PROGRAMS OF STUDY

Majors
Art and Design with Concentrations in Graphic Design, Studio Art, and Art Education
Athletic Training
Biology with Concentrations in Medical Pre-Professional, Medical Technology, Organismal, Pre-Pharmacy, and Pre-Physical Therapy
Business Administration with Concentrations in General Management, Management Accounting, Economics, and Information Technology
English with Concentrations in Literature, Creative Writing, and Journalism and Professional Writing
Environmental Science
Field Guide/Naturalist
History
Mass Media with Concentrations in Video, Radio, Sports Broadcasting, and Broadcast News
Mathematics
Mathematics with Computer Science Concentration
Museum Studies
Political Science
Psychology
Sport Management
Sports Science
Tusculum College offers four categories of teacher licensure programs:
1. Pre-Secondary Education
   Early Childhood Education PreK-3
   Elementary Education K-6
2. Secondary Education
   Biology 7-12
   Business 7-12
   English 7-12
   Government 7-12
   History 7-12
   Mathematics 7-12
   Psychology 9-12
3. K-12 Education
   Health and Wellness K-12
   Physical Education K-12
   Visual Arts K-12
4. Special Education
   Special Education Modified and Comprehensive K-12
   Special Education Early Childhood

Minors

Other Disciplines
Tusculum College also offers additional courses in the following disciplines:
Geology, Geography, Music, Physics, Sociology, Spanish, and Theatre.

Most courses offered at Tusculum College carry four semester hours. Courses with a different number of hours will be so noted in the following listings.
**ART AND DESIGN**

The Art and Design Program is designed to prepare students for various careers in art; the commercial arts field as graphic designers and commercial artists, the fine arts field as working artists, or the educational field as art teachers. There are three areas of concentrated study within the Art and Design Program. They are Graphic Design, Studio Art, and Art Education. In their second year at Tusculum, all art majors select one specific area from the three areas of concentrated study within the Art and Design Program. This three-leg structure is designed so that students receive more concentrated training in their specific area of interest within the broad field of art. During their four years at Tusculum College, students in the Art and Design Program build a strong base of knowledge necessary for graduate school.

In addition to the three major areas of concentrated study, the Art and Design Program offers an Art Minor to students interested but not majoring in art. The Art Minor is designed to compliment and enhance a Tusculum student’s education within his or her chosen major field of study. Currently the Museum Studies Program is requiring Arts courses as part of the minor they offer.

Students who choose the concentrated Graphics Design area of study are introduced to commercial typographic, graphic design, and layout considerations, as well as commercial illustration. The use of computers to produce various publications and to produce layout work and digital artwork is covered. Special consideration is given to the development of skills and ideas relating to the commercial applications of art. Internship opportunities with regional advertising, graphic design, and commercial art businesses are possible as part of our upper level course offerings to our Graphic Design concentration majors.

Students who choose the concentrated Studio Art area of study are grounded in foundation level courses. These courses teach the language and paradigm of the art world. Students are exposed to the flow of ideas and to the history of art studied through the artists and artwork our world’s cultures have produced. They progress through the beginning, intermediate, and advanced levels of studio courses we offer and that appeal to them. Our studio course structure is designed to first expose students to the fundamentals of working with a particular medium such as oil paint. Then in upper level courses, students push forward their command of art and increase their ability to use a medium by learning more advanced techniques and developing higher levels of skill, control, and personal investment.

Students desiring K-12 licensure for teaching art in a public or private school system can complete the course requirements specified under the “Art Education Concentrated Area of Study” heading. The Art and Design Department works closely with our Tusculum College Education School to ensure that teaching licensure requirements are met with this Arts and Design Program concentration area.

As a degree requirement, all Art and Design majors regardless of their concentrated area of study, must prepare and install an exhibition of their work during the last semester of their studies before graduating from Tusculum College.

Art majors have an opportunity to volunteer working in an Arts and Design Department sponsored activity off campus at the Greene Valley Development Center, an educational center meeting the needs of developmentally disabled adults. Greene Valley and Tusculum College work collaboratively on therapeutic art activities involving students from both facilities. It is one of the ways the Art and Design Program involves art majors in the civic arts mission of this College.

Facilities for the Art and Design program are housed within the Shulman Center and the Art Annex on the Tusculum campus. Lecture-based courses, computer-based courses, and foundation courses are typically taught in the Shulman Center. Most studio courses are taught across the campus in the Art Annex.

The Art Annex is the home of the Allison Fine Arts Gallery. This is an on-campus art gallery with an educational mission to expose all College students to contemporary fine art. This mission specifically applies to our Tusculum art majors who can choose to become involved in some of the curatorial responsibilities associated with any fine arts gallery. There are approximately eight art exhibitions organized and presented to the public during each academic school year.

The core curriculum for both concentrations within the Art and Design program of study is as follows:

**Courses for the Graphic Design Concentrated Area of Study**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
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</thead>
<tbody>
<tr>
<td>VISA 111</td>
<td>Basic Design</td>
</tr>
<tr>
<td>VISA 203</td>
<td>Basic Drawing</td>
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<tr>
<td>VISA 204</td>
<td>Ancient through Renaissance Art</td>
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<tr>
<td>VISA 208</td>
<td>Baroque through Modern Art</td>
</tr>
<tr>
<td>VISA 354</td>
<td>Service-Learning in the Arts</td>
</tr>
<tr>
<td>VISA 400</td>
<td>Portfolio and Exhibition</td>
</tr>
</tbody>
</table>

Subtotal: 24 hours

Choose two electives from the following list:

- MASS 215 Basic Photography
- VISA 110 Introduction to Art
- VISA 212 Painting I
- VISA 213 Sculpture I
- VISA 215 Ceramics I
- VISA 216 Printmaking I
- VISA 240 Two-Dimensional Art
- VISA 340 Three-Dimensional Art

Choose one elective from the following:

- VISA 312 Painting II
- VISA 313 Sculpture II
- VISA 316 Printmaking II
- VISA 333 Intermediate Drawing
- VISA 351 Graphic Design Seminar
- VISA 340 Art History Research

Subtotal: 32 hours

TOTAL: 56 semester hours

**Courses for the Studio Art Concentrated Area of Study**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>VISA 212</td>
<td>Painting I</td>
</tr>
<tr>
<td>VISA 213</td>
<td>Sculpture I</td>
</tr>
<tr>
<td>VISA 333</td>
<td>Intermediate Drawing</td>
</tr>
<tr>
<td>VISA 430</td>
<td>Art History Research</td>
</tr>
</tbody>
</table>

Choose two electives from the following:
**MASS 215 Basic Photography**  
**VISA 110 Introduction to Art**  
**VISA 215 Ceramics I**  
**VISA 216 Printmaking I**  
**VISA 240 Two-Dimensional Art**  
**VISA 292 Art Therapy**  
**VISA 340 Three-Dimensional Art**  

*Choose two electives from the following list:*  
**VISA 240 Two-Dimensional Art (if not used above)**  
**VISA 312 Painting II**  
**VISA 313 Sculpture II**  
**VISA 315 Ceramics II**  
**VISA 316 Printmaking II**  
**VISA 340 Three-Dimensional Art (if not used above)**  
**VISA 351 Graphic Design Seminar**  

*Choose one elective from the following:*  
**VISA 412 Painting III**  
**VISA 413 Sculpture III**  
**VISA 415 Ceramics III**  
**VISA 416 Printmaking III**

Subtotal: 36 hours  
TOTAL: 60 semester hours

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**Course Outline for the Art Education Concentrated Area of Study**

The following program leads to licensure for teaching the Visual Arts in grades K-12 and is composed of 157 semester hours as follows:

**Visual Arts Education Major Curriculum (52 hours)**

- **VISA 111 Basic Design**
- **VISA 203 Basic Drawing**
- **VISA 204 Ancient through Renaissance Art**
- **VISA 208 Baroque through Modern Art**
- **VISA 212 Painting I**
- **VISA 213 Sculpture I**
- **VISA 215 Ceramics I**
- **VISA 216 Printmaking I**
- **VISA 237 Web Design**
- **VISA 327 Art Development in Elementary Grades**
- **VISA 328 Art Development in Middle and Secondary Grades**
- **VISA 400 Portfolio and Exhibition**

*Choose one from the following list:*  
**VISA 312 Painting II**  
**VISA 313 Sculpture II**  
**VISA 315 Ceramics II**  
**Choose one from the following:**  
**VISA 216 Printmaking I**

**Professional Education Curriculum (40 hours)**

- **EDUC 200 History and Philosophy of Education**
- **EDUC 320 Classroom Discipline and Management**
- **HGLN 337 Assessment and Evaluation**
- **HGLN 341 Learning Environments K-8 or**
- **EDUC 342 Learning Environments 7-12**
- **EDUC 419 Content Area Reading**
- **EDUC 452 Student Teaching Seminar**
- **EDUC 457 Enhanced Student Teaching K-12**
- **SPED 101 Survey of the Regular and Special Population Within the School Environment**

**General Education Curriculum (65 hours)**

- **CISC 100 Computer as a Tool**
- **CISC 216 Computer as a Classroom Support System**
- **ENGL 100 Introduction to College Writing**
- **ENGL 110 Composition and Rhetoric**
- **ENGL 111 Composition, Research, and Rhetoric**
- **EVSC 111 Environmental Science**
- **GEOG 200 Introduction to Geography**
- **HIST 101/2 The West and WWI or II**
- **HIST 201/2 U.S. History I (or II)**
- **MATH 101 Basic Mathematics**
- **MATH 102 College Algebra**
- **OREN 105 Tusculum Experience**
- **PHED 201 Foundations of Personal Fitness and Wellness**
- **POLS 380 The Political Traditions of the West**
- **PSYC 101 Essentials of Psychology**
- **PSYC 200 Developmental Psychology**
- **PSYC 305 Educational Psychology**
- **RELG 330 The Hebrew and Christian Traditions**
- **SOCI 101 Principles and Social Institutions**
- **VISA 110 Introduction to Art**

*Test opportunity is available.  
**Not required if ACT/SAT scores merit exemption.*

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**Visual Arts Minor**

- **VISA 110 Introduction to Art**
- **VISA 203 Basic Drawing**
- **VISA 208 Baroque through Modern Art**
- **VISA 212 Painting I**

*Choose one from the following:*  
**VISA 213 Sculpture I**  
**VISA 215 Ceramics I**  

**TOTAL:** 24 semester hours

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**Course Descriptions**

**VISA 110. INTRODUCTION TO ART.**
This course presents the vocabulary, terminology, history, and paradigm of the art world. Material covered includes principles and concepts used in the visual arts, visual communication and visual language, an examination of forms of expression through various media, and a survey view of art history. Competency: Analytical Reading. Offered every year.

**VISA 111. BASIC DESIGN.**
This is an entry-level art foundation course. Students will focus on the basic principles of two- and three-dimensional design, color theory, and using the computer as a creative tool. The manipulation of line, shape, color and balance to both express design principles and discover creative solutions to visual problems will be explored. Various media will be used. Offered every year.

**VISA 203. BASIC DRAWING.**
This course is designed for students who have had little or no previous drawing experience. Students will draw traditional subjects such as still life compositions, landscapes, and the human figure. Exercises and assignments will emphasize how to
“see” rather than how to make. As a studio class, this course may require additional meeting times. Competency: Critical Thinking. Offered every year.

VISA 204. ANCIENT THROUGH RENAISSANCE ART.
This course is a survey of Western Art from prehistoric time through the 16th Century. It presents a chronology of art and cultural history as well some of the people and forces that shaped societies during this span of time. Competency: Analytical Reading. Offered every other year.

VISA 208. BAROQUE THROUGH MODERN ART.
This course is a survey of Western Art from the 16th Century to the present. The artists, artwork, art movements that happened during this span of time are covered. Competency: Analytical Reading. Offered every other year.

VISA 212. PAINTING I.
This course is designed for students with minimal painting experience. A variety of techniques and different working styles in oil paint will be covered. Traditional subjects including the human form will be explored. A studio fee will be charged. As a studio class, this course may require additional meeting times. Prerequisites: none, but VISA 111 and VISA 121 will be very helpful. Competency: Critical Thinking. Offered every other year.

VISA 213. SCULPTURE I.
This course is designed for students with no previous sculpture experience. It is an introduction to basic sculptural methods. Methods covered are additive, subtractive, manipulative, and substitutive material handling. A studio fee will be charged. As a studio class, this course may require additional meeting times. Competency: Critical Thinking. Offered every other year.

VISA 215. CERAMICS I.
This course is designed for students with little previous studio experience. Hand-built and wheel throwing techniques, glazing, and firing techniques are covered. A studio fee will be charged. As a studio class, this course may require additional meeting times. Competency: Critical Thinking. Offered every other year.

VISA 216. PRINTMAKING I.
This is the companion course to VISA 316. Two of four traditional printmaking methods will be taught, screen printing and lithography. The VISA 316 course will cover two additional printmaking methods. A studio fee will be charged. As a studio class, this course may require additional meeting times. Prerequisites: none, but VISA 111 and VISA 121 are recommended. Competency: Critical Thinking. Offered every other year.

VISA 217. GRAPHIC DESIGN I.
This is a beginning graphics course. Students produce work primarily by manipulating typographic elements that impact the design of 2-D space. Font families and styles are examined. Prerequisites: none, but VISA 111 and VISA 121 will be very helpful. Competency: Critical Thinking. Offered every year.

VISA 237. WEB DESIGN.
This is an intermediate level design course with focus on interactive Web page creation. Students will learn how to both design and build Web sites through computer applications. The course will the Web as a medium of both communication and promotion. This class will be offered once a year. Competency: Critical Thinking.

VISA 240. TOPICS IN TWO-DIMENSIONAL ART.
Topics will vary from year to year with the instructor. Course could include but are not limited to Mixed Media, Old Master Painting, or Serigraphy. Course may be repeated as long as topics are different. Competency: Critical Thinking. Prerequisite: VISA 203.

VISA 292. THERAPEUTIC ART ACTIVITIES.
Students help develop and participate in art-based activities aimed at increasing developmentally disabled adults’ verbal and social skills, eye/hand coordination, and manual dexterity. Activities are designed to foster interactive and collaborative solutions between students and the developmentally disabled. This course spans a full semester. Competencies: Ethics of Social Responsibility. Offered on demand.

VISA 311/MASS 311. PHOTOJOURNALISM.
An intermediate-level photography course with an emphasis on photography as a medium of communication through content and technique. Students will be charged a $35.00 lab fee to defray costs of materials. Competency: Public Speaking. Prerequisite: MASS 215 or permission of instructor. Offered every other year.

VISA 312. PAINTING II.
This course presents more advanced oil painting techniques. It allows students more freedom to explore their personal artistic esthetic while continuing to exercise the fundamentals of oil painting. A studio fee will be charged. As a studio class, this course may require additional meeting times. Prerequisite: VISA 212. Competency: Critical Analysis. Offered every other year.

VISA 313. SCULPTURE II.
This course encourages students to explore more in-depth 3-D design possibilities using various sculptural materials. Students are encouraged to explore a more complex interpretation of material and subject. A studio fee will be charged. As a studio class, this course may require additional meeting times. Prerequisite: VISA 213. Competency: Critical Analysis. Offered every other year.

VISA 315. CERAMICS II.
Students are given the opportunity to further develop their pottery skills, building on what was presented in VISA 215. Advanced glazing techniques and alternative firing methods are presented. A studio fee will be charged. As a studio class, this course may require additional meeting times. Prerequisite: VISA 215. Competency: Critical Analysis. Offered every other year.

VISA 316. PRINTMAKING II.
This is the companion course to VISA 216. Etching and relief block printing will be taught. A studio fee will be charged. As a studio class, this course may require additional meeting times. Prerequisites: none, but VISA 111 and VISA 121 are recommended. Competency: Critical Thinking. Offered every other year.
VISA 317. GRAPHIC DESIGN II.
This is a design course covering graphic design, typography, and layout considerations using computers and software to find solutions. Projects stress a practical, creative process involving brochure and pamphlet design, poster and cover design, and other commercial related activities. A fee will be charged to cover the cost of printer ink. Prerequisite: VISA 217. Competency: Critical Analysis. Offered every other year.

VISA 319. PUBLICATION DESIGN.
This course focuses on developing solutions to design and layout problems associated with the production of newspaper and magazine pages. Computer illustration is presented as well. A fee will be charged to cover the cost of printer ink. Prerequisites: VISA 111 and VISA 214, or permission of the instructor. Competency: Critical Thinking. Offered every other year.

VISA 327. ART DEVELOPMENT IN ELEMENTARY GRADES.
This course is an introduction to various themes, media, techniques, curricula, and development of sequential lesson planning in the arts. Prerequisites: EDUC 200, VISA 111, or permission of the instructor. Competency: Writing. Offered on demand.

VISA 328. ART DEVELOPMENT IN MIDDLE AND SECONDARY GRADES.
This course covers curriculum development in the arts and the use of media and techniques appropriate for middle and secondary grades. Prerequisites: EDUC 200, VISA 111, or permission of the instructor. Competency: Writing. Offered on demand.

VISA 330. THE ARTS AND CHILDHOOD LEARNING.
An integrated study of the way in which the arts (dance, music, theatre, and visual art) affect the learning and development process in pre-school aged children. Practicum experience is included. Competency: Civility. Prerequisites: SPED 101 and PSYC 200. Offered every year.

VISA 333. INTERMEDIATE DRAWING.
This course is a continuation of the disciplined approach in VISA 203. Black and white media is emphasized. More complex pictorial and spatial problems are explored with more freedom for conceptual work and personal expression. Prerequisites: VISA 111 and VISA 203. Competency: Critical Analysis. Offered every year.

VISA 340. TOPICS IN THREE-DIMENSIONAL ART.
Topics will range from basic construction techniques with wood, glass, and visual promotions to advance conceptual ideas relevant to modern sculpture. This course is designed for students who have taken all courses in sculpture and wish to continue their work. Assignments will be independent studio projects designed by the student and approved by the instructor. May be repeated for credit. Competency: Critical Analysis. Prerequisite: VISA 213.

VISA 351. GRAPHIC DESIGN SEMINAR.
Topics will range from Web design, digital photography, and visual promotions to advance conceptual ideas to current design trends. This course is designed for students who have taken all courses in graphic design and wish to continue their work. Assignments will be independent studio projects designed by students and approved by the instructor. May be repeated for credit. Competency: Critical Analysis. Prerequisite: VISA 111.

VISA 354. SERVICE-LEARNING IN THE ARTS.
This class provides a forum for students from any discipline to examine the role of the arts in social change. Students will participate in a public art project. Students will look at historical and contemporary examples of communication and activism. They will also learn about the methods and materials for achieving a particular objective. Classroom time will be spent in the following way: readings, lectures, discussion, slide presentations, community service, and studio work. The Studio component will allow practical application of the ideas discussed in class. Mediums to be employed include murals, performance, printmaking, video, installation, and sculpture. Competency: Public Speaking. Prerequisite: SOCI 251.

VISA 400. PORTFOLIO AND EXHIBITION.
This course is designed to teach students how to organize and present their professional credentials for art-related employment. Students must also organize and present an exhibition of their artwork in a public forum. This course spans a full semester. Prerequisites: must be a senior standing art-major during the last semester of class-work. Offered on demand.

VISA 412. PAINTING III.
This course is offered for those students who are interested in using painting as their primary expressive medium. Personal vision and artistic esthetics are stressed. It is expected advanced students will supply their own materials. No studio fee will be charged. As a studio class, this course may require additional meeting times. Prerequisite: VISA 312. Competency: Critical Thinking. Offered every other year.

VISA 413. SCULPTURE III.
This is an advanced 3-D course that expects sculpture students to find a more complex interpretation of space, material, and subject. Personal expression is stressed. A sculpture materials fee will be charged. As a studio class, this course may require additional meeting times. Prerequisite: VISA 313. Competency: Critical Thinking. Offered every other year.

VISA 415. CERAMICS III.
Students will continue developing their skills as a potter. More complex work is expected. A strong focus will be on a student’s personal direction and creative expression using clay. A studio fee will be charged. As a studio class, this course may require additional meeting times. Prerequisite: VISA 315. Competency: Critical Thinking. Offered every other year.

VISA 416. PRINTMAKING III.
This course allows a student to choose any one of the four traditional printmaking techniques and explores more advanced techniques using that medium. Digital print technology will be explored and used to create mixed-method fine art prints. A studio fee will be charged. As a studio class, this course may require additional meeting times. Prerequisites: VISA 216 and VISA 316. Competency: Critical Thinking. Offered every other year.
VISA 417. GRAPHIC DESIGN III.
This is an advanced computer-based graphics course emphasizing real-world assignments. Class structure will more closely resemble on-the-job working situations in advertising or commercial graphics companies. A fee to cover the cost of printer ink will be charged. Prerequisites: VISA 317. Competency: Critical Thinking. Offered every year.

VISA 430. ART HISTORY RESEARCH.
This course gives upper level students an opportunity to continue their study of art history as well as other art-related subjects. Students meet with the instructor to define a topic, then to have their research monitored. At the conclusion of the course students must submit a research paper covering the topic outlined. Prerequisites: the successful completion of two 300 level VISA courses, approval from the Department Chair and the instructor. Offered on demand.

VISA 440. SPECIAL STUDIO PROBLEMS.
This course is designed for art students who have taken all courses offered in a particular medium and want to continue with their work and exploration. Assignments will be independent studio projects designed by the student and approved by the instructor. May be repeated for credit. Prerequisites: Permission of Department Chair and the instructor. Offered on demand.

VISA 451. GRAPHIC DESIGN INTERNSHIP.
An off-campus working experience in a graphics or commercial art business specifically designed for graphics majors. A journal and paper is required of all student participants. Prerequisite: Senior standing with permission from Department Chair and the instructor. Competency: Self-Knowledge. Offered on demand.

ATHLETIC TRAINING
EDUCATION PROGRAM

The Athletic Training Education Program, (ATEP) at Tusculum College is accredited by the Commission on Accreditation of Athletic Training Education (CAATE). The ATEP provides the educational and clinical foundation to prepare students to successfully challenge the Board of Certification (BOC) examination and serve as active leaders in the athletic training profession.

The ATEP provides the student with the cognitive, psychomotor, and affective skills necessary to work with all aspects of athletic injury, illness, and performance. Students seeking employment as a high school athletic trainer are strongly encouraged to pursue teacher certification. This requires students to fulfill major requirements for both Athletic Training and Education.

The ATEP is designed for those students who want to meet the course work and clinical requirements established by the National Athletic Trainer’s Association Education Council, BOC, and CAATE. In addition to course work, students must complete six semester-length clinical rotations working under the supervision of an BOC certified and state licensed athletic trainer, who is an Approved Clinical Instructor (ACI). Students complete clinical observation during the freshman year and upon formal admission into the ATEP, are assigned to an ACI at the beginning of their sophomore year.

Student athletes enrolled in ATEP need to be aware of the clinical requirement of this program and plan accordingly. Hour requirements and clinical course sequencing necessary for successful completion of the ATEP major while participating as an intercollegiate athlete may necessitate the student needing more than the traditional eight semesters to complete an undergraduate degree.

Students wishing to pursue graduate studies in Athletic Training should maintain a 3.0 G.P.A. or better through graduation. Students identifying athletic training as their major will be assigned to an ATEP faculty member for academic advising.

Admission Requirements

The number of applicants accepted and enrolled in the Athletic Training Education Program is limited by the faculty/student ratio established by CAATE. Admission into ATEP is governed by the following criteria:

1. Maintain a minimum 2.50 G.P.A. overall.
2. Maintain a minimum 2.70 G.P.A. in ATEP courses.
3. Letter of Application.
5. An essay describing the student’s interest in becoming a BOC athletic trainer.
6. Completion of a minimum of 100 hours of clinical observation with a minimum of 25 hours in four separate Block rotations with a Tusculum College ACI/CI. The hours will include each of the following areas: lower extremity experience; upper extremity experience; equipment intensive experience; game/event coverage, and rehabilitation/morning treatment sessions. The prospective student must meet with the Clinical Coordinator for assignment to these rotations.
7. Two character letters of recommendation from former in-
8. A formal interview with the ATEP Admissions committee.
9. Validation of a candidate’s compliance with the Guidelines of Technical Standards for Athletic Training completed by a MD, DO, PA or NP through the completion of a physical examination.
   - The exam may be administered by a Team Physician at no cost to students. The exam must be scheduled through the Athletic Training Staff.
   - The student may choose to have the physical exam administered by his/her private physician, NP, or PA. If choosing this option, the student must utilize TC-ATEP forms that can be attained from the Coordinator of Clinical Education.
10. Completion of the annual comprehensive written/oral/practical examination.
11. Completion of the following pre-requisite classes with grade of 2.70 (B-) or better:
   - ATEP 116 Responding to Emergencies/CPR:PR
   - ATEP 262 Basic Athletic Training
   - PHED 201 Foundations of Physical Fitness and Wellness
12. Proof of Hepatitis B vaccination or a signed declination form.
13. Signature on Confidentiality of Medical Information Disclosure Form.

ATEP’s Admissions Committee meets each year to review formal applications of student candidates during Block 8 and prior to the start of Block 1. Currently enrolled observation students and Spring semester transfer students who have completed all prerequisites for ATEP admission are reviewed in April. The specific date for this review is posted in the ATEP student office by the Program Director one (1) month prior to the meeting date/time. Summer transfer students who meet all admission requirements and/or any currently enrolled observation students who were not eligible for the Block 8 meeting, may apply for formal ATEP admission in August. The ATEP Admissions Committee meets to rule on these candidates on the Sunday before the Fall semester officially begins. The specific date for this review is posted in the ATEP student office by the Program Director one (1) month prior to the meeting date/time.

All applicants must achieve the minimum acceptance score of 70 points on the Tusculum College ATEP Prospective Athletic Training Student Admission Assessment form (at top right) in order to be considered for acceptance. All Tusculum College ATEP candidates will be ranked according to the assessment form score. Available slots within the ATEP major will be filled according to this prioritized listing of candidates starting with the top candidate’s score downward. Prospective athletic training students who fail to score 70 points on initial assessment may re-submit their application during the next application period.

Students who are formally accepted into Tusculum College’s ATEP will be notified by mail. Formally accepted students may enroll in clinical and professional coursework and begin official ACI assignments with clinical supervisors.

Students must earn a grade of “C-” or better in all major courses and maintain a 2.5 G.P.A. overall. Failure to maintain the minimum G.P.A. and program requirements will subject a student to immediate suspension from clinical rotation by the Program Director. If the student does not achieve a 2.5 or higher G.P.A. after one semester of suspension, he/she will be dismissed from the ATEP. Students have the right to appeal their academic status to the College’s Admissions and Standards Committee.

ATEP students must pass all clinical evaluations with a grade of 70% or greater and have been evaluated as competent on all competencies in order to advance to the next clinical course regardless of final grade in the class. Failure to meet these requirements will result in the suspension of the student from further ATEP clinical coursework until the student has retaken and successfully passed this class. A student who has not successfully completed all competencies will be issued a grade of “I”- Incomplete. This grade must be converted to a grade of “C-” or better prior to the beginning of the next semester. Failure to do so will result in the grade of “I” converting to a grade of “F” for the clinical course. Because clinical course work must be successfully completed in sequence, a failing grade in a clinical course will result in the student being delayed in graduating from Tusculum College for a minimum of one additional year.

Transfer Students

Transfer students will be allowed to formally apply to ATEP during either Block 8 or just prior to the beginning of Block 1 upon entering Tusculum College. It is the student’s responsibility to contact the ATEP Program Director and obtain the necessary forms or documents to complete the application process. Each student will be expected to complete the same requirements as the prospective ATEP student at Tusculum College. When the student is formally accepted into the ATEP, the transfer student will be immediately allowed to enroll in clinical and profession-
al courses and begin supervised clinical rotations. Any clinical work completed by the transfer student before acceptance into Tusculum College’s ATEP will not be accepted towards course substitution in regards to clinical rotations.

Technical Standards for the ATEP

The ATEP at Tusculum College is a rigorous and intense program that places specific requirements and demands on the students enrolled in the program. An objective of this program is to prepare graduates to enter a variety of employment settings and to render care to a wide spectrum of individuals engaged in physical activity. The technical standards set forward by the ATEP establish the essential qualities considered necessary for students admitted to this program to achieve the knowledge, skills, and competencies of an entry-level athletic trainer, as well as meet the expectations of the program’s accrediting agency, CAATE. The following abilities and expectations must be met and maintained by all students admitted to the ATEP. In the event a student is unable to fulfill these technical standards, with or without reasonable accommodation, the student will not be admitted into or remain in the program. Compliance with program’s technical standards does not guarantee a student’s eligibility for BOC certification exam.

Candidates for selection to the ATEP must demonstrate:

The mental capacity to assimilate, analyze, synthesize, integrate concepts and problem solve to formulate assessment and therapeutic judgement and to be able to distinguish deviations from the norm.

Sufficient postural and neuromuscular control, sensory function and coordination to perform appropriate physical examinations using accepted techniques; and accurately, safely, and efficiently use equipment and materials during the assessment and treatment of patients. The ability to communicate effectively and sensitively with patients and colleagues, including individuals from different cultural and social backgrounds; this includes, but is not limited to, the ability to establish rapport with patients and communicate judgments and treatment information effectively. Students must be able to understand and speak the English language at a level consistent with competent professional practice.

The ability to record physical examination results and a treatment plan clearly and accurately.

The capacity to maintain composure and continue to function well during periods of high stress.

The perseverance, diligence and commitment to complete the ATEP as outlined and sequenced.

Flexibility and the ability to adjust to changing situations and uncertainty in clinical situations.

Affective skills and appropriate demeanor and rapport that relate to professional education and quality patient care.

Candidates for selection to the ATEP will be required to verify that they understand and meet these technical standards or that they believe that, with certain accommodations, they can meet the standards.

Policy on ATEP Majors’ Participation in Intercollegiate Athletics

Many prospective students who are interested in attending Tusculum College are athletes. While many Athletic Training Education Programs do not permit students to also compete in intercollegiate athletics, Tusculum College acknowledges that participation in athletics requires the same commitment and passion required in the profession of Athletic Training. Tusculum College Athletic Training Education faculty have carefully crafted an action plan that will accommodate the clinical experience demands of the ATEP major while allowing students to continue their athletic careers. The Athletic Training faculty is committed to helping student-athletes succeed in the program. However, student-athletes must realize that in order to complete the clinical education component of this academic major, they may have to spend an extra semester or year to fulfill all ATEP requirements.

The following guidelines have been established to help prospective Athletic Training student-athletes fulfill the requirements of both the ATEP and their sport:

1. Applicants to the ATEP will be given this policy statement once they express an interest in Athletic Training Education.

2. Acceptance of student-athletes applying to the ATEP will not be denied because of participation in intercollegiate athletics.

3. Students admitted to the ATEP may participate in intercollegiate athletics.

4. Athletic Training Education student-athletes must limit their participation to one intercollegiate athletic team.

5. Athletic Training Education students who participate on an athletic team shall participate during the team’s traditional pre-season and season. Completion of the student-athlete’s Athletic Training Education didactic and clinical course work will take precedence over the athletic team’s non-traditional season activities in regards to scheduled practices or contests that conflict with the student-athlete’s current clinical assignment. This also includes conflicts involving conditioning, weight training, fund raising and any other team or individual activities.

6. Athletic Training students who participate in intercollegiate athletics must fulfill all didactic and clinical education requirements prior to graduation. All students must consult with the Program Director or Athletic Training academic advisor early in their collegiate education, since effective planning is crucial to both their success in ATEP as well as their ability to graduate on time.

7. All Athletic Training students are required by CAATE standards to complete at least one “equipment-intensive” rotation, (e.g. football, men’s lacrosse, or ice hockey), as a part of their clinical education. Athletic Training students who cannot complete this rotation because of their participation in athletics may have to 1.) return for an additional semester in the Fall or 2.) work with an equipment-intensive sport during a high school rotation.

8. Athletic Training student-athletes will be required to perform clinical activities during the sport’s traditional pre-season and season. However, the ATEP Coordinator of Clinical Education will ensure that there is no conflict with team-required activities.

Annual Physical Examination

ATEP students are required to complete an annual physical examination before beginning formal clinical education activities. Physical examinations will be given, at no cost in August, to enrolled ATEP students by Tusculum College team physicians. Observation students applying for program admission in April may schedule a physical exam through a member of the
Annual ATEP Evaluation

Tusculum College’s ATEP is required to participate in an annual institutional educational effectiveness assessment. ATEP administers an annual comprehensive examination to all students formally enrolled in ATEP major’s and observation students.

The ATEP’s annual examination serves as a tool by which the Program staff evaluate the comprehensive knowledge, skills, and competencies of formally enrolled ATEP majors and observation students. In addition, the annual comprehensive examination serves as ATEP’s assessment tool as a part of Tusculum College’s institutional effectiveness plan. Each year, every ATEP major or observation student will complete a comprehensive written and practical examination. The written examination will be designed by members of the ATEP academic faculty.

The exam consists of 150 written questions. The practical examination is designed by clinical instructors and includes clinical skills from completed course work. Students will be notified of test results in a timely manner.

Test scores from the comprehensive evaluation will count 30% toward a student’s clinical course grade for the current semester. Comprehensive test results serve as one criterion of evaluation for observation and transfer candidates seeking formal admission into ATEP. The student scoring the highest initial test score on the annual comprehensive examination will be presented with the annual ATEP Pinnacle Award for academic achievement.

The ATEP comprehensive examination will be given on a Sunday in late March or early April. Every formally-enrolled ATEP major or observation student will be required to take the examination. Each comprehensive examination is written to include only knowledge and skills from completed course work.

Tusculum College’s ATEP also certifies students annually in CPR: Professional Rescuer. All ATEP students must maintain current CPR: Professional Rescuer/AED/Oxygen administration certification throughout their enrollment in Tusculum College’s ATEP.

Fees

Formal acceptance into ATEP allows each student to begin six semesters of on- and off-campus clinical education rotations. As in other allied health care professions, certain fees are required of students enrolled in these pre-professional clinical activities. The following describes the typical fees expected of ATEP students and may periodically be subject to change. Students should check with the ATEP Coordinator of Clinical Education and/or Program Director for the most recent fee scales.

Uniform Fee: Approximately $350.00 to $400.00

The ATEP requires its students to wear a professional uniform when involved in on-campus and some off-campus clinical education activities. The basic uniform package is designed for use during the 3-year clinical education program. For student convenience, the basic uniform package may be ordered through the ATEP and includes the following items:

- Wind-shirt pullover
- Waterproof warm-up jacket with two pairs of warm-up pants
- Two pairs of black shorts
- Each student is responsible for providing his/her own khaki or black shorts/long pants. The cost of these latter items is not included within the cost of the basic uniform package.

Professional Dues: Approximately $80.00, (initially partial year enrollment, August-December) and $90.00 annually thereafter. Visit the NATA’s web site for current membership fees at www.nata.org.

Student membership in NATA, Inc. is required of ATEP students enrolled in clinical education course work. This cost also includes student membership in the Southeast Athletic Trainers Association and the Tennessee Athletic Trainers’ Society. Benefits of NATA membership include the following: reduced fees to state, district, and national conventions and fees for the BOC certification examination, the quarterly journal of Athletic Training, the monthly NATA News, access to annual scholarships, job placement/networking opportunities, etc.

Professional Liability Insurance: Approximately $35.00/year.

Each ATEP student must purchase group professional liability insurance upon entry into clinical education. This policy provides protective $2,000,000/4,000,00 coverage at both on- and off-campus clinical educational settings. Each student will receive a copy of the policy.

Health Vaccinations

Hepatitis B inoculations: Cost will vary depending on insurance or where treatment is received.

As a part of required OSHA education, ATEP students entering clinical education programs are strongly encouraged to complete a three-injection series of Hepatitis B inoculation. The series is completed over a one-year period. Students who provide proof of previously completed inoculations and/or who request and sign a declination form are exempt from this fee. ATEP clinical course work requires each student to have started/completed the inoculation series or to have signed a declination form when beginning clinical rotations and/or observation hours.

All the above fee information including the rules and regulations for Athletic Training Students performing observation hours or formal clinical rotations is found in the TC-ATEP Clinical Education manual. All Athletic Training students receive this manual prior to their observation rotations. The manual is reviewed with each Athletic Training student by the Coordinator of Clinical Education. The Athletic Training student signs a form indicating that he/she has received a copy of this manual and that it has been reviewed.

Course Work

ATEP 116 Responding to Emergencies/CPR:PR (3 semester hours)
ATEP 131-136 Clinical Experience I –VI (1 semester hour each; total 6 hours)
ATEP 262 Basic Athletic Training
ATEP 272 Advanced Athletic Training: Lower Extremity
ATEP 273 Advanced Athletic Training: Upper Extremity
ATEP 285 Therapeutic Modalities
ATEP 286 Therapeutic Rehabilitation
ATEP 333 Nutrition (3 semester hours)
ATEP 335 General Medical Conditions in Athletic Training
ATEP 350 Advanced Athletic Training: Head and Torso
ATEP 417 Management Practices in Athletic Training
ATEP 418 Pharmacology for Athletic Training
ATEP 452 Practicum in Athletic Training (3 semester hours)
MATH 215 Elementary Statistics
PHED 201 Foundations of Physical Fitness and Wellness
PHED 251 Human Anatomy
PHED 252 Human Physiology
PHED 380 Kinesiology
PHED 390 Physiology of Exercise
PSYC 101 Essentials of Psychology
PSYC 310: Introduction to Research Methodology and Experimentation
TOTAL: 83 semester hours

**Course Descriptions**

ATEP 116. RESPONDING TO EMERGENCIES/CPR:PR. (3 semester hours)
This course provides instruction in the practical knowledge and clinical skills used when initiating emergency first aid care to injured/ill persons. Successful completion of the course will lead to American Red Cross certification in First Aid and CPR: Professional Rescuer. The latter certification addresses student competency in the use of a bag-valve mask, AED application/operation, and Oxygen administration/airway suctioning. Prerequisite: None. Competency: Self-knowledge.

ATEP 131. CLINICAL EXPERIENCE I. 1 semester hour.
This lab course is designed to assist Sophomore level athletic training students in the application of academic/didactic knowledge and skills within the clinical setting. A student may be placed to receive an “equipment intensive” clinical experience or one emphasizing “lower extremity injury.” Areas of emphasis include the following: OSHA requirements, environmental injuries, emergency care planning, organization of the NATA, assessing vital signs, surface anatomy and palpation, back-boarding, rigid, air, and vacuum splinting, taping techniques, the manufacturing/fitting of protective pads, fitting of protective equipment and crutches, diagnostic testing, introduction to infrared modalities, introduction to pharmacology, general injury assessment, and rehab, taping and wrapping techniques, and SOAP documentation. A minimum of 200 clinical hours of ACI-supervision is required. Prerequisites: PHED 201, ATEP 116 and 262. Competency: Civility. Offered every year

ATEP 132. CLINICAL EXPERIENCE II. 1 semester hour.
This lab course is designed to assist Sophomore level athletic training students in the application of academic/didactic knowledge and skills within the clinical setting. A student may be placed to receive an “equipment intensive” clinical experience or one emphasizing “upper extremity injury.” Areas of emphasis include the following: review of first aid/CPR skills, taping, wrapping, and muscle testing. ATEP comprehensive examination. A minimum of 200 clinical hours of ATEP-supervision is required. Prerequisites: PHED 201, 251, 252, ATEP 116, 131, 262, and 272. Competency: Civility. Offered every year.

ATEP 133. CLINICAL EXPERIENCE III. 1 semester hour.
This lab course is designed to assist Junior level athletic training students in the application of academic/didactic knowledge and skills within the clinical setting. A student may be placed to receive an “equipment intensive” clinical experience, one emphasizing “lower extremity injury,” or one emphasizing “upper extremity injury” as needed. Areas of emphasis include the following: OSHA standards, environmental injuries, emergency care planning, sling psychrometer use, goniometry, hand dynamometer testing, oxygen tank set up and use, SAC protocol, ophthalmoscope use, Cybex testing, therapeutic pharmacology, NCAA/ACSM position statements, strength and weight training protocols for the upper extremity, back-boarding and upper extremity/torso injuries/illness. A minimum of 200 clinical hours of ATEP-supervision is required. Prerequisites: PHED 201, 251, 252, ATEP 116, 131, 132, 262, 272, 273, 285, 286, 333, 335, and 350. Competency: Civility. Offered every year.

ATEP 134. CLINICAL EXPERIENCE IV. 1 semester hour.
This lab course is designed to assist Junior level athletic training students in the application of academic/didactic knowledge and skills within the clinical setting. A student is placed within a three week orthopaedic, a three week physical therapy, and a three week general medical rotation at an off-campus affiliated clinical site. Areas of emphasis include the following: review of first aid/CPR skills, dermatology, goniometry, NCAA/ACSM position statements, strength and weight protocols for the lower extremity, social and performance enhancement pharmacology, back-boarding, traction splinting, medical/communicable diseases, skin fold caliper use, and lower extremity injuries/illnesses. ATEP comprehensive examination. A minimum of 200 clinical hours of ATEP-supervision is required. Prerequisites: PHED 201, 251, 252, ATEP 116, 131, 132, 133, 262, 272, 273, 285, 286, 333, 335, and 350. Competency: Civility. Offered every year.

