution will not affect the University of Pikeville GPA.

Graduate Academic Standing – Probation and Dismissal
Graduate students whose overall grade point average is at or above a 3.00 will be considered in good academic standing. Students who have less than a 3.00 overall GPA will be placed on academic probation or will be subject to dismissal from the program. Please refer to the specific program requirements regarding probationary and dismissal policies.

Withdrawal from a Graduate Course
A student wishing to withdraw from a course must consult with their graduate advisor and the Program Director (signature approval required). Withdrawal becomes effective only when the student presents official notice to the Registrar. A student who withdraws from a course after drop/add dates for classes will receive grade of “W” or a grade of “WP” or “WF” depending on the date of withdrawal. Refer to the academic calendar for specific dates. When a student does not officially withdraw from a class or from the University, a grade of “F” is incurred. For those graduate programs organized as a cohort, withdrawing from a course may result in a significant delay in progress through the program.

Withdrawal from the University
Any student who wishes to withdraw from the University must submit a completed Withdrawal Form to the Registrar. Forms are available in the Registrar’s Office. As part of the withdrawal process, students are required to meet with the Program Director, members of the Financial Aid Office, Business Office, and Student Services Office prior to submitting the form to the Registrar. Grades for courses will be assigned in accordance with the course withdrawal policies and refunds are issued in accordance with the policies outlined in the Financial Information section of the University of Pikeville Catalog. Withdrawal becomes effective only when the student presents the completed Withdrawal Form to the Registrar.

Cancellation of Courses
The University administration reserves the right to cancel any course for which an insufficient number of students has enrolled or for other reasons deemed necessary.

Academic Due Process – Course Grade Appeal
The undergraduate and graduate programs at the University of Pikeville use the same Course Grade Appeal Procedure. Please refer to the Undergraduate Academic Affairs section of the University of Pikeville Catalog or the University of Pikeville Student Handbook for details on the grade appeals procedure.

Academic Honesty
The University of Pikeville is an academic community, and like all other communities, it can function properly only if its members adhere to clearly established goals and values. Essential is the commitment to the principles of truth and academic honesty. In order to articulate fully its commitment to academic honesty and to protect members of its community from the results of dishonest conduct, the University of Pikeville has adopted the following policies to deal with cases of academic dishonesty.

Academic dishonesty includes, but is not limited to, the following acts:
(a) Cheating: intentionally using or attempting to use unauthorized materials, information, or study aids in any academic exercise.
(b) **Plagiarism:** the deliberate or accidental taking of another's ideas, work, or words as one's own without properly documenting or crediting the original source in any academic exercise.

c) **Fabrication:** the deliberate falsification or invention of any information or citation in an academic exercise.

d) **Facilitating Academic Dishonesty:** intentionally or knowingly helping or attempting to help another violate any provision of this policy.

If an act of academic dishonesty is determined to have occurred, sanctions will be imposed depending on the perceived intent and extent of the offense. Possible sanctions may include, but are not limited to, the following:

(a) giving a warning;
(b) reducing the grade for the academic exercise;
(c) giving an “F” or zero for the academic exercise;
(d) giving a failing grade in the course with the inability to withdraw;
(e) reporting the matter to the Dean of the College of Arts and Sciences for further possible action.

**Permission to Study at Other Institutions**

Graduate students enrolled at the University of Pikeville who wish to take a course at another accredited institution for credit toward a University of Pikeville graduate degree must obtain the permission of the Program Director and, either, the Registrar or the Dean of the College of Arts and Sciences prior to enrolling in the course. Repeating a course at another institution will not change the grade received at the University of Pikeville. Policies regarding repeating a course and the transfer of a course vary from graduate program to graduate program. Please refer to the specific program guidelines for details.

**Disciplinary Dismissal**

Inappropriate behavior in the classroom, clinical, field experience, or campus setting which seriously disrupts the learning process, endangers the health or safety of persons, or involve the destructive use or neglect of facilities will result in disciplinary action up to and including dismissal. Students dismissed for disciplinary reasons who wish to return must apply for reinstatement through the Office of Student Services.

Students who have been readmitted after Disciplinary Dismissal may be required to abide by a Readmission Contract which may specify one or more require activities or behaviors. Failure to abide by the Readmission Contract may result in the immediate dismissal of the student.

**Students with Disabilities**

The University of Pikeville is committed to providing students with disabilities the same educational programs and services offered other students, in accordance with Section 504 of the Rehabilitation Act of 1973 and the Americans with Disabilities Act (ADA) of 1990. For details of the regarding the University’s ADA policies and available services please see the Student Services section of the University of Pikeville Catalog.

**Student Responsibility for Graduation**

The ultimate responsibility for fulfilling graduation requirements rests with the individual student. Students should consult with their Academic Advisor to ensure that they are meeting all degree requirements. Students must apply for graduation. Applications for graduation are available in the Office of the Registrar. Diplomas will be issued only at yearly commencement exercises and only after all financial obligations to the University have been met.

**Transcript of Record**

Requests for transcripts must be made in writing to the Office of the Registrar. The request should include class or dates of attendance, full name, any former names, Social Security number, date of birth, and ID number. The university will exercise the right to withhold the transcript of any student with outstanding financial obligation to the university.

Upon request, official transcripts will be mailed directly to other institutions or agencies. Requests must specify the office and/or person to which the transcript is to be sent. Under special conditions, an official transcript, in a sealed envelope with the Registrar’s signature over the seal, may be given to a student. Transcripts given directly to students will be stamped “Issued to Student.”

**Confidentiality of Student Records**

In accordance with the Family Educational Rights and Privacy Act of 1974 (FERPA), University of Pikeville students have the right to inspect and review their official records, files, and data, including all materials incorporated in their cumulative record folder.

Students have the right to request a hearing to challenge the contents of these records to insure that they are accurate and do not violate the student’s rights. Students may also correct, amend or supplement their records.

The only information that will be released concerning students will be directory information, as defined in the Act, unless the student has specifically waived rights guaranteed under this Act.
General Requirements for Master Degrees
A candidate for the master’s degree is expected to fulfill the requirements for graduation at the time of admission or readmission to the University of Pikeville. The general requirements for the master’s degree are as follows; however, requirements will vary from program to program. For specific program requirements, refer to the program listing in the University of Pikeville Catalog or consult with the program’s director.

1. A minimum of 30 semester hours (at the 500 level or higher) with a minimum cumulative grade point average of 3.00 or higher. All course work (including transfer work) used to meet the requirements for a degree must have been completed no more than ten years prior to degree completion. For specific program requirements refer to the program listing in the University of Pikeville Catalog.

