

ENGLISH

English

Major

Minor

Concentrations in:

- LITERATURE
- CREATIVE WRITING
- PROFESSIONAL WRITING

Teaching Certification Option

Professors:

Dolly, Hurd, Lutz, A. F. Parks, Pula, Snelson

Associate Professors:

Barkley, R. Brewer, Ewers (Chair), Idris, Kehrwald, R. Smith

Assistant Professors:

Branam, A. Duncan, S. Duncan, LaFemina

Instructor:

Chapman

Lecturer:

Tripp

- If you wish to obtain secondary school teaching certification, you must complete the Teaching Certification Option.
- An internship is required for the Teaching Certification Option, but in other English concentrations, an internship is optional.
- The department also coordinates minors in film studies, journalism and public relations and participates in the environmental humanities minor (see separate sections of this catalog).
- A certificate in professional writing is offered.
- ENGL 101, 111, 150, 221, 250, 308, 309, 310, and 312 do not count toward major or minor.

| | MAJOR | MINOR | TEACHING CERTIFICATION OPTION |
|--------------------------------------|-----------|-----------|-------------------------------|
| Hours Required in English: | 40 | 24 | 40 |
| Hours Required in Other Departments: | 0 | 0 | 42.5 |
| Total Hours Required: | 40 | 24 | 82.5 |

Summary of Requirements for Major/Minor in English

Major

1. Core Curriculum (15 hours)

ENGL 260 British Literature: Beowulf to Present*
 ENGL 261 American Literature: Colonial to Present*
 ENGL 270 European and Neo-European Literature*
 or ENGL 271 Asian and African Literature*
 ENGL 300 Critical Writing about Literature* (Core Skill 2)
 ENGL 306 Introduction to English Linguistics* **
 or ENGL 416 History of the English Language* **

*Must have a C or better to count toward major.

**Students in the Teaching Certification track must take ENGL 416 to fulfill their Major Core Curriculum.

2. Concentrations (25 hours)

Majors must choose one of the following concentrations:

- Literature
- Creative Writing
- Professional Writing

or

- Teaching Certification Option (Requirements for each are specified next page)

Minor

1. Core Curriculum

(15 hours-Same as major)

2. Minor Core Requirement (3 hours)

ENGL 340 Shakespeare

3. Electives (6 hours)

Criteria for electives: Students must take 6 hrs. of literature at the 300/400 level.

Requirements for Literature Concentration

1. Major Core Curriculum: (15 hours - listed above)

2. Concentration Core Requirements: (7 hours)

ENGL 340 Shakespeare
 ENGL 471 Seminar in Critical Theory
 ENGL 489 English Capstone

3. Period Courses: (9 hours)

Take one of the following:

ENGL 371 Literature of the Middle Ages
 ENGL 372 Early Modern Literature
 ENGL 373 Literature of the Enlightenment

Take one of the following:

ENGL 374 Literature of the Age of Revolution
 ENGL 375 Romanticism
 ENGL 376 Realism and Naturalism

Take one of the following:

ENGL 377 Modernism
 ENGL 378 Postmodernism
 ENGL 379 Postcolonial Literature

4. Specialization Course: (3 hours)

Take one of the following:

ENGL 431 World Drama I
 ENGL 432 World Drama II
 ENGL 440 Literature of the Environment
 ENGL 450 Women and Literature
 ENGL 490 Selected Topics in English

5. Electives: (6 hours)

Students may count a maximum of 6 hours of writing courses beyond ENGL 300 Critical Writing About Literature. Students may count one 200-level course

Requirements for Creative Writing Concentration

1. Major Core Curriculum: (15 hours - listed above)

2. Concentration Requirements: (22 hours)

ENGL 334 Creative Writing: Fiction
 ENGL 335 Creative Writing: Poetry
 ENGL 377 Modernism
 or ENGL 378 Post Modernism
 ENGL 460 Form and Theory of Fiction and Poetry
 ENGL 470 Senior Workshop
 ENGL 489 English Capstone

Six hours from the following:

ENGL 360 Creative Nonfiction
 ENGL 434 Advanced Fiction Writing
 ENGL 435 Advanced Poetry Writing

3. Elective: (3 hours)

English course (300/400 level)

Requirements for Professional Writing Concentration

1. Major Core Curriculum (15 hours - listed above)

2. Concentration Requirements: (19 hours)

ENGL 330 Business Writing
 or ENGL 338 Technical Writing
 ENGL 336 Journalistic Writing
 ENGL 360 Creative Nonfiction
 ENGL 402 Editing and Production
 ENGL 430 The Composing Processes
 ENGL 436 Advanced News and Feature Writing
 ENGL 489 English Capstone

3. Electives: (6 hours)

Literature courses (300-400 level)

Requirements for Teaching Certification Option

1. Major Core Curriculum: (15 hours - listed above)

2. Teaching Certification Core Requirements:
 (16 hours)

ENGL 276 Adolescent Literature
 ENGL 306 Introduction to English Linguistics
 ENGL 330 Business Writing
 or ENGL 334 Creative Writing: Fiction
 or ENGL 335 Creative Writing: Poetry
 or ENGL 336 Journalistic Writing
 ENGL 340 Shakespeare
 ENGL 430 The Composing Processes
 ENGL 489 English Capstone

3. Electives (9 hours)

Literature courses.

Summary of Requirements for Teaching Certification Option in English

If you wish to complete a Maryland State approved program in teaching English, you must:

- Complete the BA/BS in English (Teaching Certification Option)
- Meet the phase admissions requirements summarized in the Educational Professions section.
- Complete the professional education sequence described in Education: Secondary Programs.

PROFESSIONAL WRITING & ENVIRONMENTAL ANALYSIS & PLANNING

Professional Writing

Certificate

Coordinator:

Charles Ewers, Associate Professor
and Chair, Department of English

- To be eligible for a certificate, students must achieve at least a C in each writing course applied to certification.
- Students majoring in English with a concentration in professional writing are not eligible for the certificate.
- You cannot major in Professional Writing

| | CERTIFICATE |
|--------------------------------------|-------------|
| Hours Required in English: | 12 |
| Hours Required in Other Departments: | 0 |
| Total Hours Required: | 12 |

The certificate in professional writing is open to degree-seeking students in any major and non-degree seeking members of the community who would like to strengthen writing skills.

Non-degree-seeking students must provide evidence of successful completion of no fewer than 42 college-level credits, including a freshman English course, passed with a grade of C or better.

Summary of Requirements for Certificate in Professional Writing

Select 12 hours from the following courses:

| | |
|----------|-----------------------------------|
| ENGL 330 | Business Writing |
| ENGL 336 | Journalistic Writing |
| ENGL 338 | Technical Writing |
| ENGL 339 | Scientific Writing |
| ENGL 402 | Editing and Production |
| ENGL 436 | Advanced News and Feature Writing |
| ENGL 430 | The Composing Processes |

Environmental Analysis & Planning

Major

Contact:

Craig Caupp, Chair,
Department of Geography

Participating Faculty:

Professors:

Caupp, Precht (Geography),
Raesley, Yoder (Biology)

Associate Professor:

Kessler (Geography),
Pegg (Biology)

Assistant Professors:

Allen, D. Arnold, M. Ramspott
(Geography)

- This multidisciplinary program is jointly administered by the Departments of Biology and Geography.
- You may not minor in Environmental Analysis and Planning.
- The program is supported by the Maryland Department of the Environment.
- Internship is optional.
- You are advised to complete the 100- and 200-level courses within your first 60 hours of course work, and before enrolling in 400-level courses in Geography and Biology.

| | MAJOR |
|--------------------------------------|--------------|
| Hours Required in Geography: | 46-47 |
| Hours Required in Biology: | 21-23 |
| Hours Required in Other Departments: | 17-18 |
| Total Hours Required: | 84-88 |

Summary of Requirements for Major in Environmental Analysis and Planning

Major

1. Courses in Biology: (21-23 hours)

| | |
|------------------------------|---|
| BIOL 149 | General Biology I (GEP Group C) |
| BIOL 150 | General Biology II |
| BIOL 314 | Plant Taxonomy |
| BIOL 340 | General Ecology |
| <i>Take 2 of 4 courses:*</i> | |
| BIOL 303 | Plant Physiology |
| BIOL 304 | Microbiology |
| BIOL 421 | Sample Design and Analysis of Plant Communities |
| BIOL 430 | Limnology |

*GEOG 445, *Biogeography*, may be substituted for one of the BIOL electives.