ATEP 135. CLINICAL EXPERIENCE V. 1 semester hour.
This lab course is designed to assist Senior level athletic training students in the application of academic/didactic knowledge and skills within the clinical setting. A student is placed either on-campus or off-campus at an ACI/CI-supervised affiliated high school clinical setting. Areas of emphasis include the following: OSHA standards, environmental injuries, back-boarding, emergency care planning, medical intervention and referral, research methods, professional development, peer education, gait analysis, joint mobilization, use of the computer in the athletic training setting, employment skills and networking, technology use in education, clinical decision making scenarios. Students begin reviewing knowledge and clinical skills in preparation for the BOC certification examination. A minimum of 200 clinical hours of ATEP-supervision is required. Prerequisites: PHED 201, 251, 252, 380, 390, ATEP 116, 131, 132, 133, 134, 262, 272, 273, 285, 286, 333, 335, and 350. Competency: Civility. Offered every year.

ATEP 136. CLINICAL EXPERIENCE VI. 1 semester hour.
This lab course is designed to assist Senior level athletic training students in the application of academic/didactic knowledge and skills within the clinical setting. A student is placed at an off-campus ACI/CI-supervised clinical setting that closely matches his/her entry-level career interest area. Areas of emphasis include the following: review of first aid/CPR skills, peer edu-

ATEP 216: AMERICAN RED CROSS FIRST AID/CPR INSTRUCTOR. 2 semester hours.

This course will allow students to complete mandated theory, practical skills, and teaching methodologies leading to the conferring of an Instructor’s rating in First Aid and CPR by the American Red Cross. This course involves the completion of a Fundamentals of Instruction component as well as demonstration of practical skills associated with American Red Cross First Aid, CPR, and AED application. Prerequisites: Enrolled students must hold a current basic card in both American Red Cross First Aid and CPR/AED, ATEP 116 or PHED 115. Competency: Self-knowledge, Civility. Offered every year.

ATEP 262. BASIC ATHLETIC TRAINING.
An introductory course to the field of Athletic Training. Emphasis is placed on elements of recognition/care and prevention of common athletic illnesses and injuries. The roles of the BOC-certified athletic trainer and other community-based emergency care providers are also discussed. Includes a lab covering the selection, fabrication, and application of preventive taping, wraps, pads, splints, braces, and other specific protective devices. OSHA and Universal precaution during wound care and management are discussed and demonstrated as are the fitting of protective athletic equipment and crutches. Competency: Self-knowledge. Offered every year.

ATEP 272. ADVANCED ATHLETIC TRAINING: LOWER EXTREMITIES.
A course covering accepted techniques and procedures in the clinical evaluation of common athletic injuries/illness of the lower extremities. Includes history taking, visual inspection, manual palpation, and specific and functional testing. Recognition of clinical presentations of athletic injuries and illnesses of the lower extremities are also covered. Prerequisites: PHED 201, 251, 252, ATEP 116, 262 or consent of instructor. Competency: Critical analysis. Offered every year.

ATEP 273. ADVANCED ATHLETIC TRAINING: UPPER EXTREMITIES.
A course covering accepted techniques and procedures in the clinical evaluation of common athletic injuries/illness of upper extremities. Includes history taking, visual inspection, manual palpation, and specific and functional testing. Recognition of clinical presentations of athletic injuries and illnesses of the upper extremities are also covered. Prerequisites: PHED 201, 251, 252, ATEP 116, 131, 262, 272, or consent of instructor. Competency: Critical analysis. Offered every year.

ATEP 285. THERAPEUTIC MODALITIES.
A course covering the theory and clinical application of contemporary electromagnetic, hydrotherapy, acoustic, and mechanical therapeutic modalities. Principles of electrophysics and biophysics, pain theories, indications/contraindications of the local and systemic effects of modality use on traumatized tissues are discussed. Three credits of lecture and one credit of lab. Taken concurrently with ATEP 286: Therapeutic Rehabilitation. Prerequisites: PHED 251, 252, ATEP 131, 262, 272, 273, or consent of instructor. Competency: Analytical reading or critical analysis. Offered every year.

ATEP 286. THERAPEUTIC REHABILITATION.
A theory and laboratory course covering those topics associated with therapeutic rehabilitation: indications/contraindications isometric, isotonic, and isokinetic exercise, passive, active-assisted, active, and resistive exercise, manual resistance, open and closed chain kinetic exercise, proprioceptive neuromuscular facilitation, joint mobilization and pool exercises. Consideration of the psychological needs of the injured athlete, manual muscle testing, goniometric measurement and methods of setting rehab goals are also discussed and demonstrated. Three credits of lecture and one credit of lab. Taken concurrently with ATEP 285: Therapeutic Modalities. Prerequisites: PHED 251, 252, ATEP 131, 262, 272, 273 or consent of instructor. Competency: Analytical reading or critical analysis. Offered every year.

ATEP 333. NUTRITION FOR HEALTH AND PERFORMANCE. 3 semester hours.
This course provides knowledge of the functions of food and its relationship with health and human performance allowing students to make informed choices regarding personal nutritional habits. Topics of study include the following: essential dietary nutrients; dietary energy sources at rest and during exercise; weight control, body composition, and exercise; eating disorders; nutrition for physically active; pre/post-exercise meals and dietary supplements; and dietary analysis and making better dietary selections. Prerequisites: PHED 251, 252. Competency: Critical analysis. Offered every year.

ATEP 335. GENERAL MEDICAL CONDITIONS IN ATHLETIC TRAINING.
This course provides instruction in the practical knowledge and clinical skills used in the recognition, initial assessment, and care/referral of acute and chronic medical conditions affecting the performance of physically active individuals. Prerequisites: ATEP 116, 262, 350, PHED 251, 252 or consent of instructor. Competency: Critical Analysis. Offered every year.

ATEP 350. ADVANCED ATHLETIC TRAINING: HEAD AND TORSO.
A course covering accepted techniques and procedures in the clinical evaluation of common athletic injuries/illness of the head and torso. Includes history taking, visual inspection, manual palpation, and specific and functional testing. Recognition of clinical presentations of athletic injuries and illnesses of the head and torso are also covered. Prerequisites: PHED 201, 251, 252, ATEP 116, 131, 132, 262, 272, 273, 285, 286, or consent of instructor. Competency: Critical analysis. Offered every year.

ATEP 417. MANAGEMENT PRACTICES IN ATHLETIC TRAINING.
A course covering the following topics associated with the ad-
ministration of an athletic training/health care facility: legal liability, pre-participation physical examinations, facility design and safety management, OSHA standards, budgeting and inventory, employment strategies, peer education, computer use within the clinical setting, and ACSM/NCAA position statements. Prerequisites: Completion of Sophomore and Junior level ATEP course work and Senior standing. Competency: Public speaking. Prerequisites: ATEP 116, 131, 132, 133, 134, 272, 273, 285, 286, 333, 335, 350, PHED 201, 251, 252, or consent of instructor Offered every year.

ATEP 418. PHARMACOLOGY FOR ATHLETIC TRAINING. Students will study the therapeutic use of drugs in athletic training, including the legal, moral and ethical implications of drug administration by the athletic trainer. Students will learn the processes of pharmacokinetics/pharmacodynamics and how these impact a drug’s production of desired therapeutic effects and/or side effects. Students will learn the various classes and subclasses of drugs commonly used in athletics. Dosages, indications, contraindications, and modes of action will all be discussed. Prerequisites: MATH 215, PHED 251, PHED 252, ATEP 333 or consent of the instructor. Offered every year.

ATEP 452. PRACTICUM IN ATHLETIC TRAINING. 3 semester hours.

A 90-hour off-campus clinical placement within an allied health, collegiate, hospital, industrial, recreational, professional sport, and/or public school setting where the student will gain supervised work experience in athletic training by a BOC-certified athletic trainer, health care management or other area of interest supervised by appropriately credentialed and licensed professional. Prerequisites: Senior standing with completion of Sophomore and Junior level athletic training course work and ATEP 417: Management Practices in Athletic Training, ATEP 116, 131, 132, 133, 134, 262, 272, 273, 285, 286, 333, 335, 350, PHED 201, 251, 252, 380, 390, or consent of instructor. Competency: Civility and/or ethics. Offered every year.

BIOLOGY

This program of study is designed to expose the student to a wide variety of subjects within the biological sciences. While encouraging a generalist approach to the biological sciences, the curriculum is also designed to encourage development of critical thinking, analytical reading, writing, and public speaking skills. Service learning and community involvement are important components of the curriculum and should be encouraged at every opportunity. Charges may be placed on the student’s account for laboratory equipment broken or damaged as a result of student negligence.

Students may select from seven concentrations of study: Biology, Biology - Teacher Certification, Medical Pre-Professional, Medical Technology, Organismal Biology, Pre-Pharmacy, and Pre-Physical Therapy.

Biology Major
BIOL 101 General Biology I
BIOL 102 General Biology II
BIOL 201 Genetics
BIOL 202 Microbiology
BIOL 302 Human Physiology
CHEM 101 General Chemistry I
CHEM 102 General Chemistry II

One 200-level biology course: (BIOL 204 Nonvascular Plants, BIOL 205 Vascular Plants, BIOL 220 Vertebrate Zoology I, or BIOL 221 Vertebrate Zoology II)

Four 300- or 400-level courses: (BIOL 301 General Ecology, BIOL 303 Histology, BIOL 305 Parasitology, BIOL 308 Immunology, BIOL 401 Invertebrate Zoology, BIOL 402 Embryology, BIOL 403 Comparative Anatomy, and either BIOL 404 Field Biology I, or BIOL 406 Field Biology II)

TOTAL: 48 semester hours

Biology Minor
BIOL 101 General Biology I
BIOL 102 General Biology II
BIOL 201 Genetics
BIOL 202 Microbiology or BIOL 301 General Ecology
BIOL 302 Human Physiology

TOTAL: 20 semester hours

Teacher Certification - Biology Concentration
The following program leads to licensure for teaching Biology in grades 7-12 and is comprised of 161 semester hours, as follows:

Major 56
Professional Education 40
General Education 65

Major Curriculum
BIOL 101 General Biology I
BIOL 102 General Biology II
BIOL 201 Genetics
BIOL 202 Microbiology
BIOL 204 Nonvascular Plants
BIOL 205 Morphology & Taxonomy of Plants
BIOL 301 General Ecology
BIOL 101 General Biology I
BIOL 102 General Biology II
CHEM 101 General Chemistry I
CHEM 102 General Chemistry II

Professional Education Curriculum
EDUC 200 History, Philosophy, and Principles of Education
EDUC 320 Classroom Discipline and Management
HGLN 337 Assessment and Evaluation
EDUC 456 Student Teaching Seminar
EDUC 458 Enhanced Student Teaching (7-12)
SPED 101 Survey of the Regular and Special Populations Within the School Environment

General Education Curriculum
*CISC 100 Computer as a Tool
CISC 216 Computer as a Classroom Support System
**ENGL 100 Introduction to College Writing
ENGL 110 Composition and Rhetoric
ENGL 111 Composition, Rhetoric and Research
EVSC 111 Environmental Science
HIST 101 or 102 The West and the World I or II
HIST 201 or 202 U.S. History I or II
**MATH 101 Basic Mathematics
MATH 102 College Algebra
MATH 215 Elementary Statistics
OREN 105 Tusculum Experience
PHED 201 Foundations of Physical Fitness and Wellness
POLS 380 The Political Traditions of the West
PSYC 101 Essentials of Psychology
PSYC 200 Developmental Psychology
PSYC 305 Educational Psychology
RELG 330 The Hebrew and Christian Traditions
SOCI 101 Principles and Social Institutions
Choose one of the following courses:
MUSC 101 Introduction to Western Music
THEA 104 Introduction to Theatre
VISA 110 Introduction to Art
VISA 204 Ancient through Renaissance Art
VISA 208 Baroque through Modern Art
*Test opportunity is available.
**Not required if ACT/SAT scores merit exemption.

Medical Pre-Professional Concentration
This concentration in Biology is designed for students who wish to pursue advanced degrees at traditional medical schools, schools of osteopathic medicine, chiropractic schools, schools of veterinary sciences, or dental schools. This rigorous curriculum is designed so that by the end of their Junior year students will have been introduced to all the major subject areas covered by standardized tests (e.g. MCAT, DAT) required for admissions into these advanced degrees. Students will choose electives their Junior and Senior years to meet their independent needs.

Retention Standards
Starting with the fall 2005 class, all Medical Pre-Professional program majors must obtain a cumulative grade point average of 2.5 or above in BIOL 101, BIOL 102, CHEM 101, and CHEM 102 before they may enroll in any 200-level or higher biology courses.

Courses
Required:
BIOL 101 General Biology I
BIOL 102 General Biology II
BIOL 201 Genetics
BIOL 202 Microbiology
BIOL 302 Human Physiology
CHEM 101 General Chemistry I
CHEM 102 General Chemistry II
CHEM 203 Organic Chemistry I
CHEM 204 Organic Chemistry II
CHEM 301 Biochemistry and Cellular Biology
PHYS 101 General Physics I
PHYS 102 General Physics II
Choose 3 of the following:
BIOL 303 Histology
BIOL 305 Parasitology
BIOL 308 Immunology
BIOL 402 Embryology
BIOL 403 Comparative Anatomy
Choose 1 of the following:
BIOL 204 Nonvascular Plants
BIOL 205 Vascular Plants
BIOL 220 Vertebrate Zoology I
BIOL 221 Vertebrate Zoology II
BIOL/EVSC 301 General Ecology
BIOL 401 Invertebrate Zoology
Total: 64 semester hours
(please see Chemistry and Physics for course descriptions. Although not required for the B.A., many professional schools also require study in Calculus and English Composition.)

Medical Technology Concentration
This concentration in Biology is designed for students who desire to work as a medical technologist. Students will complete three years at Tusculum College and then apply to an off campus, approved hospital for their training. Upon successful completion of the training, students will be awarded a B.A. degree from Tusculum College and be eligible for the national certification examination.

Courses
BIOL 101 General Biology I
BIOL 102 General Biology II
BIOL 201 Genetics
BIOL 202 Microbiology
BIOL 302 Human Physiology
BIOL 303 Histology
BIOL 305 Parasitology
BIOL 308 Immunology
BIOL 403 Comparative Anatomy
CHEM 101 General Chemistry I
CHEM 102 General Chemistry II
CHEM 203 Organic Chemistry I
Organismal Biology Concentration

This track in Biology is designed for students who desire to pursue graduate studies in Zoology or Botany.

Courses

- CHEM 101 & CHEM 102 General Chemistry I and II
- CHEM 203 & CHEM 204 Organic Chemistry I and II
- BIOL 101 & BIOL 102 General Biology I and II
- BIOL 202 Microbiology
- BIOL 204 Nonvascular Plants
- BIOL 205 Morphology and Taxonomy of Vascular Plants
- BIOL 220 Zoology I
- BIOL 221 Zoology II
- BIOL 301 General Ecology
- BIOL 401 Invertebrate Zoology
- BIOL 403 Comparative Anatomy

TOTAL: 56 semester hours

Pre-Pharmacy Concentration

There are two routes to the completion of a pre-pharmacy degree at Tusculum College. The first is to complete concentration requirements as outlined below and the Commons requirements for a Bachelor’s degree from Tusculum College. A student can then apply for admission to the Pharmacy school of his or her choice. The second route is for the exceptional student. Upon completion of the pre-pharmacy requirements and acceptance to Pharmacy school, students will be able to enroll at that Pharmacy school and begin their studies. After the successful completion of one year (minimum of 36 semester hours) from an accredited Pharmacy school, the student must submit an official transcript to the Tusculum College Registrar’s Office documenting his or her successful completion of the first year of study. Upon review and approval, the student will then be awarded a B.A. degree in Pre-Pharmacy from Tusculum College at the next regularly scheduled graduation.

Courses

- BIOL 101 General Biology I
- BIOL 102 General Biology II
- BIOL 201 Genetics
- BIOL 202 Microbiology
- BIOL 302 Human Physiology
- BIOL 308 Immunology
- BIOL 403 Comparative Anatomy
- CHEM 101 General Chemistry I
- CHEM 102 General Chemistry II
- CHEM 203 Organic Chemistry I
- CHEM 204 Organic Chemistry II
- BIOL 301 Biochemistry
- *MATH 104 Calculus
- MATH 215 Statistics

ECONOMICS/ACCOUNTING (BUSN 201* or BUSN 211)

**PHYS 101 General Physics I

TOTAL: 64 semester hours

* Prerequisite of MATH 103 or permission of instructor
** Some pharmacy schools, such as East Tennessee State University, require Physics II as a pre-requisite. Students should check the pre-requisites of the schools to which they plan to apply to make sure they have all the required courses.

Note: Most pharmacy schools require a 3-hour course in public speaking on the applicant’s transcripts. Students are encouraged to take a speech course at an institute offering this course.

Pre-Physical Therapy Concentration

According to the American Physical Therapy Association:

“The physical therapist provides services aimed at preventing the onset and/or slowing the progression of conditions resulting from injury, disease, and other causes. The physical therapist provides these services to people of all ages who have functional conditions resulting from back and neck injuries, sprains/strains and fractures, arthritis, burns, amputations, stroke, multiple sclerosis, birth defects such as cerebral palsy and spina bifida, injuries related to work and sports, and others.”

A majority of Physical Therapy schools requires a Bachelor’s degree, prerequisite coursework, a minimum grade point average of 3.0, work or volunteer experience as a physical therapist’s aide, and letters of recommendations. Many also require the GRE. Completion of all prerequisites does not guarantee admission into a Physical Therapy school. Competition is very tough, with several qualified applicants per available slot.

The Pre-Physical Therapy concentration in Biology is designed to meet the prerequisite course work of many Physical Therapy schools. However, each Physical Therapy School has its own prerequisites, and students must determine the prerequisites of the schools they are interested in and work closely with their advisors to plan the appropriate course work.

Courses

- BIOL 101 General Biology I
- BIOL 102 General Biology II
- BIOL 201 Genetics
- BIOL 302 Human Physiology
- BIOL 403 Comparative Anatomy
- CHEM 101 General Chemistry I
- CHEM 102 General Chemistry II
- MATH 215 Elementary Statistics
- PHED 251 Human Anatomy
- PHED 380 Kinesiology
- PHYS 101 General Physics I
- PHYS 102 General Physics II
- PSYC 101 Essentials of Psychology
- Any additional Psychology Course

Choose twelve hours from the following:

- ATEP 262 Basic Athletic Training
- ATEP 272 Advanced Athletic Training - Lower Extremities
- ATEP 273 Advanced Athletic Training - Upper Extremities
- ATEP 285 Therapeutic Modalities
- ATEP 286 Therapeutic Rehabilitation
- ATEP 333 Nutrition for Health and Performance
- ATEP 350 Advanced Athletic Training - Head and Torso
- ATEP 417 Management Practices in Athletic Training

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BIOL 100. INTRODUCTORY BIOLOGY.
A general course designed to meet the needs of the non-science major. A non-technical presentation of the terminology and role of biology as it relates to the daily life of an educated person. This course will not count toward a biology major.

BIOL 101. GENERAL BIOLOGY I.
Part one of the basic principles of biology. This course will serve to introduce the student to the scientific method, characteristics of life, chemistry, macromolecule structure and function, cell structure and function, enzymology, metabolism, cellular respiration, photosynthesis, DNA replication, nuclear and cell division, transcription and translation, and heredity.

BIOL 102. GENERAL BIOLOGY II.
Part two of the basic principles of biology. This course will serve to introduce the student to population genetics, microevolution, evolution, organismic diversity, and mammalian anatomy and physiology. Prerequisites: BIOL 101 or permission of the instructor. Offered every year.

BIOL 201. GENETICS.
A study of transmission, population, and molecular genetics and DNA technology. Laboratory experiments constitute a significant portion of this course. Prerequisites: BIOL 101, BIOL 102, or permission of instructor. Offered every year. Competency: Critical Analysis.

BIOL 202. MICROBIOLOGY.
A study of microorganisms, primarily prokaryotes and non-living infectious agents, with emphasis first on basic processes, such as observation, structure, growth, metabolism, taxonomy, virology, and control; and then on applied aspects, including chemotherapeutics, microbial ecology, medical microbiology, epidemiology, and food microbiology. Laboratory will stress aseptic technique, staining, enumeration, and isolation and characterization of microbes. Prerequisites: BIOL 101 and BIOL 102. Offered every year.

BIOL 204. NONVASCULAR PLANTS.
Familiarizes the student with the nonvascular flora; and the morphology, distribution, and ecology of these plants. Prerequisites: BIOL 101 and BIOL 102. Offered every other year.

BIOL 205. MORPHOLOGY AND TAXONOMY OF VASCULAR PLANTS.
Detailed instruction in proper use of a biological key; lab and field work devoted to morphology, collection, and identification. Prerequisites: BIOL 101 and BIOL 102. Offered every other year.

BIOL 206. VERTEBRATE ZOOLOGY I.
Survey of the morphological, physiological, ecological, and phylogenetic relationships of vertebrates. Laboratory work will be directed toward an understanding of the comparative and developmental morphologies of the major groups. Prerequisites: BIOL 101 and BIOL 102. Offered every other year.

BIOL 207. VERTEBRATE ZOOLOGY II.
Survey of the taxonomic relationships and diversity of the vertebrates. Laboratory and field work will involve collection, identification, and curation of the vertebrates of the Southeastern United States. Prerequisite: BIOL 220. Offered every other year.

BIOL 301/EVSC 301. GENERAL ECOLOGY.
The organism’s relationship to its environment; factors influencing populations, communities, and distribution; emphasis on problems of pollution and their effects on the ecosystem. Prerequisites: BIOL 101, BIOL 102 and MATH 215. Offered every year.

BIOL 302. HUMAN PHYSIOLOGY.
Consideration of functions at the cellular level with emphasis on the physiology of human systems. Prerequisites: BIOL 101, BIOL 102, and BIOL 201. Offered every other year. Competency: Critical Analysis.

BIOL 303. HISTOLOGY.
An in-depth treatment of human cells and tissues and the logic of their organization. After studying the basic tissues, students will explore the functional anatomy of organs and organ systems. Structure-function relationships will be emphasized. Laboratory will consist of extensive microscopic examination of prepared slides, emphasizing identification of structures, tissues, and organs. Prerequisites: BIOL 101 and BIOL 102. BIOL 302 is highly recommended as well. Offered every other year.

BIOL 305. PARASITOLOGY.
Taxonomy, morphology, and epidemiology of animal parasites. Special attention is given to parasites of humans. Diagnostic, clinical, preventative, and control measures stressed. Identification, classification, and anatomy will be stressed in laboratory. Prerequisites: BIOL 101 and BIOL 102. Offered every other year.

BIOL 308. IMMUNOLOGY.
This course presents a review of adaptive immunity, recognition of self and non-self, effector mechanisms, and common laboratory techniques used to evaluate the state of the immune system. The remaining subjects will deal with the mechanisms by which pathogens avoid immune response, inherited and acquired immunodeficiencies, hypersensitivities, transplant rejections, control of the immune response, immune response to tumors, and vaccinations. Prerequisites: BIOL 101, 102, and CHEM 102. Offered every other year.

BIOL 401. INVERTEBRATE ZOOLOGY.
Survey of the invertebrate groups with emphasis on their taxonomy, morphology, physiology, distribution, and ecology. Lab work includes field studies, collections, and the dissection of selected invertebrates. Prerequisites: BIOL 101 and BIOL 102. Offered every other year.
BIOL 402. EMBRYOLOGY. 
A comparative study of the developmental processes of vertebrates and invertebrates, emphasizing human embryology and development. Attention is given to maturation, fertilization, cleavage, organ-ogeny, and structural and phylogenetic relationships. Prerequisites: BIOL 101 and BIOL 102. Offered every other year.

BIOL 403. COMPARATIVE ANATOMY. 
Detailed attention to the anatomy of several vertebrates so that the student may become better acquainted with the phylogeny of organ systems. Laboratory study consists of a comparative study of Amphioxus, dogfish, Necturus, and the cat. Prerequisites: BIOL 101 and BIOL 102. Offered every other year.

BIOL 404/EVSC 414. FIELD BIOLOGY I. 
Studies of plant and animal forms in their natural environments. Attention will be given to their ecological and phylogenetic relationships. Collection, identification, and preservation techniques will be emphasized. Extensive travel to diverse ecosystems of the United States of America is required, along with a fee to help defray the costs of transportation, food, and lodging. Prerequisite: Permission of the instructor. This course is normally offered in Block 7 of odd years.

BIOL 405. SENIOR SEMINAR. 
Discussions of contemporary interest on current biological problems and research. Prerequisite: Open to students other than seniors by permission of instructor. Competencies: Self Knowledge, The Ethics of Social Responsibility, and Civility.

BIOL 406/EVSC 416. FIELD BIOLOGY II. 
Studies of plant and animal forms in their natural environments. Attention will be given to their ecological and phylogenetic relationships. Collection and identification techniques will be emphasized. Extensive travel to international destinations is usually required. Destinations in the past have included Costa Rica and Mexico. Future trips may include Ecuador, the Azores (Portugal), as well as other destinations. A fee is required of students to help defray the costs of transportation, food, and lodging. Prerequisite: Permission of the instructor. This course is normally offered in Block 7 of even years.

BIOL 450. INDEPENDENT STUDY. 
Projects open to Juniors and Seniors. Formal report is required. Prerequisite: Permission of instructor.

BIOL 451. INTERNSHIP IN BIOLOGY. 1-8 semester hours. 
Students will gain experience appropriate to their area of specific interest within the major by arranging internships within federal and state agencies, industry, or private business. Prerequisite: 16 hours in the Biology major. Can be repeated for maximum of eight semester hours.

BIOL 452. INTERNSHIP IN MEDICAL PRE-PROFESSIONAL. 1-8 semester hours. 
Students will gain experience appropriate to their area of specific interest within the major by arranging internships within federal and state agencies, industry, or private business. Prerequisite: 16 hours in the Medical Pre-Professional major. Can be repeated for a maximum of eight semester hours.

BUSINESS ADMINISTRATION

Our communities are strengthened economically, socially, politically, and culturally by the organizations that function in them. Those organizations, both large and small, profit and nonprofit, need managers who have integrity, good judgment, and civic mindedness. The Business Administration program at Tusculum, steered by the mission of the College, integrates these virtues throughout the program of study.

Business is a dynamic field of study. The competencies of Writing, Analytical Reading, Public Speaking, Critical Analysis, Civility, and Computer Literacy are integrated throughout the Business Administration program. In addition, the global marketplace, ethical decision making, diversity in the workplace, and the team-centered approach are stressed. For the Tusculum Business Administration major, the focused calendar allows an opportunity to develop skills and knowledge that will help them to be productive members of the communities and organizations they choose.

Graduates of the College have discovered various roads to success. Initially, many begin in sales, business administration trainee programs, first line management, and production. Others continue their education and pursue graduate degrees. Tusculum graduates are entrepreneurs, managers, supervisors, educators, and consultants.

**Core Curriculum**

The Business Administration program of study is offered in four concentrations: General Management, Management Accounting, Economics, and Information Technology. Students interested in teaching business can major in the Business Education 7-12 program which leads to licensure in grades 7-12.

Each concentration requires the business administration major to have a generalist background in management, accounting, economics, finance, and computer applications. Building from this knowledge base, the student continues to increase his/her skills and knowledge with the required courses of the concentration. The flexibility of the curriculum allows students to select additional business administration courses for electives.

The core curriculum for all four concentrations within the business administration program of study is as follows:

* CISC 200 Management Information Systems and Systems Analysis
* MATH 215 Elementary Statistics
* ENGL 233 Writing for Organizations
* BUSN 201 Principles of Economics
* BUSN 210 Principles of Management
* BUSN 211 Accounting Principles I
* BUSN 212 Accounting Principles II
* BUSN 322 Finance
* BUSN 403 Business Law and Ethics
* BUSN 449 Policy, Ethics, and Strategy or
* BUSN 499 Honors: Policy, Ethics, and Strategy
* TOTAL: 40 semester hours

*Not required in the Information Technology concentration.

The following paragraphs list the required curriculum for each concentration in addition to this core curriculum.
General Management
This concentration emphasizes a generalist approach to studying the dynamic environment of business.
BUSN 202 Principles of Economics II
BUSN 305 Principles of Marketing
BUSN 312 Organizational Behavior
BUSN 334 Human Resource Management
BUSN 446 International Business
TOTAL: 20 semester hours plus the core curriculum
Students in management are strongly encouraged to elect BUSN 451, Internship in Business, to strengthen their major.

Management Accounting
This concentration provides an accounting perspective for studying management.
BUSN 317 Intermediate Accounting I
BUSN 318 Intermediate Accounting II
BUSN 323 Auditing
BUSN 351 Cost Accounting
BUSN 441 Income Tax I: Personal
BUSN 442 Income Tax II: Business
TOTAL: 24 semester hours plus the core curriculum
Students in accounting are strongly encouraged to elect BUSN 451, Internship in Business, to strengthen their major.

Economics
This concentration provides an economic perspective for studying management.
BUSN 202 Principles of Economics II
BUSN 301 Macroeconomic Theory and Application
BUSN 302 Microeconomic Theory and Application
BUSN 445 International Economics
BUSN 321 Economic History of the United States or
BUSN 346 International Economic Development
TOTAL: 20 semester hours plus the core curriculum
Students in economics are strongly encouraged to elect BUSN 451, Internship in Business, to strengthen the major.

Information Technology
Tusculum College’s Information Technology (IT) concentration curriculum strives to prepare students with a fundamental knowledge and skill set required for tomorrow’s IT specialists. Our courses explore the key areas related to IT, including Business Systems, Database Management, Networks and Telecommunications, Business Programming and Operating Systems, and Web Management.
(CISC 200 in the core is not required)
CISC 105 Intro to Problem Solving
CISC 215 Database Management
CISC 310 Data Communication & Networking
CISC 311 Systems Analysis and Logical Design
CISC 322 Business Programming
CISC 332 Electronic Commerce
CISC 442 Information Technology
TOTAL: 28 semester hours plus the core curriculum

Business Education 7-12 Licensure
The following program leads to licensure for teaching Business in grades 7-12 and is comprised of 144 or 150* semester hours, as follows:

Major 48
Professional Education 36
General Education 65

Major Curriculum
BUSN 101 Business and Its Environment
BUSN 201 Principles of Economics I
BUSN 210 Principles of Management
BUSN 211 Accounting Principles I
BUSN 305 Principles of Marketing
BUSN 312 Organizational Behavior
BUSN 322 Principles of Finance
BUSN 334 Human Resource Management
BUSN 403 Business Law and Ethics
BUSN 446 International Business
CISC 200 Management Information Systems and Systems Analysis
EDUC 419 Content Area Reading
ENGL 233 Writing in Organizations

Professional Education Curriculum
EDUC 200 History and Philosophy of Education
EDUC 320 Classroom Discipline and Management
HGLN 337 Assessment and Evaluation
EDUC 342 Learning Environments 7-12
EDUC 452 Student Teaching Seminar
EDUC 456 Enhanced Student Teaching 9-12
EDUC 458 Enhanced Student Teaching 7-8
SPED 101 Survey of the Regular and Special Populations Within the School Environment

General Education Curriculum
*CISC 100 Computer as a Tool
CISC 216 Computer as a Classroom Support System
**ENGL 100 Introduction to College Writing
ENGL 110 Composition and Rhetoric
ENGL 111 Composition, Rhetoric and Research
EVSC 111 Environmental Science
HIST 101 or 102 The West and the World I or II
HIST 201 or 202 U.S. History I or II
**MATH 101 Basic Mathematics
MATH 102 College Algebra
MATH 215 Elementary Statistics
OREN 105 Tusculum Experience
PHED 201 Foundations of Physical Fitness and Wellness
POL/ 380 The Political Traditions of the West
PSYC 101 Essentials of Psychology
PSYC 200 Developmental Psychology
PSYC 305 Educational Psychology
RELG 330 The Hebrew and Christian Traditions
SOCI 101 Principles and Social Institutions

Choose one of the following courses:
MUSIC 101 Introduction to Western Music
THEA 104 Introduction to Theatre
VISA 110 Introduction to Art
VISA 204 Ancient through Renaissance Art
VISA 208 Baroque through Modern Art
*Test opportunity is available.
**Not required if ACT/SAT scores merit exemption.
Management Minor
CISC 200 Management Information Systems and Systems Analysis
BUSN 201 Principles of Economics
BUSN 210 Principles of Management
Select two additional courses in BUSN at the 300 or 400 level.
TOTAL: 20 semester hours

Economics Minor
MATH 215 Elementary Statistics
BUSN 201 Principles of Economics I
BUSN 202 Principles of Economics II
Select any two additional courses from the following:
BUSN 301 Macroeconomic Theory and Application
BUSN 302 Microeconomic Theory and Application
BUSN 346 International Economic Development
BUSN 445 International Economics
TOTAL: 20 semester hours

International Business Minor
BUSN 210 Principles of Management
MATH 215 Elementary Statistics
BUSN 201 Principles of Economics I
BUSN 346 International Economic Development
BUSN 445 International Economics
BUSN 446 International Business
TOTAL: 24 semester hours

Departmental Honors
If students meet the honors program requirements, they may take the following two courses to receive departmental honors.
BUSN 399 Honors: History of Capitalism
BUSN 499 Honors: Policy Ethics and Strategy (in place of BUSN 449)

COURSE DESCRIPTIONS

BUSN 101. BUSINESS AND ITS ENVIRONMENT.
Introduction to business, competition, and capitalism; to develop a better understanding of types of business and different forms of business ownership. Competencies: Analytical Reading, Civility. Prerequisite: None. Offered every year.

BUSN 201. PRINCIPLES OF ECONOMICS I.
Analysis of the overall performance of economic systems. Topics discussed include employment, inflation, economic growth, and development. Forecasting techniques and the effects of monetary and fiscal policies are analyzed. Competency: Critical Analysis. Prerequisite: MATH 215 or permission of instructor. Offered every year.

BUSN 202. PRINCIPLES OF ECONOMICS II.
An introduction to microeconomics with emphasis on applying basic microeconomic concepts to consumer and firm decisions. Special consideration is given to price, production, and cost determination along with profit maximization for firms in various market structures. Competency: Critical Analysis. Prerequisite: BUSN 201. Offered every year.

BUSN 210. PRINCIPLES OF MANAGEMENT.
Introduction to management theory and practice with emphasis on the functions of planning, organizing, staffing, leadership, and controlling. Social and ethical issues will be discussed. Competencies: Writing and Civility. Prerequisite: ENGL 111. Offered every year.

BUSN 211. ACCOUNTING PRINCIPLES I.
Introduces the student to accounting principles and concepts. Includes the study of financial statements, information processing cycle, receivable, inventory methods, plant, equipment, and intangible assets. Competencies: Critical Analysis and Ethics of Social Responsibility. Offered every year.

BUSN 212. ACCOUNTING PRINCIPLES II.
A study of accounting principles relevant to payroll accounting, liabilities, partnership, corporations, and investments. Also, techniques required in compiling and interpreting data to be used in decision making, includes funds flow, budgeting, and cost analysis. Competency: Critical Analysis. Prerequisite: BUSN 211. Offered every year.

BUSN 247. PERSONAL INVESTING.
An overview of the investment process, establishing personal investment objectives; exposure to principles of the market, portfolio diversification, fundamental and technical analysis techniques; and developing a personal investment status. Competency: Critical Analysis. Offered every other year.

BUSN 301. MACROECONOMIC THEORY AND APPLICATION.
Analysis and application of the theories of aggregate income determination in the long run and over the business cycle. Examination of the effect of fiscal and monetary policies. The course will establish explicit connections between theory and its empirical applications. Competency: Public Speaking. Prerequisite: BUSN 201. Offered every other year.

BUSN 302. MICROECONOMIC THEORY AND APPLICATION.
Analysis and application of the theories of pricing in commodity and factor markets under different market structures. Examination of consumer behavior and demand analysis. The course will establish explicit connections between theory and its empirical applications. Competency: Critical Analysis. Prerequisite: BUSN 202. Offered every other year.

BUSN 305. PRINCIPLES OF MARKETING.
The study of marketing concepts and practice, including distribution, advertising, mix, segmentation, and differentiation. Competencies: Ethics of Social Responsibility and Public Speaking. Prerequisite: BUSN 210. Offered every year.

BUSN 312. ORGANIZATIONAL BEHAVIOR.
Deals with the relationship between the individual and the organization and such basic psychological processes as need satisfaction, attitude formation, and decision making. Within this area particular emphasis is placed on leadership, problem solving, conflict resolution, communication, and team building. This course will include a review of principles and concepts from
lower division coursework in the major. Competencies: Public Speaking, Self Knowledge, and Writing. Prerequisite: BUSN 210. Offered every year.

BUSN 317. INTERMEDIATE ACCOUNTING I.
Fundamental theories and practices of accountancy, tangible assets, and deferred items; includes an insight into authoritative accounting pronouncements of various accounting organizations. Competency: Critical Analysis. Prerequisite: BUSN 212. Offered every other year.

BUSN 318. INTERMEDIATE ACCOUNTING II.
Fundamental theories and practices related to liabilities, bonds/notes, leases, ownership, and taxes; includes an insight into authoritative accounting pronouncements. Competencies: Analytical Reading and Writing. Prerequisite: BUSN 317. Offered every other year.

BUSN 321. ECONOMIC HISTORY OF THE UNITED STATES.

BUSN 322. PRINCIPLES OF FINANCE.
The study of the financial function of organizations including risk assessment and management, capital budgeting, funds sourcing, and working capital management. Competency: Critical Analysis. Prerequisite: BUSN 211. Offered every year.

BUSN 323. AUDITING.
A course in the fundamental theories and practices of internal and external auditing stressing content and development of audit programs with an emphasis on internal control systems evaluation. Competencies: Analytical Reading and Ethics of Social Responsibility. Prerequisite: BUSN 318. Offered every other year.

BUSN 324. ADVANCED AUDITING.
A further study of auditing, including case application, evaluation of theory, and philosophy of auditing. Prerequisite: BUSN 323. (Offered only as a supplement in the accounting concentration.)

BUSN 334. HUMAN RESOURCE MANAGEMENT.
This course covers the major topics that make a critical difference in the life of a manager/supervisor. Technical, psychological, social, and political issues in management will be addressed. Also included are issues related to selection and placement of personnel, induction, training, performance appraisal, wage and salary administration, and a discussion of union/management relations. Competencies: Analytical Reading and Self Knowledge. Prerequisite: BUSN 210. Offered every year.

BUSN 346. INTERNATIONAL ECONOMIC DEVELOPMENT.
Theories of economic development, policies, and strategies used to promote economic improvement in less developed countries. The course is aimed at identifying major economic questions relevant to less developed economies and to showing how economic analysis can be used further to understand the obstacles to development and to formulate appropriate policies. Competency: Analytical Reading. Prerequisites: BUSN 201. Offered every other year.

BUSN 351. COST ACCOUNTING.
The theories, techniques, and procedures in cost accumulation, reporting, and control. The course includes a study of job order costing, process costs, by-products and joint products costing, and standard cost and variance analysis. Competencies: Critical Analysis, Analytical Reading, and Writing. Prerequisite: BUSN 212. Offered every other year.

BUSN 399. HONORS: HISTORY OF CAPITALISM.
In this honors course, students will study the development of capitalist enterprises from the ancient world to the present day and will consider the future role of corporations in a globalized economy. A major theme of the course will be the relationship between the company and the state. The contributions of “capitalist philosophers” like Chester Barnard and Herbert Simon will be examined in depth as will the influence of important business leaders, like J. Pierpoint Morgan and Alfred Sloan. Each student will conduct independent research on a topic of relevance to the history of capitalism. Competencies: Analytical Reading, Writing. Prerequisite: Honors program requirements. Offered every year.

BUSN 400. SPECIAL TOPICS IN BUSINESS.
Management related topics selected to meet specific student needs. Designed to promote advanced study related to other Management course offerings. This course may be repeated once with a different topic for a total of eight semester hours. Competency: Ethics of Social Responsibility. Prerequisite: Permission of instructor.

BUSN 403. BUSINESS LAW AND ETHICS.
Contracts and agency, rights, obligations and relationship of the agent, principal, and third party conveyances and mortgages of real property, and negotiable instruments are among topics studied. Also includes study of computer law and data security and ethics. Competencies: Analytical Reading and Ethics of Social Responsibility. Prerequisite: BUSN 210. Offered every year.

BUSINESS 441. INCOME TAX I: PERSONAL.
A course in the preparation of personal income tax returns, including a comprehensive analysis of major option and supplemental schedules. Competencies: Critical Analysis, Writing, and Computer Literacy. Prerequisite: BUSN 212. Offered every other year.

BUSN 442. INCOME TAX II: BUSINESS.
A course in the preparation of corporate and estate taxes with an emphasis on the general procedures related to small business. Competencies: Writing, Public Speaking, and Computer Literacy. Prerequisite: BUSN 212. Offered every other year.

BUSN 445. INTERNATIONAL ECONOMICS.
Theory and practice of international trade, exchange rates, international finance. Examination of international economic institutions. Examination of the globalization process from business
and social perspectives. Competency: Writing. Prerequisite: BUSN 201. Offered every other year.