2. A grade of “C” or better in all course work used to meet program requirements. For specific program requirements refer to the program listing in the University of Pikeville Catalog.

3. Transfer hours are limited to a maximum of one-third of the program requirements. Only course work with a grade of “B” or better will be accepted for transfer. All transfer course work is listed with a grade of “P” on the University of Pikeville transcript. For specific program requirements refer to the program listing in the University of Pikeville Catalog.

4. A minimum of nine of the last twelve semester hours used to complete the master’s degree requirements must be taken at the University of Pikeville.

5. Successful completion of all program degree requirements

6. Successful completion of institutional and program assessment requirements.
GRADUATE CURRICULUM AND COURSE REQUIREMENTS

Masters of Business Administration (MBA)

The University of Pikeville MBA program is designed specifically for working professionals and their organizations. Professionals increase their business knowledge and maximize analytical and decision-making skills through participation in the program, which emphasizes application of business principles and demonstration of management competencies. The program’s integrative management approach provides cross-functional, cross-industry, and boundary-spanning perspectives on management.

The use of complex business cases requires students to assume the roles and responsibilities of organization leaders and managers. Students work in teams as they encounter organizational issues, problems, and assignments in a simulated business environment. The challenges and tasks confronting students are modeled on those faced by managers on a daily basis as they meet organizational responsibilities.

MBA Admission Requirements

The University of Pikeville MBA program admission standards meet or exceed the general admission requirements for graduate programs. In addition to the general admission requirements, applicants to the MBA program must meet the following criteria:

1. Complete the MBA Graduate Application and submit the application fee;
2. An undergraduate degree from a regionally accredited institution or, with approval of the program director, and a proven history of executive management experience;
3. A recommended 3.00 GPA in their undergraduate work;
4. A recommended minimum of three (3) years of work experience since receiving the undergraduate degree;
5. A minimum of two professional recommendations, one from their current employer, addressing career potential and ability to do graduate-level work.
6. All application materials must be submitted by the published deadline.

Applications, letters of recommendation, and transcripts of all undergraduate and graduate work should be sent to the MBA Admissions, University of Pikeville, 147 Sycamore Street, Pikeville, KY 41501, Email: MBA@upike.edu.

All MBA program applicants will be reviewed by the MBA Graduate Program Review Committee who will make the final admissions determination. A personal interview may be recommended prior to enrollment.

MBA Curricular Requirements

To earn the MBA a student must complete thirty six credit hours of graduate level course work. University of Pikeville reserves the right, even after the enrollment of students, to make individual curricular adjustments whenever serious deficiencies or needs are found. This may involve additional coursework whenever necessary. Deficiencies will be determined by the program faculty. Students may be required to take such courses without credit toward the master’s degree and at their own expense. The program curriculum is as follows:

Masters of Business Administration Requirements .............................................................................................................. 36 hours

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BUS 521</td>
<td>Managerial Communication</td>
<td>3</td>
</tr>
<tr>
<td>BUS 531</td>
<td>Accounting Analysis for Managerial Decisions</td>
<td>3</td>
</tr>
<tr>
<td>BUS 541</td>
<td>Management Information Systems</td>
<td>3</td>
</tr>
<tr>
<td>BUS 545</td>
<td>Quantitative Methods for Business</td>
<td>3</td>
</tr>
<tr>
<td>BUS 551</td>
<td>Managerial Economics</td>
<td>3</td>
</tr>
<tr>
<td>BUS 561</td>
<td>Financial Management</td>
<td>3</td>
</tr>
<tr>
<td>BUS 565</td>
<td>Legal Environment of Business and Government</td>
<td>3</td>
</tr>
<tr>
<td>BUS 571</td>
<td>Marketing Administration</td>
<td>3</td>
</tr>
<tr>
<td>BUS 580</td>
<td>Organizational Behavior</td>
<td>3</td>
</tr>
<tr>
<td>BUS 583</td>
<td>Contemporary Issues in Business</td>
<td>3</td>
</tr>
<tr>
<td>BUS 585</td>
<td>Leadership</td>
<td>3</td>
</tr>
<tr>
<td>BUS 590</td>
<td>Business Policy and Strategy</td>
<td>3</td>
</tr>
</tbody>
</table>

MBA Program Grade Point Average Requirement

A student must have a 3.0 overall GPA in all program coursework, with no more than two C’s in the program. In addition the student must maintain a 3.0 GPA in the program. This standard must be met for the student to graduate. If the student falls below these standards, then that student shall be placed on academic probation or will be subject to dismissal from the program.
MBA Learning Outcomes
At the conclusion of the degree program the graduate will:

1. Evaluate business problems by utilizing modeling and systems thinking to make decisions across functional areas;
2. Apply effective written and verbal communication skills, including interpersonal interaction and team behavior;
3. Integrate principles of executive leadership and managerial development;
4. Assess the impact of contemporary business trends on business decisions;
5. Use principles of strategic planning to improve long-term business viability; and
6. Describe the various forms of economic systems and models used by world-class organizations.

MBA Transfer Credit Policy
MBA student in the may not transfer more than six credit hours of graduate level work from a regionally accredited institution to the University of Pikeville.

MBA Repeat Course Policy
The graduate student may repeat a course one time if a grade of C or below was earned in the course. Only the grade received on the last attempt is computed into the cumulative GPA. No more than two courses may be repeated. The semester hours will be counted only once toward meeting the program requirements.

MBA Course Descriptions

BUS 521 Managerial Communication
An analysis and application of personal and organizational skills associated with the effective management of both public and private sector organizations. Skills to be developed or refined include oral and written communication, team-building and others. Prerequisite: Admission to the program.

BUS 531 Accounting Analysis for Managerial Decisions
Determination, analysis, and reporting of data for planning and controlling operations. Includes flexible budgets, standard costs, and systems of determining historical costs. Prerequisite: Admission to the program.

BUS 541 Management Information Systems
To familiarize students with the characteristics and functions of management information systems, as well as the benefits, limitations, and applications for advanced management information systems. Prerequisite: Admission to the program.

BUS 545 Quantitative Methods for Business
The use of quantitative methods for managerial decision making. A review of basic calculus and statistics as required in business. Other topics include decision analysis and linear programming. Prerequisite: Admission to the program.

BUS 551 Managerial Economics
Utilization of microeconomic theory and optimization techniques for management decision making. Prerequisite: Admission to the program.