2. Courses in Geography: (46-47 hours)

| | |
|--------------|--|
| GEOG 103/113 | Physical Geography (GEP Group C) |
| GEOG 207 | Physical Geology |
| GEOG 275 | Fundamentals of Geographic Data Handling (Tech. Fluency) |
| GEOG 310 | Fundamentals of Cartography |
| GEOG 340 | Soil: Genesis, Nature and Characterization |
| GEOG 413 | Remote Sensing - Image Interpretation |
| GEOG 430 | Surface Water Hydrology |
| GEOG 470 | Soil & Water Engineering |
| GEOG 472 | Environmental Planning (Capstone) |
| GEOG 473 | Environmental Law |

Take four of six courses:

| | |
|----------|--|
| GEOG 208 | Historical Geology |
| GEOG 317 | Principles of Geographic Information Science |
| GEOG 432 | Groundwater Hydrology |
| GEOG 433 | Surveying and Field Techniques |
| GEOG 441 | Soil Analysis |
| GEOG 471 | Engineering for Land Development |

3. Required Courses in Other Departments: (17-18 hours)

| | |
|----------|--|
| CHEM 101 | General Chemistry I (GEP Group C) |
| CHEM 102 | General Chemistry II |
| ENGL 338 | Technical Writing (Core Skill 2) |
| MATH 209 | Elements of Applied Probability and Statistics (Core Skill 3) |
| MATH 220 | Calculus for Applications or MATH 236 Calculus I (Core Skill 3) |

Environmental Humanities

Minor

MINOR

Total Hours Required:

18-19

Coordinator:

Charles Ewers, Associate Professor,
Department of English

Participating Faculty:

Professors:

Caupp (Geography), Davis
(Visual Arts), Hurd (English), Larivee
(Chemistry), Precht (Geography),
Raesley (Biology)

Associate Professors:

Ewers (English), Pegg (Biology)

- This minor is open to and appropriate for students majoring in any field who wish to contribute a humanistic understanding to contemporary preoccupations with environmental issues.
- You cannot major in Environmental Humanities.

The Environmental Humanities Minor offers a multi-cultural and multidisciplinary approach designed to help students experience and understand cultural inter-relationships with the natural environment. Students learn to integrate an appreciation of the global development of environmental ideas and values with direct experience and participation in visual and verbal landscapes. Students focus on the natural region of the Potomac Watershed and/or selected Third World countries.

Summary of Requirements for Minor in Environmental Humanities

Minor

1. Required Core Courses: (9 credits)

HIST 309 World Environmental History
or HIST 320 Green: Environment and Economy in U.S. History
ENGL 440 Literature of the Environment
PHIL 315 Philosophy and the Environment

2. Applications: (6-7 credits)

Choose either a, b, or c:

a. Arts and Cultures:

Take 2 of the following courses from 2 different disciplines

LING 301 Introduction to Language
ART 301 Artistic Traditions: Asia (GEP Group F)
ART 302 Artistic Traditions: Africa and the Americas
(GEP Group F)
ART 380 19th-Century Art History
ENGL 375 Romanticism

b. Society and Cultures:

Take 2 of the following courses from 2 different disciplines

SOCI 224 Cultural Anthropology (GEP Group F)
ECON 410 Resource and Energy Economics
POSC 450 Environmental Public Policy
GEOG 472 Environmental Planning
GEOG 473 Environmental Law

c. Science and Cultures:

Take 2 of the following courses from 2 different disciplines

BIOL 109 Human Biology and the Environment (GEP Group C)
BIOL 340 General Ecology
GEOG 405 Global Climate System
GEOG 445 Biogeography
CHEM 100/113 Chemistry and Society (GEP Group C)

3. Required Final Project: (3-9 credits)

HUMA 495 Project in Environmental Humanities

Environmental Policy

Minor

MINOR

Total Hours Required:

21-22

Coordinator:

Stephen Hartlaub,
Associate Professor,
Department of Political Science

Participating Faculty:

Professors:

Caupp (Geography), Dalton
(Economics)

Associate Professor:

Hartlaub (Political Science)

- For advising, see Coordinator.
- See the Coordinator for a listing of special topics courses offered for the minor in future semesters.
- A background in the natural sciences is strongly recommended.
- You cannot major in Environmental Policy.

Summary of Requirements for Minor in Environmental Policy

Minor

1. Required Core Courses (12 hours)

ECON 410 Resource and Energy Economics
GEOG 473 Environmental Law
POSC 450 Environmental Public Policy
EPOL 491 Seminar in Environmental Policy

2. Elective Courses - no more than 6 cr. from any one department (9-10 hours)

ECON 408 Urban and Regional Economics
GEOG 450 Urban Planning
GEOG 472 Environmental Planning
POSC 351 Public Administration
POSC 352 Interest Groups

One Upper Division course in the Natural Sciences

Special Topics courses ECON 490, GEOG 490, or POSC 491 when approved by the Minor Coordinator.

Independent Studies courses ECON 499, GEOG 499, or POSC 498 (maximum of 3 cr.) when approved by the Minor Coordinator.

ETHNOBOTANY

Ethnobotany

MAJOR

MINOR

Total Hours Required:

71

20-21

Major

Minor

See related programs:

- BIOLOGY
- CULTURAL ANTHROPOLOGY
- ENVIRONMENTAL ANALYSIS & PLANNING
- FORESTRY
- GEOGRAPHY
- INTERPRETIVE BIOLOGY & NATURAL HISTORY
- WILDLIFE & FISHERIES

Coordinator:

Sunshine L. Brosi,
Instructor, Department of Biology

Participating Faculty:

Professors:

Precht, G. White (Geography)

Associate Professors:

R. S. Fritz, Li (Biology)

Assistant Professors:

Fiscus, Puthoff (Biology)

Biser (Chemistry)

Rogers Thomas (Sociology)

Instructor:

Brosi (Biology)

- Ethnobotany is an interdisciplinary major.
- You are encouraged to minor in related fields including cultural anthropology, chemistry, geography, sociology, foreign language, and biology.
- A degree in Ethnobotany will prepare you for work in government and non-governmental organizations focused on resource management, conservation, and related areas where human communities and natural environments interact.
- You are encouraged to participate in summer internships with local and regional organizations.
- Students interested in professional and graduate degrees may need to take additional courses.
- You have the option to participate in research on medicinal plants of the Appalachian region through the Appalachian Center for Ethnobotanical Studies (ACES) a cooperative program with Frostburg State University, West Virginia University and the University of Maryland Biotechnology Institute.

Summary of Requirements for Major in Ethnobotany

Major

1. Scientific Foundations (22 hours)

BIOL 149 General Biology I (GEP Group C)

BIOL 150 General Biology II

CHEM 101 General Chemistry I (GEP Group C)

GEOG 103 Physical Geography (GEP Group C)

MATH 209/219 Elements of Applied Probability and Statistics
(Core Skill 3)

MATH 102 College Algebra (Core Skill 3)

or MATH 120 Pre-Calculus (Core Skill 3)

or any math course above 210

2. Ethnobotany Core (13 hours)

BIOL 128 Introduction to Ethnobotany

BIOL 328 Economic Botany

BIOL 428 Ethnographic Field Techniques (capstone)

BIOL 460 Field Experiences in Forestry

3. Botany and Plant Ecology (24 hours)

GEOG 445 Biogeography

BIOL 303 Plant Physiology

BIOL 305 Dendrology

BIOL 312 Morphology of Plants

BIOL 314 Plant Taxonomy

BIOL 340 General Ecology

BIOL 425 Forest Ecology and Conservation

4. Cultural Perspectives (12 hours)

GEOG 104 Human Geography (GEP Group D or F)

or GEOG 110 World Regional Geography (GEP Group D or F)

SOCI 224 Cultural Anthropology (GEP Group F)

SOCI 350 Folklore in Appalachia

Minor

1. Scientific Foundations (4 hours)

BIOL 149 General Biology I (GEP Group C)

2. Ethnobotany Core (7 hours)

BIOL 128 Introduction to Ethnobotany

Select one additional course from:

BIOL 328 Economic Botany

BIOL 428 Ethnographic Field Techniques

BIOL 460 Field Experiences in Forestry

3. Botany and Plant Ecology (3 hours)

GEOG 445 Biogeography

4. Cultural Perspectives (3 hours)

SOCI 224 Cultural Anthropology (GEP Group F)

5. Electives (3-4 hours)

Select one additional course from:

BIOL 303 Plant Physiology

BIOL 305 Dendrology

BIOL 312 Morphology of Plants

BIOL 314 Plant Taxonomy

BIOL 340 General Ecology

BIOL 425 Forest Ecology and Conservation

GEOG 104 Human Geography (GEP Group D or F)

or GEOG 110 World Regional Geography (GEP Group F)

SOCI 350 Folklore in Appalachia

Film Studies

Minor

MINOR

Total Hours Required:

18

Coordinator:

Dr. Kevin Kehrwald,
Associate Professor, Department of
English

Participating Faculty:

Associate Professors:

Kehrwald (English),
R. Smith (English)

Assistant Professor:

McAlexander (Mass Communication)

- The minor is open to students majoring in any field.
- You cannot major in film studies.

The goal of the film minor is to help you develop visual literacy. You will acquire the essential skills of critical thinking by learning to “read texts” in the most pervasive medium of contemporary culture—film. You will

1. Become a more critical viewer of film as a medium by learning to read, analyze, and interpret films
2. Recognize how cinematic techniques, such as camera movement, editing, and cinematography contribute to a film’s impressions
3. Become familiar with film language and terminology
4. Recognize film as a global medium of diverse cultural styles and voices
5. Become acquainted with a variety of aesthetic and cinematic movements
6. Recognize film as a vehicle for forming cultural values
7. Understand how cultural events and technologies have shaped (and continue to shape) film styles, genres, and narrative techniques
8. Understand the historical development of film as an art form.