BUSN 446. INTERNATIONAL BUSINESS.
Investigates the economic, financial, legal, political, and cultural setting of international business. Evaluates problems, policies, and operations of multinational enterprises on such issues as strategic planning, organizational structure, and political risk management. Competencies: Analytical Reading and Civility. Prerequisite: BUSN 210. Offered every year.

BUSN 449. POLICY, ETHICS, AND STRATEGY.
In this capstone Business Administration course, students will examine the processes by which organizations formulate strategy, implement policy, and evaluate outcomes. The ethical implications of strategic choices are a central concern of this course. Case study is extensive. Competencies: Writing, Public Speaking, and Ethics of Social Responsibility. Prerequisites: BUSN 210, BUSN 312, and Senior standing as a Business Administration major. Offered every year.

BUSN 451. INTERNSHIP IN BUSINESS. 4-8 semester hours.
Students who want an opportunity to test their knowledge of business and their competency skills in a real organizational setting can elect to serve as an intern in a work-study program. This program will require a contractual agreement between the student, the organization, and the Coordinator of the Business Administration Program. To be eligible to register for this course, a student must have a minimum G.P.A. of 2.75 in the major and prior approval from the program coordinator. Competencies: Civility, Writing, and Critical Analysis.

BUSN 499. HONORS: POLICY, ETHICS, AND STRATEGY.
This course provides the qualified Business Administration major an opportunity to connect disciplinary training to an independent research project. Each student will conduct an in-depth study of the processes by which a specific organization formulates strategy, implements policy, and evaluates outcomes. The research will focus on the ethical implications of the organization’s strategic plans and policy decisions. The results of this study will be defended in a public presentation to the Business Administration Program students and faculty. Competencies: Writing, Public Speaking, and Ethics of Social Responsibility. Prerequisites: BUSN 210, BUSN 312, Senior standing as a Business Administration major, and Honors Program requirements. Offered every year.

CHEMISTRY

The curriculum of the Chemistry program is designed to help develop and maintain critical thinking, analytical reading, writing, and public speaking skills. Service learning and community involvement are important components of the curriculum at every opportunity. Charges may be placed on the student’s account for laboratory equipment broken or damaged as a result of student negligence.

Chemistry Minor
CHEM 101 General Chemistry I
CHEM 102 General Chemistry II
CHEM 203 Organic Chemistry I
CHEM 204 Organic Chemistry II
CHEM 301 Biochemistry or
CHEM 209 Environmental Chemistry
TOTAL: 20 semester hours

Course Descriptions

CHEM 101. GENERAL CHEMISTRY I.
This course will cover general concepts and theories of chemistry. These topics will include atomic and molecular structure, stoichiometry, reactions in solution, gases, periodic table, covalent bonding/molecular geometry, and thermochemistry. Competency: Analytical Reading. Prerequisite: MATH 102 or Level 2 Math competency. Offered every year.

CHEM 102. GENERAL CHEMISTRY II.
A continuation of CHEM 101. Topics will include liquids and solids, solution chemistry, kinetics, chemical equilibrium, acid base reactions, spontaneity, and intro to organic chemistry. Competency: Critical Analysis. Prerequisite: CHEM 101. Offered every year.

CHEM 203. ORGANIC CHEMISTRY I.
A study of the structure, reactivity, and synthesis of several classes of organic compounds including alkaline, alkenes, alkyne, aromatic hydrocarbons, alkyl halides, alcohols, and phenols. Stereochemistry of organic compounds will also be covered. Competency: Writing. Prerequisite: CHEM 102. Offered every year.

CHEM 204. ORGANIC CHEMISTRY II.
A study of the structure, reactivity, and synthesis of several classes of organic compounds including ethers, epoxides, aldehydes, ketones, carboxylic acids and their derivatives, and amines. Some of the instrumental techniques used to identify and quantify organic compounds will be discussed. Competency: Public Speaking. Prerequisite: CHEM 203. Offered every year.

CHEM 209/EVSC 209. ENVIRONMENTAL CHEMISTRY.
A course designed to acquaint students with the chemical mechanisms underlying environmental problems. Topics of study will include chemistry of natural waters, redox equilibria and complexation in natural waters and waste waters, inorganic water pollution, chemistry of soils and the atmosphere, toxicology, and hazardous wastes. Competency: Analytical Reading. Prerequisites: CHEM 102. Offered every other year.
CHEM 301. BIOCHEMISTRY AND CELLULAR BIOLOGY.
Introduction to the chemistry of living systems. Competency: Analytical Reading. Prerequisite: CHEM 203. Offered every year.

CHEM 450. INDEPENDENT STUDY.
Research projects open to Juniors and Seniors. A formal report is required. Competencies: Writing and Self-Knowledge. Prerequisite: Permission of instructor.

Civic Engagement

The Civic Engagement minor is designed to strengthen and enhance the development of strong citizenship qualities and the habits of practical wisdom that are at the heart of Tusculum College’s Civic Arts emphasis. Through the Civic Engagement minor, students will develop community-based research skills, increase their knowledge of public policy, and discover the connections between their major field of study and community interests and public policy.

This minor is open to all students in any major and is an excellent choice for students with interest in social action, civic responsibility, and/or public policy as well as students seeking to broaden their experience and scope of potential career opportunities within their major. The minor will be an expectation of students in the Bonner Leader program if their course schedules allow. In the program, students will gain an understanding of various methods of civic engagement, including the use of mapping technologies; participate in the democratic process; explore the dynamics of communities and the process of change; develop and implement a research project to address a social issue; and examine the issues of poverty, diversity, and social justice and reflect on the impact of these issues on themselves, the community, and society.

Civic Engagement Minor
POLS 203 American Government
PSYC 321 Community Psychology
SVLN 451 Practicum in Civic Engagement
SVLN 455 Civic Arts Project/Capstone Internship or internship in major field of study with significant civic engagement/serving learning component
Choose one course from approved list submitted by participating departments (Substitution form required)
TOTAL: 20 semester hours

Course Descriptions

SVLN 451. PRACTICUM IN CIVIC ENGAGEMENT.
This course is designed to allow students to engage in intensive study and action in a community organization. Students will explore theories and concepts of civic involvement and methodologies of Community-Based Research, Participatory Action Research and community mapping using GIS and GPS technology. Students will develop and implement a Community-Based Research or mapping project around a social issue and/or with a public policy focus with a public or private non-profit organization pertaining to their major to address a community need. Prerequisite: SVLN 351, 354, 356 or satisfaction of Service-Learning Commons requirement.

SVLN 455. CIVIC ARTS PROJECT/CAPSTONE INTERNSHIP.
This independent course extends over a semester or year. This capstone course is designed to prepare students to develop and implement a Community-Based Research and/or a Civic Engagement project, often with a public policy focus. Drawing on the student’s learning and experience from their previous community work, the student will have identified a community need. Through practical deliberation, problem-solving and discussion with community members, the student will design the project. A proposal must be developed and a project committee established including the student, a community member, a representative from the Center for Civic Advancement, and a faculty member chosen by the student. Prerequisite: SVLN451. The grade of “IP” can be issued for this course.

Computer Science/Computer Information Systems

The Computer Science/Computer Information systems curriculum is designed to enhance the undergraduate experience and broaden the marketability of undergraduates, especially in Mathematics and Business Administration. (See the sections on Mathematics and Business Administration for explicit requirements).

The curriculum includes computer science theory and applications to prepare students for a variety of careers in business, industry, and government, as well as to continue their education in graduate programs. Students are provided the opportunity to become familiar with current technology and practice that will allow them to function effectively in the computer science profession.

Computer Information Systems Minor
CISC 105 Introduction to Problem Solving and Algorithm Development
CISC 110 Introduction to Programming I
CISC 200 Management Information Systems and Systems Analysis or
CISC 311 Systems Analysis and Logical Design
CISC 210 Data Structures and Algorithm Analysis
CISC 215 Database Management
and one course at the 300 or 400 level.
TOTAL: 24 semester hours

**COURSE DESCRIPTIONS**

**CISC 100. COMPUTER AS A TOOL.**
This course provides a survey of computer applications, information needs in business, and microcomputers and information systems that meet these needs. Emphasis is on microcomputer hardware and software applications. Competency: Computer Literacy. Offered every year.

**CISC 105. INTRODUCTION TO PROBLEM SOLVING AND ALGORITHM DEVELOPMENT.**
This course provides a survey of computing and computer science, and the steps involved in algorithm design. The history of computing and the elements of computer science are presented as well as methodologies for solving problems. Competency: Critical Analysis. Prerequisites: CISC 100 or validation and MATH 102 or equivalent. Offered every year.

**CISC 110. INTRODUCTION TO PROGRAMMING I.**
Students apply a structured, multi-phase program development process that features a series of steps involving understanding of a problem, formal problem definition, graphic design methodologies, and program specification through pseudocoding. Competency: Critical Analysis. Prerequisites: MATH 102 and CISC 105. Successful completion of MATH 103 is recommended. Offered every year.

**CISC 200. MANAGEMENT INFORMATION SYSTEMS AND SYSTEMS ANALYSIS.**
An introduction to information systems and information technology for business students. The purpose of this course is to help students learn how to use and manage information technology in order to improve managerial decision making and gain competitive edge. Methods of delivering information system solutions to business problems using structured analysis and design will be covered. Emphasis is on using spreadsheets and databases for problem solving. Prerequisites: CISC 100 or equivalent. Competency: Civility. Offered every year.

**CISC 210. DATA STRUCTURES AND ALGORITHM ANALYSIS.**
This course is a continuation of CISC 110. At this level, students write programs that deal with interactive processing, manipulation of arrays, files, linked lists, queues, and stacks. Competency: Critical Analysis. Prerequisite: CISC 110. Offered every year.

**CISC 215. DATABASE MANAGEMENT.**
This course places systems analysis in a context of database methods that have come to dominate the world of computer business applications. Stress is placed on application development through fourth generation programming techniques that are designed to take advantage of database capabilities. Competency: Ethics of Social Responsibility. Prerequisite: CISC105. Offered every year.

**CISC 216. COMPUTER AS A CLASSROOM SUPPORT SYSTEM.**
The preservice teacher will learn to use the computer for management of school data: for example, tracking student grades and attendance, for preparing letters to parents and teachers, and for preparing tests. The preservice teacher will also learn to use the computer as an instructional tool, both as a visual aid and a tool to enhance individual performance. The preservice teacher will be exposed to software packages that are currently being used in the Tennessee K-12 classrooms and will learn to choose software packages that are appropriate for the particular level of student they are teaching. Prerequisite: EDUC 200, SPED 101, and CISC 100 or Computer Literacy. Competency Level 2. Offered every year.

**CISC 254. COMPUTER ORGANIZATION AND ASSEMBLY LANGUAGE.**
This course deals with the internal organization of a computer system. Students will learn how memory is organized, how computer chips operate, how flip-flops work, and other hardware topics. Students will also gain experience with programming in assembly language. Competency: Critical Analysis. Prerequisite: CISC 210. Offered every year.

**CISC 310. DATA COMMUNICATION AND NETWORKING.**
The student is introduced to the concept of data communications, specifically as it applies to networking within a business. Topics will include hardware configurations and software requirements typical of Local Area Network (LAN). Additionally, students will be introduced to distributed system architectures. Competency: Public Speaking. Prerequisite: CISC 105. Offered every other year.

**CISC 311. SYSTEMS ANALYSIS & LOGICAL DESIGN.**
This course deals with analysis and design using the systems development life cycle approach. Students will perform analysis and logical design of a system. Students will then take the system that has been analyzed and its logical design and will continue with the system development life cycle. The students will create a physical design and implementation of their system. Competency: Writing. Prerequisite: CISC 105. Offered every other year.

**CISC 320. PROGRAMMING LANGUAGES.**
This course will expose the student to a variety of programming languages that are currently accepted among programmers. Criteria for the analysis and evaluation of programming languages will be the focus of this course. Includes an examination of the theory of languages and techniques of compiling including grammars, syntax, semantics, scanners, symbol tables, parsing, and code generation. Competency: Public Speaking. Prerequisite: CISC 210. Offered on demand.

**CISC 322. BUSINESS PROGRAMMING.**
Concepts and methods of object oriented program development with Visual Basic as applied to modern business applications. Topics include procedures, functions, forms, ActiveX controls, files, graphical data display, Object Linking and Embedding, Dynamic Data Exchange, user interface design, and applications to database software. Students will be expected to complete sev-
eral programming assignments. Competency: Critical Analysis. Prerequisite: CISC 105.

CISC 332. ELECTRONIC COMMERCE.
This course is designed to help students master skills in e-commerce operations. While the course focuses on integrated Web site/database design, special attention will be paid to electronic commerce security, secure electronic commerce transactions, payment infrastructure, and electronic commerce order entry, tracking and fulfillment. Competency: Public Speaking. Prerequisite: CISC 215.

CISC 350. SPECIAL TOPICS IN LANGUAGES.
This course provides students an opportunity to learn computer programming languages not normally offered in other courses. Prerequisite: CISC 210. Offered on demand.

CISC 370. FILE PROCESSING.
This course covers techniques of information storage and retrieval. Students will be introduced to programming efficiency techniques, access methods, debugging techniques and file processing. Competency: Critical Analysis. Prerequisite: CISC 210. Offered every other year.

CISC 410. OPERATING SYSTEMS.
The student will learn the fundamental concepts behind the design of an operating system. Several operating systems will be discussed in terms of process management, memory management, CPU scheduling, and resource management. Competency: Public Speaking. Prerequisite: CISC 370. Offered every other year.

CISC 442. INFORMATION TECHNOLOGY.
This is the capstone course for Information Technology concentration students. This course will highlight strategic and business planning, systems development, and technology implementation. Expertise in database systems, networking, software design, decision sciences, management of technology, human computer interaction, and ethics are applied within a framework of global e-business strategy. A major team-based project demonstrating each of these areas will be required. Competency: Analytical Reading. Prerequisites: Completion of the Information Technology core and Junior standing.

CISC 450. SENIOR PROJECT.
This a capstone course. Emphasis is on development of a computer application through use of the life cycle methodology. Students will develop and implement a complete project from specification to implementation. Competency: Self-Knowledge. Prerequisites: CISC 400 or CISC 410 and permission of instructor. Offered every year.

CISC 451. INTERNSHIP IN COMPUTER SCIENCE.
Cooperative program with business and industry to allow the student to gain practical experience in the business world. Supervised on-the-job training in one or more facets of computer science/computer information systems. Competency: Self-Knowledge. Prerequisites: CISC 310 or CISC 320 and permission of instructor. Offered every year.

EDUCATION

The mission of professional education programs at Tusculum College is to prepare teachers who are committed to excellence in education and who are confident in their abilities to assume leadership as educators and citizens in the communities where they live and work. To this end, the program continues the College’s focus on civic and intellectual development of the students, while fostering the skills, knowledge, and habits of character vital to those involved in the education of the nation’s next generation of citizens.

1. Civic Development
Tusculum’s education programs lead students to the important role of education in preparing a new generation of citizens with the knowledge, skills, and attitudes they will need to participate effectively in our democracy. These programs accomplish their goals through one-on-one mentoring relationships, collaborative group learning, and course work integrating academic studies, field experiences, and reflection on the web of connections to societal values and public life. The role of the instructor is best described as a facilitator, with the learning focus on process as well as actual course content.

2. Intellectual Development
As prospective educators hone their communications, critical thinking, and other abilities in the Commons courses, the education programs challenge students to apply these abilities in courses with a focus on issues and knowledge needed in the field of education. For example, while competencies in written and spoken English are developed across the curriculum, these skills are specifically extended in the education program to lead students to communicate appropriately with their future professional colleagues, with parents, and with the students with whom they will be interacting daily.

By deliberately maintaining close mentoring relationships, instructors in the education program not only model appropriate behavior for a civic-minded classroom, but are able to challenge each student to strive for high standards of academic achievement and to examine critically his or her personal philosophy of education.

3. Professional Development
Professional development includes the study of current theory and practices in the student’s chosen area(s) of specialization. Field assignments in the community’s schools begin early in the student’s training, and continue throughout all four years of the program, providing a rich experience base valuable in itself while enhancing learning in the student’s academic coursework. Collaborative learning and student/faculty interaction in a climate of concern for the educational and cultural needs of the community broaden students’ perspectives and develop confidence in their ability to join the ranks of professional educators.

In addition to the college competencies required of all students for graduation, the education program seeks to develop additional, more specialized competencies as listed below.

Foundation
- Ability to focus the FOUNDATION competencies required by the College in specific types of interaction crucial to teaching
success, such as teacher-student, teacher-teacher, teacher-administrator, teacher-parent, and teacher-general public.

Specific Knowledge and Skills and Practice of Virtue
- Ability to allow the skills, attitudes, and habits of character developed though the College’s curriculum and community life to form one’s teaching practices while maintaining the open-mindedness and critical inquiry needed as a model for the nation’s young people in developing civic virtue.

Professional Vision
- Ability to apply knowledge gained in an area of specialization, such as Science, Fine Arts, Early Childhood, etc., by leading students to productive engagement with the subject matter and demonstrating the practical connections to life experience.
- Ability to develop a creative interrelationship with grade levels of education and with fields of study other than the student’s own chosen area(s).
- Ability to function in accord with the legal and ethical responsibilities of the education profession.
- Awareness of the role of formal education in
  a. preparing students for effective participation in the world of work and family formation,
  b. developing in students the abilities needed for active participation as citizens in a democracy, thus
  c. laying the groundwork for the preservation and improvement of society.

Admission to Teacher Education
Admission to Tusculum College does not automatically admit a student to teacher education. Information pertaining to admission to the teacher education program follows. While advisors and advisees should work closely to follow the professional course sequence, it is the student’s responsibility to make the necessary applications and to meet requirements and other specified deadlines.

Background Checks
Beginning with the fall of 2007, all students who will be participating in practicum experiences are being asked to be fingerprinted and have background checks. Tennessee state law dictates that all persons who have contact with children in grades PreK-12 through the public school system must have an appropriate background check conducted by TBI. All students must submit this information before they can be screened for admission into the Licensure Program. See the Education Department personnel for information about this process.

Note: The Education Department will accept background check results that have been completed within the past three years, provided the student is presently employed or affiliated with the organization that initially required the background check. Transfer students may submit results completed within the past calendar year required for Education courses taken at other colleges.

1. Initial Admission to the Teacher Education Program
A formal application for initial admission to the teacher education program should be filed as soon as the student has completed EDUC 200, History, Philosophy, and Principles of Education. This may occur as early as the second semester of the freshman year, and should be no later than the second semester of the sophomore year. Students wishing to transfer from another institution to the Teacher Education Program at Tusculum College should immediately make their intentions known to the Director of Compliance. The Compliance Director will suggest the appropriate time to make formal application for admission to Teacher Education. Application forms may be obtained from the education program office in the Charles Oliver Gray Building.

When a student applies to Teacher Education, a file is set up, containing information relevant to the student’s candidacy. In order to be fully admitted to the education program, a candidate must:

A. Be a registered student at Tusculum College.
B. Meet one of the following:
   1. Have a composite ACT score of 22 or higher or a combined recentered SAT score of 1020 or higher.
   2. Pass Reading, Writing, and Math sections of the PPST.
C. Complete SPED 101 and EDUC 200.
D. Have a G.P.A. of 2.5 or above on a four (4) point scale.
E. Demonstrate proficiency in oral and written communication. The written proficiency is accomplished by completing an essay on the role of education in a democratic society or a significant question regarding the candidate’s chosen major produced in a proctored setting and meeting the Level 2 “Cold Sample” criteria.
F. Have written recommendations from two full-time faculty members: at least one from the major and/or one from general education.
G. Have apparent good mental and physical health, with evidence that any handicaps present will not impair the candidate’s effectiveness as a teacher.
H. Receive approval from the Teacher Education Screening Committee. Items A-G must be completed prior to applying for screening.

Teacher Education Screening Committee
The Screening Committee is composed of at least one member of the student’s major field, two members of the professional education faculty, and at least one or more members of the regular faculty. The meetings of the committee are open to all faculty members. The committee may invite specific individuals from the College community to assist in reaching decisions regarding candidates.

The committee meets as needed throughout the academic year and has jurisdiction regarding who is allowed admission to the education program, regarding who is allowed to student teach, for hearing administrative appeals within the education program (academic appeals are heard by the Admissions and Standards Committee), and exercises an advisory role with respect to education program curriculum and operation.

When the candidate has satisfactorily completed items A-G, listed above, written application is made to the committee. The application materials include documentation of completion of items A-G.

The committee will review the materials and reach a decision regarding the candidate’s admission to the program. Both the content and quality of responses have a significant influence in the candidate’s admission to the program. The committee interviews each candidate for oral proficiency in explaining auto-
biographical information and their self-assessment of strengths and weaknesses to be addressed while preparing to become a professional educator. Following the interview, the committee makes a final decision, and written notification of the committee’s decision will be sent to the candidate’s address within five working days. If the screening committee denies the application, the letter will include reasons for the denial. The candidate may appeal, in writing, to the education program coordinator stating the grounds that he/she believes warrant reconsideration. The program coordinator will determine whether reconsideration is warranted. Approval from the committee and admission to the teacher education programs are prerequisite for enrolling in the Enhanced Student Teaching courses.

The Pre-Professional Skills Test (PPST)

The PPST must be successfully completed by all candidates for teacher education, unless the candidate is exempted as a result of adequate ACT or SAT test scores. The test may be taken at any scheduled test date during the year at any official test site or by computer at an approved site when the site is administering the test. There is no prerequisite for taking the test. Contact the education program office for information about test dates, sites, and registration deadlines.

There is a substantial fee for taking the test, which must be paid by the candidate. Students meeting criteria may apply for assistance with the test fees. Application for financial assistance should be made well in advance of the scheduled test date. Contact the financial aid office for details.

Students should take the PPST no later than the conclusion of the freshman year. The PPST must be successfully completed prior to screening for admission to the education program. Transfer students should take the test by the time of their admission to the College.

A student who fails a portion of the PPST after having taken it twice may appeal in writing to the Teacher Education Screening Committee, stating the grounds that he/she believes warrant exemption from the requirement. The Committee will normally grant the appeal if the appellant has earned Level 2 Competency in the appropriate area.

Retention in Teacher Education

After an applicant has been accepted into teacher education, that student’s progress will be reviewed each semester by members of the education department. Frequently, time is spent in the monthly staff meetings discussing the progress of students. The applicant will continue to coordinate course scheduling with the academic advisor and/or the Director of Compliance.

Retention in the teacher education program is contingent on the successful completion of courses and program requirements and maintenance of the academic standard, including progress in the competency program, required for initial admission to the program.

Specifically, all students having been admitted to the teacher education program must maintain a G.P.A. of 2.5. Students whose cumulative G.P.A. falls below 2.5 on an enrollment of at least 12 semester hours during any semester will be placed on departmental probation for the next semester. During the probationary semester, the student must achieve at least a 2.5 cumulative G.P.A. on an enrollment of at least 12 semester hours. Failure to achieve the required G.P.A. during the probationary semester will result in automatic dismissal from the teacher education program. Teacher licensure candidates are reminded that a G.P.A. of 2.75 in the major and in the professional education core is required for admission to Student Teaching. A Teacher Education candidate is expected to maintain consistent personal representation of the Mission of Tusculum College and the Mission for the Professional Education Programs.

Students who otherwise fail to maintain consistent pre-professional performance as indicated above are subject to action from the Screening Committee, which may place conditions on the candidate’s continuation in the program or may remove the candidate from the teacher licensure program altogether.

Student Teaching

1. Description of Enhanced Student Teaching

The enhanced student teaching experience is a planned professional semester that includes full days of teaching and observation under the supervision and guidance of Tusculum College faculty and local school district personnel. The student teacher will spend one complete semester (a minimum of 15 consecutive weeks) in student teaching activities.

This enhanced student teaching will focus on experience in at least two different classrooms, which may be at different schools. Students will have two placements within their certification levels. Elementary student teachers will have a lower and upper elementary placement. Persons seeking secondary licensure will gain practice at both middle school and high school levels. Persons being certified K-12 will have an elementary and high school placement.

Sites for placement of student teachers are selected by the College Student Teacher Director in conjunction with the personnel from the local school systems. Students are allowed to request placements which are considered when requesting placements from local school systems. Teachers selected as supervising teachers must meet the following criteria:

a. Hold current state teaching certification for the grade level and/or subject to which the teacher is assigned.

b. Have a minimum of three years’ teaching experience.

c. Be identified by administrators as competent or master teacher.

d. Be willing to assume mentor roles.

e. Demonstrate ability to perform as a team member.

The supervising teacher, in conjunction with the College Coordinator, assumes supervisory responsibilities by providing the student with teaching experiences, continuous informal feedback, and systematic formative and summative evaluations. Each student teacher has on-site visits from the college supervisor weekly.

The student teacher makes available to the supervising teacher a copy of the Student Teacher Handbook. This document details the enhanced student teaching program including responsibilities of the supervising teacher, the student, and the college coordinator.

Higher education faculty who serve as College Coordinators for student teachers are selected according to the following requirements:

a. Considered by the institution to be highly competent role models.

b. Have experience at the grade level(s) which they supervise.
c. Demonstrate effective teaching strategies and methods.
d. Express and demonstrate willingness to assume the roles of mentors.
e. Stay current with the latest research on teaching and learning.
f. Be effective team members and effectively facilitate professional learning experiences which include pedagogical instruction.

During the first week of the student teaching semester, students are inducted into enhanced student teaching by attending a series of seminars on topics such as writing lesson plans, discipline techniques, and course requirements. Further bi-weekly seminars address topics relevant to the personal and professional growth of student teachers.

The College calendar will normally define the beginning and ending of the enhanced student teaching, but the student teaching program may be coordinated with the schedule of the local school system.

The performance of student teachers will be evaluated by supervising practitioners in the local school system and coordinators from Tusculum College. College coordinators are evaluated by the student teacher during the final phase of the student teaching experience. Student evaluations are kept on file in the office of teacher education department.

2. Admission to Student Teaching

Enhanced student teaching is the experience that concludes the pre-service education of prospective teachers. Application must be made to the Director of Student Teaching no later than January 15th or September 15th of the semester prior to the anticipated student teaching semester. The following criteria must be met by all students before they will be allowed to student teach:

a. Completion of required coursework.
b. A cumulative G.P.A. of 2.75 or higher in the major.
c. A cumulative G.P.A. of 2.75 or higher in professional education courses.
d. Approval of the faculty in the major.
e. Approval of the Screening Committee. Note that items b - d must be completed prior to approval by the committee.

Written notification of the committee’s decision will be sent to the candidate’s address within five working days. If the Screening Committee denies the application, the letter will include reasons for the denial. The candidate may appeal, in writing, to the Director of Student Teaching stating the grounds that he/she believes warrant reconsideration. The Director will determine whether reconsideration is warranted. If so, the Director will return the matter to the Screening Committee, whose decision will be final.

NOTES

a. Thirty-two of the last 36 hours before graduation must be taken at Tusculum College.
b. No other courses may be taken by student teachers. Enrollment in any course at an outside institution during the student teaching semester will not be transferred into Tusculum College for credit toward the degree program as this would violate College policy.
c. Students who have already completed a Bachelor’s degree, either at Tusculum College or elsewhere, who wish to add teaching licensure to that degree must meet all applicable requirements regarding admission to the education program, required coursework, and admission to student teaching.
d. A grade of “C” or better must be obtained in Student Teaching before a teaching license may be requested.
e. According to state requirements, students must successfully complete both placements in the professional semester in order to be recommended for licensure. If a student successfully completes one placement and cannot complete the other during the professional semester, the professional semester must be repeated to qualify for a license.

Special Policies for Student Teaching and Athletes

Students involved in intercollegiate athletics at Tusculum College are expected to plan their schedules so as not to enter student teaching during the semester in which their sport is in season. In the case of basketball and golf, which operate in both semesters, students are expected to arrange for student teaching during the fall semester, to reduce the possibility of conflict with post-season play in spring. Students cannot be excused from student teaching to participate in regular season athletic events. All such schedule conflicts must be resolved in favor of the student teaching responsibilities.

In rare cases it may be unavoidable to student teach during a semester in which post-season play is possible. In such cases the student-athlete must make arrangements in the semester prior to the student teaching for possible absence during an extended post-season tournament trip. These arrangements include:

1. Official notification to the Director of Student Teaching of the possibility of post-season play, including the dates for such tournament play.
2. Endorsement from the Athletic Director’s office.
3. Approval from the Tusculum College Education Department.
4. Approval from the supervising teacher and school principal.
5. Agreement by the student to any makeup scheduling indicated by the Director of Student Teaching.

NOTE: The arrangements indicated above must be made in advance. Under no circumstances will a student be excused for post-season play who has not made the appropriate arrangements in advance. The Teacher Education Screening Committee will not hear appeals from students who fail to make arrangements in advance.

The Teacher Education Advisory Council

The Teacher Education Advisory Council provides a forum on campus to ensure that relevant parties will be available to give input on any decision involving the requirements and objectives of the professional education programs at Tusculum College.

The function of the Advisory Council is to study and to make recommendations concerning programs in the teacher training program. Recommendations for curriculum change that may arise in the Teacher Education Advisory Council follow the standard procedure: development of proposal by departmental faculty, approval by the Programs and Policies Committee, and finally, approval by the College faculty. The Advisory Council serves as a liaison between the Education Department and all departments that train students for a career in teaching.

Teacher Licensure Programs

Tusculum College offers four categories of teacher licensure
programs:
1. Pre-Secondary Education—Human Growth and Learning
   Major
   Early Childhood Education PreK-3
   Elementary Education K-6
   Middle Grades Education 4-8 Licensure
2. Secondary Education (refer to the specific disciplines for program requirements)
   Biology 7-12
   Business 7-12
   English 7-12
   Government 7-12
   History 7-12
   Mathematics 7-12
   Psychology 9-12
3. K-12 Education (refer to the specific disciplines for program requirements)
   Physical Education K-12
   Visual Arts K-12
4. Special Education (refer to Special Education section of the catalog for program requirements)
   Special Education Modified and Comprehensive K-12
   Special Education Early Childhood
   Special Education Comprehensive K-12
All of Tusculum College’s teacher licensure programs are enhanced by the focused calendar which facilitates early and frequent placement of education students in practicum experiences in area schools. These experiences enrich the knowledge gained in classroom work, and more fully prepare students for their student teaching. Many students discover vital new interests in various aspects of education as a result of practicum experiences; sometimes confirming their choice of major, or in other cases, leading the students to select a different major more closely related to their interests.

The goal of the licensure programs in Education is to enhance students’ abilities to understand the stages of human development and to integrate knowledge from a variety of disciplines as appropriate for aiding in the growth of fellow human beings.

Objectives:
1. Demonstrate knowledge of the stages and processes of human growth and learning, with particular emphasis on pre-high school ages.
2. Develop communications, planning, and other skills needed to facilitate progressive growth in other human beings.
3. Develop strategies appropriate for life-long learning, and the ability to foster similar abilities in others.
4. Develop knowledge of the actual subject matter appropriate to be learned by those of pre-high school age.

1. Early Childhood Education Licensure
   This program is comprised of 144 semester hours, as follows:
   Major 47
   Professional Education 36
   General Education 61

   HGLN 337 Assessment and Evaluation
   HGLN 340 Learning Environments EC
   MATH 425 Mathematics in the Real World
   PHED 360 Curriculum Design and Teaching Methods for Elementary School Education
   SPED 101 Survey of the Regular and Special Populations Within the School Environment
   SPED 354 Strategies for the Early Childhood Special Needs Students
   VISA 330 The Arts and Childhood Learning
   Professional Education
   EDUC 200 History, Philosophy, and Principles of Education
   EDCU 320 Classroom Discipline and Management
   EDUC 416 Teaching Reading
   HGLN 417 Literacy Through Language Arts
   SPED 451 Educating the Gifted Students
   EDUC 452 Student Teaching Seminar
   EDUC 453, 454 Enhanced Student Teaching (Pre-K)(K-3)

   General Education
   *CISC 100 Computer as a Tool
   CISC 216 Computer as Classroom Tool
   **ENGL 100 Introduction to College Writing
   ENGL 110 Composition and Rhetoric
   ENGL 111 Composition, Rhetoric, and Research
   GEOG 200 Introduction to Geography
   HIST 101 or 102 The West and the World I or II
   HIST 201 or 202 US History I or II
   **MATH 101 Basic Math
   MATH 102 College Algebra
   OREN 105 Tusculum Experience
   PHED 115 Community CPR, First Aid, and Safety
   PHED 260 Methods for School Health Teachers
   POLS 380 Political Traditions of the West
   PSYC 101 Essentials of Psychology
   PSYC 200 Developmental Psychology
   PSYC 305 Educational Psychology
   RELG 330 The Hebrew and Christian Traditions
   SOCI 101 Principles and Social Institutions
   Choose One of the Following:
   MUSC 101 Introduction to Western Music
   THEA 104 Introduction to Theater
   VISA 110 Introduction to Art
   VISA 204 Ancient Through Renaissance Art
   VISA 208 Baroque Through Modern Art
   * Test opportunity is available.
   ** Not required if ACT/SAT scores merit exemption.

   Human Growth and Learning - Early Childhood Education Minor—PreK-4 or PreK-3
   EDUC 307 Language Development/Emergent Literacy
   ENGL 335 Children’s Literature
   HGLN 337 Assessment and Evaluation
   HGLN 340 Learning Environments in Early Childhood
   EDUC 416 Teaching Reading
   HGLN 417 Literacy Through Language Arts
   PHED 360 Curriculum Design/Methods in Elementary PE
   SPED 354 Strategies for the Early Childhood Special Needs Students
   SPED 451 Educating the Gifted Student
VISA 330 The Arts and Childhood Learning
TOTAL: 39 Semester Hours

The Early Childhood Education minor may be added to any existing School of Education Major with Licensure. All listed courses are required for the minor; however, some course requirements may be accomplished through preparation for a particular major.

2. Elementary Education Licensure (K-6)
This program is comprised of 136 semester hours, as follows:

- Major 39
- Professional Education 32
- General Education 65

Human Growth and Learning Major Curriculum
BIOL 100 Introductory Biology
ENGL 335 Children’s Literature
EVSC 425 Physical and Environmental Science Concepts
HGLN 341 Learning Environments K-6
HGLN 417 Literacy Through Language Arts
MATH 425 Mathematical Applications in the Real World
PHED 360 Curriculum Design and Teaching Methods for Elementary School Physical Education
SPED 101 Survey of the Regular and Special Populations Within the School Environment
VISA 330 The Arts and Childhood Learning

Students needing additional hours may choose one of the following:

- ENGL 213 British Literature I
- ENGL 214 American Literature I
- ENGL 225 World Literature
- SPED 352 Developmental Disabilities
- SPED 354 Strategies for the Early Childhood Special Needs Students
- SPED 451 Educating the Gifted Student
- SPED 455 The Consulting Teacher Model

Or another approved Humanities course

Professional Education Curriculum
EDUC 416 Teaching Reading
EVSC 425 Physical and Environmental Science
HGLN 341 Learning Environments
HGLN 417 Literacy Through Language Arts
MATH 425 Mathematics Applications in the Real World

Choose two areas:

- Language Arts
  - ENGL 213 or 223 British Literature I or II
  - ENGL 214 or 224 American Literature I or II
- Math (16 hours):
  - MATH 103 Trigonometry
  - MATH 111 Finite Math
  - MATH 205 Geometry
  - MATH 215 Statistics

*Test opportunity available.
**Not required if ACT/SAT scores merit exemption.

Human Growth and Learning—Elementary Education Minor
Grades K-6
EDUC 416 Teaching Reading
ENGL 335 Children’s Literature
EVSC 425 Physical and Environmental Science Concepts
HGLN 337 Assessment and Evaluation
HGLN 341 Learning Environments K-8
HGLN 417 Literacy Through Language Arts
MATH 425 Mathematics Applications in the Real World
PHED 360 Curriculum Design/Methods Elem. (3 hrs.)
PHED 115 First Aid & CPR (1 hr.)
VISA 330 The Arts and Childhood Learning
TOTAL: 36 semester hours

The Elementary Education minor may be added to any existing School of Education Major with Licensure. All listed courses are required for the minor; however, some course requirements may be accomplished through preparation for a particular major.

3. Middle Grades Education 4-8 Licensure
This program is comprised of 145-149 hours.

- Major Core 16
- Subject Areas 32-36
- Professional Education 32
- General Education 65

Major Core
EDUC 416 Teaching Reading
EVSC 425 Physical and Environmental Science
HGLN 341 Learning Environments
MATH 425 Mathematics Applications for the Real World

Choose two areas:

Language Arts (16 hours—choose any 2 of the first 3 courses):
- ENGL 213 or 223 British Literature I or II
- ENGL 214 or 224 American Literature I or II
- ENGL 225 World Literature
- ENGL 325 Adolescent Literature
- HGLN 417 Literacy Through Language Arts

Math (16 hours):
- MATH 103 Trigonometry
- MATH 111 Finite Math
- MATH 205 Geometry
- MATH 215 Statistics
This course is designed to introduce preservice teachers to the historical, philosophical, and cultural foundations of the American educational system. Additionally, the course embodies the promotion of an understanding of the role of teachers on all levels enabling preservice teachers to begin formulating a personal philosophy of education. Practicum experiences included. Competency: Writing. Prerequisites: SPED 101 and PSYC 101. Offered every year.

EDUC 301. TESOL CURRICULUM I.
This course provides a working knowledge of the basic theories and instructional models and materials for teaching skills in reading, writing, speaking, and listening to students who are learning English as a second language in the classroom setting at the PreK-5 level. Issues such as identification of students, testing, and policies regarding inclusion will be discussed. The pre-service teacher will demonstrate ability to plan, implement, and assess curriculum that includes current technology, materials, and community resources, giving special consideration to cultural, psycholinguistic and sociolinguistic variables that affect second language learning. Preservice teachers will also complete a practicum of at least 20 hours in an English as a Second Language classroom setting at the elementary level. Competency: Reading. Prerequisite: admission to the Teacher Education Program.

EDUC 302. TESOL CURRICULUM II.
This course provides a working knowledge of the basic theories and instructional models and materials for teaching skills in reading, writing, speaking, and listening to students who are learning English as a second language in the classroom setting at the 6-12/adult level. Issues such as identification of students, testing, and policies regarding inclusion will be discussed. The pre-service teacher will demonstrate ability to plan, implement, and assess curriculum that includes current technology, materials, and community resources, giving special consideration to cultural, psycholinguistic and sociolinguistic variables that affect second language learning. Students will also complete a practicum of at least 20 hours in an English as a Second Language classroom setting at the 6-12/adult level. Competency: Reading. Prerequisite: admission to Teacher Education Program.

EDUC 307. LANGUAGE DEVELOPMENT AND EMERGENT LITERACY.
This course is designed for preservice teachers and others interested in premedical studies, pediatrics, social work, and those interested in developing sound parenting skills. The focus of this course is on the child from birth to eight years of age. Students will study key concepts of language development and instruction. In addition, preservice teachers will engage in the study of issues related to language problems experienced by children from culturally diverse backgrounds. Competency: Writing. Prerequisite: PSYC 305. Offered every other year.

EDUC 320. CLASSROOM DISCIPLINE AND MANAGEMENT.
This course is designed to help future teachers to thoughtfully examine various approaches to classroom discipline and management, and to ensure that the discipline approach is consistent with the overall instructional program. Emphasis is placed on ways to make informal decisions concerning the various approaches to discipline and properly managing various aspects
of the classroom; i.e., teacher-student relationships, personal philosophy, the understanding of the assumptions that undergird various discipline approaches, the physical environment, knowledge of theory and practical applications for classroom discipline and management, so that students will stay on task and maintain interest in learning. Competency: Analytical Reading. Prerequisites: PSYC 305 and EDUC 200. Offered every year.

EDUC 342. LEARNING ENVIRONMENTS 7-12.
This course is designed to prepare the 7-12 pre-service teacher to apply curriculum principles and techniques in various learning environments with students of various needs and abilities. The preservice teacher will demonstrate ability to plan, implement, and assess curriculum that includes current technology, materials, and community resources. Using information from informal assessment techniques, the pre-service teacher will make sound instructional decisions. The planned curriculum will reflect the preservice teacher’s understanding of the psychological and social development of the primary and preadolescent student. Using methods such as cooperative learning, the pre-service teacher will develop strategies that foster the inclusion of special needs students and students of different cultures. The preservice teacher will demonstrate ability to plan and teach both skills and content within the 7-12 area. Included in this course will be a review of the philosophical underpinnings that drive education in grades 7-12. Competency: Public Speaking. Prerequisites: PSYC 305 and admission to the teacher education program. Offered every year.

EDUC 416. TEACHING READING.
This course provides a working knowledge of the basic theories, instructional models, and materials for teaching reading in grades K-8. Emphasis will be placed on developing understanding of the reading process and the teaching of reading as a keystone within PreK-8 levels. Preservice teachers will develop an understanding of the causes of reading difficulties and use this knowledge in planning and assessing literacy skills of an individual student. Practicum experiences included. Competency: Analytical Reading. Prerequisites: EDUC 200, PSYC 305, and admission to the Teacher Education Program. Offered every year.