BUS 561 Financial Management
An examination of business corporations practicing at the level of the individual firm with emphasis on quantitative analysis of the variables which affect liquidity and profitability. Prerequisite: Admission to the program.

BUS 565 Legal Environment of Business and Government
Preparing business executives for dealing with problems of the firm in its relationships with government. Applies case analysis to the broad categories of antitrust, trade regulation, and agency regulation. Prerequisite: Admission to the program.

BUS 571 Marketing Administration
An integrated approach to marketing from a managerial point of view: making use of economic, quantitative, and behavioral concepts in analyzing and developing a framework for the decision-making and implementation of the firm’s marketing program. Prerequisite: Admission to the program.

BUS 580 Organizational Behavior
Basic ideas and concepts for the effective management of an organization. Major topics include motivation, communication and decision-making processes, group dynamics, leadership study, conflict management, work and organizational design, and organization development. Prerequisite: Admission to the program.

BUS 583 Contemporary Issues in Business
This course will examine contemporary issues as they relate to the business climate and incorporate analytical thinking, flexibility, and creativity. Prerequisite: Admission to the program.

BUS 585 Leadership
This course will enable potential leaders in the public sector to define and evaluate personal and organizational goals and to develop strategies to achieve shared goals, categories of antitrust, trade regulation, and agency regulation. Prerequisite: Admission to the program.

BUS 590 Business Policy and Strategy
The study of administrative decision making under conditions of uncertainty. Policy construction at top administrative levels with emphasis on strategy and ethics with consideration of major functions of the business organization. Prerequisite: Admission to the program.
MBA Program Calendar – Class of 2013 (Cohort 1)
The University of Pikeville reviews and publishes its academic calendar each year. The calendar was accurate at the time of printing, but is subject to change as deemed appropriate by the University of Pikeville in order to fulfill its mission or to accommodate circumstances beyond its control. Any such changes may be implemented without prior notice and without obligation and, unless otherwise specified, are effective when made. The following calendar is **SUBJECT TO REVISION**

### Fall Semester 2011

<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>August 25-26</td>
<td>MBA Program Fall 2011 Registration</td>
</tr>
<tr>
<td>August 30</td>
<td>MBA Orientation – 6:00 p.m. to 9:00 p.m.</td>
</tr>
<tr>
<td>September 1</td>
<td>MBA Group A Classes Begin (Fall Session 1)</td>
</tr>
<tr>
<td>September 5</td>
<td>Labor Day (No classes)</td>
</tr>
<tr>
<td>October 13</td>
<td>MBA Group A Last Class Meeting</td>
</tr>
<tr>
<td>October 18</td>
<td>MBA Group A Final Exam</td>
</tr>
<tr>
<td>October 25</td>
<td>MBA Group B Classes Begin (Fall Session 2)</td>
</tr>
<tr>
<td>November 23-25</td>
<td>Thanksgiving Break (No Classes)</td>
</tr>
<tr>
<td>December 8</td>
<td>MBA Group B Last Class Meeting</td>
</tr>
<tr>
<td>December 12</td>
<td>MBA Group B Final Exam</td>
</tr>
</tbody>
</table>

### Spring Semester 2012

<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>January 3-4</td>
<td>MBA Program Spring 2012 Registration</td>
</tr>
<tr>
<td>January 5</td>
<td>MBA Group C Classes Begin (Spring Session 1)</td>
</tr>
<tr>
<td>February 16</td>
<td>MBA Group C Last Class Meeting</td>
</tr>
<tr>
<td>February 21</td>
<td>MBA Group C Final Exam</td>
</tr>
<tr>
<td>February 28</td>
<td>MBA Group D Classes Begin (Spring Session 2)</td>
</tr>
<tr>
<td>March 22-23</td>
<td>Spring Break (No Classes – University Closed)</td>
</tr>
<tr>
<td>April 12</td>
<td>MBA Group D Last Class Meeting</td>
</tr>
<tr>
<td>April 17</td>
<td>MBA Group D Final Exam</td>
</tr>
</tbody>
</table>

### Summer Semester 2012

<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>May 1-2</td>
<td>MBA Program Summer 2012 Registration</td>
</tr>
<tr>
<td>May 3</td>
<td>MBA Group E Classes Begin (Summer Session 1)</td>
</tr>
<tr>
<td>May 28</td>
<td>Memorial Day (University Closed)</td>
</tr>
<tr>
<td>June 14</td>
<td>MBA Group E Last Class Meeting</td>
</tr>
<tr>
<td>June 19</td>
<td>MBA Group E Final Exam</td>
</tr>
<tr>
<td>June 28</td>
<td>MBA Group F Classes Begin (Summer Session 2)</td>
</tr>
<tr>
<td>July 4</td>
<td>Independence Day (University Closed)</td>
</tr>
<tr>
<td>August 9</td>
<td>MBA Group F Last Class Meeting</td>
</tr>
<tr>
<td>August 14</td>
<td>MBA Group F Final Exam</td>
</tr>
</tbody>
</table>
Fall Semester 2012

August 23-24 MBA Program Fall 2012 Registration

August 30 MBA Group G Classes Begin (Fall Session 1)
(Classes Meet T and Th 6:00 p.m. to 8:40 p.m.)

September 3 Labor Day (No classes – University Closed)
October 11 MBA Group G Last Class Meeting
October 16 MBA Group G Final Exam

October 25 MBA Group H Classes Begin (Fall Session 2)
(Classes Meet T and Th 6:00 p.m. to 8:40 p.m.)

November 21-23 Thanksgiving Break (No Classes – University Closed)
December 6 MBA Group H Last Class Meeting
December 11 MBA Group H Final Exam

Spring Semester 2013

January 7-8 MBA Program Spring 2013 Registration

January 10 MBA Group I Classes Begin (Spring Session 1)
(Classes Meet T and Th 6:00 p.m. to 8:40 p.m.)

February 21 MBA Group I Last Class Meeting
February 26 MBA Group I Final Exam

March 7 MBA Group J Classes Begin (Spring Session 2)
(Classes Meet T and Th 6:00 p.m. to 8:40 p.m.)