Summary of Requirements for Minor in Film Studies

Minor

1. Required Core Courses: (9 hours)

ENGL 207* Introduction to Film Studies (Fall)
ENGL 208* Film and American Culture
(Spring, even-numbered years)
ENGL 344* Film Theory (Spring, odd-numbered years)

*Must have C or better to count toward minor.

2. Elective Courses: (9 hours)

ENGL 281 Literature into Film (Fall, even-numbered years)
ENGL 282 Shakespeare on Film (Fall, odd-numbered years)
MCOM 212 Video Production Industry (Every semester)
MCOM 311 Single Camera Production (Fall)
MDFL 407 Latin American and Spanish Film (variable)
MDFL 417 World Film (variable)

Relevant Special Topics courses (such as HIST 490) will be welcomed as electives as approved by the Coordinator.

Fine Arts

Minor

MINOR

Hours Required in Art:

24

Hours Required in Other Departments:

0

Total Hours Required:

24

Professors:

Brown, Davis, Dieruf, Rhodes (chair)

Associate Professor:

Hodges

Assistant Professors:

Filippone, Herzfeld

- Minors are also offered in art history and graphic design. A major is offered in Art & Design. See separate listings in this catalog.
- Only courses in which a grade of C or better is earned may count towards satisfaction of major and minor requirements.
- You cannot major in Fine Arts.

Summary of Requirements for Minor in Fine Arts

Minor

1. Basic Courses: (6 hours)

ART 104 Two-Dimensional Design
ART 105 Three-Dimensional Design

2. Art History and Critical Studies: (6 hours)

ART 415 Art Criticism
and choose 3 hours from:
ART 301 Artistic Traditions: Asia (GEP Group F)
or ART 302 Artistic Traditions: Africa and the Americas (GEP Group F)
ART 360 Western Art History
ART 380 19th Century Art History
ART 408 20th Century Art History
ART 460 Renaissance and Baroque Art History

3. Introductory Studio: (9 hours)

Choose 6 hours from:
ART 207 Graphic Design (Tech. Fluency)
ART 212 Drawing

ART 221 Painting
ART 232 Printmaking
ART 235 Photography

and choose 3 hours from:

ART 202 Ceramics
ART 209 Crafts Workshop
ART 236 Digital Imaging
ART 240 Sculpture

4. Advanced Studio Art:

choose 3 hours from:

ART 307 Computer Graphics
ART 402 Advanced Ceramics
ART 407 Advanced Graphic Design: Print
ART 421 Advanced Painting
ART 432 Advanced Printmaking
ART 435 Advanced Photography
ART 440 Advanced Sculpture

FOREIGN LANGUAGES & LITERATURE

Foreign Languages & Literature

Major

Concentrations in

- FRENCH
- SPANISH

Minor

Teaching Certification Option

| | MAJOR | MINOR | TEACHING CERTIFICATION OPTION |
|---|--------------------|-----------|-------------------------------|
| Hours Required in Foreign Languages & Literature: | 36-39 | 18 | 36-39 |
| Hours Required in Other Departments: | variable | 0 | variable |
| Total Hours Required: | 36-variable | 18 | 78.5-variable |

Students are strongly encouraged to keep work from all their courses in anticipation of the senior seminar.

Summary of Requirements for Major/Minor in Foreign Languages & Literature with a Concentration in French

Major

1. Core Curriculum (15 hours)

- FREN 211 French Grammar, Composition & Conversation I *
- FREN 212 French Grammar, Composition & Conversation II
- FREN 250 Overview of French Language & Culture
(GEP Group B)
- FREN 330 Advanced Conversation
- FREN 331 Advanced Composition

2. Tracks (21 hours)

Choose one of the following tracks:

A. Literary Studies

Students seeking teaching certification in French must follow this track.

- LING 301 Introduction to Language
- FREN 335 Intro. to Study of French Literature
- FREN 410 French Poetry and Drama
- FREN 411 French Fiction, Non-Fiction and Film
- FREN 493 Senior Seminar in French Literature (Capstone)
- Six additional 300 or 400-level hours in French*

B. French Professional Studies

- FREN 332 French for the Professions
- FREN 430 Individual and Society in Francophone World
- FREN 431 Translation
- FREN 496 Senior Seminar in French Professional Studies
(Capstone)

Nine additional 300 or 400-level hours in French or alternative discipline approved by department. Students must file a course plan articulating which classes will be used to satisfy these nine credits with the chair of the department.

Minor

1. Core Curriculum (9 hours)

- FREN 211 French Grammar, Composition & Conversation I *
- FREN 212 French Grammar, Composition & Conversation II
- FREN 250 Overview of French Language & Culture (GEP Group B)

2. Minor electives (9 hours)

Any three 300- or 400-level courses in French

Associate Professor:

Sanchez (Chair)

Assistant Professor:

Almqvist

Instructor:

Houser, Ramirez

- At least half of the credit hours required in your major language (French or Spanish) must be taken at FSU.
- Foreign language majors who have courses transferred from a foreign institution at the 300 or 400 level must take at least one 300 or 400 level course at FSU after they return and prior to graduation.
- Only courses in which a grade of C or better is earned will count towards satisfaction of major or minor requirements.
- The department also offers course work in intercultural studies, literature in translation, and linguistics.
- Courses in Italian, Chinese, Japanese and Arabic are offered as MDFL courses on an irregular basis.

** If you have no (or limited) previous background in French, you will have to begin your language study at the elementary level (FREN 101-102) with accelerated placement possible based on your performance.*

Summary of Requirements for Major/Minor in Foreign Languages & Literature with a Concentration in Spanish

| Major | Minor |
|--|--|
| <p>1. Core Curriculum (9 hours) SPAN 211 Spanish Grammar, Composition & Conversation I* SPAN 212 Spanish Grammar, Composition & Conversation II SPAN 250 Overview of Spanish Language & Culture (GEP Group B)</p> <p>2. Advanced Courses (27 hours) <i>Nine upper-level Spanish courses, four of which must be at the 400 level</i> SPAN 489 Capstone in Spanish</p> <p>3. Linguistics (3 hours) LING 301 Introduction to Language</p> <p>4. One of the following: a. Completion of a second major b. French through FREN 250 c. Completion of an International Studies Area Certificate d. Five MDFL courses in diverse foreign languages (Chinese, Japanese, Italian and/or Arabic)</p> | <p>1. Core Curriculum (9 hours) SPAN 211 Spanish Grammar, Composition & Conversation I* SPAN 212 Spanish Grammar, Composition & Conversation II SPAN 250 Overview of Spanish Language & Culture (GEP Group B)</p> <p>2. Advanced Courses (9 hours) <i>Any three 300 or 400-level courses in Spanish</i></p> |

* If you have no (or limited) previous background in Spanish, you will have to begin your language study at the elementary level (SPAN 101-102) with accelerated placement possible based on your performance.

Accelerated Placement

All students interested in taking a foreign language Course (French and/or Spanish) are required to take an online placement exam. If the results of the placement exam determine that the student is eligible for accelerated placement, and the student completes a course above the 101-level with a grade of C or better, the student may apply to the department for academic credit for the courses waived, as summarized below.

- at the 102 level, you will be eligible to receive 3 additional credits.
- at the 211 level, you will be eligible to receive 6 additional credits.
- at the 212 level, you will be eligible to receive 9 additional credits.
- at the 250 level, you will be eligible to receive 12 additional credits.
- at the 300 level, you will be eligible to receive 15 additional credits.

There is a \$10.00 fee for each hour of credit received through accelerated placement.

Summary of Requirements for Teaching Certification Option in Foreign Languages & Literature

If you wish to complete a Maryland State approved program in teaching French or Spanish, you must:

- Complete the BA in Foreign Languages & Literature (French Literary Studies track only or Spanish).
- Meet the phase admissions requirements summarized in the Educational Professions section.
- Complete the professional education sequence described in Education: Secondary School Programs.

FORESTRY

Forestry

Minor

MINOR

Total Hours Required:

23

See related programs:

- BIOLOGY
 - PRE-HEALTH OPTION
 - BIOTECHNOLOGY
 - ENVIRONMENTAL SCIENCE
- ENVIRONMENTAL ANALYSIS & PLANNING
- ETHNOBOTANY
- INTERPRETIVE BIOLOGY & NATURAL HISTORY
- WILDLIFE & FISHERIES

Coordinator:

Daniel Fiscus, Assistant Professor,
Department of Biology

- You cannot major in forestry.

Summary of Requirements for Minor in Forestry

Minor

1. Required Courses: (17 hours)

| | |
|----------|---------------------------------|
| BIOL 149 | General Biology I (GEP Group C) |
| BIOL 150 | General Biology II |
| BIOL 305 | Dendrology |
| BIOL 425 | Forest Ecology and Conservation |
| BIOL 460 | Forestry Field Practice |

2. Electives: (6 hours)

At least 6 credits selected from two of the following groups:
(Some of the following courses may have prerequisites.)