EDUC 419. CONTENT AREA READING.
This course is designed to provide the preservice teachers the opportunities to develop a working knowledge of the instructional methods, study strategies, materials, and the evaluation tools for instruction in Content Area Reading in grades 7-12. Competency: Analytical Reading. Prerequisites: EDUC 200 and PSYC 305, admission to the Teacher Education Program.

EDUC 452. STUDENT TEACHING SEMINAR.
This course begins with two all-day sessions prior to student teaching and continues to meet every other week for the entire semester. Student teachers will consider classroom management techniques, pertinent problems, issues, and policies relative to student teaching and application for the Specialty Areas on the Praxis II. Bi-weekly sessions will be used for check-ups with a question-and-answer format. Student teacher research presented the last two days at the end of the semester will analyze global issues in education and provide information on other countries’ educational systems. Passing test scores on all areas of the Praxis II will be required for completion of the course. Competencies: Critical Analysis and Public Speaking.

EDUC 453. ENHANCED STUDENT TEACHING (PREK-K).
6 semester hours.
Full-time teaching experience in an accredited school under the direction of a selected classroom teacher and a campus supervisor.

EDUC 454. ENHANCED STUDENT TEACHING (K-3).
6 semester hours.
Full-time teaching experience in an accredited school under the direction of a selected classroom teacher and a campus supervisor.

EDUC 455. ENHANCED STUDENT TEACHING (4-6).
6 semester hours.
Full-time teaching experience in an accredited school under the direction of a selected classroom teacher and a campus supervisor.

EDUC 456. ENHANCED STUDENT TEACHING (9-12).
(7 and a half weeks) 6 semester hours.
This course offers a full-time teaching experience in an accredited school under the direction of a selected classroom teacher, a Tusculum College Coordinator, and the Director of Student Teaching. Students are required to observe the same schedule as that prescribed for the regular classroom teacher and are expected to participate in the same activities as the classroom teacher. Each preservice teacher is required to complete a minimum of two placements during the 15 weeks of the full-time student teaching experience — this placement will be one half of that requirement for all students except Psychology majors who will complete two separate placements in this course for a total of 12 hours.

EDUC 457. ENHANCED STUDENT TEACHING (K-12).
12 semester hours.
Full-time teaching experience in two regular placements (elementary school and high school grades) in accredited schools under the direction of selected classroom teachers and a campus supervisor.

EDUC 458. ENHANCED STUDENT TEACHING (7-8).
6 semester hours.
This course offers a full-time teaching experience in an accredited school under the direction of a selected classroom teacher, a Tusculum College Coordinator, and the Director of Student Teaching. Students are required to observe the same schedule as that prescribed for the regular classroom teacher and are expected to participate in the same activities as the classroom teacher. Each preservice teacher is required to complete a minimum of two placements during the 15 weeks of the full-time teaching experience — this placement will be one half of that requirement.

EDUC 480. SENIOR SEMINAR ON GLOBAL ISSUES.
In this course, students will develop a greater appreciation for the complexity of world issues and will consider the possibility of a global common good. Students will become more responsible global citizens by seeking information about international issues from multiple, diverse sources and will learn to integrate that
The English major is designed to prepare students for graduate study in the field; those seeking a foundation for postgraduate work or study in fields related to English (e.g., education, journalism, communications, editing and publishing, law, theater); and those who want a humanistic base in reading, thinking, and writing for a liberal arts education.

English is an excellent choice for students interested in education, business, law, publishing, and social work. As majors in English at Tusculum College, students will have access to a varied group of experts engaged in exploring different aspects of literature and writing. The block program gives the faculty time to work with students on their skills and allows the faculty to offer special projects and field experiences (like trips to special libraries and to art events).

The English Department also supports the mission of citizenship and service through its projects and through the study of ethical and social issues in literature and writing.

The English Program offers students a choice of four concentrations:

- Literature
- Creative Writing
- Journalism and Professional Writing
- Teachers Licensure in English

The English Program at Tusculum College also offers the following options for minors:

- Journalism
- Literature
- Creative Writing

**English Major: Literature Concentration**

ENGL 213 British Literature I
ENGL 214 American Literature I
ENGL 223 British Literature II
ENGL 224 American Literature II
ENGL 225 World Literature
ENGL 314 19th Century British Literature
ENGL 332 Genres of Shakespeare
ENGL 402 Seminar in Literature & Society

Choose one of the following:

ENGL 120 Intro to Creative Writing
JOUR 118 Intro to Journalism

**Choose two of the following:**

- ENGL 233 Writing in Organizations
- ENGL 312 Editing for Publication
- ENGL 338 Creative Nonfiction

**Choose three of the following:**

- ENGL 226 Introduction to Literary Theory and Genres
- ENGL 227 Appalachian Literature
- ENGL 228 African American Literature

**TOTAL:** 64 semester hours

**English Major: Creative Writing Concentration**

ENGL 114 Journal Production (1 credit, 4 hours required)
ENGL 120 Introduction to Creative Writing
ENGL 230 Writing for the Screen
ENGL 240 Intermediate Creative Writing Workshop
ENGL 312 Editing for Publication
ENGL 320 Advanced Poetry Workshop
ENGL 321 Advanced Fiction Workshop
ENGL 338 Creative Nonfiction
ENGL 420 Senior Seminar in Creative Writing

Choose two of the following:

ENGL 233 Writing in Organizations
JOUR 118 Introduction to Journalism
JOUR 218 Specialized Journalism

**Choose two of the following:**

ENGL 223 British Literature II
ENGL 224 American Literature II
ENGL 225 World Literature
ENGL 226 Introduction to Literary Genres
ENGL 227 Appalachian Literature
ENGL 228 African American Literature

Choose two of the following:

- ENGL 300 Women in Literature
- ENGL 303 Classical Mythology
- ENGL 328 Concepts of Language

**TOTAL:** 60 semester hours

**English Major: Journalism and Professional Writing Concentration**

ENGL 233 Writing in Organizations
ENGL 312 Editing for Publication
ENGL 338 Creative Nonfiction
ENGL 449 Senior Seminar

**JOUR 113 Newspaper Production**

(A total of 4 production hours required for graduation)

JOUR 118 Introduction to Journalism
JOUR 218 Specialized Journalism
JOUR 452 Internship in Writing & Editing
MASS 221 Introduction to Mass Media
MASS 303 Media and Society
Choose two of the following:
VISA 111 Basic Design I
VISA 217 Graphic Design I
VISA 237 Web Design
VISA 319 Publication Design
Choose one of the following:
MASS 215 Basic Photography
MASS 311 Photojournalism
MASS 315 Creative Photography
Choose one of the following:
ENGL 225 World Literature
ENGL 228 African American Literature
ENGL 227 Appalachian Literature
Choose one of the following:
ENGL 120 Introduction to Creative Writing
ENGL 230 Writing for the Screen
TOTAL: 60 semester hours

Teacher Licensure in English
The following program leads to licensure for teaching English in grades 7-12 and is comprised of 145 semester hours, as follows:

Major 48
Professional Education 36
General Education 61

Major Curriculum
EDUC 419 Content Area Reading
ENGL 213 British Literature I
ENGL 223 British Literature II
ENGL 224 American Literature II
ENGL 226 Introduction to Literary Theory and Genres
ENGL 402 Seminar in Literature and Society
ENGL 325 Adolescent Literature
ENGL 328 Concepts of Language
ENGL 332 Genres of Shakespeare
SPAN 101 Elementary Spanish I
SPAN 102 Elementary Spanish II
Choose one of the following:
ENGL 120 Introduction to Creative Writing
ENGL 240 Intermediate Creative Writing
JOUR 118 Introduction to Journalism

Professional Education Curriculum
EDUC 200 History, Philosophy and Principles of Education
EDUC 320 Classroom Discipline and Management
HGLN 337 Assessment and Evaluation
EDUC 342 Learning Environments K-12
EDUC 452 Student Teaching Seminar
EDUC 456 Enhanced Student Teaching (9-12)
EDUC 458 Enhanced Student Teaching (7-8)
SPED 101 Survey of the Regular and Special Populations
Within the School Environment

General Education Curriculum
*CISC 100 Computer as a Tool
CISC 216 Computer as a Classroom Support System
**ENGL 100 Introduction to College Writing
ENGL 110 Composition and Rhetoric
ENGL 111 Composition, Rhetoric and Research
EVSC 111 Environmental Science
HIST 101 or 102 The West and the World I or II
ENGL 214 American Literature I
OREN 105 Tusculum Experience
**MATH 101 Basic Mathematics
MATH 102 College Algebra
PHED 201 Foundations of Physical Fitness and Wellness
POLS 380 The Political Traditions of the West
PSYC 101 Essentials of Psychology
PSYC 200 Developmental Psychology
PSYC 305 Educational Psychology
RELG 330 The Hebrew and Christian Traditions
ENGL 225 World Literature
Choose one of the following courses:
MUSC 101 Introduction to Western Music
THEA 104 Introduction to Theatre
VISA 110 Introduction to Art
VISA 204 Ancient through Renaissance Art
VISA 208 Baroque through Modern Art
*Test opportunity available.
**Not required if ACT/SAT scores merit exemption.

English Education Minor
Grades 7-12
ENGL 224 American Literature II
ENGL 225 World Literature
ENGL 226 Introduction to Literary Genres
ENGL 325 Adolescent Literature
ENGL 328 Concepts of Language
ENGL 120 Introduction to Creative Writing or
ENGL 233 Writing in Organizations
EDUC 341 Learning Environments K-6 or
EDUC 342 Learning Environments 7-12
TOTAL: 28 semester hours

The English minor may be added to any existing School of Education Major with Licensure. All listed courses are required for the minor; however, some course requirements may be accomplished through preparation for a particular major.

Literature Minor
ENGL 223 British Literature II
ENGL 224 American Literature II
Choose one of the following:
ENGL 120 Introduction to Creative Writing
ENGL 233 Writing in Organizations
Choose two additional courses, including at least one 300-level course.
TOTAL: 20 semester hours

Journalism Minor
JOUR 118 Introduction to Journalism
JOUR 218 Specialized Journalism
ENGL 339 Creative Nonfiction
JOUR 452 Internship in Professional Writing and Editing
Choose one of the following:
MASS 215 Basic Photography
MASS 311 Photojournalism
VISA 217 Graphic Design I
TOTAL: 20 semester hours
Creative Writing Minor
ENGL 120 Introduction to Creative Writing
ENGL 233 Writing in Organizations
JOUR 218 Specialized Journalism
Choose two of the following:
ENGL 230 Writing for the Screen
ENGL 240 Intermediate Creative Writing Workshop
ENGL 320 Advanced Poetry Workshop
ENGL 321 Advanced Fiction Workshop
JOUR 318 Specialized Journalism
TOTAL: 20 semester hours

Course Descriptions
ENGL 099/CMNS 099. BASIC WRITING.
This course focuses on developmental-level writing areas: basic grammar, mechanics, and paper organization. Students will read and explore themes of works from various disciplines. The course is offered to serve students who do not meet the minimum standards for college-level writing courses. Offered as needed. (Four hours of institutional credit - hours do not apply toward graduation.)

ENGL 100. INTRODUCTION TO COLLEGE WRITING.
Following a review of paragraph development, organizing principles, and the five-paragraph essay, students will develop ideas in more complex forms. Attention will be paid to grammar and mechanics throughout the class. Successful completion of the course prepares students for English 110. Offered every year. (Four hours of institutional credit - hours do not apply toward graduation.)

ENGL 110/CMNS 110. COMPOSITION AND RHETORIC.
This course focuses on the college essay as a tool for argument while exploring interdisciplinary materials related to citizenship and community. Essays allow students to develop theses, organization, and supporting evidence for argumentative papers. A review of grammar and mechanics is provided as needed. Successful performance in this course prepares students for ENGL 111 and other college courses. Prerequisite: Students are placed into ENGL 110 based on ACT/SAT test scores. Students in ENGL 099/100 must pass an exit exam for either class to enroll in ENGL 110. Competency: Writing.

ENGL 111/CMNS 112. COMPOSITION, RESEARCH AND RHETORIC.
The primary purpose of this course is to conduct research and write an argumentative college-level research paper. Students examine interdisciplinary materials related to citizenship and community for ideas and information relevant to their research. Students focus on thesis development, source selection and evaluation, supporting evidence, organization, and proper documentation for research papers. Prerequisite: ENGL 110. Competency: Writing.

ENGH 111. COMPOSITION, RESEARCH AND RHETORIC (HONORS).
This course emphasizes critical reading, writing, and thinking skills needed for effective communication. Students examine interdisciplinary materials for themes related to citizenship and community and formulate oral and written responses. Short essays allow students to focus on thesis development and organization for argumentative papers. Students practice proper documentation of sources in a research paper format. Prerequisites: 26 or higher on the ACT English subscore or 600 or higher on the SAT verbal score, or permission of the instructor. Offered on demand.

JOUR 113. NEWSPAPER PRODUCTION.
A one-credit journalism activity course offering a practicum in newspaper publication. Students enrolled in this course will receive a letter grade according to their attendance and participation in weekly Pioneer meetings and the completion of work as contracted with the journalism coordinator. Competency: Civility. Offered every year. (4-16 credits)

ENGL 114. JOURNAL PRODUCTION.
A one-credit journals publication activity course offering a practicum in journals publication (The Tusculum Review). Students enrolled in this course will receive a letter grade according to their attendance and participation in weekly Tusculum Review meetings and the completion of work as contracted with journal editor. Competency: Writing. Offered every year. (4-16 credits)

JOUR 118. INTRODUCTION TO JOURNALISM.
An introduction to the work of the journalist, this course covers basic news writing, as well as reporting techniques such as interviewing and research. It places a heavy emphasis on writing; students turn in frequent written assignments for instructor and peer feedback in accordance with current journalistic practice. Students will draft and revise news stories of local import for possible publication. Competency: Writing. Offered every year.

ENGL 120. INTRODUCTION TO CREATIVE WRITING.
This workshop-based course is designed for students with an interest in creative writing and completes an early requirement for those pursuing the writing concentration in English. Students participate in a hands-on introduction to the craft of writing poetry and fiction, and they gain experience in close analytical reading of both genres. Other genres, such as creative nonfiction and drama, may be explored. Competency: Self-Knowledge, Analytical Reading, and Writing. Offered every year.

ENGL 200/CMNS 200. ADVANCED COMPOSITION, RESEARCH AND RHETORIC I.
This course serves students who have successfully completed freshman writing courses or demonstrated an equivalent level of skill, but who desire further writing instruction. The course requires that students explore research methods and types of documentation and offers focused practice in using them. Themes related to community and citizenship are emphasized in the readings and assignments for the course. Written assignments for this course include a short, documented, critical essay and a more lengthy research paper with multiple sources. Students select a research topic and develop an individual thesis, from which the research paper and a research presentation evolve. Competency: Writing. Prerequisite: ENGL 111 or permission of the instructor. Offered on demand.
ENGL 201. INTRODUCTION TO WOMEN IN LITERATURE. A survey of women’s issues, concerns, and voices in literature about and by women. Prerequisite: ENGL 110. Competency: Analytical Reading. Offered every other year.

ENGL 203. ENGLISH GRAMMARS AND THE CLASSROOM. This course examines the unique characteristics of the English language. Grammatical issues such as grammatical terminology, prescriptive and descriptive grammar, understanding the rules of Standard English grammar, and writing conventions will be emphasized. The course familiarizes students with bilingual education methods and prepares them to explain the structure of the language to speakers of other languages. Students will design materials to facilitate language success in the classroom. Competency: Writing.

ENGL 213. BRITISH LITERATURE I. Surveys selected works by writers from the British Isles from the medieval period through the 18th century. Works chosen to represent poetry, drama, fiction, and non-fiction. Prerequisite: ENGL 110. Competency: Analytical Reading. Offered every year.

ENGL 214. AMERICAN LITERATURE I. Surveys major works in American literature from the colonial period through Transcendentalism (early nineteenth century). Emphasizes major genres and movements. Prerequisite: ENGL 110. Competency: Critical Analysis. Offered every other year.

JOUR 218. SPECIALIZED JOURNALISM. Discussion and practicum in specific areas of journalism likely to include, but not limited to, feature, culture, travel, nature, opinion, environmental, business, and science writing. Students in the course will look at current professional models in writing, interviewing, and editing practice. This course gives students the opportunity to pursue journalistic sub-genres, especially those common to magazines and feature pages, and to polish subsequent efforts into print-ready, freelance work. Competency: Ethics of Social Responsibility. Prerequisite: JOUR 118 or permission of the instructor. Offered every year.

ENGL 223. BRITISH LITERATURE II. Surveys selected works from the British Isles tradition. Covers 19th century to present. Works chosen to represent poetry, drama, fiction, and non-fiction. Prerequisite: ENGL 110. Competency: Analytical Reading. Offered every year.

ENGL 224. AMERICAN LITERATURE II. Surveys major works in American literature from the Romantic period (nineteenth-century) to the present. Emphasizes major genres and movements. Prerequisite: ENGL 110. Competency: Critical Analysis. Offered every other year.

ENGL 225. WORLD LITERATURE. Examines the traditions of a selection of world literatures in an historical and cultural context. Works are chosen to represent the poetry, drama, and fiction of two or more of the following regions: Russia, Italy, France, Germany, Latin America, Africa, India, Japan, or China. Consideration will be given to the literary and cultural history of each region considered and its contribution to World Literature. Prerequisite: ENGL 100. Competency: Analytical Reading. Offered every other year.

ENGL 226. INTRODUCTION TO LITERARY GENRES. A study of characteristic structures and themes in one or two of the following: tragedy, comedy, or satire, with an additional focus on the historical development of poetry, drama, short fiction, or the novel. The course explores how classical to contemporary texts reflect evolving social values. Prerequisite: ENGL 110. Competency: Critical Analysis. Offered every other year.

ENGL 227. APPALACHIAN LITERATURE. Examines works produced in the Appalachian region. The class considers how social, historical, economic, and aesthetic concerns have combined to create a distinctive literature. The course may require some fieldwork. Prerequisite: ENGL 110. Competency: Writing. Offered every other year.

ENGL 228. AFRICAN AMERICAN LITERATURE. Survey of African American literature from the beginning to the present. Works selected from major genres (fiction, non-fiction, drama, and poetry) and movements (such as the Harlem Renaissance). The course examines how writers such as Wheatley, Douglass, Hughes, Morrison, and others have influenced and been influenced by culture, history, and literary tradition. The course may focus additionally on Southern African American literary history. Prerequisite: ENGL 110. Competency: Analytical Reading. Offered every other year.

ENGL 230. WRITING FOR THE SCREEN. An introduction to and workshop in writing for stage and/or screen. Students will learn about elements of dramatic writing, including structure, plot, characters, dialogue, scenes, and sequences. Focusing on studies in the craft of scriptwriting, this course requires intensive reading, writing, and revision. Competency: Analytical Reading, Writing, and Self-Knowledge. Offered every other year.

ENGL 231. INTRODUCTION TO FILM. Students will be introduced to the techniques and aesthetics of film and an overview of film history. The course covers genre issues; compares studio, foreign, and independent films; looks at aspects of film composition; and examines significant works by auteurs such as Alfred Hitchcock. Competency: Ethics of Social Responsibility. Offered every other year.

ENGL 233. WRITING IN ORGANIZATIONS. Students will learn how to write effectively and quickly in a business context, exploring the proper form and content of memos, reports, business letters, executive summaries, and other business documents. Students will also learn how to write and design their own personal resumes and will produce a finished resume and a cover letter. Prerequisite: ENGL 111. Competencies: Writing, Public Speaking. Offered every year.

ENGL 240. INTERMEDIATE CREATIVE WRITING WORKSHOP. A mixed-genre workshop providing instruction in the craft of imaginative writing beyond the introductory level. While students may elect to write in a single genre, they will examine
principles and practices of both poetry and prose in order to gain a broader and deeper understanding of their own work and of creative writing in general. Through exposure to and analysis of the work of professional writers, students will acquire literary models, strengthen their editing and revising skills, and improve their critical vocabulary. Competency: Analytical Reading, Writing, and Self-Knowledge. Prerequisite: ENGL 120. Offered every year.

ENGL 250. SPECIAL TOPICS IN LITERATURE.
A flexible course designed to broaden students’ knowledge and appreciation of the arts by examining special topics in literature of particular interest to students and faculty. Emphasis is on readings organized around a thematic approach or concept. Prerequisite: ENGL 111. Offered as needed.

ENGL 300. WOMEN IN LITERATURE.
An exploration of women’s issues, concerns, and voices in literature about and by women, situated in a larger historical context. Emphases will include male and female responses to changing cultural patterns. Prerequisite: one 200-level literature course. Competency: Self-Knowledge. Offered every other year.

ENGL 303. CLASSICAL MYTHOLOGY.
Study of the Greek myths with illustration of their evocative power and continued rebirth in literature, painting, and music. We may also examine the mythological mode of thinking that precedes the age of reason in the development of a society. Prerequisite: one 200-level literature course. Competency: Public Speaking. Offered every other year.

ENGL 304. MEDIEVAL LITERATURE.
A study of British texts from the Old English period (in translation) and the Middle English period. Representative works include the anonymous Old English elegies, riddles, and religious texts; Sir Thomas Malory’s “Morte Darthur;” selections from Geoffrey Chaucer; and Marie de France’s “Lanval.” Time permitting, medieval works from the continent might also be explored, including such important works as “The Romance of the Rose” and “Song of Roland.” Competency: Writing. Prerequisites: one 200-level literature course. Offered every other year.

ENGL 312. EDITING FOR PUBLICATION.
The course will cover advanced editing for print publications. It will train students to edit copy for accuracy, clarity, conciseness, and flare. Students will examine the different needs for various media genres and outlets, and they will learn to identify possible libel and ethical dilemmas faced by editors. Prerequisites: two 200-level journalism or mass media courses. Competency: Civility.

ENGL 314. NINETEENTH-CENTURY BRITISH LITERATURE.
Explores the literature of the 19th century in depth, from the Romantics to the Victorians, and the social and cultural contexts in which 19th century writers worked. The course will cover all genres of writing, including poetry, prose, and non-fiction. Competency: Self-Knowledge. Prerequisites: one 200-level literature course. Offered every other year.

ENGL 318. NON-FICTION MARKETS.
Students attend to professional markets, especially e-zines, mag-
azines, and journals, assessing content and style of consumer publications while learning to prepare written submissions accordingly. Emerging genres, such as memoir and creative non-fiction, will be discussed in an effort to ready the advancing journalism student for eclectic, professional internship experience. Competency: Civility. Prerequisites: JOUR 118 and JOUR 218, or permission from the instructor. Offered every other year.

ENGL 320. ADVANCED POETRY WORKSHOP.
Focusing on advanced studies in the craft of poetry, this course requires intensive reading, writing, and revision. Through formal analysis of peer work and established models, students will increase their ability to effectively critique their own and others’ writing. Students will also learn the correct procedure for submitting manuscripts for publication. The course emphasizes longer works and independent projects. Competency: Analytical Reading, Writing, Self-Knowledge. Prerequisites: ENGL 240. Offered every other year.

ENGL 321. ADVANCED FICTION WORKSHOP.
Focusing on advanced studies in the craft of fiction, this course requires intensive reading, writing, and revision. Through formal analysis of peer work and established models, students will increase their ability to effectively critique their own and others’ writing. Students will also learn the correct procedure for submitting manuscripts for publication. This course emphasizes longer works and independent projects. Competency: Analytical Reading, Writing, and Self-Knowledge. Prerequisites: ENGL 240. Offered every other year.

ENGL 325. ADOLESCENT LITERATURE.
Examines classic and current works created for young adults, with focus on issues such as peer pressure, family, emerging sexuality, environment, and education. Considers book selection evaluation and classroom use. Prerequisite: one 200-level literature course. Competency: Public Speaking. Offered every other year.

ENGL 328. CONCEPTS OF LANGUAGE.
Examines aspects of language including the origin of language as a symbolic activity, the relationship between language and power, and the role of language in the global village. This course provides an introduction to linguistics – the sound systems, forms, structures, and lexicon of English and other languages – that serves as a basis of the study of language as symbolic and social practice. Prerequisite: one 200-level literature course. Competency: Writing. Offered every other year.

ENGL 332. GENRES IN SHAKESPEARE.
Examines representative works from Shakespeare’s dramatic genres (histories, romances, comedies, tragedies) and poetry. Prerequisite: one 200-level literature course. Competency: Writing. Offered every other year.

ENGL 334. AMERICAN MODERNISM.
American Modernism examines literary movements of the early twentieth century. Readings include experimental writing, manifestos, interdisciplinary works, and literary texts. Literary texts are examined as to how they fit into various modernist movements and art forms such as Symbolism, Futurism, Imagism,
and Cubism, and how texts relate to modern architecture, fine art, photography, drama, and music. American Modernism takes place in New York, London, Paris and other settings across the world and in the context of a new market-oriented, technological world. Prerequisite: one 200-level literature course. Competency: Ethics of Social Responsibility. Offered every other year.

ENGL 335. CHILDREN’S LITERATURE.
Provides the prospective elementary teacher as wide an exposure as possible to the highest quality children’s books; equips the student with criteria for evaluating and choosing books for children; special attention is given to storytelling, creative dramatics, and motivation to read. Laboratory experience is included. Competency: Analytical Reading. Offered every year.

ENGL 338. CREATIVE NONFICTION.
Focusing on advanced studies in the craft of nonfiction, this course requires intensive reading, writing, and revision. Through formal analysis of peer work and established models, students will increase their ability to effectively critique their own and others’ writing. This course emphasizes longer works and independent projects. Prerequisites: JOUR 218 or ENGL 240. Competency: Critical Analysis. Offered every other year.

ENGL 350. SPECIAL TOPICS.
May only be taken once. A flexible course intended to serve as an instrument for examining topics in English of particular interest to students and faculty. Emphasis on readings, research, and intensive study. Prerequisites: one 200-level literature course, Junior standing, and permission of the instructor required. Offered as needed.

ENGL 402. SEMINAR IN LITERATURE AND SOCIETY.
An exploration of how writers and their works reflect, rebel against, and seek to influence societal norms on concerns of public and contemporary as well as historical importance. This course focuses on how writers respond to or take the lead on topics of global importance, on the complexity of world issues, and the diversity of perspectives internationally. As part of the Commons Curriculum and a Senior Seminar, this course emphasizes understanding of world issues through multiple global perspectives and making informed judgments for the common good. Competencies: Reading, Writing, and Ethics of Social Responsibility. Prerequisites: Senior standing. Offered every year.

ENGL 420. SENIOR SEMINAR IN WRITING.
The culminating course for those in the writing concentration, this seminar offers students a final opportunity for peer critique and provides a transition to the next stage of their writing lives. Students will complete a final portfolio of their best creative and/or journalistic work, which they will edit for publication. After performing a market analysis to determine suitable venues for their manuscripts, students will study the art of writing query and cover letters, will prepare their pieces for submission, and will submit work to appropriate publications. Students will also fulfill their public speaking requirement in this course by preparing professional presentations such as literary readings and conference papers. The course also offers preparation for students interested in pursuing writing at the graduate level. Competency: Self Knowledge. Prerequisites: ENGL 320 or ENGL 321 and senior status. Offered every year.

JOUR 449. SENIOR SEMINAR.
The culminating course for those in the journalism concentration, this course offers students a final opportunity to refine their skills in journalistic photography, design, writing, editing, and/or publishing. Students will complete a final portfolio of their best work with an eye toward seeking employment in the current job market. All completed work must meet professional and publishable standards. Prerequisites: two 200-level journalism or mass media courses. Competency: Self-Knowledge.

JOUR 452. INTERNSHIP IN WRITING AND EDITING.
The internship in professional writing provides advanced students on-the-job experience in writing and editing in a variety of settings. Students may elect to work on or off campus in journalism, public relations, or publications management. Competency: Self-Knowledge. Prerequisites: JOUR 118, JOUR 218, and ENGL 327, or permission of the instructor.
ENVIRONMENTAL SCIENCE

The Environmental Science program of study is designed to enhance students’ understanding of the biological, ecological, and chemical factors that govern the relationship between an organism and its environment. Graduates of this degree program could seek employment with industry, state and local regulatory agencies, municipalities, and other environmental agencies or continue graduate studies in the field.

Because of the nature of field opportunities (travel to coastal ecosystems, etc.) integrated into environmental science courses, active participation of the student is required. Therefore, students who anticipate conflicts should select alternate courses.

Charges may be placed on the student’s account for laboratory equipment broken or damaged as a result of student negligence. Equipment broken or damaged as a result of student negligence.

The curriculum of the Environmental Science program is designed to help develop and maintain critical thinking, analytical reading, writing, and public speaking skills. Service learning and community involvement are important components of the curriculum and should be encouraged at every opportunity.

Environmental Science Major
BIOL 101 General Biology I
BIOL 102 General Biology II
CHEM 101 General Chemistry I
CHEM 102 General Chemistry II
EVSC 111 Environmental Science
EVSC 209 Environmental Chemistry
EVSC 211 Organismic Biology
EVSC 301/BIOI 301 Ecology
EVSC 302 Earth Science and Environmental Assessment
EVSC 411 Environmental Technology
EVSC 421 Industrial Hygiene or
EVSC 422 Environmental Law
GEOL 101 Physical Geology
MATH 215 Elementary Statistics
TOTAL: 52 semester hours

Environmental Science Minor
EVSC 111 Environmental Science
EVSC 211 Organismic Biology
EVSC 301/BIOI 301 Ecology
EVSC 302 Earth Science and Environmental Assessment
Choose one of the following courses:
EVSC 421 Industrial Hygiene
EVSC 422 Environmental Law
TOTAL: 20 semester hours

Environmental Science Internship Program
(optional) 4-16 Hours

The Environmental Science Internship program is a competitive program students can choose to strengthen their degree. Students must apply through the Environmental Science program for an internship. Typical internships would be served with a state or federal agency or with a business charged with enforcing or complying with environmental regulations. Internships may be served the summer between the sophomore and junior year, between the junior and senior year, or at other times subject to scheduling.

Course Descriptions

EVSC 111. ENVIRONMENTAL SCIENCE.
Environmental Science is intended as a basic survey course designed to provide the student with an understanding of ecological principles and processes. Students will develop their skills at scientific inquiry. Considerations of interactions of social, political, economic, and scientific issues will be related to developing the skills necessary for survival in society and the biosphere. Competency: Critical Analysis. Offered every year.

EVSC 209. ENVIRONMENTAL CHEMISTRY.
A course designed to acquaint students with the chemical mechanisms underlying environmental problems. Topics of study will include chemistry of natural waters, redox equilibria and complexation in natural waters and waste waters, inorganic water pollution, chemistry of soils and the atmosphere, toxicology, and hazardous wastes. Competency: Analytical Reading. Prerequisite: CHEM 102. Offered every other year.

EVSC 211. ORGANISMIC BIOLOGY.
A survey of the five biological kingdoms. Emphasis is on the identification of organisms using dichotomous keys. Extensive fieldwork and travel are required. Skills developed in this course will enable students to perform surveys of aquatic and terrestrial communities. Special emphasis is placed on using taxa as indicators of biotic integrity of ecosystems. Competency: Analytical Reading. Offered every year.

EVSC 301/BIOI 301. ECOLOGY.
The organism’s relationship to its environment including factors influencing populations, communities, and the distribution of organisms. Additionally, students may be required to write a scientific paper based on ecological data they have collected and analyzed. Extensive travel and fieldwork are required. Metrics used in various ecological assessments are also discussed. Competency: Critical Analysis. Prerequisites: MATH 215 and EVSC 211. Offered every year.

EVSC 302. EARTH SCIENCE AND ENVIRONMENTAL ASSESSMENT.
This course focuses on the fundamentals of physical geology, hydrology, orienteering, navigation, topographic map and aerial photograph interpretation. Students will use these skills to produce environmental maps of watersheds in the Greeneville area which display multiple layers of spatial data (geology, soils, hydrologic features, land uses, etc.). Students will learn basic measurement, navigation and mapping skills in order to produce these maps which can be used as models for environmental impact assessments. Competency: Critical Analysis. Offered every other year.

EVSC 350. SPECIAL TOPICS.
Topics to be determined by instructor and will be listed on yearly course schedule. Courses will normally require travel, and extra fees may be required. Competencies: Writing and Public Speaking.

EVSC 411. ENVIRONMENTAL TECHNOLOGY.
This course is an introduction to the technical aspects of water
supply, waste management, and pollution control. Logical and systematic organization using both customary and SI (Systeme Internationale) units are emphasized. Field trips to local industries, public utilities, and waste disposal sites are required. Competency: Critical Analysis. Prerequisites: MATH 215, EVSC 209, EVSC 301.

EVSC 414. FIELD BIOLOGY I.
See BIOL 404.

EVSC 416. FIELD BIOLOGY II.
See BIOL 406.

EVSC 421. INDUSTRIAL HYGIENE.
In this course students will learn about the field of Industrial Hygiene. Included in this course will be both the areas of safety and monitoring. Students will learn about the Occupational Safety and Health Act (OSHA Act), governmental agencies established by the OSHA Act, and their responsibilities, Occupational Safety and Health Administrations (OSHA’s) standards and regulations, Material Safety and Data Sheets (MSDS), Chemical Hygiene Plans (CHP), monitoring and control methods. Students will learn how to recognize hazards associated within a workplace and how those hazards can affect the human body. The students will perform actual monitoring experiments to test for various hazardous materials and situations on campus and compare the levels to present OSHA Threshold Level Values (TLVs) to ensure people in these situations are exposed to safe levels in these situations. If the levels are found to exceed the TLV value stated the students will suggest correct control methods to prevent overexposure in the tested situations. Offered every other year.

EVSC 422. ENVIRONMENTAL LAW.
Students will study the basic environmental laws that affect business, industry, and education. Students will examine the role of risk assessment in legislative policies. Competency: Public Speaking. Prerequisites: EVSC 300 Levels. Offered every other year.

EVSC 425. PHYSICAL AND ENVIRONMENTAL SCIENCE CONCEPTS.
This course is designed for pre-service elementary education majors and will include hands-on teaching methods as well as course content for physical and environmental science. Topics of study will include the scientific method, earth/space science, basic physics and chemistry, and ecological principles and processes. Competency: Critical Analysis. Prerequisites: EDUC 200 and SPED 101. Offered every other year.

EVSC 451. ENVIRONMENTAL SCIENCE INTERNSHIP. 4-16 semester hours.
Students will gain experience in field work in the area of environmental law, monitoring, or field studies. Students may work with federal or state agencies or private industries. Internships are assigned by the environmental science department on the basis of availability and a set of department guidelines. Competencies: Civility and Self-Knowledge.

FIELD GUIDE/NATURALIST

The Field Guide/Naturalist major emphasizes the understanding of ecological sciences’ communication theory, educational principles, and resource management. It stresses the balance between ecological and social sciences.

The curriculum of the Field Guide/Naturalist program is designed to help develop and maintain critical thinking, analytical reading, writing, and public speaking skills. Service learning and community involvement are important components of the curriculum and should be encouraged at every opportunity.

Field Guide/Naturalist Major
Prerequisites: BIOL 101 General Biology I and BIOL 102 General Biology II
MASS 221 Introduction to Mass Media
PSYC 101 Essentials of Psychology
PSYC 200 Developmental Psychology or
PSYC 221 Social Psychology
SPED 101 Survey of the Regular and Special Needs Population Within the School Environment
EVSC 111 Environmental Science
EVSC 211 Organismic Biology
BIOL 204 Nonvascular Plants
BIOL 205 Morphology and Taxonomy of Vascular Plants
BIOL 220 Vertebrate Zoology I
BIOL 221 Vertebrate Zoology II
BIOL 301 General Ecology
EVSC 302 Earth Science and Environmental Assessment
BIOL 401 Invertebrate Zoology
EVSC 451 Internship (4-16 hours)
TOTAL: 56 semester hours.

Electives (Suggested)
EVSC 414 Field Biology I
EVSC 416 Field Biology II
PHED 115 Community First Aid, CPR, and Safety (1 hour)
PHED 195 Hiking/Backpacking (1 hour)
PHED 196 Canoeing (1 hour)

GEOPHYSICS

GEOG 200. INTRODUCTION TO GEOGRAPHY.
An introductory survey of important geography factors affecting the political and economic development of nations. Emphasis given to consideration of location, size, natural resources, terrain, culture, and population composition. Competency: Analytical Reading. Offered every year.
**GEOLOGY**

GEOL 101. PHYSICAL GEOLOGY.
An introduction to the materials, processes, and structure of the Earth’s surface and interior. Topics include formation of rocks, earthquakes, volcanoes, plate tectonics, mountain building, weathering and erosion, glaciation, oceans, and mineral resources. Course includes lecture and laboratory/field applications each week. Offered every year.

**HISTORY**

The major and minor programs in History contribute to the intellectual and moral development of students and enhance their preparation for active citizenship in the American nation and the larger global community. Course work in History hones the skills desired in students who may wish to pursue careers in government, the law, or education, or who plan to undertake graduate study, as a prelude to public involvement as a civil servant, attorney, teacher, or community leader. The department's programs and courses, including independent or interdisciplinary majors that combine elements of one or more disciplines, have been developed with student interests in mind and to provide the background necessary for fulfillment of professional aspirations in such fields as information management, historic preservation, research, and information.

History majors are required to complete thirteen courses (50 hours) in the discipline, including History 101 and 102 (The West and the World surveys) and History 201 and 202 (The U.S. History surveys). Students must also complete History 302 (Readings in The Uses of the Past) and History 402 (Historical Methods). Students who have completed comparable courses may apply for a waiver of these required courses. Beyond these required courses, students must complete seven History courses of their own choosing, keeping in mind that their choices should provide them with the breadth of perspective all liberally educated persons should have. In no case will more than three 200-level courses be counted toward the eleven needed for a History major. Finally, students must submit a satisfactory senior-level research paper to complete their major requirements.

Students may also choose a History Education major, which provides them with the benefits of a History degree and prepares them for licensure to teach history in grades 7-12. History-Education Majors must also complete a satisfactory senior-level lesson plan suitable for classroom use for grades 7-12, in order to complete their major requirements.

Students interested in doing so may design an independent major combining History with other related or appropriate courses, or they may elect to complete a minor in History, consisting of 20 semester hours of study.

**History Major: (44 hours)**
Required:
HIST 101 & 102 West & the World, I and II
HIST 201 & 202 U.S. History Survey, I and II
HIST 302 Readings in Uses of Past
HIST 402 Historical Methods and Research (2 hours) [taken concurrent with HIST 302 across the semester]
AND
Choose seven of following:
HIST 305 History of the Modern South
HIST 306 The Islamic World
HIST 310 The Greek and Roman World
HIST 311 Modern East Asia
HIST 314 Revolutionary America
HIST 315 Modern Latin America
HIST 316 The American Nation
HIST 320 Medieval Europe
HIST 322 Modern American
HIST 323 Era of Civil War and Reconstruction
HIST 326 Early Modern Europe
HIST 332 Modern Africa
HIST 334 The European Age of Reform
HIST 335 Native American History
HIST 337 American Labor and Working Class History
HIST 342 Twentieth Century Europe
TOTAL: 50 semester hours

**History Minor**
HIST 101 or 102 The West and the World, I or II
HIST 201 or 202 U.S. History Survey, I or II
Choose three additional courses from the elective listing for the history major.
TOTAL: 20 semester hours

**History-Education Major: Teaching Licensure Grades 7-12**
The following program leads to licensure with endorsement in History, for teaching grades 7-12. This program is comprised of 145 semester hours, as follows:
- Major: 44
- Professional Education: 36
- General Education: 65

**Major curriculum**
EDUC 419 Content Area Reading
GEOG 200 Introduction to Geography
HIST 102 The West & the World II
HIST 202 U. S. History Survey II
HIST 302 Readings in Uses of Past
POLS 203 American Government
AND
Choose five of the following:
HIST 305 History of the Modern South
HIST 306 The Islamic World
HIST 310 The Greek and Roman World
HIST 311 Modern East Asia
HIST 314 Revolutionary America
HIST 315 Modern Latin America
HIST 316 The American Nation
HIST 320 Medieval Europe
HIST 322 Modern America
HIST 323 The Era of the Civil War and Reconstruction
HIST 326 Early Modern Europe
HIST 332 Modern Africa, 1800-present
HIST 334 The European Age of Reform
HIST 335 Native American History
HIST 337 American Labor and Working Class History
HIST 342 Twentieth Century Europe

**Not required if ACT/SAT scores merit exemption.

**Course Descriptions

HIST 101-102. THE WEST AND THE WORLD I AND II.
A survey of the history of Western Civilization and its interaction with the non-Western World, including Mesopotamia, the Middle East, Africa, and the Americas. Competency: Analytical Reading. Offered every year.

HIST 201-202. U.S. HISTORY SURVEY I AND II.
A survey of the United States from the explorations of the 16th century to the present. Primary emphasis is on the interplay of economics and ideas as the foundation of the American republic and its subsequent evolution. Topics covered include red, white, and black America, Jacksonian democracy and the rise of the common man, slavery, and abolitionism, Westward expansion, the Civil War and Reconstruction, the American industrial revolution, World War I, woman suffrage and feminism, the Great Depression, New Deal, World War II, the black freedom struggle of the 1950s and 1960s, America and the Cold War, and neo-conservatism in the late 20th Century. Competencies: Self-Knowledge and Analytical Reading. Offered every year.