March 21-23 Spring Break (No Classes – University Closed)
April 18 MBA Group J Last Class Meeting
April 23 MBA Group J Final Exam

May 18 Graduation for Class 2013
THE COLLEGE OF ARTS AND SCIENCES FACULTY (2011-2012)

Victoria Poole Adams ................................................................. Instructor of Religion  
B.A. University of Kentucky  
M.Div. Louisville Presbyterian Theological Seminary

Robert W. Arts ........................................................................... Professor of Education and Physics  
B.S. Ohio University  
M.S. University of Kentucky  
Ph.D. Capella University

Deborah L. Atkinson .................................................................. Assistant Professor of Developmental Reading  
B.A. University of Cumberlands  
M.A. University of Cumberlands

Carol Baker .............................................................................. Professor of Education  
B.A. Morehead State University  
M.A. Morehead State University

Lois M. Baker ........................................................................... Assistant Professor of Accounting  
B.B.A. Pikeville College  
M.S. Appalachian State University

Ronald Barnhart ....................................................................... Assistant Professor of Mathematics  
B.S. Grove City College  
M.S. West Virginia University  
Ph. D. University of Pittsburgh

Mark Bolt .................................................................................. Associate Professor of Biology  
B.S. Alma College  
Ph.D. University of Missouri-Columbia

James C. Browning .................................................................. Associate Professor of Religion  
B.A. Ouachita Baptist University  
M.R.E. Southwestern Baptist Theological Seminary  
Ph.D. Baylor University

Canda Byrne .......................................................................... Associate Professor of Nursing  
A.S.N. Manatee Community College  
B.S.N. Pittsburg State University  
M.S.N. Wichita State University  
D.N.P. Rush University

Stephen Budney ........................................................................ Professor of History  
B.A. University of Maine  
M.A. University of Maine  
Ph.D. University of Mississippi

John Cade ............................................................................... Professor of Mathematics/Computer Science  
B.S. Iowa State University  
M.A. California State College-Fullerton  
Ph.D. University of Massachusetts

Nancy Cade ............................................................................ Professor of History/Political Science  
B.S. Ball State University  
M.A. Ball State University  
Ph.D. Ball State University

Petra Carroll ............................................................................ Assistant Professor of Art  
B.A. Rutgers University  
B.F.A. Winthrop University  
M.F.A. Winthrop University

Robert Chamblin .................................................................... Assistant Professor of Mathematics  
A.S. Southern State Community College  
B.S. University of Rio Grande  
M.S. Wright State University

Harold Chittum ....................................................................... Associate Professor of Biology  
B.S. East Tennessee State University  
M.S. East Tennessee State University  
Ph.D. East Tennessee State University

Cindy Clark ............................................................................ Assistant Professor of Health Education  
A.S. Minnesota State University  
B.A. Minnesota State University  
B.S Minnesota State University  
M.S. Minnesota State University  
Ph.D. Southern Illinois University

Basil Clark ............................................................................. Associate Professor of Speech and Theater  
A.A. Lees College  
B.A. Eastern Kentucky University  
M.A. University of Kentucky  
M.A. Morehead State University
Benjamin Clayton ................................................................................................................................................................................................ Assistant Professor of Chemistry
B.S. East Tennessee State University
M.S. University of Memphis
Ph.D. University of Memphis

Bernadine Cochran ................................................................................................................................................................................................ Associate Professor of Mathematics/Computer Science
B.S. University of Virginia College at Wise
M.S. East Tennessee State University

Karen Damron ................................................................................................................................................................................................ Associate Professor of Nursing
B.S.N. University of Texas
M.S.N. Bellarmine University

Dwyna Dean ................................................................................................................................................................................................ Associate Professor of Nursing
A.S. Hazard Community College
B.S. University of Kentucky
M.S.N. University of Kentucky

Donna DeSarro-Raynal ................................................................................................................................................................................................ Assistant Professor of Religion
B.A. College of William and Mary
M.Div. Union Presbyterian Seminary
Th.M. Princeton Theological Seminary
Ph.D. Union Presbyterian Seminary

Sydney England ................................................................................................................................................................................................ Assistant Professor of Developmental English
B.S. Pikeville College
M.A. Morehead State University

Karen S. Evans ................................................................................................................................................................................................ Assistant Professor of Library Services
B.A. University of Virginia College at Wise
M.S.I.S. University of Tennessee

Johnny Fleming ................................................................................................................................................................................................ Instructor of Developmental Mathematics
B.S. Pikeville College

LeAnne M. Forquer .................................................................................................................................................................................................. Assistant Professor of Psychology
B.S. Central Michigan University
M.S. Central Michigan University
Ph.D. Central Michigan University

Howard Francis .................................................................................................................................................................................................. Associate Professor of Mathematics/Computer Science
B.S. Rose-Hulman Institute of Technology
B.S. Rose-Hulman Institute of Technology
M.A. Indiana University

Hannah Freeman ................................................................................................................................................................................................ Assistant Professor of English
B.A. University of North Carolina – Chapel Hill
M.A. Western Carolina University
Ph.D. University of Kentucky

Janean Freeman ................................................................................................................................................................................................ Assistant Professor of Music
B.M Indiana State University
M.M. Morehead State University

Pamela Gilliam ................................................................................................................................................................................................ Associate Professor of Business
B.S. Eastern Kentucky University
M.B.A. Eastern Kentucky University

Rafal M. Grudzien ................................................................................................................................................................................................ Assistant Professor of Chemistry
B.S. Maria Curie-Skłodowska University
M.S. Maria Curie-Skłodowska University
Ph.D. Kent State University

Thomas R. Hess ................................................................................................................................................................................................ Professor of Chemistry
B.S. Centre College
Ph.D. Texas A&M University

Michael Holcomb .................................................................................................................................................................................................. Associate Professor of Mathematics
B.S. Oklahoma State University
M.S. Purdue University
Ph.D. Louisiana State University

John Howie ................................................................................................................................................................................................ Carolina
B.A. Swarthmore College
M.A. University of Dallas
Ph.D. University of Dallas

Genesia Kilgore-Bowling ................................................................................................................................................................................................ Assistant Professor of Social Work
B.A. Pikeville College
M.S.W. University of Kentucky

James Michael King ................................................................................................................................................................................................ Associate Professor of Education
B.S. Radford University
M.S. Radford University
Ph.D. Virginia Tech
Patricia Kowalok .................................................................................................................................................................................. Professor of Art
  B.F.A. University of Iowa
  M.A. University of Iowa
  M.F.A. University of Iowa

Brigitte LaPresto .................................................................................................................................................................................. Professor of English
  B.A. Mercator University of Duisberg
  M.A. Bowling Green State University
  M.A. Bowling Green State University
  Ph.D. Bowling Green State University

Gene Loev .................................................................................................................................................................................................. Professor of Economics
  B.A. Oklahoma State University
  M.A. University of Chicago