Geography

| | |
|----------|--|
| GEOG 317 | Principles of Geographic Information Systems |
| GEOG 340 | Soils: Genesis, Nature and Characterization |
| GEOG 406 | Management and Conservation of Natural Resources |
| GEOG 413 | Remote Sensing - Image Interpretation |
| GEOG 430 | Surface Water Hydrology |
| GEOG 433 | Surveying |
| GEOG 445 | Biogeography |

Biology

| | |
|----------|--|
| BIOL 230 | Wildlife Techniques |
| BIOL 410 | Plant Diseases |
| BIOL 421 | Sample Design and Plant Community Analysis |
| BIOL 494 | Field Experiences in Biology* |
| BIOL 499 | Special Problems in Biology* |

Other electives

| | |
|----------|---|
| RECR 342 | Park and Facility Design |
| RECR 440 | Organization & Administration of Recreation & Parks |
| POSC 450 | Environmental Public Policy |
| POSC 498 | Readings in Political Science* |
| ECON 410 | Resource & Energy Economics |

* Independent studies courses **MUST** address a **Forestry** topic.

Geography

Major

Minor

| | MAJOR | MINOR | MAPPING SCIENCES CONC. | GLOBAL SYSTEMS ANALYSIS CONC. | CLIMATE SYSTEM SCIENCE CONC. |
|--------------------------------------|--------------|-----------|------------------------|-------------------------------|------------------------------|
| Hours Required in Geography: | 40-43 | 22 | 41-42 | 37 | 50 |
| Hours Required in Other Departments: | 3 | 0 | 12-13 | 9 | 3 |
| Total Hours Required: | 43-46 | 22 | 53-55 | 46 | 53 |

Concentrations in:

- CLIMATE SYSTEM SCIENCE
- GLOBAL SYSTEMS ANALYSIS
- MAPPING SCIENCE

See related programs:

- EARTH SCIENCE
- ENVIRONMENTAL ANALYSIS AND PLANNING
- ETHNOBOTANY
- URBAN AND REGIONAL PLANNING

Professors:

Bullamore, Caupp (chair), Precht, G. White

Associate Professors:

Kessler, Saku

Assistant Professors:

Allen, D. Arnold, M. Ramspott

Lecturers:

T. Edwards, A. Lewis

- You may elect to complete the major without specialized concentration or choose a concentration in climate system science, global systems analysis or mapping science.
- An internship is optional.

Summary of Requirements for Major/Minor in Geography

(without specialized concentration)

| Major | Minor |
|---|--|
| <p>1. Required Core Courses: (19 hours)</p> <p>GEOG 103 Physical Geography (<i>GEP Group C</i>)</p> <p>GEOG 104 Human Geography (<i>GEP Group D or F</i>) or GEOG 110 World Regional Geography: Cultural Diversity (<i>GEP Group D or F</i>)</p> <p>GEOG 275 Fundamentals of Geographic Data Handling (<i>Tech. Fluency</i>)</p> <p>GEOG 310 Fundamentals of Cartography</p> <p>GEOG 380 Research Methods in Geography</p> <p>GEOG 480 The Geographic Perspective</p> <p>GEOG 481 Geography Capstone</p> <p>2. Advanced Physical Geography: (3-4 hours)</p> <p>GEOG 335 Oceanography</p> <p>GEOG 340 Soils: Genesis, Nature and Characterization</p> <p>GEOG 405 Global Climate System</p> <p>GEOG 430 Surface Water Hydrology</p> <p>GEOG 431 Quaternary Environments</p> <p>GEOG 445 Biogeography</p> <p>3. Advanced Human Geography: (3 hours)</p> <p>GEOG 300 Economic Geography</p> <p>GEOG 324 Urban Geography: Internal City Patterns</p> <p>GEOG 325 Urban Geography: Metropolitan Systems</p> <p>GEOG 407 Political Geography</p> <p>GEOG 410 Locational Analysis</p> <p>GEOG 425 Geography of Transportation</p> <p>GEOG 427 Geography of Languages & Religions (<i>GEP Group F</i>)</p> <p>GEOG 454 Geography of Tourism</p> <p>4. Advanced Regional Geography: (3 hours)</p> <p>Select from:</p> <p>GEOG 301 Geography of North America</p> <p>GEOG 302 Geography of Maryland</p> <p>GEOG 320 Geography of Latin America</p> <p>GEOG 401 Geography of Europe</p> <p>GEOG 402 Geography of Russia and the Former Republics</p> <p>GEOG 403 Geography of Sub-Saharan Africa</p> <p>5. Geographic Techniques: (3 hours)</p> <p>Select from:</p> <p>GEOG 317 Principles of Geographic Information Systems</p> <p>GEOG 412 Geographic Visualization</p> <p>GEOG 413 Remote Sensing - Image Interpretation</p> <p>GEOG 415 Applied Design in the Mapping Sciences</p> <p>GEOG 433 Surveying and Field Techniques</p> <p>6. Human Earth Relationships: (3 hours)</p> <p>Select from:</p> <p>GEOG 406 Mgmt. & Conservation of Natural Resources</p> <p>GEOG 450 Urban Planning</p> <p>GEOG 460 Natural Hazards in the Physical Environment</p> <p>GEOG 472 Environmental Planning</p> <p>GEOG 473 Environmental Law</p> | <p>1. Required Core Courses: (7 hours)</p> <p>GEOG 103 Physical Geography (<i>GEP Group C</i>)</p> <p>GEOG 104 Human Geography (<i>GEP Group D or F</i>) or GEOG 110 World Regional Geography: Cultural Diversity (<i>GEP Group D or F</i>)</p> <p>2. Electives (15 hours)</p> <p>Select any from GEOG courses at or above the 200-level or equivalent except GEOG 495</p> |

GEOGRAPHY

Major *continued***7. Electives** (6-8 hours)

Any two additional geography courses at or above the 300-level or equivalent except GEOG 495

8. Required Courses in Other Departments:

(3 hours)

MATH 209 Elements of Applied Probability & Statistics
(Core Skill 3)

*Three or more credits earned in GEOG 499 Research in Geography, may count as one course.

Minor *continued***Requirements for Climate System Science Concentration****1. Required Core Courses:** (19 hours)

GEOG 103 Physical Geography (GEP Group C)
GEOG 104 Human Geography (GEP Group D or F)
or GEOG 110 World Regional Geography: Cultural Diversity
(GEP Group D or F)
GEOG 275 Fundamentals of Geographic Data Handling
(Tech. Fluency)
GEOG 310 Fundamentals of Mapping Sciences
GEOG 380 Research Methods in Geography
GEOG 480 The Geographic Perspective
GEOG 481 Geography Capstone

2. Required Climate System Science Courses:

(22 hours)

GEOG 205 or PHSC 205 Descriptive Meteorology
GEOG 335 Oceanography
GEOG 405 Global Climate System
GEOG 429 Synoptic Climatology
GEOG 469 Dynamic Climatology
GEOG 430 Surface Water Hydrology
GEOG 460 Natural Hazards in the Physical Environment

3. Physical Systems Elective: (3 hours)

Select one from:

GEOG 340 Soil: Genesis, Nature & Characterization
GEOG 431 Quaternary Environments
GEOG 432 Groundwater Hydrology
GEOG 445 Biogeography

4. Human Systems Elective:

(3 hours)

Select one from:

GEOG 324 Urban Geography: Internal City Patterns
GEOG 325 Urban Geography: Metropolitan Systems
GEOG 406 Management & Conservation of Natural Resources
GEOG 410 Locational Analysis
GEOG 425 Geography of Transportation

5. Geographic Techniques Course:

(3 hours)

Select one from:

GEOG 317 Principles of Geographic Information Science
GEOG 413 Remote Sensing - Image Interpretation
GEOG 415 Applied Design in the Mapping Sciences
GEOG 417 Geospatial Analysis

6. Required Course in Other Departments:

(3 hours)

MATH 220 Calculus for Applications
or MATH 236 Calculus I (Core Skill 3)

Requirements for Global Systems Analysis Concentration

1. Required Core Courses: (19 hours)

- GEOG 103 Physical Geography (GEP Group C)
 GEOG 104 Human Geography (GEP Group D or F)
 or GEOG 110 World Regional Geography: Cultural Diversity (GEP Group F)
 GEOG 275 Fundamentals of Geographic Data Handling (Tech. Fluency)
 GEOG 310 Fundamentals of Cartography
 GEOG 380 Research Methods in Geography
 GEOG 480 The Geographic Perspective
 GEOG 481 Geography Capstone

2. Specialized Advanced Courses: (15 hours)

Group I Human Geography: (9 hours)

- GEOG 300 Economic Geography
 GEOG 407 Political Geography

Select one from:

- GEOG 325 Urban Geography: Metropolitan Systems
 GEOG 410 Locational Analysis
 GEOG 425 Geography of Transportation
 GEOG 427 Geography of Languages and Religions (GEP Group F)
 GEOG 454 Geography of Tourism

Group II Regional Geography: (6 hours)

Select two from:

- GEOG 320 Geography of Latin America
 GEOG 401 Geography of Europe
 GEOG 402 Geography of Russia and the Former Republics
 GEOG 403 Geography of Sub-Saharan Africa