HIST 302. READINGS IN THE USES OF THE PAST.
An introductory examination of the nature of history and of the methods of historical inquiry. Primary emphasis will be given to the following questions: “What is the value of history?” and “Is it possible to really know the past?” The course also considers historians as detectives: how they use the evidence and attempt to establish the truth about the fascinating stories they relate. All of this is examined within the framework of the diverse methodologies historians employ to unearth new evidence that expands and deepens our understanding of the past. Competencies: Civility and Critical Analysis. Prerequisites: HIST 101-102, HIST 201-202, a minimum fifteen page research paper satisfactorily completed in each of two upper-division history courses of the student’s choosing. Offered every other year.

HIST 305. THE HISTORY OF THE MODERN SOUTH.
This course examines the modern history of the Southeastern United States, from the late nineteenth century to the present. The South is considered as a region both distinct from and integrated into the larger United States. Topics covered will include Reconstruction, the Industrial South, Populism, the Depression-era South, World War II, the Civil Rights Movement, and the Rise of Sunbelt Politics. Themes will include change versus continuity in southern history, the dynamic force of race, gender, and class, and southern identity and culture. This course may utilize guest speakers, Internet resources, film, field trips, and personal memoir or literature to expand students’ access to the culture and history of the modern South. Competency: Critical Analysis. Prerequisite: HIST 202 or permission of instructor.

HIST 306. THE ISLAMIC WORLD.
A broad-based examination of cultural, economic, political, religious, and social developments in the Islamic world from the 7th Century to the present. Primary emphasis is on the emergence
and nature of Islam and its spread from Arabia to the Atlantic and Southeast Asia, the impact of the West on the Islamic world, and the role of states, power, and politics in shaping Islamic responses to Western imperialism. This course may also utilize guest speakers and other resources to heighten student awareness of the complex interaction of the Islamic and Western worlds with one another. Competency: Critical Analysis. Prerequisites: HIST 101-102 or permission of instructor.

HIST 310. THE GREEK AND ROMAN WORLD.
This course will explore classical Greece and Rome, the two civilizations that lie at the foundation of Western society. The course will begin with the rise of the Greek city-states and, in that context, will explore developments and innovations in political institutions, law, philosophy, religion, and the arts. Attention will be paid to competing political and cultural programs among the Greek city-states, Greek military and cultural imperialism under Athenian democracy and Alexander the Great, and to changes over time. Further, the course, will outline the conditions and dynamics that allowed for the emergence of a powerful Roman city-state, dominant in the Italian Peninsula, and later in the Mediterranean and Western Europe. It will explore the culture, economy, and political institutions of the Roman Republic and outline factors that led to its transition to the Empire. Finally, factors leading to the break up of the Empire will be discussed, and those forms and institutions enduring into the European Middle Ages will be highlighted. Competency: Critical Analysis. Prerequisite: HIST 101 or permission of the instructor.

HIST 311. MODERN EAST ASIA.
A survey of the principal historical trends and events in East Asia since the 15th century. Primary emphasis is on the emergence of modern China, but the course also considers the historical experiences of Japan, Korea, and Southeast Asia. Particular attention is paid to the impact of imperialism in East Asia and the diversity of Asian responses to modernization. This course may also utilize guest speakers, Internet resources, film, and personal memoir to expand students’ access to the cultures and histories of a region that has been both distant and enmeshed in the Western and American experience. Competency: Critical Analysis. Prerequisites: HIST 101-102 or HIST 201-202.

HIST 314. REVOLUTIONARY AMERICA, 1750-1800.
In the last half of the eighteenth century, many inhabitants of British North America came to think of themselves as distinctly American, broke with their mother country, England, waged a war with the greatest power on earth, founded a new nation on truly revolutionary principles, and helped spread these ideals to other parts of the western world. This course explores the fascinating story of Revolutionary America in detail, including the actions and reactions of all the black, white, and Native Americans caught up in the momentous struggle that resulted in the creation of the United States. Competency: Critical Analysis. Prerequisite: HIST 201 or HIST 102 or permission of the instructor.

HIST 315. MODERN LATIN AMERICA.
A survey of the principal historical trends and events in Latin America in the 19th, 20th, and 21st centuries. Primary emphasis is on Central America and Mexico, with some attention also given to selected countries in South America and the Caribbean. Topics covered include colonialism and the wars of independence; caudillos, populists, and military juntas; the culture and daily life of mestizos, creoles, and Amerindi ans; U.S.-Latin American relations; rebellions, revolutions, and reaction in Central America; and the challenges and opportunities of economic and political modernization. This course may also utilize guest speakers, Internet resources, film, and personal memoir to expand students’ access to the cultures and histories of Latin America. Competency: Critical Analysis. Prerequisites: HIST 101-102 or HIST 201-202.

HIST 316. THE AMERICAN NATION, 1800-1850.
During the first half of the nineteenth century, the United States established itself as a successful nation in the eyes of the world by fighting a second war with Britain, extending freedom and democracy to many, spreading westward to claim new lands and resources, and welcoming revolutions in commerce, agriculture, transportation, and industry. At the same time, however, the U.S. built its prosperity on such things as Indian removal, slavery, imperialism, loss of cohesive community, environmental destruction, and a growing sectionalism that would eventually tear the nation apart. Thus, good and evil, success and failure, went hand-in-hand in the early American republic, one dependent on the other. This course will explore these elements of the new nation in detail, emphasizing this interesting duality that made the United States what it is. Competency: Critical Analysis.

HIST 320. MEDIEVAL EUROPE.
This course will explore the society, culture, and political institutions of medieval Western Europe. Topics will include the rise of the Carolingian system out of the pieces of the broken Roman World, the spread of Christianity and the invasions of the Early Middle Ages, the development of the feudal system, the impact of reformed monasticism, the growth of papal power, the reemergence of civic life, and a money economy. We will also explore scholasticism, the increasing lay-orientation of religion, the growth of international trade, and the emergence of the pre-nation state. Within this broad chronological framework, the course will focus on certain themes and tensions in the Western medieval tradition, but also in the modern: the balance between church and state, secular and sacred, centralization and fragmentation, individual and community, reason and emotion. Competency: Critical Analysis. Prerequisites: HIST 101 and 102 or permission of the instructor.

HIST 322. MODERN AMERICA.
An in-depth examination of the principal, cultural, economic, intellectual, political, and social forces that have shaped and reshaped the American nation from the mid-20th Century to the present. Particular attention will be devoted to the impact of the Great Depression and World War II, the Cold War, the Korean and Vietnam Wars, consumerism and stability in the 1950s, McCarthyism versus the Age of Aquarius, the black freedom struggle, and the reactions of traditional Americans to all the changes wrought since the Stock Market Crash of 1929 and the detonation of the first atomic bomb in 1945. The course may include field trips to important sites that highlight these themes. Competency: Critical Analysis. Prerequisites: HIST 201-202 or permission of the instructor.
HIST 323. THE ERA OF THE CIVIL WAR AND RECONSTRUCTION.
Elective. A survey of the Civil War and Reconstruction era (1861-77). Emphasis is given to the causes of the Civil War, the social, economic, and political developments of the war years as well as the Reconstruction era. Particular attention will be paid to the idea that the period 1861-77 was a watershed that transformed American society and the nature of the federal union. The course may include extended field trips to important sites of interest to the history of the Civil War and Reconstruction, such as Harper’s Ferry, Virginia; Chickamauga, Georgia; or Gettysburg, Pennsylvania. Competencies: Critical Analysis and Self-Knowledge. Prerequisites: HIST 201-202.

HIST 326/RELG 326. THE RENAISSANCE AND REFORMATION IN EARLY MODERN EUROPE.
This course will look at the Renaissance and Reformation movements within the broader context of the political and economic developments of Early Modern Europe. The course will focus on the conditions of late medieval Florence that contributed to the artistic and literary developments of the 15th century. The course will trace the diffusion of the Renaissance in the Italian Peninsula and then to Europe north of the Alps. We will explore the uses to which the artistic developments of the Renaissance were put, and the long-term impact of the Renaissance on various European cultures. The course will also trace the development of the religious reform movement known as the Protestant Reformation movement from its bi-polar centers in Wittenberg and Zurich. It will outline the spread of the movement, conditions that facilitated the introduction of the Reformation across Europe, divisions within the Reformation movement, and the efforts of the Catholic church to respond to the challenge. Competency: Critical Analysis. Prerequisites: HIST 101 and 102, or RELG 101 and 102, or permission of the instructor.

HIST 332. MODERN AFRICA, 1800-PRESENT.
Recognizing the growing importance of Africa and African peoples in world affairs, this course offers a survey of major themes, events, and personalities in African history from 1800 to the present. Topics may include the African slave trade and its abolition, European imperialism, African reactions to colonial rule, religious and cultural movements, ethnicity and tribalism, the formation of African states in the wake of decolonization, and recent moves toward pan-Africanism. The course also includes an assessment of Africa’s future in an era of increased globalization and a comparative treatment of African peoples and culture in the Americas, including the impact of that culture on Western Civilization. Competencies: Analytical Reading and Ethics of Social Responsibility. Prerequisites: History 101-102.

HIST 334. THE EUROPEAN AGE OF REFORM: ENLIGHTENMENT AND INDUSTRIAL REVOLUTION.
This course will explore the fundamental changes in Europeans’ conceptions, institutions, and methods of economic production occasioned by the Enlightenment and the Industrial Revolution. Attention will be given to the Enlightenment’s critique of the continent’s political and religious values and institutions, this critique’s roots in the seventeenth century Scientific Revolution, and its impact on movements for social reform. This course will consider the conditions that gave rise to the Industrial Revolution in Britain, its spread to the continent, and its social and cultural impact on societies in which it took hold. Competency: Critical Analysis. Prerequisites: HIST 101 and HIST 102 or permission of the instructor.

HIST 335. NATIVE AMERICAN HISTORY.
This course in the history of Native Americans from the end of the Ice Age to the Present is designed to be ethnohistorical in nature. This means examining this history through the eyes of the American Indians themselves, as a product of their own unique cultures and the challenge of contending with a massive invasion of their homelands and cultural space by outsiders. The course depends on the writings of anthropologists, archaeologists, historians, and diverse Native Americans to understand the native perspective and to place it firmly within the context of American and Western history as a whole. Competency: Critical Analysis. Prerequisites: History 201-202 or permission of the instructor.

HIST 337. AMERICAN LABOR AND WORKING CLASS HISTORY.
This course examines the social, political, economic, and cultural history of working people and labor organizations in the United States, from the Industrial Revolution of the late 19th Century to the present. Emphasis is on the impact of economic modernization on the diverse ethnic, racial, and gender groups that have comprised the modern American working class. Topics covered will include the shift from hand labor to machine and assembly line production, the successes and failures of unionism, working class culture and urban life, strikes and strikebreaking, Rosie the Riveter and World War II, the impact of NAFTA and the trends of globalization, and above all, the diversity of ways working people have shaped the history of modern America. Competencies: Critical Analysis and Self-Knowledge. Prerequisites: History 201-202 or permission of the instructor.

HIST 342. TWENTIETH CENTURY EUROPE.
This course will explore the forces, individuals, and the movements behind the dramatic events that shook the continent of Europe in the 20th century. Beginning in the years running up to World War I and concluding with the aftermath of the breakup of the Soviet Union, the course will assess political, social, technological, and economic changes affecting Europe. Topics will include the death of the old order, fascism and totalitarianism, war and genocide, social movements, the welfare state, communism and the Cold War, and trends for the twenty-first century. Competency: Critical Analysis. Prerequisites: HIST 101 and HIST 102 or permission of the instructor.

HIST 402. HISTORICAL METHODS AND RESEARCH. (2 semester hours).
This course requires students to apply the craft of historical analysis and writing by developing and completing a research project that culminates in an historical essay and presentation. Topics will be determined by the instructor in consultation with students. This course extends across the semester and should be taken concurrent with HIST 302 or after successful completion of that course. Competencies: Critical analysis and Writing. Prerequisites: HIST 101-102, HIST 201-202, HIST 302 or concur-
rent registration in HIST 302. Offered every other year, across the semester.

HIST 430. READINGS IN SPECIAL TOPICS IN HISTORY.
A flexible course intended to serve as an instrument for examining topics in history of particular interest to students and faculty. Emphasis is on readings and intensive study. Competencies: Critical Analysis and Analytical Reading. Prerequisites: At least 6 credit hours in history, Junior standing, and permission of the instructor. Offered as needed, with permission of instructor.

HIST 450. INDEPENDENT STUDY.
Generally, a student-initiated request for study of a particular aspect of history not usually covered in-depth in a particular course. The work will be accomplished under the direction of an advisor, will include weekly meetings, and may require completion of a formal paper. Offering this course is at the discretion of the instructor. Competencies: Critical Analysis and Writing. Prerequisites: At least 6 credit hours in history, Junior standing, and permission of the instructor.

HUMAN GROWTH AND LEARNING

The Human Growth and Learning major is designed for students who desire to take courses primarily by faculty from arts and sciences disciplines. The major is open to students who are preparing for licensure in Early Childhood Education and Elementary Education and for those students who do not wish licensure. The major may be combined with study in other fields related to how children learn in the context of their environments. The courses in this major are designed with practicum experiences to allow students to have interactive activities with students in the public school setting prior to student teaching or other educational endeavors. This major is offered on the residential campus and through the Graduate and Professional Studies program in approved off-campus sites. Three licensure areas are available as well as the non-licensure option.

1. Human Growth and Learning Major with Early Childhood Education Licensure
   This program is comprised of 140 semester hours, as follows:
   - Major 47
   - Professional Education 32
   - General Education 61

   Human Growth and Learning Major Curriculum
   - BIOL 100 Introductory Biology
   - EDUC 307 Language Development and Emergent Literacy
   - ENGL 335 Children’s Literature
   - EVSC 425 Physical and Environmental Science Concepts
   - HGLN 337 Assessment and Evaluation
   - HGLN 340 Learning Environments EC/K-4
   - HGLN 417 Literacy Through Language Arts
   - MATH 425 Mathematics Applications in the Real World
   - PHED 360 Curriculum Design and Teaching Methods for Elementary School Physical Education
   - SPED 101 Survey of the Regular and Special Populations Within the School Environment
   - SPED 105 Survey of the Regular and Special Populations Within the School Environment
   - SPED 354 Strategies for the Early Childhood Special Needs Students
   - VISA 330 The Arts and Childhood Learning

   Professional Education Curriculum
   - EDUC 200 History, Philosophy and Principles of Education
   - EDUC 320 Classroom Discipline and Management
   - EDUC 416 Teaching Reading
   - SPED 451 Educating the Gifted Student
   - EDUC 452 Student Teaching Seminar
   - EDUC 453 Enhanced Student Teaching (PreK-K)
   - EDUC 454 Enhanced Student Teaching (K-3)

   General Education Curriculum
   - *CISC 100 Computer as a Tool
   - CISC 216 Computer as a Classroom Support System
   - **ENGL 100 Introduction to College Writing
   - ENGL 110 Composition and Rhetoric
   - ENGL 111 Composition, Rhetoric and Research
   - GEOG 200 Introduction to Geography
   - HIST 101 or 102 The West and the World I or II
   - HIST 201 or 202 U.S. History I or II
   - **MATH 101 Basic Math
   - MATH 102 College Algebra
   - OREN 105 Tusculum Experience
   - PHED 115 Community CPR, First Aid, and Safety
   - PHED 260 Methods for School Health Teachers
   - POLS 380 The Political Traditions of the West
   - PSYC 101 Essentials of Psychology
   - PSYC 200 Developmental Psychology
   - PSYC 305 Educational Psychology
   - RELG 330 The Hebrew and Christian Tradition
   - SOCI 101 Principles and Social Institutions

   Choose one of the following courses:
   - MUSC 101 Introduction to Western Music
   - THEA 104 Introduction to Theatre
   - VISA 110 Introduction to Art
   - VISA 204 Ancient through Renaissance Art
   - VISA 208 Baroque through Modern Art

   * Test opportunities are available.
   **Not required if ACT/SAT scores merit exemption.

Human Growth and Learning - Early Childhood Education Minor—PreK-4 or PreK-3
   - EDUC 307 Language Development/Emergent Literacy
   - ENGL 335 Children’s Literature
   - HGLN 337 Assessment and Evaluation
   - HGLN 340 Learning Environments in Early Childhood
   - EDUC 416 Teaching Reading
   - HGLN 417 Literacy Through Language Arts
   - PHED 360 Curriculum Design/Methods in Elementary PE
   - SPED 354 Strategies for the Early Childhood Special Needs Students
   - SPED 451 Educating the Gifted Student
VISA 330 The Arts and Childhood Learning
TOTAL: 39 semester hours

The Elementary Education minor may be added to any existing School of Education Major with Licensure. All listed courses are required for the minor; however, some course requirements may be accomplished through preparation for a particular major.

2. Human Growth and Learning Major with Elementary Education Licensure (K-6)
   This program is comprised of 128 semester hours, as follows:
   
   Major 35
   Professional Education 32
   General Education 61

   Human Growth and Learning Major Curriculum
   BIOL 100 Introductory Biology
   ENGL 335 Children’s Literature
   EVSC 425 Physical and Environmental Science Concepts
   HGLN 341 Learning Environments K-6
   HGLN 417 Literacy Through Language Arts
   MATH 425 Mathematics Applications in the Real World
   PHED 360 Curriculum Design and Teaching Methods for Elementary School Physical Education
   SPED 101 Survey of the Regular and Special Populations Within the School Environment
   VISA 330 The Arts and Childhood Learning

   Students needing additional hours may choose one of the following:
   
   ENGL 213 British Literature I
   ENGL 214 American Literature I
   ENGL 225 World Literature
   SPED 352 Developmental Disabilities
   SPED 354 Strategies for the Early Childhood Special Needs Students
   SPED 451 Educating the Gifted Student
   SPED 455 The Consulting Teacher Model

   Or another approved Humanities course

   Professional Education Curriculum
   EDUC 200 History, Philosophy, and Principles of Education
   EDUC 320 Classroom Discipline and Management
   EDUC 416 Teaching Reading
   HGLN 337 Assessment and Evaluation
   EDUC 452 Student Teaching Seminar
   EDUC 454 Enhanced Student Teaching (K-3)
   EDUC 455 Enhanced Student Teaching (4-6)

   General Education Curriculum
   *CISC 100 Computer as a Tool
   CISC 216 Computer as a Classroom Support System
   **ENGL 100 Introduction to College Writing
   ENGL 110 Composition and Rhetoric
   ENGL 111 Composition, Rhetoric and Research
   GEOG 200 Introduction to Geography
   HIST 101 or 102 The West and the World I or II
   HIST 201 or 202 U.S. History I or II
   **MATH 101 Basic Math
   MATH 102 College Algebra
   OREN 105 Tusculum Experience
   PHED 115 Community CPR, First Aid, and Safety
   PHED 260 Methods for School Health Teachers
   POLS 380 The Political Traditions of the West
   PSYC 101 Essentials of Psychology
   PSYC 200 Developmental Psychology
   PSYC 305 Educational Psychology
   RELG 330 The Hebrew and Christian Traditions
   SOCI 101 Principles and Social Institutions

   Choose one of the following courses:
   MUSC 101 Introduction to Western Music
   THEA 104 Introduction to Theatre
   VISA 110 Introduction to Art
   VISA 204 Ancient through Renaissance Art
   VISA 208 Baroque through Modern Art

   *Test opportunities are available.
   **Not required if ACT/SAT scores merit exemption.

   Human Growth and Learning—Elementary Education Minor Grades K-6
   EDUC 416 Teaching Reading
   ENGL 335 Children’s Literature
   EVSC 425 Physical and Environmental Science Concepts
   HGLN 337 Assessment and Evaluation
   HGLN 341 Learning Environments K-8
   HGLN 417 Literacy Through Language Arts
   MATH 425 Mathematics Applications in the Real World
   PHED 360 Curriculum Design/Methods Elem. (3 hrs.)
   PHED 115 First Aid & CPR (1 hr.)
   VISA 330 The Arts and Childhood Learning

   TOTAL: 36 semester hours

   The Elementary Education minor may be added to any existing School of Education Major with Licensure. All listed courses are required for the minor; however, some course requirements may be accomplished through preparation for a particular major.

3. Middle School Licensure (4-8)
   This program is comprised of 145-159 semester hours, as follows:
   
   Major Core 16
   Two concentrations 32-36
   Professional Education 32
   General Education 65-75

   Major Core Curriculum (16 hours)
   EDUC 416 Teaching Reading
   EVSC 425 Physical and Environmental Science Concepts
   HGLN 341 Learning Environments
   MATH 425 Mathematics Applications in the Real World

   Language Arts Concentration (16 hours)
   Choose two of the first three listings:
   ENGL 213/223 British Literature I or II
   ENGL 214/224 American Literature I or II
   ENGL 225 World Literature
   ENGL 325 Adolescent Literature
   HGLN 417 Literacy Through Language Arts

   Mathematics (16 hours)
   MATH 103 Trigonometry
   MATH 111 Finite Math
   MATH 205 Geometry
   MATH 215 Elementary Statistics
History (16 hours)
HIST 101/102 The West and the World I or II (the one not taken for General)
HIST 201/202 U. S. History I or II (the one not taken for General)
HIST 302 Readings in Uses of Past
POLS 203 American Government

Science (20 hours)
BIOL 101 General Biology
BIOL 102 General Biology II
BIOL 201 Genetics
BIOL 202 Microbiology OR
BIOL 301 General Ecology (requires Statistics)
BIOL 302 Physiology

Professional Education Curriculum
SPED 101 Survey of the Regular and Special Populations Within the School Environment
EDUC 200 History, Philosophy, and Principles of Education
EDUC 320 Classroom Discipline and Management
HGLN 337 Assessment and Evaluation
EDUC 452 Education Senior Seminar
EDUC 455 Enhanced Student Teaching (4-6))
EDUC 458 Enhanced Student Teaching (7-8)

General Education Curriculum
BIOL 100 Introductory Biology (not for Science majors)
*CISC 100 Computer as a Tool
CISC 216 Computer as a Classroom Support System
**ENGL 100 Introduction to College Writing
ENGL 110 Composition and Rhetoric
ENGL 111 Composition, Rhetoric and Research
GEOG 200 Introduction to Geography
HIST 101 or 102 The West and the World I or II
HIST 201 or 202 U.S. History I or II
**MATH 101 Basic Math
MATH 102 College Algebra
OREN 105 Tusculum Experience
PHED 115 Community CPR, First Aid, and Safety
PHED 260 Methods for School Health Teachers
PSYC 101 Essentials of Psychology
PSYC 200 Developmental Psychology
PSYC 305 Educational Psychology
RELG 330 The Hebrew and Christian Traditions
SOCI 101 Principles and Social Institutions

Choose one of the following courses:
MUSC 101 Introduction to Western Music
THEA 104 Introduction to Theatre
VISA 110 Introduction to Art
VISA 204 Ancient through Renaissance Art
VISA 208 Baroque through Modern Art

* Test opportunities are available.
**Not required if ACT/SAT scores merit exemption.

4. Human Growth and Learning Major Without Licensure
This program is composed of 128 hours, as follows:
Major 47
Electives 10-20
General Education 61-71

Human Growth and Learning Major Curriculum
BIOL 100 Introductory Biology
CISC 216 Computer as a Classroom Support System
EDUC 200 History, Philosophy and Principles of Education
ENGL 335 Children’s Literature
EVSC 425 Physical and Environmental Science Concepts
GEOG 200 Introduction to Geography
HGLN 341 Learning Environments K-6
HGLN 417 Literacy Through Language Arts
MATH 425 Mathematics Applications in the Real World
PHED 360 Curriculum Design and Teaching Methods for Elementary School Physical Education
SPED 101 Survey of the Regular and Special Populations Within the School Environment
VISA 330 The Arts and Childhood Learning

General Education Curriculum
*CISC 100 Computer as a Tool
CISC 216 Computer as a Classroom Support System
**ENGL 100 Introduction to College Writing
ENGL 110 Composition and Rhetoric
ENGL 111 Composition, Rhetoric and Research
GEOG 200 Introduction to Geography
HIST 101 or 102 The West and the World I or II
HIST 201 or 202 U.S. History I or II
**MATH 101 Basic Math
MATH 102 College Algebra
OREN 105 Tusculum Experience
PHED 115 Community CPR, First Aid, and Safety
PHED 260 Methods for School Health Teachers
POLS 380 The Political Traditions of the West
PSYC 101 Essentials of Psychology
PSYC 200 Developmental Psychology
PSYC 305 Educational Psychology
RELG 330 The Hebrew and Christian Traditions
SOCI 101 Principles and Social Institutions

Choose one of the following courses:
MUSC 101 Introduction to Western Music
THEA 104 Introduction to Theatre
VISA 110 Introduction to Art
VISA 204 Ancient through Renaissance Art
VISA 208 Baroque through Modern Art

* Test opportunities are available.
**Not required if ART/SAT scores merit exemption.

Students will be required to satisfy the Public Speaking Competency by presenting a speech to the Education Screening Committee, evaluated by the Tusculum College Rubric.

Course Descriptions

HGLN 337. ASSESSMENT AND EVALUATION.
The purpose of this course is to provide preservice teachers with skills that will enable them to determine: what students have learned, what aptitude students possess for future learning, how well students are progressing to specific educational

The Middle School minor may be added to any existing School of Education Major with Licensure. The content courses in two specific concentrations are required for the minor; however, some course requirements may be accomplished through preparation for a particular major.
goals (state grade-level curriculum standards), how students feel toward school, and what aspirations and interests students possess. The pre-service teacher will develop and use tests, rating scales, observational records, questionnaires, and other types of informal and authentic measurement instruments. This course will provide the learner with an opportunity to understand and apply sound measurement principles and practices to methods of inquiry and research. Strong emphasis will be placed on performance-based assessment, interpretation of standardized testing measures, and communication of this information to the appropriate personnel. Practicum experiences are included. Competency: Critical Analysis. Prerequisites: EDUC 200 and SPED 101. Offered every year.

This course is designed to prepare the preservice teacher with opportunities to study the manner in which a play-based developmental curriculum is linked with developmental assessment and curriculum planning. Opportunities for play and creative experiences are essential to the learning and development of the young child. Experiences in the course will include a study of ways to successfully serve the needs of diverse learners. The importance of the role of the parents in their child’s development is also a focus of this course. The pre-service teacher will demonstrate ability to plan, implement, and assess curriculum that includes current technology, materials, and community resources. The planned curriculum will reflect the pre-service teacher’s understanding of the psychological and social development of the primary-age student. The pre-service teacher will demonstrate the ability to plan and teach both skills and content in the PreK-4 area while building a community of engaged learners. Competency: Writing. Prerequisites: EDUC 200 and SPED 101. Offered every other year.

HGLN 341. LEARNING ENVIRONMENTS K-6.
This course is designed to prepare the K-6 pre-service teacher to apply curriculum principles and techniques in various learning environments with students of diverse abilities and needs. The preservice teacher will demonstrate ability to plan, implement, and assess curriculum that includes current technology, materials, and community resources. Using information from informal assessment techniques, the pre-service teacher will make sound instructional decisions. The planned curriculum will reflect the pre-service teacher’s understanding of the psychological and social development of the primary and preadolescent student. Using methods such as cooperative learning, the pre-service teacher will develop strategies that foster the inclusion of diverse learners and students of different cultures. The pre-service teacher will demonstrate ability to plan and teach both skills and content in the K-6 area while building a community of engaged learners. Included in this course will be a review of the philosophical underpinnings that drive education in the K-6 learning environment. Competency: Writing. Prerequisites: EDUC 200 and SPED 101. Offered every year.

HGLN 342. LEARNING ENVIRONMENTS 4-8.
This course is designed to prepare the 4-8 preservice teacher to apply curriculum principles and techniques in various learning environments with students of diverse abilities and needs. The preservice teacher will demonstrate ability to plan, implement, and assess curriculum that includes the current technology, materials and community resources. Using information from informal assessment techniques, the preservice teacher will make sound instructional decisions. The planned curriculum will reflect the pre-service teacher’s understanding of the psychological and social development of the preadolescent and adolescent student. Using methods such as cooperative learning, the preservice teacher will develop strategies that foster the inclusion of diverse learners and students of different cultures. The preservice teacher will demonstrate ability to plan and teach both skills and content within the 4-8 area while building a community of engaged learners. Included in this course will be a review of the philosophical underpinnings that drive education in the 4-8 learning environment. Prerequisites: completion of Education courses and screening into the Teacher Education Program and the Student Teaching Seminar.

HGLN 417. LITERACY THROUGH LANGUAGE ARTS.
This course provides a working knowledge of the instructional models and materials for teaching language arts in grades K-6. Preservice teachers will develop an understanding of writing development including language mechanics, appropriate grammar, and legible handwriting. Special emphasis will be placed on communication skills, diagnostic procedures, and evaluations. Media and technology will be explored to incorporate activities emphasizing the relationship between writing, listening, speaking, and reading activities. Multiple strategies and materials will be developed in the coursework for teaching these skills to at-risk students, students with disabilities, economically disadvantaged, and highly mobile students as well as intellectually gifted students and students from different racial and ethnic backgrounds. Reflections from practicum experiences will be utilized along with instructional practices. Competency: Analytical Reading. Prerequisites: EDUC 200 and SPED 101. Offered every year.

HUMANITIES

HUMA 222-223. CULTURAL AND LITERARY HERITAGE OF THE WEST I and II.
These courses focus on ideas central to the Western Tradition from its beginnings through contemporary times. By critically examining the art, literature, science, and philosophy in context of the general history of each period (I: early, Greek, Roman, Middle Ages; II: Renaissance, Age of Enlightenment, Contem- porary), patterns emerge that help explain our cultural and creative impulses in an historical context. Comprehensive history and art texts, as well as representative fictional and non-fictional authors of note from each period, will provide students with a reasonably all-inclusive overview of Western Tradition. Prerequisites: ENGL 110 and ENGL 111.
The mission of the Mass Media Department reflects Tusculum College’s commitment to the instillation of factual knowledge, the cultivation of habits of practical wisdom, and development of skills related to reflective thinking, all necessary for personal success in a democratic society. From the first radio class taught in 1947 and the first television programming originating from Tusculum College in the early 1950s to the formation of the Mass Media Department in 1982, Tusculum College has a long standing commitment to integrating technological advancements with its mission. The Mass Media Department celebrates the ever-changing nature of electronic media production, yet remains firmly grounded in tried and true methods of pedagogy that utilize hands-on training for equipment and software with a cooperative and active learning environment through a close mentorship with department’s faculty. Students receive the necessary support to master the technical aspects of the major in accordance to their individual needs and goals, as well as exercising aesthetic and creative knowledge of their crafts. In addition, students must demonstrate an understanding of the power of the media and the ethical consequence of their use of media on society.

The Mass Media Department is committed to the Tusculum College’s civic arts mission, reflecting its commitment both to integrity and to the development of strong citizenship. To that goal, the department welcomes the cultural and intellectual diversity of its students, faculty and staff and understands that this community emulates a microcosm of society as a whole. The department continually seeks to capitalize pedagogically on how the varied opinions, perspectives and foci from human interaction provide the skills necessary for active and engaged participation in a democratic society.

The Mass Media Department promotes a high standard of education, endorsing a balance between a liberal arts education and professional preparation. The Mass Media curriculum honors the college’s civic republican tradition of developing educated citizens distinguished by academic excellence, public service, and qualities of Judeo-Christian character. The Department acknowledges the trans-disciplinary nature of Mass Media, deriving its strength from the knowledge bases and methods of inquiry of the social sciences, humanities, and visual arts. The synergic cooperation with these diverse and long-standing intellectual traditions enables our majors to create and disseminate mass media messages as well as evaluate the consequences of their content. Students learn to treat their diverse, geographically dispersed audiences as human beings, someone to value rather than as something to manipulate.

The Mass Media Department embraces the concept that learning is motivated by a person’s desire to understand and to assume effective roles in society. The department encourages the freedom of inquiry and expression of all Mass Media students, utilizing this principle as a source of personal strength and enrichment, fostering students to develop to their full potential.

Admission Standard Policy
The Mass Media Department has set a standard of academic excellence, requiring students to demonstrate significant accomplishment for admission to the major. Students interested in pursuing a degree in the Mass Media Department must complete 32 hours of coursework before being considered for admission into the program. Students who want to enter the program must apply to the department after finishing the following:

• Successful completion of ENGL 111 and passage of an English Grammar test.
• Successful completion of MASS 221 Introduction for Mass Media with a “C” or better.
• Successful completion of their “gateway” Mass Media course, either MASS 251 Radio Operations I or MASS 210 Basic Video Production with a “C” or better.
• Submission of an application with examples of representative work.
• Completion of a work performance evaluation, determined by either work-study performance, performance in the MASS 101, Mass Media Practicum or by volunteer work done in the department.
• Achievement of a cumulative grade point average of 2.25, major G.P.A. 2.5.

Students enrolled in the honors program are exempt from taking the English Grammar test but they must complete all the other requirements to enter the major.

The Mass Media faculty will evaluate the student’s performance. If the faculty deems the student worthy, an invitation to join the major will be issued. Students will then be enrolled in MASS 201, Career Options in Mass Media, and will begin the process of selecting a course of study that relates to their intended career goals. Students will then begin to chart their future scholarship experiences based on their intended objective.

Once a student has joined the major, he/she will be required to maintain a 2.25 overall G.P.A. and a major G.P.A. of 2.50. Once a student has gone below a 2.25 overall G.P.A. or a major G.P.A. of 2.50, the student will receive a warning that he/she will be dropped from the major. At that point, the student will have one semester to bring up his/her G.P.A. to the required level or be dropped from the major.

In addition, students who do not continue to show proficient work as evaluated by the Mass Media faculty will be given one semester to improve their work performance or be dropped from the major. Exceptions to these policy may be made at the discretion of the Mass Media Department.

The Mass Media Curriculum
The Mass Media curriculum reflects the commitment of the department’s mission by offering at the core of the major a 26-credit component designed to provide through theoretical study the accumulation of factual knowledge and through practical hands-on experience the development of creative potential.
The department stresses critical thinking, and has designed several courses in the core curriculum to prepare students to be more knowledgeable, socially responsible producers and consumers of mass media. The curriculum emphasizes the significant cultural, social, political, and economic impact that the media’s role has in the formation of attitudes, values, and beliefs at the local, regional, national, and global levels.

The curriculum also includes courses designed to give the student practical experience to realize the actualization of their own creative works. Students are required to take MASS 101, Mass Media Practicum, which will serve as a rotating internship experience in multiple phases of studio and field electronic media productions and operations.

The department recognizes that the study of Mass Media is multi-dimensional, and the present Mass Media curriculum is subdivided into four concentrations of study.

The two major fields of concentration are:

- **Video Production** – This concentration covers all aspect of video production including in-depth course work training for students wishing to work behind the scenes in studio production, field production, or postproduction as well as performance skills training for students wishing to work in front of the camera as talent.
- **Radio Production** – This concentration allows students who have a strong interest in radio to gain experience and a deeper understanding of radio announcing, operation, and management.

The Mass Media Department also offers concentrations in two ancillary fields of study:

- **Broadcast News** – This concentration is based on sounds journalistic procedure and standard video and radio production techniques to produce news programs for radio and/or television mass markets.
- **Sports Broadcasting** – This concentration corresponds closely to real-world needs of commercial radio and television stations’ sports coverage, utilizing the state-of-the-art athletic facilities on campus to create sports programming.

The courses offered in these curricula span a wide variety of media subjects, including radio and television producing, directing, editing, and writing. In addition, students can also learn about other areas of mass media, including broadcast history, media criticism, media ethics, media law and policy, and broadcast operations.

Ultimately, the objective of the Mass Media Department is to provide students with a well-rounded education in which a high regard for professionalism and creative ability are fostered, while continually focusing on career-related goals and training. Near the end of their tenure at Tusculum College, seniors are required to demonstrate their preparedness to enter the job market or graduate school, by completing their “capstone” course, MASS 441 or MASS 442. In the course appropriate to their concentration, the student will make evident their preparedness to enter the job market by creating and producing a media project that demonstrates what they learned at Tusculum College. In addition, with Mass 401, Senior Mass Media Seminar, the students will prepare their professional resumes and portfolio for professional evaluation. Ultimately, students majoring in Mass Media will have the knowledge as well as skill needed for future employment in radio, television, film, journalism, advertising, and public relations industries as well as in business, law, government, and education, or further studies at the post-baccalaureate level.

Due to the convergent nature of Mass Media in recent years, students are encouraged to increase their marketability in the job market. One way of increasing this marketability is by taking multiple concentrations in the Mass Media curriculum. Additionally, students could consider adding a minor from another field of study, such as Business, Political Science or Psychology, or consider the Journalism concentration or minor, which is an interdisciplinary offering in the English Department.

Recognizing the importance of Mass Media skills in other professions, the department also offers a minor field of study in Mass Media. Students considering professions in Business, Law, Visual Arts, Creative Writing, and Education among others, may wish to enrich their fields of study with core classes in Mass Media.

**Mass Media Core**

- MASS 101 Mass Media Practicum (1 hour)
  (A total of 4 practicum hours required for graduation)
- MASS 201 Career Options in Mass Media Seminar (1 hour)
- MASS 221 Introduction to Mass Media
- MASS 401 Senior Mass Media Seminar (1 hour)

**Choose one of the following (depending on concentration):**

- MASS 210 Basic Video Production
- MASS 251 Radio Operations

**Choose one of the following:**

- MASS 303 Media and Society
- MASS 312 Cultural History of Broadcasting

**Choose one of the following:**

- MASS 423 Media Law
- MASS 424 Media Ethics

**Choose one of the following (depending on concentration):**

- MASS 441 Senior Video Project
- MASS 442 Senior Radio Project

**TOTAL:** 26 semester hours

**Video Production Concentration**

**Choose two additional courses in related fields**

- ENGL 230 Writing for the Screen
- ENGL 231 Introduction to Film
- JOUR 118 Introduction to Journalism
- MASS 215 Basic Photography
- MASS 251 Radio Operations I
- VISA 217 Graphic Design I

**Choose four of the following:**

- MASS 241 Broadcast News
- MASS 281 Video Post Production
- MASS 311 Photojournalism
- MASS 333 Video Field Production - Non Narrative
- MASS 335 Video Field Production - Narrative
- MASS 341 Video Studio Production
- MASS 343 Preproduction and Planning
- MASS 350 Special Topics in Mass Media (can be taken twice, different topics)
- MASS 431 Advanced Broadcast News Production
- MASS 432 Advanced Video Post Production and Motion Graphics
MASS 453 Television Internship (4-16 credits)
TOTAL: 50-62 semester hours

Radio Production Concentration
Choose two additional courses in related fields
ENGL 230 Writing for the Screen
ENGL 231 Introduction to Film
JOUR 118 Introduction to Journalism
MASS 210 Basic Video Production
MASS 215 Basic Photography
VISA 217 Graphic Design I
Choose four of the following:
MASS 241 Broadcast News
MASS 329 Radio Production I
MASS 350 Special Topics in Mass Media (can be taken twice, different topics)
MASS 351 Radio Operations II
MASS 431 Advanced Broadcast News Production
MASS 451 Radio Internship (4-16 credits)
TOTAL: 50-62 semester hours

Broadcast News Concentration
JOUR 118 Introduction to Journalism
MASS 241 Broadcast News
MASS 431 Advanced Broadcast News Production
Choose one additional course in related fields
ENGL 230 Writing for the Screen
ENGL 231 Introduction to Film
MASS 215 Basic Photography
MASS 251 or MASS 210 (Whichever was not chosen)
VISA 217 Graphic Design I
Choose two of the following:
JOUR 218 Specialized Journalism
JOUR 318 Nonfiction Markets
MASS 281 Video Post Production
MASS 311 Photojournalism
MASS 329 Radio Production I
MASS 333 Video Field Production - Non Narrative
MASS 341 Video Studio Production
MASS 343 Preproduction and Planning
MASS 350 Special Topics in Mass Media (can be taken twice, different topics)
MASS 351 Radio Operations II
MASS 432 Advanced Video Post Production and Motion Graphics
Or one of the following:
MASS 451 Radio Internship (4-16 credits)
MASS 453 Television Internship (4-16 credits)
TOTAL: 54-66 semester hours

Mass Media Minor
MASS 221 Introduction to Mass Media
Choose one of the following:
MASS 210 Basic Video Production
MASS 251 Radio Operations
Choose one of the following:
MASS 423 Media Law
MASS 424 Media Ethics
Plus two additional media courses selected in accordance with the student’s interest and in consultation with the Department Chair.
TOTAL: 20 semester hours

Recommended electives
The following additional electives are recommended for all concentrations:
BUSN 210 Principles of Management
BUSN 305 Principles of Marketing
ENGL 220 Creative Writing
ENGL 230 Writing for the Screen
JOUR 113. Newspaper Production (activity course)
JOUR 218 Specialized Journalism
MASS 315 Creative Photography
MUSC 101 Introduction to Western Music
PSYC 101 Essentials of Psychology
SOCI 101 Introduction to Sociology
SOCI 105 Contemporary Social Problems
SPAN 101-102 Elementary Spanish
THEA 104 Introduction to Theatre
THEA 190 Theatrical Production (activity course)
VISA 111 Basic Design

Sports Broadcasting Concentration
MASS 309 Sports Announcing (3 credit hours)
PHED 289 Sports Officiating Practicum (1 credit hour)
PHED 290 Officiating of Games and Sports (3 credit hours)
PHED 215 Sport and Society (3 credit hours)
Plus two one-hour lab courses:
MASS 321 Football Play-by-play
MASS 322 Baseball & Softball play-by-play
MASS 323 Basketball play-by-play
MASS 324 Soccer play-by-play
Choose one additional course in related fields
ENGL 230 Writing for the Screen
ENGL 231 Introduction to Film
JOUR 118 Intro to Journalism
MASS 210 or MASS 251 (Whichever was not chosen)
MASS 215 Basic Photography
VISA 217 Graphic Design I
Choose two of the following:
MASS 241 Broadcast News
MASS 281 Video Post Production
MASS 329 Radio Production
MASS 333 Video Field Production - Non Narrative
MASS 341 Video Studio Production
MASS 431 Advanced Broadcast News Production
MASS 350 Special Topics in Mass Media (can be taken twice, different topics)
MASS 351 Radio Operations II
MASS 432 Advanced Video Post Production and Motion Graphics
Or one of the following:
MASS 451 Radio Internship (4-16 credits)
MASS 453 Television Internship (4-16 credits)
TOTAL: 50-62 semester hours
Students taking the Broadcast News track are encouraged to take additional Journalism and production courses.