Dawnetta Marcum .................................................................................................................................................................................. Assistant Professor of Nursing
  A.S. Southern West Virginia Community College
  B.S.N. West Virginia Institute of Technology
  M.S.N. University of Phoenix

Chandra K. Massner ............................................................................................................................................................................... Associate Professor of Communication
  B.S. Ohio University
  M.A. University of Kentucky

Brenda Maynard .................................................................................................................................................................................. Associate Professor of Business
  B.S. Eastern Kentucky University
  M.A.Ed. Eastern Kentucky University

Michael McGill .................................................................................................................................................................................... Assistant Professor of Communication
  B.A. Susquehanna University
  M.A. Bowling Green State University

Mathys Meyer .................................................................................................................................................................................... Assistant Professor of Biology
  A.A. Carl Sandburg College
  B.A. Knox College
  M.S. Illinois State University

Kossuth Mitchell .................................................................................................................................................................................. Professor of Business
  A.A. Monterey Peninsula College
  B.S. James Madison University
  M.B.A. James Madison University
  Ph.D. Nova Southeast University

John P. Nelson .................................................................................................................................................................................. Professor of Education
  B.S. Cumberland College
  M.A. Eastern Kentucky University
  Ed.D. Vanderbilt University

Shirley A. Nelson .................................................................................................................................................................................. Jean Coleman Distinguished Professor of Education
  B.A. Cumberland College
  M.A. Eastern Kentucky University
  Ed.D. Vanderbilt University

Linda M. Neuzil .................................................................................................................................................................................. Assistant Professor of Education
  B.A. Judson University
  M.Ed. National-Louis University
  Ed.D. Northern Illinois University

Reginald Overton .................................................................................................................................................................................. Professor of Sport Management
  A.S. Volunteer State Community College
  B.S. Middle Tennessee State University
  M.S. United States Sports Academy
  M.B.A. Auburn University
  Ed.D. Temple University

Michael G. Phelan ............................................................................................................................................................................. Associate Professor of Sociology and Criminal Justice
  B.A. Winona State University
  M.A. Makato State University
  Ph.D. University of Kentucky

Eric S. Primm .................................................................................................................................................................................. Associate Professor of Sociology
  B.S. Virginia Polytechnic Institute and State University
  Ph.D. University of Colorado

James Riley .................................................................................................................................................................................. Professor of English
  B.A. University of Central Arkansas
  M.A. University of Arkansas
  Ph.D. Ohio University

Howard Roberts .................................................................................................................................................................................. Burlin Coleman Distinguished Professor of Business
  B.S. Pikeville College
  M.B.A. Marshall University
David B. Roby .................................................................................................................. Visiting Assistant Professor of Spanish
  B.A. West Virginia University
  M.A. West Virginia University
  Ph.D. The University of Texas

Amanda Runyon ............................................................................................................. Instructor of Developmental English
  B.A. Pikeville College

Mary Rado Simpson ...................................................................................................... Professor of Nursing
  B.S.N. Western Connecticut State University
  M.S.N. University of Kentucky
  Ph.D. University of Kentucky

David A. Smith ............................................................................................................... Associate Professor of Business
  B.G.S. University of Kentucky
  M.B.A. University of Phoenix
  Ph.D. University of Phoenix

Ella M. Smith .................................................................................................................. Assistant Professor of Spanish
  B.A. The University of Virginia’s College at Wise
  M.A. The Ohio State University

Valerie Stackman ........................................................................................................... Assistant Professor of Sociology and Criminal Justice
  B.A. St. John Fisher College
  M.A. Howard University
  Ph.D. Howard University

Linda Taylor .................................................................................................................... Instructor of Nursing
  A.S.N. Southeast Community College
  B.S.N. Graceland University

Diane S. VanCleave ....................................................................................................... Associate Professor of Social Work
  B.S. University of Evansville
  M.S. University of Louisville
  Ph.D. Capella University

Elgin Ward ...................................................................................................................... Associate Professor of English
  B.A. Marshall University
  M.A. Marshall University

Gary O. Warford ............................................................................................................. Assistant Professor of Education
  B.A. Eastern Kentucky University
  M.A. Eastern Kentucky University

Mary Beth Webb ............................................................................................................ Associate Professor of Math Education
  B.S. Illinois State University
  M.S. Illinois State University
  Ed.D. Illinois State University

Timothy Whittier .......................................................................................................... Associate Professor of Biology
  B.S. Idaho State University
  M.S. University of Hawaii
  Ph.D. University of Hawaii
PRESIDENT EMERITI

William H. Owens
B.S. Georgetown College
M.S. Catholic University of America
Doctor of Humane Letters (Honorary) University of Pikeville
Doctor of Humane Letters (Honorary) Centre College
Doctor of Letters (Honorary) Georgetown College

Harold H. Smith
A.B. Centre College
M.B.A. American University
Doctor of Laws (Honorary) Cumberland College

DEAN EMERITUS

Wallace Campbell
B.A. Berea College
M.A. Eastern Kentucky University
Ph.D. University of Toledo

FACULTY EMERITI

Jim Andy Caudill
B.A. Morehead State University
M.A. Marshall University

Peggy Davis
B.A. Northern Arizona University
M.A. University of Arizona

Lois Esham
B.S. Pikeville College
M.S., M.A. Morehead State University
Ph.D. Virginia Polytechnic Institute and State University

C. Frank Jacks
A.B. Emory University
B.D. Columbia Theological Seminary
Th.D. Union Theological Seminary

Robert Mayfield
B.S. University of Cincinnati
M.S. University of Cincinnati
Ed.D. University of Cincinnati

John Scott
B.A. University of Arkansas
M.A. University of Arkansas
Ph.D. University of Arkansas

Kathy Sohn
B.A. St. Joseph College (Maryland)
M.A. Northern Arizona University
M.Ed. University of North Carolina at Greensboro
Ph.D. Indiana University of Pennsylvania

Alvin Stinnett
B.T.A. Pasadena Playhouse College of Theater
B.A. University of Louisville
M.A. University of Louisville
Office of the President

Governor Paul E. Patton ...........................................................................................................President of the University
   B.S. University of Kentucky College of Engineering

James Hurley .........................................................................................................................Vice President/Special Assistant to the President
   B.S. Pikeville College
   M.Ed., Indiana University
   Rank I, University of Kentucky

Lisa Lange ...............................................................................................................................Director of Human Resources
   B.A. Methodist University
   M.B.A. Stephens College