3. Complementary Advanced Courses:

(3-4 hours)

Select one course from one of the three groups:

Group I Physical Geography: (0-4 hours)

- GEOG 335 Oceanography
 GEOG 340 Soils: Genesis, Nature and Characterization
 GEOG 405 Global Climate System
 GEOG 430 Surface Water Hydrology
 GEOG 431 Quaternary Environments
 GEOG 445 Biogeography

Group II Geographic Techniques: (0-3 hours)

- GEOG 317 Principles of Geographic Information Science (GIS)
 GEOG 412 Geographic Visualization
 GEOG 413 Remote Sensing - Image Interpretation
 GEOG 415 Applied Design in the Mapping Sciences
 GEOG 433 Surveying and Field Techniques

Group III Human Earth Relationships: (0-3 hours)

- GEOG 406 Management and Conservation of Natural Resources
 GEOG 450 Urban Planning
 GEOG 460 Natural Hazards in the Physical Environment
 GEOG 472 Environmental Planning
 GEOG 473 Environmental Law

4. Required Courses in Other Departments:*(9 hours)

- MATH 209 Elements of Applied Probability and Statistics (Core Skill 3)

and select two from:

- ECON 309 Comparative Economic Systems
 ECON 400 International Trade
 ECON 401 International Finance
 ECON 405 Econ. Growth & Develop.: Developing Economies
 HIST 304 History of Latin America
 HIST 309 World Environmental History
 HIST 341 Modern & Contemporary Middle East
 HIST 404 Revolutionary and Soviet Russia
 HIST 422 Diplomatic History of Europe
 HIST 450 History of Mexico
 HIST 453 Contemporary Africa
 HIST 455 Latin American Revolutions
 HIST 457 India
 HIST 458 History of China and Korea
 HIST 459 History of Japan
 HIST 476 Modern Europe
 PHIL 311 Asian and African Philosophy (GEP Group F)
 PHIL 315 Philosophy and the Environment
 POSC 330 Politics of Africa
 POSC 331 Politics of Latin America
 POSC 332 Politics of the Middle East
 POSC 333 Politics of Europe
 POSC 341 International Organization
 POSC 431 Russian Politics
 POSC 435 Model Organization of American States
 POSC 441 International Relations: Theory and Practice

Foreign language courses at the 200 level or higher may fulfill this requirement.

* some courses may have prerequisites

GEOGRAPHY

Requirements for Mapping Sciences Concentration**1. Required Core Courses: (19 hours)**

- GEOG 103 Physical Geography (*GEP Group C*)
 GEOG 104 Human Geography (*GEP Group D or F*)
 or GEOG 110 World Regional Geography: Cultural Diversity
 (*GEP Group D or F*)
 GEOG 275 Fundamentals of Geographic Data Handling
 (*Tech. Fluency*)
 GEOG 310 Fundamentals of Cartography
 GEOG 380 Research Methods in Geography
 GEOG 480 The Geographic Perspective
 GEOG 481 Geography Capstone

2. Specialized Advanced Courses:**Geographic Techniques: (13 hours)**

- GEOG 317 Principles of Geographic Information Science (GIS)
 GEOG 413 Remote Sensing - Image Interpretation
 GEOG 499 Research in Geography

Select two courses from among:

- GEOG 412 Geographic Visualization
 GEOG 414 Digital Image Processing and Analysis
 GEOG 415 Applied Design in the Mapping Sciences
 GEOG 417 GeoSpatial Analysis
 GEOG 418 Cartometrics
 GEOG 433 Surveying and Field Techniques

3. Complementary Advanced Courses:

(9-10 hours)

Select one course from three of the four groups:

Group I Physical Geography: (0-4 hours)

- GEOG 335 Oceanography
 GEOG 340 Soils: Genesis, Nature and Characterization
 GEOG 405 Global Climate System
 GEOG 430 Surface Water Hydrology
 GEOG 431 Quaternary Environments
 GEOG 445 Biogeography

Group II Human Geography: (0-3 hours)

- GEOG 300 Economic Geography
 GEOG 324 Urban Geography: Internal City Patterns
 GEOG 325 Urban Geography: Metropolitan Systems
 GEOG 407 Political Geography
 GEOG 410 Locational Analysis
 GEOG 425 Geography of Transportation
 GEOG 427 Geography of Languages and Religions (*GEP Group F*)
 GEOG 454 Geography of Tourism

Group III Regional Geography: (0-3 hours)

- GEOG 301 Geography of North America
 GEOG 301 Geography of Maryland
 GEOG 320 Geography of Latin America
 GEOG 401 Geography of Europe
 GEOG 402 Geography of Russia and the Former Republics
 GEOG 403 Geography of Sub-Sahara Africa

Group IV Human Earth Relationships:

(0-3 hours)

- GEOG 406 Management and Conservation of Natural
 Resources
 GEOG 450 Urban Planning
 GEOG 460 Natural Hazards in the Physical Environment
 GEOG 472 Environmental Planning
 GEOG 473 Environmental Law

4. Required Courses in Other Departments*:

(12-13 hours)

- MATH 209 Elements of Applied Probability & Statistics
 (*Core Skill 3*)

Select one course:

- MATH 102 College Algebra (*Core Skill 3*)
 MATH 103 Trigonometry
 MATH 220 Calculus for Applications I
 MATH 221 Calculus for Applications II
 MATH 236 Calculus I (*Core Skill 3*)
 MATH 237 Calculus II

Select two courses:

- ART 104 Two-Dimensional Design
 ART 207 Graphic Design
 ART 212 Drawing
 COSC 130 Introduction to Programming
 COSC 240 Computer Science I (4 cr.)
 PSYC 306 Sensation and Perception
 PSYC 409 Human Learning and Cognition

*some of these courses may have prerequisites

5. Recommendations:

Students are encouraged to select additional course work:

- MATH 220 & 221 Calculus I and II - especially for remote sensing

Graphic Design

Minor

| | MINOR |
|--------------------------------------|-----------|
| Hours Required in Art: | 24 |
| Hours Required in Other Departments: | 0 |
| Total Hours Required: | 24 |

Professors:

Brown, Davis, Dieruf, Rhodes
(chair)

Associate Professor:

Hodges

Assistant Professors:

Filippone, Herzfeld

- Minors are also offered in fine arts and art history. A major is offered in Art & Design. See separate listings in this catalog.
- Only courses in which a grade of C or better is earned may count towards satisfaction of major and minor requirements.
- You cannot major in Graphic Design.

Summary of Requirements for Minor in Graphic Design

Minor

1. Basic Courses: (9 hours)

ART 104 Two-Dimensional Design
ART 105 Three-Dimensional Design
ART 207 Graphic Design (*Tech. Fluency*)

2. Art History and Critical Studies: (6 hours)

ART 415 Art Criticism

and choose 3 hours from:

ART 360 Western Art History
ART 408 20th Century Art History

3. Introductory Studio: (3 hours)

Choose from:

ART 202 Ceramics
ART 221 Painting
ART 232 Printmaking
ART 235 Photography
ART 240 Sculpture

4. Advanced Studio Focus: (6 hours)

ART 307 Computer Graphics
ART 407 Advanced Graphic Design: Print

HISTORY

History

Major

Minor

| | MAJOR | MINOR |
|--------------------------------------|-----------|-----------|
| Hours Required in History: | 39 | 24 |
| Hours Required in Other Departments: | 6 | 0 |
| Total Hours Required: | 45 | 24 |

Concentrations in:

- INTERNATIONAL HISTORY
- HISTORY OF THE AMERICAS

Professors:

Boniece, Clulee, Dean

Associate Professor:

Charney (Chair)

Assistant Professors:

Abbay, Wood

Instructor:

Rands

- Only courses in which a grade of C or better is earned will count towards satisfaction of major requirements.
- An internship is optional.

Summary of Requirements for Major/Minor in History

Major

1. Core Introductory Level Courses: (12 hours)

HIST 103 History of the United States
 HIST 104 History of the United States
 HIST 113 World History
 HIST 114 World History

2. Research Core: (6 hours)

HIST 299 Writing and Research in History
(Completion of HIST 299 with a C or better is required for admission to the history major. Students may file a declaration of major BEFORE completing HIST 299).
 HIST 485 Seminar in History (Capstone. Must be completed during the senior year with a grade of C or better)

3. Concentrations: (27 hours)

Majors must choose one of the following concentrations:
 International History
 History of the Americas

4. Electives (0 hours)

Minor

1. Core Introductory Level Courses: (12 hours)

HIST 103 History of the United States
 HIST 104 History of the United States
 HIST 113 World History
 HIST 114 World History

4. Electives (12 hours)

Select from any courses at the 300 or 400 level.