Students taking the Sports Broadcasting track are encouraged to take an additional Sports Officiating Practicum and one or two additional play-by-play lab courses.

**Course Descriptions**

**MASS 101. MASS MEDIA STUDIO PRACTICUM.** 1 hour.
A one-hour mass media activity course that provides students with experience in some area of radio or television production, including pre-production, production or postproduction. Students will complete a minimum of 40 hours of work, which may include experience in or as on-air or off-camera talent, deejaying, news production teams, camera operation, audio technicians, editors, directors, producers and other technical support. Competency: Civility. Prerequisite: Students who have not had MASS 210 or MASS 251 will be required to take in-house training before being able to operate some equipment. Course can be repeated for up to 8 hours. Only 4 hours apply towards the major.

**MASS 201. CAREER OPTIONS IN MASS MEDIA SEMINAR.** 1 hour.
The purpose of this course is to provide students admitted into the Mass Media program with an early exposure to the various career choices in radio and television and allow them to develop educational and career goals. Students will learn how to manage their portfolios, plan their internships, and create the different academic experiences and performances in mass media and the liberal arts that will facilitate entry into the work force, or entry into a post-baccalaureate education or both. Competency: Self-Knowledge. Prerequisite: Admission to the program. Offered every year. One hour course.

**MASS 210. BASIC VIDEO PRODUCTION.**
An introduction to video production techniques including scripting, storyboarding, use of camera, lighting, editing and producing. Competency: Civility. Offered every year.

**MASS 215. BASIC PHOTOGRAPHY.**
An introduction to the proper use of cameras, compositional techniques, film development, negative scanning and digital editing of still photographs using contemporary computer software. Competency: Public Speaking. Offered every year.

**MASS 221. INTRODUCTION TO MASS MEDIA.**
A study of the history and consequences of mass media’s shrinking world, how mass media affects each of us individually and why we as citizens need to become better informed and better prepared to deal with such issues as media imperialism and electronic colonialism in the emerging new world order. Competency: Writing. Offered every year.

**MASS 241. BROADCAST NEWS.**
Students will focus on the writing, editing and presentation of news and feature stories. Prerequisite: JOUR 118, MASS 210 or MASS 251. Competency: Writing. Offered every year.

**MASS 251. RADIO OPERATIONS I.**
Hands-on experience in broadcasting. Students will go “on the air” and learn how to operate broadcast equipment, process radio logs, read spots, and produce musical radio shows. Emphasis will be placed on preparation, delivery, pronunciation and creativity. (Recommended for all freshmen considering a Mass Media major). Competency: Writing. Offered every year.

**MASS 281. VIDEO POST PRODUCTION.**
An introduction to linear and non-linear editing, including character generation, special effects and video transitioning. Prerequisite: MASS 210. Competency: Civility. Offered every year.

**MASS 303. MEDIA AND SOCIETY.**
This course examines the concepts and principles of contemporary media in an effort to analyze the causal interrelationship between mass media and our society. Prerequisite: MASS 221. Competency: Critical Analysis. Offered every year.

**MASS 309. SPORTS ANNOUNCING.** 3 credit hours.
An introduction to Sports Broadcasting: interview techniques, writing, and game and on-air preparation including the collection, review, understanding and use of game statistics. Prerequisite: PHED 290. Competency negotiated. Offered every year.

**MASS 311. PHOTOJOURNALISM.**
An intermediate-level photography course with an emphasis on photography as a medium of communication through content and technique. Students will be charged a $35.00 lab fee to defray costs of materials. Competency: Public Speaking. Prerequisite: MASS 215, Level II Writing or permission of instructor. Offered every year.

**MASS 312. CULTURAL HISTORY OF BROADCASTING.**
This course will use a chronological structure to critically examine the symbiotic interplay between culture and mass media technology. This course will provide students with a greater understanding and appreciation of the historical development of broadcasting in the United States in socio-cultural, political and economic contexts. Competency: Critical Analysis. Prerequisite: MASS 221 or permission of the instructor. Offered every other year.

**MASS 315. CREATIVE PHOTOGRAPHY.**
A continuation of Basic Photography with a greater focus on the traditional non-digital printing process, its methods and special effects. The course will also study the process of understanding and criticizing photographs including the works of noted photographers. Students will be charged a $35.00 lab fee to defray costs of materials. Prerequisite: MASS 215. Competency: Public Speaking. Offered every year.

**MASS 321. FOOTBALL PLAY-BY-PLAY.** 1 hour.
Students will participate in the actual announcing of live football games, following action and providing color commentary. Prerequisites: PHED 290, MASS 309. Offered every fall.

**MASS 322. BASEBALL/SOFTBALL PLAY-BY-PLAY.** 1 hour.
Students will participate in the actual announcing of live baseball/
softball games, following action and providing color commentary. Prerequisites: PHED 290, MASS 309. Offered every spring.

**MASS 323.** BASKETBALL PLAY-BY-PLAY. 1 hour.
Students will participate in the actual announcing of live basketball games, following action and providing color commentary. Prerequisites: PHED 290, MASS 309. Offered every spring.

**MASS 324.** SOCCER PLAY-BY-PLAY. 1 hour.
Students will participate in the actual announcing of live soccer games, following action and providing color commentary. Prerequisites: PHED 290, MASS 309. Offered every fall.

**MASS 329.** RADIO PRODUCTION.
Practical experience in radio production techniques utilizing major formats currently in demand by commercial and noncommercial radio stations. Productions will include spots, taped interviews, and programming techniques. Emphasis will be placed on the writing and broadcasting of material that is both informative and entertaining. Competency: Analytical Reading. Prerequisites: MASS 221, 251 or permission of instructor. Offered every year.

**MASS 333.** VIDEO FIELD PRODUCTION: NON-NARRATIVE.
This field production course focuses on creating non-narrative video from a previously non-scripted format to completion. The course will develop students’ abilities in the aesthetic, practical and interpersonal aspects of creating effective field productions. The focus will be on theory and practice of location lighting, interviewing talent, production management, and the collaborative process. The course consists of a group experience in which students participate in the production of a department-sponsored video program. Competency: Civility. Prerequisites: MASS 210, MASS 281 or permission of the instructor. Offered every other year.

**MASS 335.** VIDEO FIELD PRODUCTION: NARRATIVE.
This field production course focuses on creating narrative fiction and non-fiction from script to screen. The course will develop students’ abilities in the aesthetic, practical and interpersonal aspects of creating effective field productions. The focus will be on theory and practice of location lighting, directing actors, production management, and the collaborative process. The course consists of a group experience in which students participate in the production of a department-sponsored video program. Competency: Civility. Prerequisites: MASS 210, MASS 281 or permission of the instructor. Offered every other year.

**MASS 341.** VIDEO STUDIO PRODUCTION.
An introduction to the in-studio production process that includes technical direction, camera operations, studio management, sound, lighting, audio and on-camera announcing. Competency: Civility. Prerequisite: MASS 210. Offered every year.

**MASS 343.** VIDEO PRE-PRODUCTION AND PLANNING.
This course presents an overview of the art and business of producing a video project. Students will undertake all preproduction phases for a video project and will complete a pre-production plan for a single original video. Students must provide a short script at first meeting. Competency: Civility. Prerequisites: MASS 210, ENGL 230, or permission of the instructor. Offered every other year.

**MASS 350.** SPECIAL TOPICS IN MASS MEDIA.
The purpose of this course is to offer students opportunities to engage in advanced study related to other course offerings. The topics examined in this course will be flexible to the interest of the students and faculty. The course instructor will choose the topics which may include various areas of video or radio production, sports broadcasting or a theoretical area of mass media research. This course will emphasize advanced readings and research, and intensive study. This course may be repeated once with a different topic for a total of 8 credit hours. Competency: Negotiated. Prerequisites: Specific prerequisites vary with each topic; MASS 221 and Junior standing (preferred) or permission of the instructor. Offered every year.

**MASS 351.** RADIO OPERATIONS II.
A continuation of MASS 251 with additional focus on managerial duties, i.e., program directing, sales, and station management. Competency: Analytical reading. Prerequisite: MASS 329. Offered every year.

**MASS 401.** SENIOR MASS MEDIA SEMINAR. 1 hour.
The culminating course for Mass Media students, this seminar will help students to organize and complete their portfolio, while exploring options for further study or employment in their chosen field of concentration. Students will prepare professional presentations and solicit reviews of their portfolios for presentation. Students must have senior status and be finished with all classes at and below the 300 level before scheduling this course. Competency: Self-Knowledge. Prerequisites: Senior status with completion of all classes at and below the 300 level or permission of the instructor. One hour course.

**MASS 423.** MASS MEDIA LAW.
This course presents an analysis of the key constitutional, legal and policy influences on mass media. The course introduces students to First Amendment doctrines and issues concerning freedom of expression, including libel, obscenity, invasion of privacy, shielding of sources, freedom of the press, copyright and government regulation. This course explains the applications of the law to the work of all mass media professionals. A component of Media Ethics will also be included in this class. Competency: Ethics of Social Responsibility. Prerequisite: Admission to the program and Junior Status, or permission of the instructor. Offered every other year.

**MASS 424.** MASS MEDIA ETHICS.
This course teaches students to recognize the significant ethical issues faced by media practitioners. Students will use the study of moral philosophy and moral reasoning as foundation to develop ethical awareness of the mass media, by promoting critical thinking and engaging in moral discourse. A component of Media Law will also be included in this class. Competency: Ethics of Social Responsibility. Prerequisite: Admission to the program and Junior Status, or permission of the instructor. Offered every other year.
MASS 431. ADVANCED BROADCAST NEWS PRODUCTION.
This course begins where MASS 241 Broadcast News finished. The course continues to focus on writing for broadcast news, but emphasizes field reporting, field production techniques, and producing and anchoring a daily newscast. Students will be required to run the student news desk and produce a daily broadcast news show in order to complete the course. In addition, this course will allow students to critically analyze broadcast material and understand the unique role of broadcast news in society. Competency: Civility. Prerequisite: MASS 210 or MASS 251 and MASS 241. Offered every other year.

MASS 432. ADVANCED POST-PRODUCTION AND MOTION GRAPHICS.
This course is a continuation of MASS 281, Video Post-Production. This course teaches students advanced post-production techniques and addresses new technologies and procedures used in professional post environments. The student will also develop a command of several methods of producing 2D and 3D graphics specifically designed for video using Adobe After Effects. Students will create original editing projects using techniques learned in class. Studio work required in addition to class time. Competency: Civility. Prerequisites: MASS 281 and VISA 214. Offered every other year.

MASS 441. SENIOR VIDEO PROJECT.
Students will originate, script, direct, and edit a television project designed to demonstrate their acquired knowledge and skills of the discipline, their creative abilities, and their technical expertise in state-of-the-art editing. Project subject and format are at the discretion of the instructor and the student and can include broadcast news, sports broadcasting or narrative/non-narrative production styles. Public exhibition and a production thesis are requirements for completion of this course. Competency: Self-Knowledge. Prerequisites: Senior mass media student and permission of instructor. Offered every year.

MASS 442. SENIOR RADIO PROJECT.
Students will originate, script, direct, and edit a radio project designed to demonstrate their acquired knowledge and skills of the discipline, their creative abilities, and their technical expertise in state-of-the-art editing. Project subject and format are at the discretion of the instructor and the student and can include broadcast news, sports broadcasting or narrative/non-narrative production styles. Public exhibition and a production thesis are requirements for completion of this course. Competency: Self-Knowledge. Prerequisites: Senior mass media student and permission of instructor. Offered every year.

MASS 451. RADIO INTERNSHIP.
The internship in radio provides advanced students on-the-job working experience in a radio station. Students may elect to work on or off campus in standard radio production, broadcast news, sports broadcasting, or another area of the audio/radio industry. They will be guided and their progress will be evaluated both by their on-site supervisor and their major professor. Competency: Self-Knowledge. Prerequisites: Admission to the department, Senior standing as a mass media major, and written permission of the instructor. A minimum grade point average of 2.75 in the major is required for an off-campus placement. Offered every year. (4-16 hours)

MASS 453. TELEVISION INTERNSHIP.
The internship in television provides advanced students on-the-job working experience in a television or video production facility. Students may elect to work on or off campus in standard video production, broadcast news, sports broadcasting, or another area of the film/video/television industry. They will be guided and their progress will be evaluated both by their on-site supervisor and their major professor. Competency: Self-Knowledge. Prerequisites: Admission to the department, Senior standing as a mass media major, and written permission of the instructor. A minimum grade point average of 2.75 in the major is required for an off-campus placement. Offered every year. (4-16 hours)

MASS 454. PUBLIC RELATIONS INTERNSHIP.
An off-campus working experience in a public relations office. This course is graded Pass/Fail. Prerequisites: Senior standing as a Mass Media major with a minimum overall G.P.A. of 3.2 and written permission of the instructor. Competency negotiated. Offered on demand.

MASS 455. ADVANCED BROADCAST NEWS PRODUCTION.
This course picks up where MASS 241 left off. Students will receive training in writing for broadcast news, but emphasizes field reporting, field production techniques, and producing and anchoring a daily newscast. Students will be required to run the student news desk and produce a daily broadcast news show in order to complete the course. In addition, this course will allow students to critically analyze broadcast material and understand the unique role of broadcast news in society. Competency: Civility. Prerequisite: MASS 210 or MASS 251 and MASS 241. Offered every other year.

MATHEMATICS

Mathematics is an essential tool used in most areas of study. In addition to the major and minor in mathematics, we offer a variety of courses to meet the needs of other disciplines.

The mathematics major is designed to meet the needs of students who wish to a) pursue graduate study in the mathematical sciences, b) find mathematics-related employment in business or industry, c) teach mathematics at the secondary level, or d) acquire mathematical tools for use in the physical, social, or life sciences. The Computer Science Concentration described below gives the student majoring in mathematics the chance to add a solid computing component to the program.

Students are also offered an opportunity to minor in mathematics or to design an independent program of study by combining mathematics and any other approved program of study. The required courses for a minor are listed in this section.

The curriculum of the mathematics program is designed to help develop and maintain critical thinking, analytical reading, and public speaking skills. Service-learning and community involvement are important components of the curriculum and should be encouraged at every opportunity.

Mathematics Major
The following four courses:
MATH 104 Calculus I
MATH 204 Calculus II
MATH 300 Elementary Differential Equations
MATH 304 Calculus III
One of the following science sequences:
(a) CISC 105, CISC 110, CISC 210

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Mathematics Minor
MATH 104 Calculus I
MATH 204 Calculus II
Any other MATH course higher than 102
Any other two MATH courses at the 300 level
TOTAL: 20 semester hours

Mathematics Teaching Licensure – Grades 7-12
The following program leads to licensure for teaching Mathematics in grades 7-12 and is comprised of 149 semester hours, as follows:

Major 52
Professional Education 36
General Education 61

Major Curriculum
EDUC 419 Content Area Reading
MATH 104 Calculus I
MATH 204 Calculus II
MATH 300 Elementary Differential Equations
MATH 304 Calculus III
One of the following sequences:
CISC 105 Problem Solving and Algorithm Development and
CISC 110 Introduction to Programming I or
CHEM 101-102 General Chemistry I and II or
PHYS 101-102 General Physics I and II or
Any six of the following:
(♦ highly recommended for Praxis preparation)
♦ MATH 103 Trigonometry
♦ MATH 111 Finite Mathematics
♦ MATH 205 Geometry
♦ MATH 215 Elementary Statistics
♦ MATH 301 Abstract Algebra
♦ MATH 320 Discrete Mathematics
♦ MATH 350 Linear Algebra
♦ MATH 360 Numerical Analysis
♦ MATH 405 Complex Analysis
MATH 410 Partial Differential Equations
MATH 415 Differential Equations II
MATH 450 Independent Study
TOTAL: 48 or 52 semester hours

Requirements for teaching licensure in Tennessee may include: MATH 111, 205, and 215, National Teacher’s Exam (NTE) Math specialty exams (code 10061, minimum score of 136; code 20065, minimum score of 125), and student teaching; see EDUCATION section of the catalog for details.

Mathematics Education Minor
MATH 103 Trigonometry
MATH 104 Calculus I
MATH 111 Finite Mathematics
MATH 204 Calculus II
MATH 205 Geometry
MATH 350 Linear Algebra
EDUC 342 Learning Environments 7-12 or
EDUC 341 Learning Environments K-6
TOTAL: 28 semester hours

Computer Science Concentration
MATH 104 Calculus I
MATH 204 Calculus II
MATH 300 Elementary Differential Equations
MATH 304 Calculus III
CISC 105 Introduction to Problem Solving

Computer Science Concentration
MATH 104 Calculus I
MATH 204 Calculus II
MATH 300 Elementary Differential Equations
MATH 304 Calculus III
CISC 105 Introduction to Problem Solving
CISC 110 Introduction to Programming I
CISC 210 Data Structures
Choose six courses from the following list:
MATH 103 Trigonometry
MATH 111 Finite Mathematics
MATH 205 Geometry
MATH 215 Elementary Statistics
MATH 301 Abstract Algebra
MATH 320 Discrete Mathematics
MATH 350 Linear Algebra
MATH 360 Numerical Analysis
MATH 405 Complex Analysis
MATH 410 Partial Differential Equations
MATH 415 Differential Equations II
MATH 450 Independent Study
The following three Computer Science Concentration courses:
CISC 215 Database Management
CISC 310 Data Communication and Networking
CISC 370 File Processing
and choose one of the following:
CISC 254 Computer Organization/Assembly Language
CISC 311 Systems Analysis and Logical Design
CISC 350 Special Topics in Languages
CISC 400 Hardware and Software Systems
CISC 410 Operating Systems
TOTAL: 68 semester hours

Computer Science Minor
CISC 105 Problem Solving and Algorithm Development
CISC 110 Introduction to Programming I
CISC 210 Data Structures and Algorithm Analysis
CISC 215 Database Management
either CISC 200 Management Information Systems and Systems Analysis or CISC 311 Systems Analysis and Logical Design
and one 300 level CISC course.
TOTAL: 24 semester hours
Please see COMPUTER INFORMATION SYSTEMS (pp. 52-53) for course descriptions.

Course Descriptions

MATH 101. BASIC MATHEMATICS.
This course is designed to develop an interest in mathematics and to provide the basic tools for further study of mathematics, starting with a review of arithmetic and proceeding through elementary algebra. Basic descriptive statistics is also included. Competency: Mathematics. Prerequisite: none. Offered every year.

MATH 102/CMNS 102. COLLEGE ALGEBRA.
The course covers college algebra, functions (including polynomial, exponential, and logarithmic) and applications to business and the natural, physical, and social sciences. Competency: Mathematics 2a (algebra). Prerequisite: Math 101 or ACT Math score of 21 to 23. Offered every year.

MATH 103. TRIGONOMETRY.
Trigonometric functions, identities and inverse function; trigonometry of triangles, zeros, or higher degree polynomials, and other selected topics in algebra. Competency: Critical Analysis.
Prerequisite: ACT Math score greater than 26 or permission of instructor. Offered every year.

MATH 104. CALCULUS I.
Introduction of calculus including limits, differentiation, integration, and analytic geometry. Applications (both traditional and modern) appear throughout, including examples from geometry, economics, and physics. The graphing, functional, and programming features of graphing calculators will be employed to enhance the understanding and application of calculus. Competency: Mathematics. Prerequisite: MATH 103 or ACT Math score greater than 26 or permission of the instructor. Offered every year.

MATH 109. PRE-CALCULUS.
An intense review and extension of the aspects of algebra and geometry that are most important in the study of calculus; an introduction to new ideas necessary for the study of calculus such as limit, continuity, and composition of functions. Competency: Mathematics. Prerequisite: MATH 103 or ACT Math score of 24 to 26 or permission of instructor.

MATH 111. FINITE MATHEMATICS.
This course introduces the student to several of today’s main areas of applications of algebra to represent and solve problems, using technology as appropriate. These include linear models, systems of linear equations, linear programming, probability and counting, matrices, Markov chains, and mathematics of finance. The student will apply some common and less common algorithmic processes to solve families of problems, using mental strategies, technology, and paper and pencil to understand and solve problems. Competency: Mathematics. Prerequisite: MATH 102 or permission of the instructor.

MATH 204. CALCULUS II.
Continuation of differential and integral calculus. Topics include integration, numerical integration, logarithm and exponential functions, Taylor’s theorem, and series. Competency: Mathematics. Prerequisite: MATH 104. Offered every other year.

MATH 205. GEOMETRY.
An introduction to the formulas, proofs, and geometric reasoning of Euclidean geometry with a brief introduction to non-Euclidean geometry. Spatial reasoning, geometric models, and manipulatives will be used to analyze shapes, measurements, and geometric problems as appropriate. Competency: Mathematics. Prerequisite: MATH 102. Offered every year.

MATH 215. ELEMENTARY STATISTICS.
Introduction to descriptive and inferential statistics using mainly parametric methods. Some of the major areas covered are: measures of central tendencies, measures of dispersion, distributions (such as frequency, normal, binomial, and probability), correlation, regression, and hypothesis testing. Competency: Mathematics. Prerequisites: MATH 102. Offered every year.

MATH 300. ELEMENTARY DIFFERENTIAL EQUATIONS.
Methods of solution, computations, and applications of first order and linear second order differential equations including analysis, programming, and testing of iterative and recursive

MATH 301. ABSTRACT ALGEBRA.
This course in abstract algebra (modern algebra) introduces the abstract concepts of mapping, operation, equivalence, congruence, and divisibility. Rings and integral domains will be discussed briefly, and the fundamental concept of groups will be developed thoroughly. Examples (such as permutation and symmetry groups) will be used to illustrate abstract notions (such as subgroup, coset, and isomorphism) as these are developed. The study of abstract ideas of number theory will be enhanced by analyzing concrete examples of abstract ideas. Competency: Self-knowledge. Prerequisite: MATH 104. Offered every other year.

MATH 304. CALCULUS III.
Continuation of differential and integral calculus. Topics include parametric equations, vector geometry, curves and surfaces in space, partial derivatives, and multiple integration. Calculator or computer lab projects will constitute a portion of the course. Competency: Public Speaking. Prerequisite: MATH 204. Offered every other year.

MATH 320. DISCRETE MATHEMATICS.
This course provides the foundation essential for reasoning in mathematics and in computer science. Topics include propositional and predicate logic, proof of strategies and induction, sets, functions, and recursion. Competency: Mathematics. Prerequisite: MATH 104.

MATH 350. LINEAR ALGEBRA.
This course includes the study of matrices, determinants, systems of equations, vector spaces, and linear transformations. Competency: Critical Analysis. Prerequisite: MATH 104. Offered every other year.

MATH 360. NUMERICAL ANALYSIS.
This is a course in the theory and applications of numerical analysis. The main topics covered are: iterative solutions of equations, polynomial approximation, numerical integration, initial value problems, iterative methods for solving linear systems, and approximation theory. Several other topics in numerical analysis will be treated briefly. Competency: Mathematics. Prerequisites: MATH 104 and a programming language course or permission of the instructor. Offered every other year.

MATH 405. COMPLEX ANALYSIS.
Geometric properties of elementary complex functions (exponential, trigonometric, etc.). Conformal mapping, complex analytic functions. Competency: Mathematics. Prerequisite: MATH 104 or permission of instructor.

MATH 410. PARTIAL DIFFERENTIAL EQUATIONS.
Constructing and solving of partial differential equations for modeling physical systems. Periodic functions and Fourier transformations. Competencies: Mathematics. Prerequisite: MATH 300 or permission of instructor.

MATH 415. DIFFERENTIAL EQUATIONS II.

MATH 425. MATHEMATICS APPLICATIONS IN THE REAL WORLD.
This course provides a working knowledge of the basic theories, instructional models, and materials for teaching mathematics in grades PreK-6. Students will develop an understanding of how algebraic, geometric, and arithmetic ideas are created, described, disseminated, and refined. Special emphasis will be placed on interpreting information presented graphically, numerically, and scientifically in real-life situations. Problem-solving and reflections on solutions will be applied to instructional practices. Practicum experience included. Competency: Mathematics.

MATH 450. INDEPENDENT STUDY IN MATHEMATICS.
A student-initiated request to study some aspect of mathematics not covered in-depth in a regular course. The work will be accomplished under the direction of an advisor and may terminate in a formal paper. Competency: Writing. Prerequisite: MATH 104.

MEDICAL TECHNOLOGY
Please see BIOLOGY for Medical Technology Studies.
**Museum Studies**

The Museum Studies Program provides students with the academic training and hands-on experiences to become museum professionals. Students develop an understanding of the important role of museums, and they acquire the skills and knowledge to serve their communities as museum administrators, curators, and educators. As a result of their learning experience, students are prepared to assume positions of responsibility in museums and other not-for-profit organizations. A primary focus of the program is to prepare students to work in museums with a small staff of paid or volunteer professionals. The program also prepares students who choose to continue their professional development at the graduate level.

The Museum Studies Program operates two museums and the College’s archives through which students gain valuable experience. The Doak House Museum, home (ca. 1830) of the College’s co-founder, hosts over 9,000 school children a year. The President Andrew Johnson Museum and Library is located in “Old College.” This 1841 academic building houses personal memorabilia of the Johnson family and the President’s personal library. The Department of Museum Program and Studies also has an active changing exhibition program and outreach programming.

Courses are designed so that students transferring at the Junior level can complete the major requirement in two years. Students with museum work experience may apply for experiential learning credit in consultation with the Director. Most courses require participation in field trips and attendance at professional conferences.

Courses in the Museum Studies program are taught by Tusculum College faculty and visiting professionals in the field.

### Museum Studies Major

- BUSN 211 Accounting Principles I
- MUSE 101 Introduction to Museum Studies
- MUSE 201 Curatorial and Collection Management
- MUSE 202 Architecture and Historic Preservation
- MUSE 310 Development of Exhibits
- MUSE 340 Interpretation and Museum Education
- MUSE 401 Seminar on Non-Profit Management
- MUSE 402 Museum Internship (12 semester hours minimum)

**TOTAL:** 40 semester hours (minimum)

Students in the Museum Studies Program are encouraged to take the following courses as electives:

- MUSE 320 Archival Management and Conservation
- HIST 322 Modern America

Students in the Museum Studies Program are strongly encouraged to take the following courses in other departments:

- MASS 215 Basic Photography
- PSYC 215 Cross Cultural Psychology

A selection of the following courses is recommended to help strengthen the Museum Studies major, depending on field of interest:

- BUSN 210 Principles of Management
- BUSN 312 Organizational Behavior

### Required Courses

**BUSN 322 Principles of Finance**

**CISC 200 Management Information Systems and Systems Analysis**

**ENGL 227 Appalachian Literature**

**ENGL 228 African-American Literature**

**ENGL 300 Women in Literature**

**HIST 201-202 U.S. History Survey I & II**

**HIST 305 The History of the Modern South**

**HIST 323 The Era of the Civil War & Reconstruction**

**PSYC 101 Essentials of Psychology**

### Minor in Museum Studies

A minor in Museum Studies is available to students majoring in History, Visual Arts with a Fine Arts Concentration, and Field Guide Naturalist.

### Required Courses

- MUSE 101 Introduction to Museum Studies
- MUSE 201 Curatorial and Collection Management
- MUSE 310 Development of Exhibits
- MUSE 340 Interpretation and Museum Education

Choose one of the following:

- VISA 111 Basic Design
- MUSE 202 Architecture and Historical Preservation
- MUSE 320 Archival Management and Conservation
- MUSE 401 Seminar on Non-Profit Management

**TOTAL:** 20 semester hours

### Course Descriptions

**MUSE 101. INTRODUCTION TO MUSEUM STUDIES.**

This introductory survey of the museum profession will cover types of museums and their philosophy, history, functions and goals, responsibilities to the profession and to the public’s continuing education, public perception of museums, and how to win community support. Field trips will be taken to sites in the area to study various methods of museum operations. Competency: Analytical Reading. Offered every year.

**MUSE 201. CURATORIAL AND COLLECTION MANAGEMENT.**

The collecting, cataloging, researching, and conserving of two-dimensional and three-dimensional artifacts are basic to all museums and historical societies. The class will study types and use of collection records and the legal aspects and liabilities of collections. A field trip will study various methods of cataloging and collection management. Basic precepts of conservation will be practiced with the completion of a project required. Competency: Analytical Reading. Prerequisite: MUSE 101 or permission of instructor. Offered every other year.

**MUSE 202. ARCHITECTURE AND HISTORIC PRESERVATION.**

The styles and types of buildings and how they reflect cultural values will be studied. The course will review various methods used to preserve, restore, and maintain the buildings. Field trips will be taken to various buildings in the area to study their historic value and potential for adaptive use. Competency: Critical Analysis. Pre-requisite: MUSE 101 or permission of instructor. Offered every other year.
MUSE 310. DEVELOPMENT OF EXHIBITS.
The background, planning, and philosophy for an exhibit area and the development of a storyline for the museum and individual exhibits therein will be examined. The class will explore the many different ways in which an individual artifact may be displayed to illustrate a concept or principle. A project of planning and building a museum exhibit, including the mechanics of labeling and lighting, will be required. Competency: Writing. Prerequisite: MUSE 201 or permission of instructor. Offered every other year.

MUSE 320. ARCHIVAL MANAGEMENT AND CONSERVATION.
This course will introduce the student to archival processing and conservation of manuscripts, cataloging and preserving of photographs, and methods of genealogical research. A field trip to study different management technologies will be required. For a project, students will process and preserve historically important papers. Competency: Critical Analysis. Prerequisite: MUSE 201 or permission of instructor.

MUSE 340. INTERPRETATION AND MUSEUM EDUCATION.
The social and cultural life of the region is reflected through the talk and action of its people. This course will formulate plans and implement a program to interpret this culture to present-day audiences, both adult and children, through the use of artifacts and interpreters. A major field trip will be taken to compare various methods of interpretation and various education programs in museums. Competency: Ethics of Social Responsibility. Prerequisite: MUSE 310 or permission of instructor. Offered every other year.

MUSE 350. SPECIAL TOPICS.
The purpose of this course is to offer students opportunities to engage in selected study that includes mini-research projects into the actual problems encountered in a museum. This course may be taken for credit multiple times on various topics. Competency: negotiated. Prerequisites: MUSE 101.

MUSE 401. SEMINAR ON NONPROFIT MANAGEMENT.
This survey of museum organization covers policies, ethics, types of authority, relations to the public and supporters, budgets, fund accounting, fund-raising, and long-range planning. The course will explore museum marketing, government relations, and job opportunities in the field. The course will include attendance at a museum association meeting. Competencies: Self-Knowledge and Ethics of Social Responsibility. Prerequisites: MGMT 211 and three courses from the MUSE 200-300 series, or permission of instructor.

MUSE 402. MUSEUM INTERNSHIP. Minimum 12 semester hours.
This internship will be under the guidance of faculty in an actual museum setting, putting into practice all the previous courses and introducing the student to the professional museum world. Content of each internship will be based upon a contractual agreement between the student, the museum, and the Director of Museum Studies. The student’s grade will reflect input from outside evaluators. Competency: Civility. Prerequisites: 3 courses from the MUSE 200-300 series or permission of instructor.

MUSE 450. INDEPENDENT STUDIES – MUSEUM RESEARCH.
This course is designed to give the student advanced experience in research, analysis, and writing about a special project to be used by a museum. Topics or subjects selected governed according to the interests and specialties of faculty and students. Student will meet with faculty periodically to review progress. Competency: negotiated. Prerequisites: at least 12 credit hours in museum studies and permission of the instructor.

MUSIC

In addition to the introductory course, MUSC 101, students may choose applied study of guitar, piano, organ, or voice. All students are encouraged to participate in the choral ensembles of the College.

COURSE DESCRIPTIONS—PERFORMING ORGANIZATIONS

NOTE

Students registering for performing organizations receive one semester hour for work over an entire semester (Blocks 1-4 or Blocks 5-8). Students may sign up in Block 1 or 5 and will receive their grade in Blocks 4 or 8 respectively.

MUSC 190. TUSCULUM COLLEGE CHOIR. 1 semester hour.
The College Choir is open to all students, faculty, and staff with an interest in choral singing. Choral literature from several musical style periods will be studied and performed, as appropriate to the skill level of the ensemble. The Choir performs a Christmas Concert and Spring Concert each year, with additional performances for area churches. The Choir may also tour in spring, depending on the level of performance excellence achieved. No previous musical background is required. Members need only to be able to match pitch. NOTE: a maximum of 8 hours combined credit from MUSC 190, 191, 192 may be applied to graduation. Prerequisite: Permission of instructor. Offered every semester.

MUSC 192. TUSCULUM COLLEGE COMMUNITY CHORUS. 1 semester hour.
The Tusculum College Community Chorus is open to all adults with an interest in choral singing. No audition is required. The Chorus rehearses two hours each Monday evening and performs a winter and spring concert. NOTE: a maximum of 8 hours combined credit from MUSC 190, 191, 192 may be applied to graduation. Prerequisite: Permission of instructor. Offered every semester.

COURSE DESCRIPTIONS—ACADEMIC COURSES

MUSC 101. INTRODUCTION TO WESTERN MUSIC.
Specific focus on the music of western culture. Primary emphasis on the art music of the last five centuries, with additional coverage of the development of jazz in the past century. Con-
Connections will be made between the music and the societies that form its context. A small fee may be required to cover concert admission on field trips.

MUSC 450. INDEPENDENT STUDY. 1-4 semester hours. May be repeated for credit to a maximum of 8 hours. Independent applied or academic work planned by the individual student with the aid and advice of the appropriate instructor. Emphasis on concentrated study in an area of music beyond the realm of the present curriculum. Competency: Critical Analysis. Prerequisite: permission of the instructor.

**Course Descriptions—Applied Music**

Notes on applied music study:
1. Students registering for performing organizations or applied music courses receive 1 semester hour for work over an entire semester (Blocks 1-4 or Blocks 5-8). Students may sign up in Block 1 or 5 and will receive their grade in Block 4 or 8 respectively.
2. Applied music study entails a special fee. See fee section of the catalog.
3. A minimum of five hours weekly practice is expected for each credit of registration. Students not willing to practice are advised not to register for applied music credit.
4. For each registration, students will receive twelve 1/2 hour lessons per semester.
5. Students are admitted to organ study upon demonstration of satisfactory piano skills.
6. Only 8 credits in applied music instruction may be applied toward graduation.
7. All applied music study requires permission of instructor.

MUSC 155. GUITAR. 1 semester hour.
MUSC 165. PIANO. 1 semester hour.
MUSC 175. ORGAN. 1 semester hour.
MUSC 185. VOICE. 1 semester hour.

**Natural Science**

NSCI 100. Physical Science.
Course designed to cover basic physics, chemistry, and Earth and space science.

**Physical Education**

The Physical Education Program of Tusculum College prepares students for employment and/or pursuit of further study at the graduate level in physical education. The mission of the physical education program is to prepare students qualified to seek employment in teaching physical education, coaching sports, recreational leadership, sport management, or wellness related and fitness enhancing fields. The department of physical education offers the following programs to achieve the above goal:

1. Teaching Licensure in Physical Education: Grades K-12
2. Sports Science Major
3. Sport Management Major
4. Health and Wellness Major
5. Coaching Minor
6. Coaching Endorsement

Students majoring in disciplines other than Physical Education may also seek the Coaching Minor or Coaching Endorsement.

**Service Program**

The Department of Physical Education offers a rich service program of ELECTIVES for students, faculty, staff, and community to achieve physical fitness and wellness and development of sports skills for lifetime participation in leisure time activities. Participants may choose from numerous offerings such as Yoga, aerobics, aquatics, badminton, basketball, bowling, soccer, tennis, tumbling, volleyball, weight-training, etc.

Note: Students may take additional one semester hour activity courses without paying an overload fee provided the total number of hours does not exceed 18 for that semester.

1. **Teaching Licensure in Physical Education Major: Grades K-12 (56 hours required within the major)**

   Physical Education, Professional Education, General Education courses, and a Specialized Competency requirement within the Physical Education curriculum comprise this major. The Teaching Licensure major is approved by the Tennessee State Department of Education. The required 156 semester hours for this licensure include 59 semester hours in the Physical Education, 32 semester hours in Professional Education, and 65 semester hours in General Education. A detail of the course work is given below.

   The Tennessee State Department of Education recommends that candidates seeking K-12 Physical Education licensure also prepare for licensure in an additional area.

   **Physical Education Activity Competency Requirements for Teacher Licensure**

   A total of seven competencies must be validated in the Physical Education Teaching Licensure Program. Physical education competencies are built into activity courses and in one theory course (PHED 360). Grades of C- or better indicate validation of the competency. The instructor will identify those students who have major weaknesses in the sport skill or fitness activity and identify opportunities for improvement for the student.
Major Area Curriculum

*Activity Courses/Activity Competencies (9 hours required)*

I. SAFETY, FIRST AID, AND CPR (1 required)
   PHED 115 Community First Aid, CPR, and Safety

II. SPORTS SKILLS (1 required)
   A. Individual and Dual Sports
      PHED 173 Racquetball
      PHED 176 Bowling I
      PHED 177 Bowling II
      PHED 178 Badminton
      PHED 179 Table Tennis
      PHED 180 Tennis
      PHED 181 Archery
      PHED 182 Golf
   B. Team Sports
      PHED 120 Softball
      PHED 122 Touch and Flag Football
      PHED 124 Soccer
      PHED 126 Basketball
   III. AQUATICS (1 required)
      PHED 160 Scuba Diving
      PHED 161 Beginning Swimming
      PHED 162 Intermediate Swimming
      PHED 163 Advanced Swimming
      PHED 164 Aquatics Safety
      PHED 165 Lifeguard Training
   IV. RHYTHMS AND DANCE (1 required)
      PHED 170 Rhythms and Dance
   V. TUMBLING AND GYMNASTICS (1 required)
      PHED 175 Tumbling and Gymnastics
   VI. OUTDOOR LEISURE ACTIVITIES (1 required)
      PHED 189 Roller Skating
      PHED 190 Bicycling
      PHED 195 Hiking/Backpacking
      PHED 196 Canoeing
      PHED 197 Horseback Riding
      PHED 198 White-Water Rafting
      PHED 199 Snow Skiing
   VII. FUNDAMENTAL MOTOR SKILLS (1 required)
      PHED 360 Curriculum Design and Methods of Teaching
      Elementary School Physical Education, Health and Wellness

Physical Education Theory Courses (50 hours required)

PHED 200 Introduction & History of Physical Education & Athletics
PHED 251 Human Anatomy
PHED 252 Human Physiology
PHED 260 Methods for School Health Teachers (3 hrs.)
PHED 270 Adaptive Physical Education
PHED 360 Curriculum and Methods of Teaching Elementary School Physical Education, Health and Wellness (3 hrs.)
PHED 361 Curriculum and Methods of Teaching Secondary School Physical Education, Health and Wellness
PHED 370 Measurement and Evaluation in Physical Education, Health and Wellness
PHED 374 Motor Development
PHED 375 Motor Learning
PHED 380 Kinesiology
PHED 390 Physiology of Exercise
PHED 396 Organization, Administration, and Supervision of Physical Education, Health and Wellness

Professional Education Curriculum

EDUC 200 History, Philosophy, and Principles of Education
EDUC 320 Classroom Discipline and Management
EDUC 342 Learning Environments 7-12
EDUC 452 Orientation to Student Teaching
EDUC 457 Observation and Directed Teaching : K-12 (12 hrs.)
SPED 101 Survey of the Regular and Special Populations

Within the School Environment

General Education Curriculum

*CISC 100 Computer as a Tool
CISC 216 Computer as a Classroom Support System
**ENGL 100 Introduction to College Writing
ENGL 110 Composition and Rhetoric
ENGL 111 Composition, Rhetoric and Research
EVSC 111 Environmental Science
HIST 101 or 102 The West and the World I or II
HIST 201 or 202 U.S. History I or II
**MATH 101 Basic Math
MATH 102 College Algebra
MATH 215 Elementary Statistics
OREN 105 Tusculum Experience (1 hr.)
PHED 201 Foundations of Physical Fitness and Wellness
POLS 380 The Political Traditions of the West
PSYC 101 Essentials of Psychology
PSYC 200 Developmental Psychology
PSYC 305 Educational Psychology
RELG 330 The Hebrew and Christian Traditions
SOCI 101 Principles and Social Institutions
Choose one of the following courses:
MUSC 101 Introduction to Western Music
THEA 104 Introduction to Theatre
VISA 110 Basic Concepts of the Visual Arts
VISA 204 Ancient Through Renaissance Art
VISA 208 Baroque Through Modern Art
*Test opportunity available.
** Not required if ACT/SAT scores merit exemption.