Office of Academic Affairs

Thomas Hess .........................................................................................................................Vice President for Academic Affairs/Dean of the College of Arts and Sciences
   B.S. Centre College
   Ph.D. Texas A&M University

Robert Arts .........................................................................................................................Chair, Division of Mathematics and Natural Sciences
   B.S. Ohio University
   M.S. University of Kentucky
   Ph.D. Capella University

Nancy Cade ..........................................................................................................................Chair, Division of Social Sciences
   B.S. Ball State University
   M.A. Ball State University
   Ph.D. Ball State University

Genesia Kilgore-Bowling .....................................................................................................Social Work Program Director
   B.A. Pikeville College
   M.S.W. University of Kentucky
   A.B.D. University of Kentucky

Brigitte LaPresto ................................................................................................................Chair, Division of Humanities
   B.A. Mercator University of Duisberg
   M.A. Bowling Green State University
   M.A. Bowling Green State University
   Ph.D. Bowling Green State University

Shirley A. Nelson .................................................................................................................Chair, Division of Education/Developmental Studies Program Director
   B.A. Cumberland College
   M.A. Eastern Kentucky University
   Ed.D. Vanderbilt University

Gia Rae Potter ......................................................................................................................Assistant Vice President for Academic Affairs and Registrar
   A.A. Prestonsburg Community College
   B.B.A. Pikeville College
   M.A. Morehead State University

Howard Roberts ..................................................................................................................Chair, Division of Business and Economics
   B.S. Pikeville College
   M.B.A. Marshall University

Mary Rado Simpson ...........................................................................................................Chair, Division of Nursing
   B.S.N. Western Connecticut State University
   M.S.N. University of Kentucky
   Ph.D. University of Kentucky

David Smith .........................................................................................................................MBA Program Director
   B.G.S. University of Kentucky
   M.B.A. University of Phoenix
   Ph.D. University of Phoenix

Library Services

Karen S. Evans ......................................................................................................................Director of Library Services
   B.A. University of Virginia College at Wise
   M.S.I.S. University of Tennessee

Melinda C. Robertson ..........................................................................................................Medical Librarian for School of Osteopathic Medicine
   B.S. Pikeville College
   M.S.L.S. University of Kentucky

ROTC - Military Science

LTC Todd McLean .................................................................................................................Senior Military Science Instructor
   B.B.A. Morehead State University
   Military: Branch Qualified Aviation Officer
MAJ Danny K. Prater .............................................................................................................................................................................. Assistant Professor Military Science
B.S. Electronics Engineering Technology DeVry University
Minor, Military History, The Ohio State University
Military: Branch Qualified Engineer, Signal, and Armor Officer

Office of Admissions, Scholarships and Financial Aid
Gary Justice ......................................................................................................................................................................................................... Director of Admissions
B.B.A. Pikeville College
Judy Bradley ........................................................................................................................................................................................................... Director of Financial Aid
B.A. Pikeville College
Amelia Ray ............................................................................................................................................................................................................ Student Success Coordinator
A.A. Piedmont College
B.A. Pikeville College
Teresa Lockhart ......................................................................................................................................................................................................... Director of Booth Program
B.A. Pikeville College
M.A. Morehead State University
Rank I Morehead State University

Office of Advancement and Public Relations
Eric A. Becher ............................................................................................................................................................................................... Vice President for Development
B.M. University of Michigan
M.M. University of Michigan
Ph.D. University of Louisville
Lucy Holman ........................................................................................................................................................................................................... Assistant Vice President for Public Relations
B.A. Pikeville College
B.A. Morehead State University

Office of Business Affairs
Douglas Lange ........................................................................................................................................................................Vice President for Finance and Business Affairs
B.S. Texas A&M University
M.B.A. Angelo State University
John W. Holman...................................................................................................................................................................................................... Director of Facilities Management
B.S. St. Thomas Aquinas College
Peggy Newsome ........................................................................................................................................................................................................... Assistant Vice President for Finance and Controller
B.A. Pikeville College
M.S. Appalachian State University
CPA

Safety and Security
Allen Abshire ................................................................................................................................................................................................... Director of Safety and Security

Information Technology
Corrine Bolt ................................................................................................................................................................................................... Assistant Vice President for IT
B.S. Central Michigan
M.Ed. Rivier College

Office of Institutional Research and Effectiveness
Margaret Wright Sidle.............................................................................................................................................................................. Director of Institutional Research and Effectiveness
B.S. University of Minnesota – Twin Cities
M.A. University of South Dakota
Ph.D. University of Missouri – Columbia

Office of Student Services
Ron Damron ..................................................................................................................................................................................................... Vice President for Student Services/Dean of Students
B.A. Eastern Kentucky University
M.A. Morehead State University
Britta Gibson ........................................................................................................................................................................................... Assistant Dean for Student Services
B.S. Eastern Kentucky University
M.S. University of Tennessee