Requirements for International History Concentration

1. Select five courses from the following:

HIST 301 Traditional Africa
 HIST 303 History of Latin America
 HIST 304 History of Latin America
 HIST 306 Medieval Europe
 HIST 307 Renaissance and Reformation Europe
 HIST 308 Europe, 1600-1815
 HIST 309 World Environmental History
 HIST 310 Ancient Greece and Rome
 HIST 318 Native Peoples of the Americas (GEP Group F)
 HIST 319 A History of Terrorism
 HIST 341 Modern & Contemporary Middle East
 HIST 390 Special Topics in International History
 HIST 403 Imperial Russia
 HIST 404 Revolutionary and Soviet Russia
 HIST 436 Women's Issues in World History (GEP Group F)
 HIST 437 History of Korea
 HIST 450 History of Mexico
 HIST 453 Contemporary Africa
 HIST 455 Latin American Revolutions
 HIST 457 India
 HIST 458 History of China
 HIST 459 History of Japan
 HIST 460 Modern and Contemporary Asia
 HIST 475 Genocide and Mass Violence
 HIST 476 Modern Europe

2. Select two history courses from the History of the Americas concentration.

3. Select two complementary courses from the following areas (some of these courses may require additional pre-requisite course work):

| | | |
|------|-----|--|
| ART | 301 | Artistic Traditions: Asia (GEP Group F) |
| ART | 302 | Artistic Traditions: Africa & the Americas (GEP Group F) |
| ART | 360 | Western Art History |
| ECON | 309 | Comparative Economic Systems |
| ECON | 405 | Economic Growth and Development |
| ENGL | 270 | European and Non-European Literature |
| ENGL | 271 | Asian and African Literature |
| ENGL | 332 | The Age of Johnson |
| ENGL | 340 | Shakespeare |
| ENGL | 371 | The Middle Ages in Literature |
| ENGL | 372 | Early Modern Literature |
| ENGL | 373 | Literature of the Enlightenment |
| ENGL | 374 | Age of Revolution |
| ENGL | 375 | Romanticism |
| ENGL | 376 | Realism and Naturalism |
| ENGL | 377 | Modernism |
| ENGL | 378 | Postmodernism |
| ENGL | 379 | Postcolonial Literature |
| GEOG | 320 | Geography of Latin America |
| GEOG | 401 | Geography of Europe |
| GEOG | 402 | Geography of Russia and the Former Republics |
| GEOG | 403 | Geography of Sub-Sahara Africa |
| POSC | 330 | Politics of Africa |
| POSC | 331 | Politics of Latin America |
| POSC | 332 | Politics of the Middle East |
| POSC | 333 | Politics of Europe |
| POSC | 431 | Russian Politics |

Requirements for History of the Americas Concentration

1. Select five courses from the following:

| | | |
|------|-----|---|
| HIST | 303 | History of Latin America |
| HIST | 304 | History of Latin America |
| HIST | 309 | World Environmental History |
| HIST | 318 | Native Peoples of the Americas (GEP Group F) |
| HIST | 320 | Green: Environment and Economy in US History |
| HIST | 345 | History of Maryland |
| HIST | 380 | The American West |
| HIST | 436 | Women's Issues in World History (GEP Group F) |
| HIST | 450 | History of Mexico |
| HIST | 455 | Latin American Revolutions |
| HIST | 461 | Colonial America, 1607-1763 |
| HIST | 462 | Revolutionary America, 1763-89 |
| HIST | 463 | The Age of Jefferson and Jackson, 1789-1848 |
| HIST | 464 | The Civil War and Reconstruction, 1849-77 |
| HIST | 465 | Gilded Age America, 1877-1913 |
| HIST | 466 | The U.S. in the 20th Century, 1914-45 |
| HIST | 467 | The U.S. in the 20th Century, 1945-Present |
| HIST | 470 | America and the Vietnam War |
| HIST | 490 | Special Topics in History of the Americas |

2. Select two history courses from the International History concentration.

3. Select two complementary courses from the following areas (some of these courses may require additional pre-requisite course work):

| | | |
|------|-----|--|
| ART | 302 | Artistic Traditions: Africa & the Americas (GEP Group F) |
| ECON | 303 | American Economic Development |
| ECON | 405 | Economic Growth and Development |
| ENGL | 261 | American Literature: Colonial to Present |
| ENGL | 372 | Early Modern Literature |
| ENGL | 373 | Literature of the Enlightenment |
| ENGL | 374 | Age of Revolution |
| ENGL | 375 | Romanticism |
| ENGL | 376 | Realism and Naturalism |
| ENGL | 377 | Modernism |
| ENGL | 378 | Postmodernism |
| ENGL | 379 | Postcolonial Literature |
| GEOG | 301 | Geography of North America |
| GEOG | 324 | Urban Geography: Internal City Patterns |
| POSC | 321 | American State and Local Politics |
| POSC | 331 | Politics of Latin America |
| POSC | 363 | Media and Politics |
| POSC | 421 | American Legislative Politics |
| POSC | 427 | The American Presidency |
| POSC | 471 | American Political Thought |
| SOCI | 305 | Racial and Cultural Minorities (GEP Group F) |

INFORMATION TECHNOLOGY

Information Technology

| Major | MAJOR | MINOR |
|-----------|--|-------|
| Minor | Hours Required in Computer Science & Information Technology: | 43-52 |
| | Hours Required in Other Departments: | 15-25 |
| Tracks in | Total Hours Required: | 67-38 |
| | | 18 |

- ACCOUNTING
- BUSINESS INFORMATION TECHNOLOGY
- COMPUTER SECURITY
- GRAPHIC ARTS
- MASS COMMUNICATION

See related programs:

- COMPUTER INFORMATION SYSTEMS MAJOR & MINOR
- COMPUTER SCIENCE MAJOR & MINOR
 - CONCENTRATION IN NETWORKS
- CERTIFICATES IN:
 - COMPUTING TECHNOLOGY
 - SOFTWARE DEVELOPMENT
 - PROGRAMMING
 - NETWORKING

Professor:

Chitsaz, Rinard (Chair)

Associate Professor:

Thiel

Assistant Professors:

Crall, Song, Zhang, Zheng

Lecturer:

M. Flinn

Summary of Requirements for Major/Minor in Information Technology

1. Core Courses: (15 hours)

| | |
|--|---|
| COSC 100/110 | Introduction to Computer Science (Tech. Fluency) |
| or COSC 101 The Discipline of Computer Science | |
| COSC 102 | Foundations of Computer Science |
| COSC 130 | Introduction to Programming |
| COSC 305 | Computer Ethics |
| ITEC 315 | Programming |

2. Required Advanced Courses: (22 hours)

| | |
|----------|--|
| COSC 300 | Structured Systems Analysis and Design |
| ITEC 312 | Human-Computer Interaction |
| ITEC 345 | Database Systems I |
| ITEC 355 | Network Implementation |
| ITEC 360 | Operating Systems |
| ITEC 470 | Security and Risk Management |
| ITEC 480 | Project Management |
| ITEC 489 | Capstone Course |

3. Other Required Courses: (12-13 hours)

| | |
|--|--|
| CMST 102/112 | Introduction to Human Communication |
| ENGL 338 | Technical Writing (Core Skill 2) |
| MATH 209/219 | Elements of Applied Probability & Statistics (Core Skill 3) |
| or MATH 380 Intro. To Probability & Statistics | |
| MATH 220 | Calculus for Applications I |
| or MATH 236 Calculus I (Core Skill 3) | |

4. Electives: (6 hours):

Choose a minimum of 6 hours in at least two courses:

| | |
|----------|--|
| ITEC 363 | PC Module Installation and Maintenance |
| ITEC 364 | PC Software Installation and Maintenance |
| ITEC 410 | Diversity in the Global Information Technology |
| ITEC 414 | Knowledge Management |
| ITEC 442 | Electronic Commerce |
| ITEC 445 | Database Systems II |
| ITEC 452 | Network Administration and Security |

| | |
|----------|---|
| ITEC 462 | Emerging Issues and Technologies |
| ITEC 475 | Computer and Cyber Forensics |
| ITEC 491 | Seminar in Information Technology |
| ITEC 494 | Field Experience in Information Technology |
| ITEC 499 | Individual Problems in Information Technology |

5. Tracks/Application Areas (12 hours):

Choose one of the following tracks/application areas:

Accounting

| | |
|----------|---------------------------|
| ACCT 211 | Financial Accounting |
| ACCT 212 | Managerial Accounting |
| ACCT 305 | Accounting Systems |
| ACCT 311 | Intermediate Accounting I |

Business Information Technology

| | |
|----------|---|
| BUAD 100 | Introduction to Business |
| MGMT 351 | Management of Organizations |
| MGMT 356 | Leadership and Human Behavior |
| MGMT 405 | Business Ethics and Social Responsibility |

Computer Security

| | |
|----------|-------------------------------------|
| IDIS 150 | Society and Computer Security |
| ITEC 452 | Network Administration and Security |
| ITEC 462 | Emerging Issues and Technologies |
| ITEC 475 | Computer and Cyber Forensics |

Graphic Arts

| | |
|----------|--------------------------|
| ART 104 | Two-Dimensional Design |
| ART 105 | Three-Dimensional Design |
| ART 207* | Graphic Design |
| ART 307 | Computer Graphics |

*Students must see department chair for permission to enroll

Mass Communication

| | |
|----------|--|
| MCOM 105 | Introduction to Mass Communication |
| MCOM 212 | Video Production Industry |
| MCOM 246 | Intro to Mass Communication Research Methods |
| MCOM 346 | Mass Communication Theory |

Requirements for Minor in Information Technology

| | |
|----------|--|
| COSC 101 | The Discipline of Computer Science or COSC 100 Introduction to Computer Science (Tech. Fluency) |
| COSC 102 | Foundations of Computer Science |
| COSC 130 | Introduction to Programming |
| ITEC 315 | Programming |

Two additional Information Technology courses at the 300-level or above.