2. Sports Science Major (58 hours required within the major)

Physical Education Activity Competencies in Sports Science

A total of six activity competencies must be completed to earn a degree in Sports Science. Physical education competencies are built into activity courses. A grade of “C-” or better indicates validation of the competency. The instructor will identify those students who have major weaknesses in the sport skill or fitness activity and identify opportunities for improvement for the student.

*Activity Courses/Activity Competencies (1 semester hour each/7 hours required)*

I. SAFETY, FIRST AID, AND CPR (1 required)
   PHED 115 Community First Aid, CPR, and Safety

II. SPORTS SKILLS (3 required)
   A. Individual and Dual Sports (2 required)
      PHED 173 Racquetball
      PHED 176 Bowling I
      PHED 177 Bowling II
      PHED 178 Badminton
   B. Team Sports
      PHED 120 Softball
      PHED 122 Touch and Flag Football
      PHED 124 Soccer
      PHED 125 Volleyball
      PHED 126 Basketball
   III. AQUATICS (1 required)
      PHED 160 Scuba Diving
      PHED 161 Beginning Swimming
      PHED 162 Intermediate Swimming
      PHED 163 Advanced Swimming
      PHED 164 Aquatics Safety
      PHED 165 Lifeguard Training
   IV. RHYTHMS AND DANCE (1 required)
      PHED 170 Rhythms and Dance
   V. TUMBLING AND GYMNASTICS (1 required)
      PHED 175 Tumbling and Gymnastics
   VI. OUTDOOR LEISURE ACTIVITIES (1 required)
      PHED 189 Roller Skating
      PHED 190 Bicycling
      PHED 195 Hiking/Backpacking
      PHED 196 Canoeing
      PHED 197 Horseback Riding
      PHED 198 White-Water Rafting
      PHED 199 Snow Skiing
   VII. FUNDAMENTAL MOTOR SKILLS (1 required)
      PHED 360 Curriculum Design and Methods of Teaching
      Elementary School Physical Education, Health and Wellness
Physical Education Theory Courses (50 hours required)

PHED 200 Introduction & History of Physical Education & Athletics
PHED 251 Human Anatomy
PHED 252 Human Physiology
PHED 260 Methods for School Health Teachers (3 hrs.)
PHED 270 Adaptive Physical Education
PHED 360 Curriculum and Methods of Teaching Elementary School Physical Education, Health and Wellness (3 hrs.)
PHED 361 Curriculum and Methods of Teaching Secondary School Physical Education, Health and Wellness
PHED 370 Measurement and Evaluation in Physical Education, Health and Wellness
PHED 374 Motor Development
PHED 375 Motor Learning
PHED 380 Kinesiology
PHED 390 Physiology of Exercise
PHED 396 Organization, Administration, and Supervision of Physical Education, Health and Wellness

Professional Education Curriculum

EDUC 200 History, Philosophy, and Principles of Education
EDUC 320 Classroom Discipline and Management
EDUC 342 Learning Environments 7-12
EDUC 452 Orientation to Student Teaching
EDUC 457 Observation and Directed Teaching : K-12 (12 hrs.)
SPED 101 Survey of the Regular and Special Populations

Within the School Environment

General Education Curriculum

*CISC 100 Computer as a Tool
CISC 216 Computer as a Classroom Support System
**ENGL 100 Introduction to College Writing
ENGL 110 Composition and Rhetoric
ENGL 111 Composition, Rhetoric and Research
EVSC 111 Environmental Science
HIST 101 or 102 The West and the World I or II
HIST 201 or 202 U.S. History I or II
**MATH 101 Basic Math
MATH 102 College Algebra
MATH 215 Elementary Statistics
OREN 105 Tusculum Experience (1 hr.)
PHED 201 Foundations of Physical Fitness and Wellness
POLS 380 The Political Traditions of the West
PSYC 101 Essentials of Psychology
PSYC 200 Developmental Psychology
PSYC 305 Educational Psychology
RELG 330 The Hebrew and Christian Traditions
SOCI 101 Principles and Social Institutions
Choose one of the following courses:
MUSC 101 Introduction to Western Music
THEA 104 Introduction to Theatre
VISA 110 Basic Concepts of the Visual Arts
VISA 204 Ancient Through Renaissance Art
VISA 208 Baroque Through Modern Art
*Test opportunity available.
** Not required if ACT/SAT scores merit exemption.
PHED 179 Table Tennis
PHED 180 Tennis
PHED 181 Archery
PHED 182 Golf

B. Team Sports (1 required)
PHED 120 Softball
PHED 122 Touch and Flag Football
PHED 124 Soccer
PHED 125 Volleyball
PHED 126 Basketball

III. AQUATICS (1 required)
PHED 160 Scuba Diving
PHED 161 Beginning Swimming
PHED 162 Intermediate Swimming
PHED 163 Advanced Swimming
PHED 164 Aquatics Safety
PHED 165 Lifeguard Training

IV. Physical Fitness (1 required)
PHED 184 Aerobics
PHED 185 Cardiovascular Fitness and Training
PHED 186 Weight Training
PHED 187 Walking, Jogging, and Running

**PHED Theory Courses (4 semester hours each/52 hours required)**
PHED 200 Introduction & History of Physical Education & Athletics
PHED 251 Human Anatomy
PHED 252 Human Physiology
PHED 290 Sports Officiating
PHED 330 Psychological Dynamics of Sport and Physical Education
PHED 335 Managing Legal Aspects of Sport and Physical Education
PHED 370 Measurement and Evaluation in Physical Education, Health and Wellness
PHED 374 Motor Development
PHED 375 Motor Learning
PHED 380 Kinesiology
PHED 390 Physiology of Exercise
PHED 395 Organization, Administration, and Supervision of Physical Education and Athletics
PHED 396 Organization, Administration, and Supervision of Physical Education, Health, and Wellness

**Choose one of the following:**
PHED 291 Coaching Volleyball
PHED 292 Coaching of Football
PHED 293 Coaching Soccer
PHED 294 Coaching of Basketball
PHED 295 Coaching of Baseball
PHED 296 Coaching of Slow/Fast Pitch Softball
PHED 297 Coaching Cross Country/Track and Field

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3. Sport Management Major (56 hours required within the major)

This program combines knowledge and skills required for leaders in athletics, sports, recreation, and fitness. By integrating management and marketing principles with sport and fitness components, students are prepared for job opportunities in sport management, recreation, athletics, and fitness settings and/or are prepared for graduate studies in sport management.

**Activity Courses (1 semester hour each)**
Suggested: PHED 115 Community First Aid, CPR, and Safety

**Theory Courses (4 semester hours each)**
PHED 200 Introduction & History of Physical Education & Athletics
PHED 240 Introduction to Sports Management
PHED 243 Sport Facilities and Design
PHED 245 Clinical Experience in Sport Management (3 hrs.)
PHED 215 Sports and Society
PHED 330 Psychological Dynamics of Sport and Physical Education
PHED 335 Managing Legal Aspects of Sport and Physical Education
PHED 370 Organization, Administration, and Supervision of Physical Education and Athletics
PHED 451 Sports Management Internship
BUSN 210 Principles of Management
BUSN 211 Accounting Principles I
PHED 310 Principles of Sport Marketing
PHED 313 Communication in Sport
PHED 322 Principles of Sport Finance

4. Teacher Licensure in Health and Wellness Major: Grades K – 12 (56 hours required within the major)

This program of study integrates the general education core, professional education core, health and wellness education content area, and a variety of field experiences (practicums and student teaching). The Teaching Licensure major in Health and Wellness is approved by the State Department of Education. The required 149 semester hours for this licensure include 56 hours in the major, 32 hours in Professional Education, and 61 hours in General Education.

A number of skills are covered by the competency program within the major. These competency requirements are built into physical education activity courses. A grade of “C” or better indicates validation of the competency. The instructor will identify those students who have weaknesses in skills and will identify opportunities for their improvement.

The Tennessee State Department of Education recommends that candidates seeking licensure in Health and Wellness Education also develop and prepare for licensure in a second teaching field.

**Major Area Curriculum**

**Activity Courses/Activity Competencies (1 semester hour each/6 required.)**

Activity courses cover competencies that will be helpful to the candidate in the planning of fitness and wellness activities for their prospective students. Candidates select eleven activities from the following seven areas:

**I. SAFETY, FIRST AID, AND CPR (1 required)**
PHED 115 Community First Aid, CPR, and Safety

**II. PHYSICAL FITNESS (2 required)**
PHED 184 Aerobics
PHED 185 Cardiovascular Fitness and Training
PHED 186 Weight Training
PHED 187 Walking, Jogging, and Running

**III. SPORTS SKILLS (1 required)**
A. Indoor Individual and Dual Sports
PHED 173 Racketball
PHED 176 Bowling
PHED 177 Bowling II
PHED 178 Badminton
PHED 179 Table Tennis
B. Outdoor Individual and Dual Sports
PHED 180 Tennis
PHED 181 Archery
PHED 182 Golf
C. Indoor Team Sports
PHED 125 Volleyball
PHED 126 Basketball
D. Outdoor Team Sports
PHED 120 Softball
PHED 122 Touch and Flag Football
PHED 124 Soccer
IV. AQUATICS (1 required)
PHED 160 Scuba Diving
PHED 161 Beginning Swimming
PHED 162 Intermediate Swimming
PHED 163 Advanced Swimming
PHED 164 Aquatic Safety
PHED 165 Lifeguard Training
V. OUTDOOR LEISURE ACTIVITIES (1 required)
PHED 189 Roller Skating
PHED 190 Bicycling
PHED 195 Hiking/Backpacking
PHED 196 Canoeing
PHED 197 Horseback Riding
PHED 198 White-Water Rafting
PHED 199 Snow Skiing

Health and Wellness Theory Courses (50 hours total)

ATEP 333 Nutrition
PHED 251 Human Anatomy
PHED 252 Human Physiology
PHED 260 Methods for School Health Teachers
PHED 270 Adaptive Physical Education
PHED 342 Community Health
PHED 360 Curriculum Design and Teaching Methods of Elementary School Physical Education, Health and Wellness
PHED 361 Curriculum Design and Teaching Methods of Elementary School Physical Education, Health and Wellness
PHED 370 Measurement and Evaluation in Physical Education, Health and Wellness
PHED 374 Motor Development
PHED 380 Kinesiology
PHED 390 Physiology of Exercise
PHED 396 Organization, Administration, and Supervision of Physical Education, Health and Wellness

Professional Education Curriculum
EDUC 200 History, Philosophy, and Principles of Education
EDUC 320 Classroom Discipline and Management
HGLN 341 Learning Environments K-8 or
EDUC 342 Learning Environments K-12
EDUC 452 Orientation to Student Teaching
EDUC 457 Enhanced Student Teaching K-12
SPED 101 Survey of the Regular and Special Populations Within the School Environment

General Education Curriculum
*CISC 100 Computer as a Tool

CISC 216 Computer as a Classroom Support System
ENGL 110 Composition and Rhetoric
ENG 111 Composition, Rhetoric and Research
EVSC 111 Environmental Science
HIST 101 or 102 The West and the World I or II
HIST 201 or 202 U.S. History I or II
MATH 102 College Algebra
MATH 215 Elementary Statistics
OREN 105 Tusculum College Experience
POL 380 The Political Traditions of the West
PSYC 101 Essentials of Psychology
PSYC 200 Developmental Psychology
PSYC 305 Educational Psychology
RELG 330 The Hebrew and Christian Traditions
SOCI 101 Principles and Social Institutions

Choose one of the following courses:
MUSC 101 Introduction to Western Music
THEA 104 Introduction to Theatre
VISA 110 Basic Concepts of the Visual Arts
*Test opportunity available.

NOTE: The coaching minor and the coaching endorsement may be added to any other program of study at Tusculum College and can provide useful preparation for those who anticipate coaching in the future.

5. Coaching Minor (21 hours are required)
PHED 115 Community First Aid, CPR, and Safety (1 hour)
PHED 290 Sports Officiating
PHED 330 Psychological Dynamics of Sport and Physical Education
PHED 335 Managing Legal Aspects of Sport and Physical Education

Choose any two of the following:
PHED 291 Coaching of Volleyball
PHED 292 Principles of Coaching Football
PHED 293 Coaching of Soccer
PHED 294 Coaching of Basketball
PHED 295 Coaching of Baseball
PHED 296 Coaching of Slow and Fast Pitch Softball
PHED 297 Coaching of Cross Country/Track and Field

6. Coaching Endorsement (11-12 hours required)
The coaching endorsement may be added to any other program of study at Tusculum College, the following courses are required:
PHED 115 Community First Aid, CPR, and Safety

Choose any two of the following:
PHED 290 Officiating Games and Sports
PHED 291 Coaching of Volleyball
PHED 292 Principles of Coaching Football
PHED 293 Coaching of Soccer
PHED 294 Coaching of Basketball
PHED 295 Coaching of Baseball
PHED 296 Coaching of Slow and Fast Pitch Softball
PHED 297 Coaching of Cross Country/Track and Field
Course Descriptions: Activity Courses

Activity courses are 1 semester hour each. Activity courses taken for elective credit may be taken pass-fail or graded.

PHED 115. COMMUNITY FIRST AID, CPR, AND SAFETY. 1 semester hour.
Designed to assist the students develop knowledge and skills in First Aid, CPR, and Safety. Red Cross Certification is possible.

PHED 120. SOFTBALL. 1 semester hour.
Designed to develop knowledge, skills, and safety measures involved in softball.

PHED 122. TOUCH AND FLAG FOOTBALL. 1 semester hour.
Designed to develop knowledge, skills, and safety measures involved in touch and flag football.

PHED 124. SOCCER. 1 semester hour.
Designed to develop knowledge, skills, and safety measures involved in soccer.

PHED 125. VOLLEYBALL. 1 semester hour.
Designed to develop knowledge, skills, and safety measures involved in volleyball.

PHED 126. BASKETBALL. 1 semester hour.
Designed to develop knowledge, skills, and safety measures involved in basketball.

PHED 160. SCUBA DIVING. Fee Required. 1 semester hour.
Prerequisite: Swimming proficiency test and sound health. Designed to prepare students for certification in beginning scuba diving. Offered on demand.

PHED 161. BEGINNING SWIMMING. 1 semester hour.
Designed for beginning students who possess little or no deep water skills as well as for students wishing to develop swimming strokes. Students will be provided opportunities to develop aquatic knowledge, safety skills, and American Red Cross swimming strokes.

PHED 162. INTERMEDIATE SWIMMING. 1 semester hour.
Designed to develop intermediate level knowledge, safety measures, and techniques of American Red Cross swimming strokes. Offered on demand.

PHED 163. ADVANCED SWIMMING. 1 semester hour.
Designed for students who possess intermediate swimming skills and wish to attain advanced level skill in American Red Cross swimming strokes. Offered on demand.

PHED 164. AQUATIC SAFETY. 1 semester hour.
Designed to prepare students attain the equivalence of the American Red Cross course “Community Water Safety.” Safety skills and swimming strokes will be covered. Offered on demand.

PHED 165. LIFEGUARD TRAINING. 2 semester hours.
Prerequisite: Swimming Skills Test. Designed to prepare students to attain American Red Cross Certification in Lifeguarding.

PHED 166. BEGINNING BOWLING. Fee required. 1 semester hour.
Designed to develop basic knowledge, safety measures, and skills in bowling.

PHED 167. INTERMEDIATE BOWLING. Fee Required. 1 semester hour.
Designed to further develop knowledge, safety measures, and skills at intermediate level of bowling. Offered on demand.

PHED 170. RHYTHMS AND DANCE. 1 semester hour.
Designed to develop knowledge, safety measures, and skills in various forms of dance and rhythmic activities.

PHED 173. RACQUETBALL. 1 semester hour.
Designed to develop knowledge, safety measures, and skills in racquetball.

PHED 175. TUMBLING AND GYMNASTICS. 1 semester hour.
Designed to develop knowledge, safety measures, and skills in tumbling and gymnastics.

PHED 176. BEGINNING BOWLING. Fee required. 1 semester hour.
Designed to develop basic knowledge, safety measures, and skills in bowling.

PHED 177. INTERMEDIATE BOWLING. Fee Required. 1 semester hour.
Designed to further develop knowledge, safety measures, and skills at intermediate level of bowling. Offered on demand.

PHED 178. BADMINTON. 1 semester hour.
Designed to develop knowledge, safety measures, and skills of playing badminton.

PHED 179. TABLE TENNIS. 1 semester hour.
Designed to develop basic knowledge, safety measures, and skills of playing table tennis.

PHED 180. TENNIS. 1 semester hour.
Designed to develop knowledge, safety measures, and skills of playing tennis.

PHED 181. ARCHERY. 1 semester hour.
Designed to develop knowledge, safety measures, and skills of archery.

PHED 182. GOLF. Fee required. 1 semester hour.
Designed to develop knowledge, safety measures, and skills in golf.

PHED 184. AEROBICS. 1 semester hour.
Designed to develop knowledge, safety measures, and skills for improving cardiovascular fitness.

PHED 185. CARDIOVASCULAR FITNESS AND TRAINING. 1 semester hour.
Prerequisite: No health limitations. Designed to develop knowledge, safety measure, and skills in developing cardiovascular fitness.

PHED 186. WEIGHT TRAINING. 1 semester hour.
Prerequisite: No health limitations. Designed to develop knowledge, safety measures, and skills in weight training.

PHED 187. WALKING, JOGGING, AND RUNNING. 1 semester hour.
Designed to develop knowledge, safety measures, and skills in walking, jogging, and running for attaining cardiovascular fitness.
PHED 189. ROLLER SKATING. 1 semester hour.
Designed to develop knowledge, safety measures, and basic skills in roller skating. Offered on demand.

PHED 190. BICYCLING. 1 semester hour.
Designed to develop knowledge, safety measures, and skills in bicycling.

PHED 195. HIking and BACKPACKING. 1 semester hour.
Designed to develop knowledge, safety measures, and basic skills in hiking/backpacking.

PHED 196. CANOEING. 1 semester hour.
Designed to develop knowledge, safety measures, and skills in canoeing.

PHED 198. WHITewater RAFTING. Fee required. 1 semester hour.
Designed to develop knowledge, safety measures, and skills in whitewater rafting. Offered on demand.

PHED 199. SNOW SKIING. Fee required. 1 semester hour.
Designed to develop knowledge, safety measures, and skills in snow skiing. Offered on demand.

COURSE DESCRIPTIONS: Theory Courses

PHED 200. INTRODUCTION AND HISTORY OF PHYSICAL EDUCATION AND ATHLETICS.
Designed to introduce the students to the historical and philosophical foundations of physical education and athletics and, thus, assist them in developing their own personal philosophy of physical education. Discussion of various professional issues, goals, and principles of physical education is an important part of this course. Competency: Writing. Offered Block 2 and 6 ever year.

PHED 201. FOUNDATIONS OF PHYSICAL FITNESS & WELLNESS.
This course is designed to help students develop physical fitness and wellness. Students will also become familiar with the strategies and methods used in teaching fitness and wellness. Competency: Self-Knowledge. Offered Block 3, 4, 5, 7, and 8 ever year.

PHED 206. TEACHING AQUATICS/LIFEGUARD INSTRUCTOR (LGI).
Prerequisite: Red Cross Lifeguarding Certification, and a swimming proficiency test. Designed to develop knowledge, safety measures, and skills to teach the Red Cross Lifeguarding course. Students may earn the Red Cross Lifeguard Instructor (LGI) certification. Offered Block 8 on demand.

PHED 207. TEACHING AQUATICS/WATER SAFETY INSTRUCTOR (WSI).
Prerequisite: Red Cross First Aid & CPR certification recommended, and a swimming proficiency test. Designed to develop knowledge, safety measures, and skills in teaching water safety courses. Students may earn the Red Cross Water Safety Instructor certification. Competency: negotiated. Offered Block 8 on demand.

PHED 210. RECREATIONAL LEADERSHIP.
Designed to develop knowledge of recreational leadership. Principles, techniques, and essentials of programming are taught. Competency: Civility. Offered Block 7 even years.

PHED 215. SPORT AND SOCIETY.
After successful completion of this course, the student will demonstrate an understanding of 1) the role of sports in the development of society, 2) current social issues in sports, and 3) the role of sport as it influences lifestyle and societal and political change. Competency: Ethics of Social Responsibility. Offered Block 3 every year.

PHED 240. INTRODUCTION TO SPORT MANAGEMENT.
The purpose of this course is to provide an analysis of the body of knowledge associated with pursuing a career in sport management. Students will be introduced to the theoretical and applied foundations of sport management and become aware of the depth of the sport industry. Competency: Critical Analysis. Offered Block 1 and 5 every year.

PHED 243. SPORTS FACILITIES AND DESIGN/EVENT MANAGEMENT. 3 semester hours.
Planning, managing, and marketing of sports events, arenas, and facilities for spectators and clients, pre-school through retired citizens. Competencies: Civility and Critical Analysis. Prerequisite: Sophomore standing or PHED 240. Offered Block 7 ever year.

PHED 244. YOGA SCIENCE, PHILOSOPHY AND PRACTICE.
This course is designed to develop students' knowledge of the science and philosophy of Yoga and to help them understand how practicing Yoga can enhance a person's health and wellness. The course includes practicing asanas and breath harnessing exercises in addition to lectures on science and philosophy of Yoga. Any Tusculum College student can take this course as an elective. Competency: Self-Knowledge. Offered on demand.

PHED 251. HUMAN ANATOMY.
After successful completion of this course, the student will demonstrate knowledge and skill regarding the basic structure of the human body. This course is designed to prepare the physical education major for further study of kinesiology and exercise physiology. The course will include both classroom and laboratory work. Competency: Critical Analysis. Offered Block 1 ever year.

PHED 252. HUMAN PHYSIOLOGY.
Prerequisite: PHED 251. After successful completion of this course, the student will demonstrate knowledge and skill regarding basic function of the human body. This course is designed to prepare the physical education major for further study of kinesiology and exercise physiology. The course will include both classroom and laboratory work. Competency: Critical Analysis. Offered Block 2 ever year.

PHED 260. METHODS FOR SCHOOL HEALTH TEACHERS. 3 semester hours.
Designed to develop knowledge of current personal, school, and social health issues and how they relate to national and international health and wellness. Students will be introduced to the
school health curriculum and will develop planning and teaching skills. Competency: Writing. Offered Blocks 4 and 8 every year.

PHED 270. ADAPTIVE PHYSICAL EDUCATION. 3 semester hours.
Prerequisite: Sophomore standing. Designed to develop knowledge, safety measures, and skill in teaching physical activity and sports skills classes for exceptional students. It includes lecture and laboratory work. Competency: Critical Analysis. Offered Block 5 every year.

PHED 287. COACHING OF BASEBALL. 3 semester hours.
Designed to develop knowledge, safety measures, and skills in coaching baseball. Competency: Public Speaking. Offered on demand.

PHED 288. COACHING OF BASKETBALL. 3 semester hours.
Designed to develop knowledge, safety measures, and skills in coaching basketball. Competency: Civility. Offered on demand.

PHED 289. SPORTS OFFICIATING PRACTICUM. 1 semester hour.
Prerequisite: Previous or concurrent enrollment in PHED 290. This course is designed to provide students with hands-on supervised experience in sports officiating. The practicum runs throughout an entire semester. PHED 289 may be repeated once for a total of two semester hours by arranging to officiate for different sports in the second registration. Offered block 4 every year.

PHED 290. OFFICIATING OF GAMES AND SPORTS. 3 semester hours.
Designed to develop knowledge, safety measures, and skills in officiating various sports. Competency: Ethics of Social Responsibility. Offered Block 4 every year.

PHED 291. COACHING OF VOLLEYBALL. 3 semester hours.
Designed to develop knowledge, safety measures, and skills of coaching volleyball. Competency: Writing. Offered on demand.

PHED 292. COACHING OF FOOTBALL. 3 semester hours.
Designed to develop knowledge, safety measures, and skills of coaching football. Competency: Public Speaking. Offered on demand.

PHED 293. COACHING OF SOCCER. 3 semester hours.
Designed to develop knowledge, safety measures, and skills in coaching soccer. Competency: Public Speaking. Offered on demand.

PHED 294. COACHING BASKETBALL. 3 semester hours.
Designed to develop knowledge, safety measures, and skills of coaching basketball. Competency: Civility. Offered on demand.

PHED 295. COACHING OF BASEBALL. 3 semester hours.
Designed to develop knowledge, safety measures, and skills of coaching baseball. Competency: Public Speaking. Offered on demand.

PHED 296. COACHING OF SLOW/FAST PITCH SOFTBALL. 3 semester hours.
Designed to develop knowledge, safety measures, and skills in coaching slow and fast pitch softball. Competency: Public Speaking. Offered on demand.

PHED 297. COACHING OF CROSS COUNTRY/TRACK & FIELD. 3 semester hours.
Designed to develop knowledge, safety measures, and skills of coaching cross country, track and field. Offered Block 3 even years.

PHED 298. COACHING OF CROSS COUNTRY/TRACK & FIELD. 3 semester hours.
Offered Block 3 every year.

PHED 299. COACHING OF SLOW/FAST PITCH SOFTBALL. 3 semester hours.
Offered Block 3 every year.

PHED 300. CURRICULUM DESIGN AND TEACHING METHODS FOR ELEMENTARY SCHOOL PHYSICAL EDUCATION, HEALTH AND WELLNESS. 3 semester hours.
Prerequisite: Must have been admitted to teacher education program and have a Junior standing. Designed to provide the prospective teachers with knowledge and experiences of planning and delivering effective instructional programs in movement education, health and wellness at the elementary school level. Competency: Self-Knowledge. Offered Block 1 and 7 every year.

PHED 301. CURRICULUM DESIGN AND TEACHING METHODS FOR SECONDARY SCHOOL PHYSICAL EDUCATION, HEALTH AND WELLNESS. 3 semester hours.
Prerequisite: Must have been admitted to teacher education program and have a Junior standing. Designed to provide prospective teachers with knowledge and experiences of planning and
delivering effective instructional programs in physical education, health and wellness activities suitable to secondary school settings. Competency: Critical Analysis. Offered Block 4 even years.

PHED 370. MEASUREMENT AND EVALUATION IN PHYSICAL EDUCATION, HEALTH AND WELLNESS.
Prerequisite: MATH 215 and Junior standing. Designed to develop knowledge and skills of utilizing various instruments in measuring and evaluating physical fitness, motor ability, and performance of sports skills, and health and wellness activities as well as the development of grading techniques. Competency: Critical Analysis. Offered Block 8 every year.

PHED 374. MOTOR DEVELOPMENT.
This course is designed to enrich students’ knowledge of how motor skills develop or deteriorate throughout the life span as a result of maturation and aging. This course will prepare students to apply their knowledge of motor development in teaching motor skills in all professional settings, i.e., K-12 schools, community recreation programs, senior citizen centers, etc. It includes lecture and laboratory course work. Competency: Critical Analysis. Offered Block 6 odd years.

PHED 375. MOTOR LEARNING.
Students attain knowledge of major concepts and principles of motor learning and their application to professional settings. It includes lecture and laboratory course work. Competency: Analytical Reading. Prerequisite: Junior standing. Offered Block 6 even years.

PHED 380. KINESIOLOGY.
Prerequisite: PHED 251. Designed to develop knowledge and skill in the anatomical and mechanical analysis of human movement. It includes lecture and laboratory course work. Competency: Critical Analysis. Offered Block 6 every year.

PHED 390. PHYSIOLOGY OF EXERCISE.
Prerequisite: PHED 252. Designed to study the function of the human body under the stress of exercise. The student will demonstrate skill in planning fitness and sports training programs. The course includes lecture and laboratory work. Competency: Critical Analysis. Offered Block 7 every year.

PHED 395. ORGANIZATION, ADMINISTRATION, AND SUPERVISION OF PHYSICAL EDUCATION AND ATHLETICS.
Prerequisite: PHED 200 and Junior standing. Designed to provide the students with knowledge of the principles and methods of administration, organization, and supervision of physical education, intramurals, and interscholastic sports programs. Competency: Public Speaking. Offered Block 2 every year. Note: This course is to be taken by Sport Management and Sport Science majors.

PHED 396 ORGANIZATION, ADMINISTRATION, AND SUPERVISION OF PHYSICAL EDUCATION, HEALTH AND WELLNESS.
Prerequisite: PHED 200 and Junior standing. Designed to provide the students with knowledge of principles and methods of administration, organization, and supervision of physical education, health and wellness. Competency: Public Speaking. Offered Block 1 every year.

PHED 400. TEACHING ASSISTANT PRACTICUM. 2 semester hours.
Prerequisite: Junior or Senior standing in physical education or sports management and written approval of the instructor. Designed to develop class management techniques through learning by doing. Seventy-two clock hours of practicum required. May be taken concurrently with other courses. May be repeated once for credit. Competency: negotiated. Offered every semester on demand.

PHED 401. COACHING ASSISTANT PRACTICUM. 2 semester hours.
Prerequisite: Senior standing and written approval of the instructor. Designed to develop coaching techniques through learning by doing. Seventy-two clock hours of practicum required. May be taken concurrently with other courses. May be repeated once for credit. Competency: negotiated. Offered every semester on demand.

PHED 451. INTERNSHIP IN SPORT MANAGEMENT.
Prerequisites: PHED 335, PHED 395, and Senior standing as a sports management major. This course is designed to be a supervised culminating experience of 144 clock hours for the sports management major. The student will be placed in an on-campus or off-campus sports management setting and be supervised by faculty in the physical education department. Competency: negotiated. Offered every semester.

PHYSICS

Charges may be placed on the student’s account for laboratory equipment broken or damaged as a result of student negligence.

COURSE DESCRIPTIONS

PHYS 101-102. GENERAL PHYSICS I and II.
Survey course in general concepts of physics, including mechanics, heat, electricity, magnetism, optics, and introductory modern physics. This is a continuation course that is offered over two consecutive blocks. Competency: Public Speaking. Prerequisites: MATH 102 or permission of the instructor. Offered every year.
POLITICAL SCIENCE AND PRE-LAW

The major and minor programs in Political Science constitute the most specific accompaniment to the Commons courses that educate for citizenship. The analytical rigor involved in Political Science courses makes this program a good choice for a student who has not yet clarified his/her life-long occupational goals but who seeks to hone her/his abilities to think both broadly and critically and to learn to express complex views both orally and in written form. And this program provides specific preparation for students already focused on careers in government or the teaching of the social sciences or who plan to undertake further study as a prelude to public involvement as an attorney, a civil servant, or a community leader.

Students may also choose a Government Education major that will prepare them for licensure to teach courses in this field in grades 7-12.

Political Science Major

Students majoring in Political Science are required to complete ten courses (40 hours) in Political Science, including POLS 203 (American Government), POLS 205 (Comparative Government), POLS 209 (World Politics), POLS 375 (Origins of the Civic Republican Tradition) and either POLS 325 (Constitutional Interpretation) or POLS 335 (Civil Rights and Liberties). BUSN 201 (Principles of Economics I) is an allied field requirement.

POLS 203 American Government
POLS 205 Comparative Government
POLS 209 World Politics: Current Events and their Roots in the Past
POLS 325 or 335 Constitutional Interpretation/Civil Rights and Liberties
POLS 375 Origins of the Civic Republican Tradition
BUSN 201 Principles of Economics I

Choose five additional courses, including either
POLS 360 American Foreign Policy or POLS 446 International Law

and at least two of the following:
POLS 207 State and Local Government
POLS 310 The Presidency and Public Policy
POLS 315 Congress and Public Policy
POLS 325 Constitutional Interpretation OR POLS 335 Civil Rights and Liberties
POLS 420 Political Behavior

Other acceptable courses (may select only one):
POLS 350 Special Topics
POLS 451 Internship
POLS 452 Government Internship

TOTAL: 44 semester hours

Political Science Minor

POLS 203 American Government
POLS 209 World Politics: Current Events and Their Roots in the Past
POLS 325 or 335 Constitutional Interpretation/Civil Rights and Liberties

and any other two courses in Political Science with the approval of the Department Chair. (POLS 380 will not satisfy a minor requirement.)

TOTAL: 20 semester hours

Government Education

The following program leads to licensure for teaching Government in grades 7-12 and is comprised of 149 semester hours, as follows:

Major 44
Professional Education 36
General Education 69

Major Curriculum

EDUC 419 Content Area Reading
POLS 203 American Government
POLS 205 Comparative Government
POLS 207 State and Local Government
POLS 209 World Politics: Current Events and Their Roots in the Past
POLS 315 Congress and Public Policy
POLS 335 Civil Rights and Liberties
POLS 360 American Foreign Policy
POLS 375 Origins of the Civic Republican Tradition
POLS 420 Political Behavior
POLS 446 International Law

Professional Education

EDUC 200 History, Principles, and Philosophy of Education
EDUC 320 Classroom Discipline and Management
EDUC 342 Learning Environments 7-12
HGLN 337 Assessment and Evaluation
SPED 101 Survey of the Regular and Special Populations Within the School Environment
EDUC 452 Education Senior Seminar
EDUC 456 Enhanced Student Teaching: 9-12 (6 hours)
EDUC 458 Enhanced Student Teaching: 7-8 (6 hours)

General Education Curriculum

*CISC 100 Computer as a Tool
CISC 216 Computer as a Classroom Support System
**ENGL 100 Introduction to College Writing
ENGL 110 Composition and Rhetoric
ENGL 111 Composition, Rhetoric and Research
EVSC 111 Environmental Science
HIST 101 The West and the World I
HIST 102 The West and World II
HIST 201 U.S. History I
**MATH 101 Basic Math
MATH 102 College Algebra
MATH 215 Elementary Statistics
OREN 105 Tusculum Experience (1 hr.)
PHED 201 Foundations of Physical Fitness and Wellness
POLS 380 The Political Traditions of the West
PSYC 101 Essentials of Psychology
PSYC 200 Developmental Psychology
PSYC 305 Educational Psychology
RELG 330 The Hebrew and Christian Traditions
SOCI 101 Principles and Social Institutions
Choose one of the following courses:
MUSC 101 Introduction to Western Music
THEA 104 Introduction to Theatre
VISA 110 Basic Concepts of the Visual Arts
VISA 204 Ancient Through Renaissance Art
VISA 208 Baroque Through Modern Art

*Test opportunity available.
**Not required if ACT/SAT scores merit exemption.

Independent Major

Students interested in doing so may design an independent major combining Political Science with courses from related areas (e.g. History, Business, Psychology etc.). Detailed requirements for an independent major can be found in the section titled “Independent Program of Study” that appears in the Academic Policies section of the catalog.

Political Science Internships

For students whose program of study and intended career objective would benefit from the practical experience that an internship would provide, internships in local offices of federal, state, and local governments may be available. Internship credit does not normally count towards the 10 courses required for the major or the 5 courses for the minor, but a one course exception may be granted upon petition to the Department Chair.

Pre-Law

While law schools have no officially preferred undergraduate major, Political Science, particularly as taught at Tusculum, is the major that is most involved in the study of law and its context in the Western and American traditions. Students interested in law school should consult with the College’s Pre-Law Advisor, regardless of their choice of a major, for suggestions on specific courses to take to best prepare them for their law school experience.

COURSE DESCRIPTIONS

POLS 203. AMERICAN GOVERNMENT.
The formation and development of the national government, its structure and powers, and its relationship to state and local governments. Offered every year. Competencies: Analytical Reading, Critical Analysis.

POLS 205. COMPARATIVE GOVERNMENT.
An examination of the ways in which different peoples govern themselves and cope with the forces of globalization. Competencies: Critical Analysis and Ethics of Social Responsibility. Offered every other year.

POLS 207. STATE AND LOCAL GOVERNMENT.
The organization and operation of state, county, city, and other local units of government. Special attention to Tennessee government. Pre-requisite: POLS 203. Competencies: Analytical Reading and Writing. Offered every third year.

POLS 209. WORLD POLITICS: CURRENT EVENTS AND THEIR ROOTS IN THE PAST.
An examination of key elements of today’s world such as terrorism and the challenges to sovereignty in the context of historical aspects of the international system such as balance of power politics, nationalism, and the role of ideologies. Competencies: Critical Analysis and Writing. Offered every other year.

POLS 310. THE PRESIDENCY AND PUBLIC POLICY.
A study of the role of the Chief Executive in the American governmental system with an emphasis on his/her role in making public policy and the nature of the relationships that have emerged with the other branches of government. Prerequisite: POLS 203. Competencies: Critical Analysis and Ethics of Social Responsibility. Offered every third year.

POLS 315. CONGRESS AND PUBLIC POLICY.
A study of the institutional structure and operation of Congress, the politics of public policy, and executive-legislative relations. Prerequisite: POLS 203. Competencies: Critical Analysis and Writing. Offered every third year.

POLS 325. CONSTITUTIONAL INTERPRETATION.
The nature and development of constitutional law with emphasis on modes of constitutional interpretation and the place of the Supreme Court within the American political system. Prerequisite: POLS 203. Competencies: Analytical Reading and Critical Analysis. Offered every other year.

POLS 335. CIVIL RIGHTS AND LIBERTIES.
An examination of selected issues in civil rights and liberties. Topics may include due process, free speech, religious liberty, the establishment clause, the right to bear arms, property rights, and voting rights. Prerequisite: POLS 203. Competencies: Critical Analysis and Ethics of Social Responsibility. Offered every other year.

POLS 350. SPECIAL TOPICS.
(Maximum of four hours for independent majors. Not available for minors in Political Science). A flexible course, with advanced formal research requirements intended to serve as an instrument for examining topics in Political Science of interest to students and faculty. Emphasis on readings, research, and intensive study. Prerequisites: POLS 203, and Junior or Senior standing. Offered on demand.

POLS 360. AMERICAN FOREIGN POLICY.
A study of the topic that begins with an examination of the various sources of our traditional policy of isolationism, proceeds to examine the purposes and methods of pursuing our national goals with respect to the rest of the world in the post-World War II era, and concludes with an analysis of the choices open to the United States as the world’s pre-eminent power at the beginning of the 21st Century. Competencies: Critical Analysis and Ethics of Social Responsibility. Offered every third year.

POLS 375. ORIGINS OF THE CIVIC REPUBLICAN TRADITION.
Examines the political ideas of Plato, Aristotle, and Cicero as coherent systems in their right, but also as reactions to the history of the political conflicts of their era. Prerequisite: POLS 380, or permission of the instructor. Competencies: Analytical Reading and Ethics of Social Responsibility. Offered every other year.
POLS 380. THE POLITICAL TRADITIONS OF THE WEST. This course will acquaint the student with the republican tradition of responsible and virtuous citizenship and of the individual rights tradition as they were developed in Europe and America. Some consideration will be given to the relevance of these traditions for the world at large in the twenty-first century.

POLS 420. POLITICAL BEHAVIOR. A broad survey of political behavior in America. Topics may include political parties, elections, direct political action, mass media, and interest groups. Prerequisite: POLS 203. Competencies: Analytical Reading and Critical Analysis. Offered every third year.

POLS 446. INTERNATIONAL LAW. The origin, development, and principles of international law and the place of law in the international community. Prerequisite: POLS 209 or permission of the instructor. Competencies: Analytical Reading and Critical Analysis. Offered every third year.

POLS 451. INTERNSHIP. 1-12 semester hours, maximum of 12 hours. A work study internship with a private non-governmental agency, such as a law firm or social service agency, that enhances student understanding of government service or the legal profession. Limited to students in the social sciences or pre-law students. Prerequisites: Junior or Senior standing, POLS 203. Competencies: Self-knowledge and Civility. Offered on demand.

POLS 452. GOVERNMENT INTERNSHIP. 1-16 hours, maximum of 16 hours. A work study internship with a national, state, or local unit of government that allows the student to gain firsthand experience with government or government-related operations. Limited to students majoring in disciplines with a specific relationship to the enterprise of government. Prerequisites: Junior or Senior standing, POLS 203. Competencies: Self-knowledge and Civility. Offered on demand.

Pre-Professional Programs
Please see HISTORY and POLITICAL SCIENCE for Pre-Law Studies and BIOLOGY for Medical Pre-Professional, Medical Technology, Pre-Pharmacy, and Pre-Physical Therapy Studies.

Psychology
This major provides students with a broad exposure to the field of psychology while encouraging the development of the Civic Arts that characterize the Tusculum College curriculum. The program strongly emphasizes the integration of classroom knowledge with real-life applications. We also emphasize the role of empiricism in psychology; that is, students come to understand how theories are supported by data gathering and experimental evidence, and they develop critical thinking skills to evaluate research contributions to the field.