Athletics
Reginald Overton ..................................................................................................................................................................................................... Director of Athletics
A.S. Volunteer State Community College
B.S. Middle Tennessee State University
M.S. United States Sports Academy
M.B.A. Auburn University
Ed.D. Temple University
Robert Staggs ..................................................................................................................................................................................................... Associate Athletic Director/Softball Coach
B.B.A. Pikeville College
<table>
<thead>
<tr>
<th>Name</th>
<th>Title</th>
<th>Education</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tim Alderman</td>
<td>Tennis Coach</td>
<td>B.S. Morehead State University</td>
</tr>
<tr>
<td></td>
<td></td>
<td>M.S. Morehead State University</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Rank I Morehead State University</td>
</tr>
<tr>
<td>Kevin Auton</td>
<td>Men’s Golf Coach</td>
<td>B.A. Pikeville College</td>
</tr>
<tr>
<td>Rick Bentley</td>
<td>Sports Information Director/Assistant Athletic Director</td>
<td>B.B.A. Pikeville College</td>
</tr>
<tr>
<td>Anna Bevins</td>
<td>Volleyball Coach</td>
<td>B.B.A. Pikeville College</td>
</tr>
<tr>
<td>John Biery</td>
<td>Men’s &amp; Women’s Cross Country Coach</td>
<td>B.S. Pikeville College</td>
</tr>
<tr>
<td>Justin Brashear</td>
<td>Athletic Trainer</td>
<td>B.S. Eastern Kentucky University</td>
</tr>
<tr>
<td>Ron Damron</td>
<td>Women’s Bowling Coach</td>
<td>B.A. Eastern Kentucky University</td>
</tr>
<tr>
<td></td>
<td></td>
<td>M.A. Morehead State University</td>
</tr>
<tr>
<td>Terran Duncan</td>
<td>Assistant Women’s Basketball Coach</td>
<td>B.S. Lindsey Wilson College</td>
</tr>
<tr>
<td>Erica Erb</td>
<td>Women’s Lacrosse Coach</td>
<td>B.S. Old Dominion University</td>
</tr>
<tr>
<td>Chad Gassman</td>
<td>Baseball Coach</td>
<td>B.A. Morehead State University</td>
</tr>
<tr>
<td></td>
<td></td>
<td>M.A. Oliver Nazarene University</td>
</tr>
<tr>
<td>Dudley Hilton</td>
<td>Football Coach</td>
<td>A.S. St. Catherine College</td>
</tr>
<tr>
<td></td>
<td></td>
<td>B.S. East Kentucky University</td>
</tr>
<tr>
<td></td>
<td></td>
<td>M.A. Morehead State University</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Rank I Union College</td>
</tr>
<tr>
<td>Kevin Reigle</td>
<td>Men’s Soccer Coach</td>
<td>B.S. Pikeville College</td>
</tr>
<tr>
<td></td>
<td></td>
<td>M.Ed. Cal Coast University</td>
</tr>
<tr>
<td>Kelly Rowe</td>
<td>Cheerleader Coach</td>
<td>B.S. Pikeville College</td>
</tr>
<tr>
<td>Nelson R. Scott</td>
<td>Women’s Golf Coach</td>
<td>B.A. Eastern Kentucky University</td>
</tr>
<tr>
<td></td>
<td></td>
<td>M.A. Eastern Kentucky University</td>
</tr>
<tr>
<td>Gary Warford</td>
<td>Women’s Soccer Coach</td>
<td>B.A. Eastern Kentucky University</td>
</tr>
<tr>
<td></td>
<td></td>
<td>M.A. Eastern Kentucky University</td>
</tr>
<tr>
<td>Bill Watson</td>
<td>Head Women’s Basketball Coach</td>
<td>B.S. Pikeville College</td>
</tr>
<tr>
<td>R. Kelly Wells</td>
<td>Men’s Basketball Coach</td>
<td>B.A. Morehead State University</td>
</tr>
<tr>
<td></td>
<td></td>
<td>M.A. Morehead State University</td>
</tr>
<tr>
<td>Kyle Wilson</td>
<td>Men’s Bowling Coach</td>
<td>B.S. Pikeville College</td>
</tr>
</tbody>
</table>
BOARD OF TRUSTEES

Officers
Terry L. Dotson ......................................................................................................................................................................................... Chairman of the Board
Paul E. Patton ......................................................................................................................................................................................... President of the University and of the Corporation
William J. Baird III ................................................................................................................................................................................... Vice Chairman of the Board
Daniel P. Stratton .................................................................................................................................................................................... Secretary of the Board

Trustees
William J. Baird III ...................................................................................................................................................................................... Attorney
Baird & Baird, PSC
Pikeville, Kentucky

James H. Booth .......................................................................................................................................................................................... President
Beach Fork Processing
Lovely, Kentucky

Kay Brown ................................................................................................................................................................................................. Banker
Farmers National Bank
Cynthiana, Kentucky

Ballard W. Cassady Jr. ............................................................................................................................................................................ President & CEO
Kentucky Bankers Association
Louisville, Kentucky

Charles B. Chrisman Jr. ............................................................................................................................................................................. Architect
Lexington, Kentucky

Sara Walter Combs .................................................................................................................................................................................... Judge, Court of Appeals
Commonwealth of Kentucky Court of Appeals
Stanton, Kentucky

Linda Scott DeRosier ................................................................................................................................................................................... Professor/Author
Rocky Mountain College
Billings, Montana

Jean M. Dorton .......................................................................................................................................................................................... Civic Leader
Paintsville, Kentucky

Terry L. Dotson ......................................................................................................................................................................................... President & CEO
Worldwide Equipment, Inc.
Prestonsburg, Kentucky

John D. Elliott .......................................................................................................................................................................................... Manager
W.E. Elliott Jr. Oil & Gas
Pikeville, Kentucky

H.E. (Mike) Gardner Jr. ............................................................................................................................................................................. President (Retired)
Equitable Resources Energy Co.
Pittsburgh, Pennsylvania

Gregory V. Hazelett, D.O. ........................................................................................................................................................................... Physician
Pikeville, Kentucky

Bob M. Hutchison ................................................................................................................................................................................... President
McDonald’s Restaurants
Staffordsville, Kentucky

Ryan C. Johns ......................................................................................................................................................................................... President/Wealth Advisor
Cornerstone Investment Group
Pikeville, Kentucky

Jody Johnson, D.O. .................................................................................................................................................................................... Physician
Highlands Regional Medical Center
Prestonsburg, Kentucky

Robert Scott Madden ............................................................................................................................................................................. Attorney
Morgan, Madden, Brashear & Collins, PLLC
Manchester, Kentucky

William P. Malone ................................................................................................................................................................................ Director
Deming, Malone, Livesay & Ostroff
Louisville, Kentucky

Timothy B. Matthews ................................................................................................................................................................................. President & CEO
Jewelry Television
Knoxville, Tennessee

Roy Palk ................................................................................................................................................................................................. President & CEO
New Horizons Consulting
Lexington, Kentucky
Reed D. Potter Jr. ................................................................. V.P./Financial Advisor
Merrill Lynch
Lexington, Kentucky

William N. Ramsey Jr. ........................................................ Vice President
Wedding Management Co.
Pikeville, Kentucky

Robert B. Sparks ............................................................... Dentist (Retired)
Carlisle, Kentucky

Daniel P. Stratton .............................................................. Attorney
Stratton, Hogg & Maddox, PSC
Pikeville, Kentucky

Richard A. Sturgill ............................................................ President
Pine Mountain Hardwood Lumber
Lexington, Kentucky

George Thomas, D.O. ...................................................... Physician
Cleveland Clinic Family Medicine
Garfield Heights, Ohio

Michael Thornbury ......................................................... Circuit Judge
West Virginia Supreme Court
Williamson, West Virginia

John Triplett, D.O. ............................................................. Physician
Pikeville, Kentucky

Chris Turner ...................................................................... Pastor
Gilbert Presbyterian Church
Gilbert, West Virginia

Danny VanHoose ............................................................ Director of Marketing
Appalachian Wireless
Ivel, Kentucky