Journalism

Minor

MINOR

Total Hours Required:

24

Coordinator:

A. Franklin Parks,
Professor, Department of English

Participating Faculty:

Professors:

Boniece (History), Lutz (English),
L. Pack (Mass Communication),
A. F. Parks (English)

Associate Professors:

Charney (History), Ewers (English)

Assistant Professors:

Abbey (History), A. Duncan
(English), S. Duncan (English),
G. Wood (History)

- The minor in journalism will help you develop:
 - Improved communication skills
 - Familiarity with the roles that journalists perform in different environments
 - Understanding of cultural differences, political matters, and global issues facing the practicing journalist today
 - Enhanced problem-solving skills
 - Ability to perform specific tasks related to print and media journalism
 - Awareness of legal and ethical restrictions on journalists
- You cannot major in journalism.

Summary of Requirements for Minor in Journalism

Minor

1. English: (12 hours)

ENGL 336 Journalistic Writing
ENGL 402 Editing and Production
ENGL 436 Advanced News and Feature Writing
ENGL 494 Field Experience

2. History: (3 hours)

*Choose one from the following.**

HIST 304 History of Latin America
HIST 341 Modern and Contemporary Middle East

HIST 404 Revolutionary and Soviet Russia
HIST 453 Contemporary Africa
HIST 460 Modern and Contemporary Asia
HIST 467 U.S. in the 20th Century, 1945-Present
HIST 475 Genocide and Mass Violence
HIST 476 Modern Europe

3. Mass Communication: (6 hours)

MCOM 326 Writing for the Electronic Media
MCOM 447 Telecommunications Law

4. Political Science: (3 hours)**

POSC 363 Media and Politics***

**Students minoring in journalism are encouraged to take HIST 100, The Contemporary World in Historical Perspective, towards fulfilling the six-hour requirement in the Humanities (Group B) for the General Education Program.*

***Students minoring in journalism are encouraged to take POSC 110, Introduction to American Politics, or POSC 113, Introduction to World Politics, towards fulfilling the six-hour requirement in the Social Sciences (Group D) for the General Education Program.*

****The Political Science Department has agreed to waive the pre-requisite for POSC 363 for journalism minors.*

LAW & SOCIETY

Law

Bachelors/Juris Doctor Program

| | |
|---|------------|
| Hours Required at Frostburg State University | 91 |
| Hours Required at University of Baltimore School of Law | 29 |
| Total Hours Required: | 120 |

Dual-degree program

Coordinator:

Scott Johnson, Associate Professor,
Department of Political Science

- Frostburg State University students may earn the last 29 of the 120 credit hours required by Frostburg State University for graduation at the University of Baltimore School of Law. The result of this Bachelors/Juris Doctor Program is that students may attain an undergraduate and a law degree in six years instead of the normal seven years.

Summary of Requirements at FSU for the Bachelors/Juris Doctor Program

1. Complete 91 credit hours with Frostburg State University.
2. Complete all of Frostburg State University's general education requirements.
3. Maintain cumulative grade point averages as required at FSU for the academic major and overall course work.
4. Complete all requirements for an academic major at Frostburg State University.
5. Be accepted by the University of Baltimore School of Law into its early admission program. Students can apply for early admission by simply checking the appropriate box on the regular application form.
6. Attain the Bachelor's degree from Frostburg State University upon transferring 29 credits from the University of Baltimore School of Law.

In addition it is recommended that students meet the following criteria:

1. Maintain a grade point average of 3.3 or above at Frostburg State University to enhance the chances for acceptance by the University of Baltimore School of Law.
2. Complete one of the following majors at Frostburg State University: economics, French, geography, history, law and society, philosophy, political science, psychology, sociology, or Spanish. Other majors are possible, but may require the completion of more than 91 credit hours.

Law and Society

Major

Concentrations in:

- CRIMINAL JUSTICE
- LEGAL STUDIES

Coordinator:

Scott Johnson, Associate Professor,
Department of Political Science

Coordinating Committee:

Professor:

D. Lewis (Political Science)

Associate Professors:

S. Johnson (Political Science),
McMullen (Sociology)

Assistant Professor:

Mathias (Philosophy)

- Law and Society is an interdisciplinary major that offers concentrations in criminal justice and legal studies.
- An internship is optional but strongly encouraged.
- Only courses in which a grade of C or better is earned will satisfy major requirements.
- You cannot minor in Law and Society.

| MAJOR | CRIMINAL JUSTICE CONCENTRATION | LEGAL STUDIES CONCENTRATION |
|------------------------------|--------------------------------|-----------------------------|
| Total Hours Required: | 46-49 | 46 |

Summary of Requirements for Major in Law and Society

Major

1. Required Core Courses: (19 hours)

| | |
|--|---|
| POSC 110 Intro. to American Politics (GEP Group D) or POSC 112 Honors Intro. to American Politics (GEP Group D) | POSC 250 Research Methods or SOCI 311 Basic Research Methods |
| SOCI 100 Intro. to Sociology (GEP Group D) or SOCI 111 Honors Intro. to Sociology (GEP Group D) | POSC 422 American Constitutional Law I POSC 423 American Constitutional Law II |
| PHIL 102 Contemporary Ethical Problems (GEP Group B) or PHIL 201 Ethics | POSC 489 Law & Society Capstone |

2. Concentrations: (27-30 hours) Complete one of the following concentrations:

Concentration in Legal Studies (27 hours)

A. Required Course (3 hours)

PHIL 410 Philosophy of Law

B. Elective Courses (24 hours)

Select a total of eight courses, with at least three from Group 1 and at least four from Group 2:

Group 1

| | |
|----------|-------------------------------|
| BLAW 291 | Legal Environment of Business |
| GEOG 473 | Environmental Law |
| MCOM 447 | Telecommunications Law |
| MGMT 457 | Labor Relations |
| POSC 324 | Criminal Justice Systems |
| POSC 488 | Comparative Legal Systems |

Group 2

| | |
|----------|----------------------------------|
| CMST 302 | Argumentation and Advocacy |
| PHIL 205 | Logic |
| PHIL 304 | Social Philosophy |
| POSC 321 | State and Local Politics |
| POSC 323 | Public Administration |
| POSC 358 | American Public Policy |
| SOCI 340 | Criminology |
| SOCI 442 | Juvenile Delinquency |
| SOCI 443 | The American Correctional System |

Concentration in Criminal Justice (30 hours)**A. Required Courses (27 hours)**

CMST 102 Introduction to Human Communication
 or CMST 122 Introduction to Public Speaking
 PHIL 304 Social Philosophy
 or PHIL 410 Philosophy of Law
 POSC 321 State and Local Politics
 POSC 323 Public Administration
 POSC 324 Criminal Justice Systems
 SOCI 200 Social Problems
 or SOCI 203 Deviant Behavior
 SOCI 340 Criminology
 SOCI 442 Juvenile Delinquency
 SOCI 443 The American Correctional System

B. Elective Courses (3 hours)

Select one course from among:

PSYC 386 Drugs and Human Behavior
 SOCI 305 Racial and Cultural Minorities (GEP Group F)
 POSC 358 American Public Policy

3. Internship: (optional; 9 or 15 hours)

POSC 492 Internship Seminar
 POSC 495 Internship in Political Science

Law School Preparation

Pre-professional program

Pre-law Advisor:

Scott Johnson, Associate Professor,
 Department of Political Science

- While you cannot major or minor in law school preparation, there are law-related courses offered at Frostburg State University.
- Prospective law students should carefully examine the catalog of the law school they wish to attend in order to determine the test requirements for that school.

The traditional preparatory majors for entering law schools have been political science, history, English, philosophy, or sociology. Most law schools prefer that undergraduates interested in admission to law school *not* follow a prescribed "pre-law" curriculum. Rather, they prefer that students pursue a broad, *liberal* education.

Almost all professional law schools require applicants to take the Law School Aptitude Test. In some cases, the Graduate Record Exam may also be required. Information regarding the L.S.A.T. may be obtained from this university's pre-law advisor. Information regarding the G.R.E. may be obtained from University Counseling and Psychological Services.

Prospective law students should strive to acquire exceptional ability in communication; gain critical understanding of human values and institutions; and develop understanding in the use of various types of reasoning: deductive, inductive, and analogous. Students should develop the ability to think creatively and to analyze critically. They should also learn how to recognize, differentiate, and organize facts according to their relevance to particular issues.