Majors in psychology at Tusculum may be planning graduate study in research-oriented programs, or they may be seeking to build the skills and knowledge to work at a Bachelor’s level. A wide range of courses is offered, covering current emphases in psychology as well as traditional topics. In addition, students can work in an agency setting during an internship that builds job-related skills, and they have the option of conducting an independent research project under the direction of a faculty member. For those with special interests, independent study may be arranged in areas not covered by a scheduled course.

There is an active group of psychology majors on this campus. Psychology majors have a number of opportunities to participate in special activities, including class trips to courtrooms and residential treatment centers, participation in the Southeastern Psychological Association annual meeting, and cross-cultural experiences in the southern United States.

Psychology majors are provided with advice on job searches and graduate school preparation. Our graduates go to work at mental health centers, social service programs, or other jobs related to the major, or continue their education at graduate schools.

The psychology program is closely connected with the teacher education major; education students take three psychology courses as part of their general education courses, education majors seeking a minor in psychology take five psychology courses in addition to the ones required by the education program and students seeking secondary licensure in psychology will take five psychology courses in addition to their general and professional education courses.

Psychology Department Retention Standard
Starting with the fall 2004 class, all psychology majors must have a major grade point average of 2.5 or better by the end of their third course that applies to the major to be retained in the Psychology Program; thereafter, majors’ G.P.A.s will be re-evaluated every second semester. Exceptions to this policy may be made at the discretion of the Psychology Department.

Psychology Major
MATH 215 Elementary Statistics
PSYC 100 Career Options in Psychology (1 hr.)
PSYC 101 Essentials of Psychology
PSYC 200 Developmental Psychology
PSYC 205 Theories of Personality
PSYC 220 Abnormal Psychology
PSYC 221 Social Psychology
PSYC 310 Introduction to Research Methods
PSYC 315 Cognition
PSYC 331 Introduction to Psychotherapy & Counseling or
PSYC 335 Introduction to Behavior Change Techniques
PSYC 345 Biological Foundations of Behavior
PSYC 400 Seminar in Psychology
PSYC 415 Theories & Systems of Psychology
TOTAL: 49 semester hours

Psychology-Teaching Licensure—Grades 9-12
The following program leads to licensure with an endorsement in Psychology, for teaching grades 9-12. The program is comprised of 145 semester hours, as follows:
Major - 40 hours
Professional Education - 36 hours
General Education - 65 hours

Major Curriculum
EDUC 419 Content Area Reading
PSYC 205 Theories of Personality
PSYC 220 Abnormal Personality
PSYC 221 Social Psychology
PSYC 310 Introduction to Research Methods
PSYC 315 Cognition
PSYC 345 Biological Foundations of Behavior
PSYC 400 Seminar in Psychology
PSYC 415 Theories and Systems of Psychology
Choose one of the following:
PSYC 331 Introduction to Psychotherapy & Counseling
PSYC 335 Introduction to Behavioral Change Techniques

Professional Education Curriculum
EDUC 200 History and Philosophy of Education
EDUC 320 Classroom Discipline and Management
HGLN 337 Assessment and Evaluation
EDUC 342 Learning Environments 7-12
EDUC 452 Student Teaching Seminar
EDUC 456 Enhanced Student Teaching: 9-12 (two 6-hour placements)
SPED 101 Survey of the Regular and Special Populations Within the School Environment

General Education (65 hours)
*CICS 100 Computers as a Tool
CISC 216 Computers as a Classroom Support System
**ENGL 100 Introduction to College Writing
ENGL 110 Composition and Rhetoric
ENGL 111 Composition, Research, and Rhetoric
EVSC 111 Environmental Science
GEOG 200 Introduction to Geography
HIST 101/2 The West & the World I or II
HIST 201/2 U.S. History Survey I or II
**MATH 101 Basic Mathematics
MATH 102 College Algebra
MATH 215 Elementary Statistics
OREN 105 Tusculum Experience
PHED 201 Foundations of Personal Fitness and Wellness
POLS 380 The Political Traditions of the West
PSYC 101 Essentials of Psychology
PSYC 200 Developmental Psychology I
PSYC 305 Educational Psychology
RELG 330 The Hebrew and Christian Traditions
SOCI 101 Principles and Social Institutions

Choose one of the following:
MUSC 101 Introduction to Western Music
THEA 104 Introduction to Theatre
VISA 110 Introduction to Art
VISA 204 Ancient through Renaissance Art
VISA 208 Baroque through Modern Art
*Test opportunity available
**Not required if ACT/SAT scores merit exemption

Psychology Minor
The minor in Psychology requires the completion of five psychology courses.
PSYC 101 Essentials of Psychology
PSYC 200 Developmental Psychology
PSYC 205 Theories of Personality
PSYC 221 Social Psychology
Choose one of the following:
PSYC 215 Cross Cultural Psychology
PSYC 220 Abnormal Psychology
PSYC 230 Impact of Gender
PSYC 231 Psychology and the Law
PSYC 300 Special Topics
PSYC 315 Cognition
PSYC 345 Biological Foundations of Behavior
TOTAL: 20 semester hours

Course Descriptions
PSYC 100. CAREER OPTIONS IN PSYCHOLOGY. 1 hour.
The purpose of this mini course is to introduce students to graduate school and employment opportunities within psychology and psychology-related fields. Topics to be covered include: how to tell if psychology is the “right” major; how to get the most out of the Tusculum College psychology major; what career opportunities are available to psychology majors; what undergraduates need to know about getting into graduate school, and what undergraduates need to know about working after graduation. Competency: Self-Knowledge. Offered every fall semester. This course can be taken once for Pass/Fail credit.

PSYC 101. ESSENTIALS OF PSYCHOLOGY.
The course introduces the student to the field of psychology by concentrating on the basic methods of research; growth and development; perceptual processes and cognition; motivation and emotion; and mental health problems and therapeutic solutions. Competency: Analytical Reading. Offered every year.

PSYC 200. DEVELOPMENTAL PSYCHOLOGY.
This course provides an introduction to human development, with emphasis on the period from birth through adolescence. Physical, cognitive, language, and social-emotional development will be covered. Specific topics include the impact of the family, peers, and schooling, and the influence of early experiences on cognitive and social-psychological development. Current patterns of adult development and myths about aging will be explored. Competency: Writing. Prerequisite: PSYC 101. Offered every year.
PSYC 205. THEORIES OF PERSONALITY.
Students will closely examine a number of personality theories that are representative of the various paradigms within the field of psychology. The lives of the theorists as well as the evolution of their ideas will be traced; their contributions, both theoretical and applied, will be evaluated. Emphasis will be on reading and analysis of original theoretical and applied writings. Competency: Writing. Prerequisite: PSYC 100, PSYC 200 or permission of instructor. Offered every year.

PSYC 210. ADULTHOOD AND AGING.
This course will examine adult development and aging in detail, with emphasis on recent studies in this area. Traditional views of physical, cognitive, and psycho-social development will be compared with the realities of adult lifestyles in the present society. The field of gerontology (study of older adults) will be investigated in detail, with emphasis on the many dilemmas facing society as the proportion of older adults increases dramatically, and the impact of terminal illness will be considered. The course will include exercises to assist students in developing a scientific approach and in integrating course material with their expectations for the future. Competency: Public Speaking. Prerequisite: PSYC 200.

PSYC 220. ABNORMAL PSYCHOLOGY.
This course will introduce students to the field of abnormal psychology through an examination of behavioral, cognitive, and physical symptoms that distinguish the various mental disorders. Primary and secondary source literature concerning various mental disorders will be surveyed and students are expected to present their findings publicly. The biological and behavioral antecedents of abnormal psychological conditions will be examined, with emphasis on the impact of interacting biological, psychological, and social factors. Competency: Public Speaking. Prerequisite PSYC 205 or permission of the instructor. Offered every year.

PSYC 221. SOCIAL PSYCHOLOGY.
This course will examine how individuals think about, influence, and relate to one another, and the impact of social situations on the individual. Students will gain an understanding of: the relationships between attitudes and behavior; how we explain our own and others’ behavior; cultural influences on behavior; why we conform with others’ expectations and how we can resist social pressure; the roots of aggression, altruism and prejudice; and the development of attraction and love. Throughout the course, theoretical information will be applied to situations and dilemmas in our current society. Students will be encouraged not only to develop a scientific approach to their thinking about social situations but also to recognize the influence of cultural and personal values in all scientific inquiry. Competency: Ethics of Social Responsibility. Prerequisite: PSYC 101.

PSYC 230. THE IMPACT OF GENDER.
In the 1990s, women and men in American society face a multitude of issues that impact their citizenship roles. A number of these issues are influenced by the gender roles that have been historically assigned to females and males. This class will explore the biological and historical roots of our gender roles and the extent to which these roles impact our behaviors in our personal as well as our public lives. Competency: Public Speaking.

PSYC 231. PSYCHOLOGY AND THE LAW.
This course will examine the law primarily from a psychological perspective, concentrating on the behaviors of individuals and how individual characteristics interact with the legal environment. Students will review landmark court decisions, research reports, and other noteworthy documents and will be encouraged to view themselves as participants in the legal system by virtue of their membership in this society. Specific topics to be covered will include theories of criminal behavior, the role of the police, eyewitness testimony, evaluation of suspects, changing definitions of competence and insanity, jury selection and deliberation, and the sentencing process. Emerging trends in law and law enforcement encompassing psychological principles will also be examined. Competency: Critical Analysis. Prerequisite: PSYC 101. Offered on demand.

PSYC 300. SPECIAL TOPICS.
This course provides intensive study of a selected topic in psychology. Topics will be chosen by the instructor and may include areas of investigation such as learning, psychopharmacology, health psychology, Eastern approaches, marriage and family, etc. Competency: negotiated. Prerequisite: PSYC 101 or permission of instructor.

PSYC 305. EDUCATIONAL PSYCHOLOGY.
This course examines the application of psychological science to learning and cognitive approaches to teaching. The issues of development, cognition, learning, and motivation will be covered in relationship to the teaching process. Classroom management techniques and effective teaching strategies will also be covered. Competency: Self-Knowledge. Prerequisite: PSYC 200; for Education students: EDUC 200. Offered every year.

PSYC 310. INTRODUCTION TO RESEARCH METHODS.
Students will examine current research methodology and experimental procedures that characterize the field of psychology. In order to have a working understanding of psychological research methods, emphasis will be on students devising and evaluating their own research efforts. Methods covered will include experimentation, ex-post-facto studies, and correlational research. This course contains a statistical laboratory portion which emphasizes data analysis utilizing the SPSS software package. Survey construction and ethical issues surrounding today’s research techniques will also be highlighted. Competency: Critical Analysis. Prerequisites: PSYC 101, MATH 215, two additional psychology courses. Offered every year.

PSYC 315. COGNITION.
Students will examine the processes of human thinking and how they relate to behavior. Among the topics to be covered are: information processing approaches; perception and attention; memory; the ways in which knowledge is represented and organized; and complex cognitive skills such as language, problem solving, and creativity. The class will combine lecture, student presentations, and laboratory exercises, all of which will emphasize a research-based, empirical approach to this area of human functioning. We will also consider real-world applications of the newest findings. Competency: Critical Analysis. Prerequisites: At least three other psychology courses. Offered every other year.
PSYC 321: INTRODUCTION TO COMMUNITY PSYCHOLOGY.
This course provides an introduction to the field of community psychology. Community psychology is concerned with person-environment interactions and the ways society impacts upon individual and community functioning. Community psychology focuses on social issues, social institutions, and other settings that influence individuals, groups, and organizations. Community psychology as a science seeks to understand relationships between environmental conditions and the development of health and well-being of all members of a community. This course emphasizes research methods directed toward optimizing the well-being of individuals and communities with innovative and alternative interventions designed in collaboration with affected community members and with other related disciplines inside and outside of psychology. Competency: Ethics of Social Responsibility; Critical Analysis. Prerequisite: PSYC 101 or permission of instructor.

PSYC 331. INTRODUCTION TO PSYCHOTHERAPY AND COUNSELING.
The principles and procedures of psychotherapeutic and counseling approaches will be studied and practiced in this course. Students will gain practical experience while dealing with issues such as establishing client rapport and selecting appropriate therapeutic techniques. Both individual and group approaches will be examined. Competency: Critical Analysis. Prerequisite: PSYC 220 or permission of instructor. Offered every other year.

PSYC 335. INTRODUCTION TO BEHAVIOR CHANGE TECHNIQUES.
The principles and procedures of behavior change will be examined and practiced in this course. Behavioral techniques will be covered from both a direct client service model and a consultation model. Emphasis will be upon the selection and definition of target behaviors and the development of appropriate interventions. Competency: Critical Analysis. Prerequisite: PSYC 220 or permission of instructor. Offered every other year.

PSYC 340. TESTING AND MEASUREMENT.
This course is designed to provide students with a general understanding of the theory and practice of psychological testing and assessment. Specific content will include: test construction, issues of reliability and validity, and appropriate uses of testing. Students will also have practical experience and become familiar with some of the widely used intelligence, personality, and aptitude tests. Competency: Critical Analysis. Prerequisite: PSYC 310.

PSYC 345. BIOLOGICAL FOUNDATIONS OF BEHAVIOR.
This course will provide students with a general introduction to the underlying biological principles and mechanisms which give rise to complex human cognitive and emotional behavior. Some of the topics covered include the anatomical structure of nerve cells and how they communicate, properties of brain organization and function, processing in sensory and motor systems, biological rhythms, motivated behavior, the effects of psychotropic medications, and neural and hormonal influences on health and emotion. Competency: Writing. Prerequisite: At least three other psychology courses. Offered every year.

PSYC 350. INDEPENDENT RESEARCH.
This course is designed specifically for those students who are interested in pursuing research of their own choosing. Each student will work on a one-to-one basis with a professor on the design, implementation, and reporting of an original research project. Students also will meet in small groups to discuss research designs and dilemmas. This course is highly recommended for those interested in future research activities such as those required by some graduate programs. The course may be repeated once, with a different research question, for a total of 8 semester hours. An opportunity for students to present their research will be extended each year. Competency: Writing. Offered every year. Prerequisites: PSYC 310 and consent of the instructor.

PSYC 400. SEMINAR IN PSYCHOLOGY.
Required for all psychology majors, this course will help students to consolidate their coursework in the major and explore options for employment or further study beyond graduation. Through individual student presentations and discussion, major themes and concepts of the subfields of psychology will be reviewed. Students also will learn about employment and graduate school application procedures, including preparation for the Graduate Record Examination (GRE). Competency: Self-Knowledge. Prerequisites: PSYC 101, PSYC 200, PSYC 310, two additional Psychology courses (at 200 or 300 level) and Junior standing. Offered every year.

PSYC 415. THEORIES AND SYSTEMS OF PSYCHOLOGY.
This course provides students an overview of the historical development of the field of psychology. Through lectures, readings, and interactive exchanges, students will examine the social, philosophical, and scientific trends that influenced the development of various theories and approaches. In addition, students will evaluate the impact and contributions of these approaches to the field. Competency: Analytical Reading. Prerequisites: Junior or Senior standing in psychology program. Offered every other year.

PSYC 430. CULTURAL PERSPECTIVE IN A GLOBAL ERA.
In this course students will explore the diversity of human psychological functioning across cultures thus facilitating a greater appreciation for the complexity of world issues. Students will develop greater sensitivity to and appreciation of cultural differences in a wide range of areas such as child-rearing, gender-roles, achievement orientations, perceptions of time, space, and the environment, definitions of mental illness, expressions of pain and grief, and personal comfort zones. Students will learn to appreciate and understand national and global issues from the perspectives of minorities within the United States and foreign cultures. Competency: Analytical Reading. Prerequisites: Senior standing; PSYC 101 or permission of instructor.

PSYC 450. INDEPENDENT STUDY. 1-4 semester hours.
Under the guidance of a psychology faculty member, the student plans and carries out an independent exploration of a topic not covered in the regular curriculum. Study generally will consist of a review of literature in a specific area but also may involve data analysis or exploratory research in the field. (This course is distinguished from Psychology 350 in that a complete research project is not carried out.) In most cases, the student will be
expected to produce a comprehensive paper on his or her topic as part of the course requirements. The course may be repeated once on a different topic, for a maximum of 8 semester hours. Competency: Analytical Reading. Prerequisite: Consent of the instructor. Offered on demand.

PSYC 490. PSYCHOLOGY INTERNSHIP. 1-4 semester hours. Students gain experience in the field of psychology by providing service in a mental health, human-service-related, educational, or other organization, under the guidance of a qualified site supervisor and a professor. Attempts are made to tailor placements to students’ interests and learning needs while maximizing their service contributions to the community. Competency: Ethics of Social Responsibility. Prerequisites: Senior standing and consent of the instructor. Offered every year.

RELG 224. WAR AND PEACE STUDIES. A study of the scientific and technological discoveries and events that led up to the first nuclear explosion, the historic conflict between the U.S. and other nations that led to the Arms Race, and nuclear stockpiling as well as efforts toward peace. The Just-War Theory and current attempts to prevent a holocaust will be considered. Students will be challenged to influence the legislature and their own religious communities to promote peace. Competency: Ethics of Social Responsibility.

RELG 206. AMERICAN CIVIL RELIGION. We will look seriously at the religious system that exists alongside organized religion with a theology (creed), an ethic, and a set of rituals and other identifiable symbols related to the political state. We will examine the rhetoric in presidential inaugural addresses to find references to God. What is the role of the citizen in the issue of “keeping” prayer in public schools? How can individuals bring about effective social change (i.e., keeping church and state separate in order to preserve individual freedom)? Competency: Critical Analysis.

RELG 208. SEX, MARRIAGE, AND FAMILY: THEOLOGICAL CONSIDERATIONS. An exploration of such issues as premarital and extramarital sex, homosexuality, single parenting, genetic engineering, divorce, and traditional and non-traditional families. These issues will be examined historically and theoretically with a particular emphasis placed on how individuals as well as the community are affected. Christian and secular positions will be compared. Competency: Self-Knowledge.

RELG 210. AFRO-AMERICAN RELIGIOUS AND SOCIAL MOVEMENTS. A historical study of the leadership, dynamics, and milieu of Afro-American religious and social leadership including the Civil Rights movement and Martin Luther King, Jr. We will look at the Black religious experience as a response to suffering, a way of living, and an understanding of God. Competency: Ethics of Social Responsibility.

RELG 201. WORLD RELIGIONS. An introduction to the beliefs, practices, and underlying spiritual values of the major religions of the world, including Buddhism, Hinduism, Confucianism, Judaism, Christianity, and Islam. Field trips to temples, a Greek Orthodox cathedral, and other religiously related institutions will be included. Competency: Public Speaking.

RELG 203. RELIGION IN AMERICA. This course will analyze and observe the beliefs, rituals, and practices of religious groups in America thereby enabling the student to appreciate the varieties of religious experiences and the significance of religious experience among Americans. Field trips to churches, synagogues, and other church-related institutions will be included. Competency: Writing.

RELG 206. AMERICAN CIVIL RELIGION. We will look seriously at the religious system that exists alongside organized religion with a theology (creed), an ethic, and a set of rituals and other identifiable symbols related to the political state. We will examine the rhetoric in presidential inaugural addresses to find references to God. What is the role of the citizen in the issue of “keeping” prayer in public schools? How can individuals bring about effective social change (i.e., keeping church and state separate in order to preserve individual freedom)? Competency: Critical Analysis.

RELG 208. SEX, MARRIAGE, AND FAMILY: THEOLOGICAL CONSIDERATIONS. An exploration of such issues as premarital and extramarital sex, homosexuality, single parenting, genetic engineering, divorce, and traditional and non-traditional families. These issues will be examined historically and theoretically with a particular emphasis placed on how individuals as well as the community are affected. Christian and secular positions will be compared. Competency: Self-Knowledge.

RELG 210. AFRO-AMERICAN RELIGIOUS AND SOCIAL MOVEMENTS. A historical study of the leadership, dynamics, and milieu of Afro-American religious and social leadership including the Civil Rights movement and Martin Luther King, Jr. We will look at the Black religious experience as a response to suffering, a way of living, and an understanding of God. Competency: Ethics of Social Responsibility.
RELG 326. THE RENAISSANCE AND REFORMATION IN EARLY MODERN EUROPE.
This course will look at the Renaissance and Reformation movements within the broader context of the political and economic developments of Early Modern Europe. The course will focus on the conditions of late medieval Florence that contributed to the artistic and literary developments of the 15th century. The course will trace the diffusion of the Renaissance in the Italian Peninsula and then to Europe north of the Alps. We will explore the uses to which the artistic developments of the Renaissance were put, and the long-term impact of the Renaissance on various European cultures. The course will also trace the development of the religious reform movement known as the Protestant Reformation movement from its bi-polar centers in Wittenberg and Zurich. It will outline the spread of the movement, conditions that facilitated the introduction of the Reformation across Europe, divisions within the Reformation movement, and the efforts of the Catholic church to respond to the challenge. Competency: Critical Analysis. Prerequisites: HIST 101 and 102, or RELG 101 and 102, or permission of the instructor.

RELG 301. NEW AGE SPIRITUALITY AND THE CULTS.
An analysis of cultic Christianity as well as expressions of Eastern religious thought as currently manifested in the American subculture. Comparisons will be drawn between these new religious movements and traditional Judeo-Christian thought. Competency: Critical Analysis.

RELIGION 330. HEBREW AND CHRISTIAN TRADITIONS.
This course will acquaint the student with the dominant themes of the books of the Old and New Testament, the process through which they became canonical, and the struggles down to the present time over the meaning and relevance for issues of social ethics. Required of all students unless they take RELG 101 and 102.

RELG 400. SPECIAL TOPICS.
Advanced study of a designated topic not otherwise covered in religion course offerings. Topics may include spiritual autobiographies, black theology, feminist theology, the church in the world, Latin America, or other topics. Competency: Writing. Prerequisite: Permission of instructor.

SERVICE-LEARNING
Tusculum's Service-Learning graduation requirement became effective with the Freshman class that entered the College in the fall of 1993. Students may fulfill the requirement through a Civic Arts Project; a Service-Learning course (each 4 semester credits); a Service-Learning Practicum (for 2 semester credits); an approved internship; or through an approved departmental course with a significant service-learning component.

Additional Service-Learning (SVLN) immersion courses may be offered. Presently, these may include an international service-learning experience in Belize, a trip to the Navajo Nation in Arizona, or a stay in New Orleans to help with hurricane recovery. Participation in these courses is determined through an application process.

The Service-Learning courses include two student outcomes: students will apply their skills and knowledge to engage in activities that benefit the community and promote social justice (social responsibility); and students will examine their lives, develop habits of on-going reflection, and understand the relationship between their lives and the life of the community (self-knowledge). Issues dealing with the individual and community, public and private, diversity and the common good, and social change will also be examined in these courses.

Service-Learning courses have as prerequisite Sophomore standing and successful completion of CMNS/SOCI 251. They are to be undertaken within the year following the student's completion of the prerequisite and before the beginning of the Senior year.

COURSE DESCRIPTIONS
SVLN 351/CMNS 351 SERVICE-LEARNING PRACTICUM. 2 semester hours.
This option is available during the summer and may be carried out in the student’s home community or elsewhere. Students will get experience putting the civic arts into practice by working at least 50 hours in service roles with environmental and non-profit community organizations serving underserved populations. Academic class sessions held on three afternoons in Block 8, writing assignments and regular contact with the instructor prepare students to gain the most benefit from their service placements. Offered every summer.

SVLN 352. ADVANCED SERVICE-LEARNING PRACTICUM. 2 semester hours.
Independently, students will build on their service-learning experience by completing at least 50 additional hours of service — either continuing a service placement or undertaking a new placement. Service placements may be on campus, in the surrounding region, in student’s home communities, or in other national or international areas. In addition, students will keep a journal of their service experience, attend sessions scheduled through the Center for Civic Advancement, and conduct research into the issues addressed by their service placement. SVLN 352 may be completed within a block or over the semester. Prerequisite: SVLN/CMNS 351, 354, 355, or 356. The Self-Knowledge outcome and issues of social justice will be examined. Offered as needed.
SVLN 354/CMNS 354. SERVICE-LEARNING IN NORTHEAST TENNESSEE.
Students may engage in a variety of service activities within the Greeneville/Greene County or Tri-Cities area. These activities involve issues of social justice, economic opportunity, environmental protection or restoration, education, or health and wellness. They may use community-based research techniques to identify community needs and help accomplish community goals. Readings, class sessions, journals, and writing assignments will help the students learn from their service experiences. This is a one block course. The Self-Knowledge outcome and issues of social justice will be examined. Offered every year.

SVLN 356/CMNS 356. SERVICE-LEARNING IMMERSION.
This course centers on travel to a setting outside Northeast Tennessee, where students will be immersed in a service experience. Travel may be to sites involving another culture. Working through a host organization, students will put in 70-100 hours of service. The service needed may involve issues of social justice, economic opportunity, environmental protection or restoration, education, or health and wellness. Readings and research before and after the trip will help students understand the issues they confront and the setting where they are offering service. Discussion and writing assignments will help students reflect on and learn from their service experiences. The process of living and working together and making collective decisions will be a laboratory for the practice of civility. Students should register for this course, but final participation is determined through an application process. The Self-Knowledge outcome and issues of social justice will be examined. This is a one block course. Offered at one or two sites every year.

SVLN 450. INDEPENDENT STUDY IN SERVICE-LEARNING.
This course provides additional in-depth experience in service-learning and/or the opportunity to research issues raised by a previous service-learning course. Advance arrangements should be made with the instructor. Prerequisites: SVLN/CMNS 354, 355 or 356. The Self-Knowledge outcome and issues of social justice will be examined. Offered as needed.

SVLN 451. PRACTICUM IN CIVIC ENGAGEMENT.
This course is designed to allow students to engage in intensive study and action in a community organization. Students will explore theories and concepts of civic involvement and methodologies of Community-Based Research, Participatory Action Research, and community mapping using GIS and GPS technology. Students will develop and implement a Community-Based Research or mapping project around a social issue and/or with a public policy focus with a public or private non-profit organization pertaining to their major to address a community need. Prerequisite: SVLN 351, 354, or 356 (or satisfaction of the Service-Learning Commons requirement).

SVLN 455. CIVIC ARTS PROJECT/CAPSTONE INTERNSHIP.
This capstone course is designed to prepare students to develop and implement a Community-Based Research and/or a Civic Engagement project, when possible, with a public policy focus. Drawing on the student’s learning and experience from previous community work, the student will have identified a community need. Through practical deliberation, problem-solving and discussion with community members, the student will design the project. A proposal must be developed and a project committee established including the student, a community member, a representative from the Center for Civic Advancement and a faculty member chosen by the student. Prerequisite: SVLN 451.

SOCIOLGY

COURSE DESCRIPTIONS

SOCI 101. PRINCIPLES AND SOCIAL INSTITUTIONS.
Examines basic sociological ideas including social relations, social interaction, social structure, and social change. Reviews classical and contemporary social theories. Introduces student to the sociological imagination. Competencies: Analytical Reading, Writing, Critical Analysis.

SICI 105. CONTEMPORARY SOCIAL ISSUES.
This course examines the social issues and problems confronting our world today. It will initiate a critical questioning of 1) what is a social problem? 2) how can we gain a sociological understanding of social problems? 3) what kinds of thinking should we avoid in our attempts to understand problems? 4) what are some causes of social problems? 5) what is the impact of race, class, and gender on how we construct ideas of social problems? Competencies: Analytical Reading, Writing, Critical Thinking, Ethics of Social Responsibility.

SOCI 251/CMNS 251. THEORY AND PRACTICE OF CITIZENSHIP.
This course examines the process of democratic social change where citizens interact as individuals seeking the common good. It examines how we think about the communities we choose (theory) and how we work within them (practice). Through readings and fieldwork, it explores how institutions, groups, organizations, and communities function; through readings and reflection, it engages in moral reasoning about how these bodies should function and how citizens can work toward the common good. This course also serves as an introduction to service-learning. Prerequisite: Sophomore standing. Competency: Analytical Reading, Civility and Ethics of Social Responsibility.
SPANISH

The United States includes the fifth largest Spanish-speaking population in the world, and this country is situated in a hemisphere where Spanish is one of four major languages. Spanish study is an important component of the education of citizens interested in working effectively to improve their global awareness.

COURSE DESCRIPTIONS

SPAN 101-102. ELEMENTARY SPANISH.
Introduction to the elements of Spanish enhanced by video materials. Competency: Public Speaking. Offered every year.

SPECIAL EDUCATION

In keeping with the mission of the College, the goal of the Special Education Program is one of service to the community. The program is divided into two endorsement programs: The Modified/Comprehensive Program and Early Childhood Special Education Program. The Modified/Comprehensive Program leads to endorsement for licensure to teach special needs students in kindergarten through 12th grade. This program prepares teachers of students whose early needs focus on development of basic skills, those students who need educational programs that require an adaptation of the regular school curriculum, and/or students whose later needs focus on vocational and independent living skills. The Early Childhood Special Education Program leads to endorsement for licensure to work with very young special needs children and their families. Students may select the Modified/Comprehensive K-12 Program and/or the Early Childhood Special Education Pre/K-3

To best serve the community, the Special Education Program seeks to integrate the knowledge and skills in general education, professional education, special education core, and concentrations with the Civic Arts philosophy of Tusculum. Prospective teachers will:

1. Demonstrate the knowledge and skills in human development and learning, including the study of individual differences.
2. Develop a broad knowledge of the field of special education, including a study of various handicapping conditions.
3. Demonstrate ability to initiate appropriate techniques to plan and implement successful programming for special needs students.
4. Demonstrate the ability to work collaboratively with colleagues, communicate effectively with parents, and positively influence the education of all children.

Students may elect programs leading to licensure for teaching Special Education Modified and Comprehensive, and/or teaching Early Childhood Special Education.

The coursework in Special Education involves extensive practicum experiences. Well-planned practicum experiences provide students with varied placements that prepare them for successful student teaching.

1. Special Education, Modified and Comprehensive
   This program is comprised of 141 semester hours with the optional courses for Early Childhood Special Education.
   Major - 44 semester hours
   Professional Education - 32 semester hours
   General Education - 65 semester hours
   Optional Courses for Early Childhood
   Special Education - 10 semester hours

Special Education Core
PHED 170 Rhythms and Dance (1 hour)
PHED 360 Design/Methods Elem. PE (3 hours)
SPED 101 Survey of the Regular and Special Populations
Within the School Environment
SPED 354 Strategies for the Early Childhood Special Needs Students
SPED 352 Developmental Disabilities

Modified and Comprehensive
ENGL 335 Children’s Literature
EDUC 307 Language Development and Emergent Literacy
EVSC 425 Physical and Environmental Science Concepts
HGLN 337 Assessment and Evaluation
HGLN 417 Literacy Through Language Arts
SPED 355 Transition Strategies for the Special Needs Student
SPED 455 The Consulting Teacher Model

Professional Education Courses
EDUC 200 History and Philosophy of Education
EDUC 320 Classroom Discipline and Management
EDUC 416 Teaching Reading
MATH 425 Mathematics Applications in the Real World
SPED 452 Student Teaching Seminar (4 hours)
SPED 458 Student Teaching: Mod/Comp K-12 (12 hours)

General Education Courses
BIOL 100 Introductory Biology
*CISC 100 Computer as a Tool
CISC 216 Computer as a Classroom Support System
**ENGL 100 Introduction to College Writing
ENGL 110 Composition and Rhetoric
ENGL 111 Composition, Rhetoric, and Research
GEOG 200 Introduction to Geography
HIST 101 or 102 The West and the World I or II
HIST 201 or 202 U.S. History I or II
**MATH 101 Basic Math
MATH 102 College Algebra
OREN 105 Tusculum Experience
PHED 115 Safety, First Aid, and CPR (1 hr.)
PHED 260 Methods for School Health Teachers (3 hrs.)
POLS 380 The Political Traditions of the West
PSYC 101 Essentials of Psychology
PSYC 200 Developmental Psychology
PSYC 305 Educational Psychology
RELG 330 The Hebrew and Christian Tradition
SOCI 101 Principles and Social Institutions
Choose one of the following courses:
MUSC 101 Introduction to Western Music
THEA 104 Introduction to Theatre
VISA 110 Introduction to Art
VISA 204 Ancient through Renaissance Art
VISA 208 Baroque through Modern Art

Optional Early Childhood Special Education (10 hours)
VISA 330 The Arts and Childhood Learning
SPED 459 Enhanced Student Teaching: Infant/Toddler (6 hours)
*Test opportunities are available.
**Not required if ACT/SAT scores merit exemption.

2. Special Education Early Childhood
This program is comprised of 145 semester hours with the optional courses in Early Childhood Education.
Major – 48 semester hours
Professional Education - 32 semester hours
General Education – 65 semester hours

Special Education Core
PHED 170 Rhythms and Dance (1 hour)
PHED 360 Curriculum Design/Methods Elem. PE (3 hours)
SPED 101 Survey of the Regular and Special Populations Within the School Environment
SPED 354 Strategies for the Early Childhood Special Needs Students
SPED 352 Developmental Disabilities
SPED 451 Educating the Gifted Student

Early Childhood Concentration
ENGL 335 Children’s Literature
EVSC 425 Physical and Environmental Science Concepts
EDUC 307 Language Development and Emergent Literacy
HGLN 337 Assessment and Evaluation
HGLN 340 Learning Environments EC/PreK-4
MATH 425 Mathematics Applications in the Real World
VISA 330 The Arts and Childhood Learning

Professional Education
EDUC 200 History, Philosophy and Principles of Education
EDUC 320 Classroom Discipline and Management
EDUC 416 Teaching Reading
HGLN 417 Literacy Through Language Arts
EDUC 452 Student Teaching Seminar (4 hours)
EDUC 453 Enhanced Student Teaching PreK-4 (6 hours)
SPED 459 Student Teaching: Infant/Toddler (6 hours)

General Education
BIOL 100 Introductory Biology
*CISC 100 Computer as a Tool
CISC 216 Computer as a Classroom Support System
**ENGL 100 Introduction to College Writing
ENGL 110 Composition and Rhetoric
ENGL 111 Composition, Rhetoric, and Research
GEOG 200 Introduction to Geography
HIST 101 or 102 The West and the World I or II
HIST 201 or 202 U.S. History I or II
**MATH 101 Basic Math
MATH 102 College Algebra
OREN 105 Tusculum Experience
PHED 115 Safety, First Aid, & CPR (1 hr.)
PHED 260 Methods for School Health Teachers (3 hrs.)
POLS 380 The Political Traditions of the West

PSYC 200 Developmental Psychology
PSYC 305 Educational Psychology
PSYC 101 Essentials of Psychology
RELG 330 The Hebrew and Christian Traditions
SOC 101 Principles and Social Institutions

Choose one of the following courses:
MUSC 101 Introduction to Western Music
THEA 104 Introduction to Theatre
VISA 110 Introduction to Art
VISA 204 Ancient through Renaissance Art
VISA 208 Baroque through Modern Art
*Test opportunities are available.
**Not required if ACT/SAT scores merit exemption.

Special Education Modified & Comprehensive Minor
Grades K-12
EDUC 307 Language Development/Emergent Literacy
HGLN 337 Assessment and Evaluation
EDUC 416 Teaching Reading
HGLN 417 Literacy Through Language Arts
SPED 354 Strategies for the Early Childhood Special Needs Students
SPED 355 Transition Strategies for the Special Needs Student
SPED 352 Developmental Disabilities
SPED 455 The Consulting Teacher Model
TOTAL: 32 semester hours

The Special Education minor may be added to any existing School of Education Major with Licensure. All listed courses are required for the minor; however, some course requirements may be accomplished through preparation for a particular major.

Course Descriptions

SPED 101. SURVEY OF THE REGULAR & SPECIAL NEEDS POPULATION WITHIN THE SCHOOL ENVIRONMENT.
This course is designed for the preservice teacher to develop an understanding of the characteristics of the school environment and the relationship of that school environment to the total school system: local, state, and federal. The preservice teacher will focus on developing the professional ‘self’ called teacher. Finally, the preservice teacher will survey those elements within the school that foster the education of regular and special school populations within the school. The preservice teacher will study current practices, issues, and trends in Special Education Law and Policy to prepare to serve the special needs population in regular and special education school environments. Practicum experiences included. Competency: Writing. Offered every year.

SPED 352. DEVELOPMENTAL DISABILITIES.
This course is presented in a seminar format and provides the preservice teacher with an opportunity to have a hands-on experience with the therapists presenting the seminar. Among such professionals will be an occupational and physical therapist, speech therapist, and for the young child, the developmental specialist. These courses include clinical experiences in various settings, including the school, giving continuity to the seminar. The focus is on individuals with severe handicapping conditions that require occupational and physical therapy and speech
SPED 354. STRATEGIES FOR THE EARLY CHILDHOOD SPECIAL NEEDS STUDENTS.
This course is designed for preservice teachers working with the student with mild handicaps and the student who has moderate to severe handicaps. The course will focus on the young child from birth through early years and into school. Through varied practicum experiences the pre-service teacher will have the opportunity to observe the young special needs children in home, school, and other settings. The pre-service teachers will study the methods of developing skills in these diverse learners as well as working with the students as they learn the skills. The pre-service teachers will be able to identify the community and school resources for gaining support and skill development for their special needs children. Practicum experiences included. Competency: Public Speaking. Prerequisites: SPED 101 and SPED 101. Offered every other year.

SPED 355. TRANSITION STRATEGIES FOR THE SPECIAL NEEDS STUDENTS.
This course will encompass the critical area of transition for the mild and moderate to severely handicapped special education student. The preservice teacher will through a variety of classroom and practicum experiences demonstrate the ability to identify and develop appropriate transition goals for the student. The preservice teacher will through varied practicum experiences develop a working knowledge of the services available to this population, as well as the skills needed by the special needs student to become a productive member of society. Preservice teachers will collaborate with the supervising teachers to develop a knowledge basis for linking students and families with services ranging from assisted work environments to college application and other accommodations. Candidates will demonstrate the ability to develop sound transition plans by participating in the IEP process for students transitioning from middle school level to high school and from high school to society. Practicum experiences included. Competency: Critical Analysis. Prerequisites: EDUC 200 and SPED 101. Offered every other year.

SPED 451. EDUCATING THE GIFTED STUDENT.
This course is designed to provide the special education major with expertise in working with gifted children in the public school. The preservice teacher will gain knowledge and experiences critical to the education of the gifted student. Emphasis on identification, criteria for certification, and assessment will provide the student with an understanding of the specific needs of the gifted student. Teaching strategies that address higher order thinking skills, abstract reasoning, analytical and critical thinking, will be introduced. Preservice teachers will examine the aspect of multiple intelligences and the gifted student. Collaboration with the regular classroom teacher will be addressed through practicum experience. The preservice teacher will demonstrate through the practicum experience the ability to create learning opportunities that will challenge and engage the gifted student, as well as the highly functioning non-certified students in the regular classroom. Practicum experiences included. Competency: Analytical Reading. Prerequisites: EDUC 200 and SPED 101. Offered every other year.

SPED 455. THE CONSULTING TEACHER MODEL.
This course will provide a framework for the preservice teacher in the area of special education consultation. The preservice teachers will gain knowledge and experience in addressing the needs of students with specified learning disabilities from mild to moderate and severe in reading, written expression, mathematics, auditory processing, as well as behavioral disorders. Strategies for early recognition, referral, assessment, and intervention will be the major focus of this course. The preservice teacher will demonstrate an understanding of the needs of the students with specific learning disabilities as well as strategies for collaborating with the regular classroom teacher to facilitate the success of this special education population. The preservice teacher will also develop a knowledge base for addressing the needs of the students served under Section 504 with accommodations for health issues as well as Attention Deficit Disorder. Preservice teachers will demonstrate the ability to develop appropriate learning goals and objectives through the completion of an IEP as well as a 504 Accommodation plan. The preservice teacher will also examine the mandates addressing the assessment of this target population by the No Child Left Behind legislation. Practicum experiences included. Competency: Public Speaking. Prerequisites: EDUC 200 and SPED 101. Offered every other year.

SPED 458. ENHANCED STUDENT TEACHING (K-12). 12 semester hours.
Full-time teaching experience in two regular placements (elementary and high school grades) in accredited schools under the direction of selected classroom teachers and a campus supervisor.

SPED 459. ENHANCED STUDENT TEACHING: INFANT AND TODDLER. 6 semester hours.
Full-time teaching experience in two regular placements in accredited schools under the direction of selected classroom teachers and a campus supervisor.

SPORT MANAGEMENT
Please see the PHYSICAL EDUCATION section of the catalog.
THEATRE

Students at Tusculum are encouraged to participate in theatrical productions as well as numerous other dramatic activities sponsored by Tusculum Arts Outreach. Facilities include the 700-seat Annie Hogan Byrd Auditorium and the 200-seat David F. Behan Theatre.

COURSE DESCRIPTIONS

THEA 104. INTRODUCTION TO THE THEATRE.
A survey course to acquaint the student with our cultural heritage in the theatre. Units covered include history, roles of various theatre artists, theories and structures of drama, and the basic fundamentals and techniques of acting. Topics are covered through lecture, assigned reading, and student participation. Offered every year.

THEA 190. THEATRICAL PRODUCTION. 1 semester hour.
This course entails a minimum of 40 hours work in some combination of acting, set construction, make-up, costume, lighting, or other technical support connected with a college theatrical production. Note: a maximum of 8 semester hours credit in THEA 190 may apply toward graduation.