Judy Cochran Walters .................................................... President and Principal Broker
Walters & Associates, Inc.
Pikeville, Kentucky

Bill A. Webb, D.O. .......................................................... Physician
Betsy Layne Medical Clinic
Stanville, Kentucky

Greg Wells ................................................................. Chairman of Board
1st Trust Bank
Hazard, Kentucky

Trustees Emeriti
Vernon G. Berkey
Somerset, Pennsylvania

Burlin Coleman
Pikeville, Kentucky

William M. Sturgill
Lexington, Kentucky
Permission to Study at Other Institutions
Undergraduate ................................................................. 35
Graduate ........................................................................ 35

Grading System
Undergraduate .................................................................... 31
Graduate ........................................................................ 120

Graduate Academic Standing ........................................... 120
Graduate Catalog .............................................................. 112
Graduate Course Requirement ......................................... 119
Graduate Program Tuition Refund Table ............................. 117
Graduate Student Classification ......................................... 119
Graduates of Non-Regionally-Accredited U.S. Colleges and Universities ................................. 114
Graduation with Honors .................................................... 36

H
Health Courses .................................................................... 81
Health Service ..................................................................... 27
History ................................................................................ 81
History Major ....................................................................... 81
History/Political Science Major ......................................... 81
Course Descriptions .......................................................... 81
History of Descripsey .......................................................... 10
Honor Societies ................................................................... 27
Housing Fees ....................................................................... 21
Humanities Courses ............................................................ 83

I
Intercollegiate Athletics ..................................................... 29
Incomplete Grade
Undergraduate .................................................................... 31
Graduate ........................................................................... 120
Interdisciplinary Studies .................................................... 84
Institutional Goals ............................................................... 9
International Students
Undergraduate .................................................................... 17
Graduate ........................................................................... 114

M
Maintaining Financial Aid and/or Scholarships .................. 25
Masters of Business Administration
Admission Requirements ...................................................... 123
Curricular Requirements ................................................... 123
Grade Point Average Requirement ................................. 123
Learning Outcomes ........................................................... 124
Transfer Credit Policy ......................................................... 124
Repeat Credit Policy ........................................................... 124
Course Descriptions .......................................................... 124
Program Calendar .............................................................. 125
Mathematics ....................................................................... 84
Mathematics Major ............................................................ 84
Mathematics Minor ............................................................ 84
Course Descriptions .......................................................... 85
Mid-Term Reports ............................................................... 32
Military Science and Leadership ......................................... 86
MLS Minor ......................................................................... 87
Course Descriptions .......................................................... 87
Music ................................................................................... 89
Music Minor ........................................................................ 89
Course Descriptions .......................................................... 90

N
Nursing .............................................................................. 92
Course Descriptions .......................................................... 95

O
Official Registration
Undergraduate .................................................................... 22
Graduate ........................................................................... 116

P
Permission to Study at Other Institutions
Undergraduate ................................................................... 35
Graduate ........................................................................... 121

Philosophy Courses .......................................................... 97
Physical Education Courses ................................................. 97
Physics Courses ................................................................. 98
Political Science ................................................................. 98
History/Political Science Major ........................................ 98
Course Descriptions .......................................................... 99
Pre-Professional Programs ................................................. 41
President Emeritus ............................................................. 131
President’s Message .......................................................... 8

Procedures For Administrative Withdrawal .......................... 25
Proficiency Examinations ................................................... 35
Psychology .......................................................................... 99
Psychology Major .............................................................. 99
Psychology Minor .............................................................. 100
Course Descriptions .......................................................... 100

R
Reading ............................................................................ 101
Readmission
Undergraduate .................................................................... 18
Graduate ........................................................................... 115
Refund Policy
Undergraduate .................................................................... 23
Graduate ........................................................................... 116
Regional Commitment ....................................................... 9
Registration ......................................................................... 30
Religion .............................................................................. 101
Religion Major ..................................................................... 101
Religion Minor ..................................................................... 102
Course Descriptions .......................................................... 102
Religious Life ...................................................................... 29
Repeating a Course
Undergraduate .................................................................... 32
Graduate ........................................................................... 120
Return of Title IV Funds Policy
Undergraduate .................................................................... 23
Graduate ........................................................................... 117
Room and Board ............................................................... 22

S
Scholarships and Financial Aid .......................................... 24
Semester Grades
Undergraduate .................................................................... 31
Graduate ........................................................................... 120
Senior Citizens ................................................................. 18
Social Work ......................................................................... 104
Social Work Major ............................................................ 104
Social Work Minor ............................................................ 105
Course Descriptions .......................................................... 105
Sociology ............................................................................ 107
Sociology Major ................................................................. 107
Sociology Minor ................................................................. 107
Course Descriptions .......................................................... 108
Spanish .............................................................................. 109
Spanish Minor ................................................................. 109
Course Descriptions .......................................................... 109
Special Admissions ............................................................ 114
Statement of Mission ......................................................... 9
Student Services
Undergraduate .................................................................... 26
Graduate ........................................................................... 118
Student Course Load
Undergraduate .................................................................... 30
Graduate ........................................................................... 119
Student Government Association .................................. 29
Student Housing ............................................................... 26
Student Responsibilities .................................................. 26, 119
Academic .......................................................................... 36, 118
Graduation ................................................................. 41, 121
Student Success Coordinator ......................................... 36
Students with Disabilities
Undergraduate .................................................................... 26
Graduate ........................................................................... 121
Study Abroad ................................................................. 28

T
Transcript of Record
Undergraduate .................................................................... 35
Graduate ........................................................................... 121
Transfer Applicants
Undergraduate .................................................................... 17
Graduate ........................................................................... 114
Transfer Credit ................................................................. 17
Transfer Credit Refund Table ........................................... 136
Tuition
Full-time Students ............................................................ 16
Part-time Students .......................................................... 16
Summer Sessions ............................................................. 16
Graduate ........................................................................... 116

U
Undergraduate Catalog .................................................... 11
Veterans Affairs Education Benefits ................................................................. 25

Washington Center for Internships................................................................. 28
Withdrawal from a Course
Undergraduate ............................................................................................... 30
Graduate ........................................................................................................ 120
Withdrawal from the University
  Undergraduate ............................................................................................ 30
  Graduate .................................................................................................... 120
Withdrawal Policy
  Undergraduate ............................................................................................ 23
  Graduate .................................................................................................... 116
Work Experience Credit .................................................................................. 35
Writing Center ................................................................................................. 37