Suggested Elective Courses for Law School Preparation

The following courses may be especially helpful in achieving the qualities stated above. Students are advised to choose elective courses from this list:

| | | | |
|----------|---------------------------------|--------------|-----------------------------------|
| BLAW 291 | Legal Environment of Business | ENGL 338 | Technical Writing |
| CMST 122 | Intro. to Public Speaking | GEOG 450 | Urban Planning |
| CMST 225 | Interviewing | GEOG 473 | Environmental Law |
| CMST 302 | Argumentation & Advocacy | HIST 103,104 | History of U.S. I, II |
| CMST 322 | Presentational Communication | PHIL 102 | Contemporary Ethical Problems |
| CMST 451 | Seminar in Communication Theory | PHIL 205 | Logic |
| ECON 307 | Govt. and Business | PHIL 410 | Philosophy of Law |
| ECON 404 | Public Finance | POSC 324 | Criminal Justice Systems |
| ENGL 330 | Business Writing | POSC 422,423 | American Constitutional Law I, II |
| ENGL 334 | Creative Writing | SOCI 200 | Social Problems |
| ENGL 336 | Journalistic Writing | SOCI 443 | The Amer. Correctional System |

Law School Admission Test (LSAT) Preparation Course

This non-credit course is designed to help students prepare for the Law School Admission Test (LSAT), a prerequisite for all students seeking admission to law school. The course is offered twice during the academic year in preparation for the October and June tests. There is a fee for the course that covers the costs of instruction and a textbook that contains more than 500 questions and problems, including analytical exercises, practice tests, and a full-length home-study exam. The course covers each of the main sections of the LSAT in depth: application of rules, reading comprehension, logical games, logical reasoning, and essay writing. For each section, students are exposed to a wide variety of sample questions, which are analyzed in class, and various suggestions and methods are presented in lectures for approaching the types of questions in each section.

Graduates of the LSAT prep course have gained admission to such law schools as The Georgetown University Law Center, Duquesne University School of Law, The University of Baltimore School of Law, The West Virginia University College of Law, Appalachian School of Law, Ohio Northern University College of Law, The Thomas M. Cooley Law School, and Liberty College of Law.

For further information, contact Dr. Scott Johnson, pre-law advisor and instructor of the course.

MASS COMMUNICATION

Mass Communication

Major

| MAJOR | |
|--------------------------------------|-----------|
| Hours Required in Mass Communication | 27 - 39 |
| Hours Required in Other Departments: | 0 - 12 |
| Total Hours Required: | 39 |

Professors:

Pack, Phipps

Associate Professor:

Lombardi (chair)

Assistant Professor:

McAlexander

- Only courses in which you earn a grade of C or better may count towards satisfaction of major requirements.
- All grades earned in courses completed for the major in Mass Communication count in determining whether you meet the graduation requirement of a 2.0 cumulative grade point average in the major.
- All courses completed for the Mass Communication major count in determining whether one-half of the major is completed at FSU.

Summary of Requirements for Major In Mass Communication

Major

1. Introductory/Prerequisite Course: (3 hours)

MCOM 105 Introduction to Mass Communication

2. Mass Communication Practice Courses:

(6 hours)

MCOM 212 Video Production Industry

MCOM 246 Intro to Mass Communication Research Methods*

3. Advanced Mass Communication Courses:

(15 hours)

MCOM 326 Writing for Electronic Media*

MCOM 346 Mass Communication Theory*

MCOM 447 Telecommunications Law*

MCOM 485 Electronic Media Aesthetics & Criticism*

MCOM 486 Current Issues and New Technology in Mass Communication*

4. Capstone Experience:* (3 hours)

MCOM 494 Mass Communication Practicum
or MCOM 492 Internship Project

You are required to participate in a three-credit Practicum. This requirement may be met by completing three credits of MCOM 494 Mass Communication Practicum, or by completing the graded academic portion of the internship course MCOM 492 Internship Project.

5. Professional Focus: (12 hours)

All MCOM majors must complete one of the focus groupings listed below OR one of the following minors: Communication Studies, Graphic Design, Journalism, Leadership Studies, Marketing or Public Relations. Students wishing to substitute a course for one of the courses in the listed focus groupings may petition the Chair, in writing, prior to earning 90 credit hours. Many of these courses have prerequisites and students should plan their earlier studies accordingly.

Audio Production

Choose four from:

MCOM 213 Audio Production

MCOM 250 Announcing and Performance

MCOM 313* Advanced Audio Production

MCOM 465* Music Promotion and Production

MCOM 499* Directed Study

MUSC 358 The Business of Music & Arts Management

Video Production

MCOM 311* Single Camera Production

MCOM 487* Advanced Video Production

MCOM 488* Multi-Camera Field Production

MCOM 499* Directed Study

Audio/Video Production

Choose two from each group:

Group 1

MCOM 213 Audio Production

MCOM 313* Advanced Audio Production

MCOM 465* Music Promotion and Production

MCOM 499* Directed Study

Group 2

MCOM 311* Single Camera Production

MCOM 487* Advanced Video Production

MCOM 488* Multi-Camera Field Production

MCOM 499* Directed Study

Radio Industry

Choose four from:

MCOM 150 Introduction to Radio

MCOM 213 Audio Production

MCOM 313* Advanced Audio Production

MCOM 316* Telecommunications Management

MCOM 336* Broadcast-Cable Programming

Media Management†

Choose four from:

CMST 335 Organizational Communication

MCOM 316* Telecommunications Management

MCOM 336* Broadcast-Cable Programming

MGMT 351* Management of Organizations

MGMT 356* Leadership and Human Behavior

MGMT 357* Human Resource Management

Multimedia Design

ART 207 Graphic Design (Tech. Fluency)

ART 307* Computer Graphics

ART 414* Adv. Graphic Design: Interactive Multimedia Design
(6 hours)

Recommended:

ART 407* Advanced Graphic Design: Print

Events Planning

Choose four from:

CMST 102 Introduction to Human Communication

or CMST 122 Introduction to Public Speaking

CMST 485 Issues and Responsibilities of Communication

MCOM 465* Music Promotion and Production

MCOM 499* Directed Study

RECR 382 Program Planning

RECR 384 Special Events Management

Web Management

COSC 101 The Discipline of Computer Science

COSC 120 Introduction to Cyberspace

COSC 330* Web Design and Development

COSC 345* The Internet and Multimedia Communication

Media Promotions†

Choose four from:

MCOM 456* Creative Strategies in Advertising and
Media Buying

MCOM 499* Directed Study

MKTG 361* Principles of Marketing

MKTG 363* Advertising

MKTG 366* Consumer Behavior

*Course has prerequisites; consult the course description section of this catalog

† This program is intended to give a foundational background in some business aspects of MCOM, but is not intended as preparation for a professional career in business.

Mathematics

Major

Minor

Teaching Certification Option

Professors:

Hegde, M. Hughes, K. Lemmert,
K. Parks, Revennaugh

Associate Professors:

Barnet, Elder, Wojnar

Assistant Professors:

Forsythe, Michael (Chair)

- You may major or minor in Mathematics
- You may elect the teaching certification option with required internship.
- Elementary Education students may elect a specialization in Mathematics.
- You may elect to focus in Mathematical Sciences (*see next section*). The Mathematical Sciences Focus is designed for mathematics, chemistry, and physics majors.
- The department offers an honors program.

| | MAJOR | MINOR | TEACHING CERT. OPTION |
|--------------------------------------|-----------|-----------|-----------------------|
| Hours Required in Mathematics: | 39 | 21 | 39 |
| Hours Required in Other Departments: | 0 | 0 | 42.5 |
| Total Hours Required: | 39 | 21 | 81.5 |

Summary of Requirements for Major/Minor in Mathematics

Major

1. Basic Courses (21 hours)

| | |
|----------|--|
| MATH 236 | Calculus I (<i>Core Skill 3</i>) |
| MATH 237 | Calculus II |
| MATH 238 | Calculus III |
| MATH 350 | Linear Algebra I |
| MATH 470 | Mathematical Models |
| MATH 491 | Seminar in Mathematics (<i>Capstone</i>) |

2. Electives (18 hours)

Select from courses at the 300 or 400 level, except MATH 340 *Fundamental Concepts of Geometry*, MATH 483 *Theory of Interest*, MATH 485 *Actuarial Mathematics II*, or MATH 495 *Internship in Mathematics*

Minor

1. Basic Courses (21 hours)

| | |
|----------|------------------------------------|
| MATH 236 | Calculus I (<i>Core Skill 3</i>) |
| MATH 237 | Calculus II |
| MATH 238 | Calculus III |

2. Electives (9 hours)

Select from courses at the 300 or 400 level, except MATH 340 *Fundamental Concepts of Geometry*, MATH 483 *Theory of Interest*, MATH 485 *Actuarial Mathematics II*, or MATH 495 *Internship in Mathematics*

Summary of Requirements for Major in Mathematics - Teaching Certification Option

1. Basic Core Curriculum (21 hours)

| | |
|----------|--|
| MATH 236 | Calculus I (<i>Core Skill 3</i>) |
| MATH 237 | Calculus II |
| MATH 238 | Calculus III |
| MATH 350 | Linear Algebra I |
| MATH 470 | Mathematical Models and Applications |
| MATH 491 | Seminar in Mathematics (<i>Capstone</i>) |

2. Mathematics Teaching Certification Option Requirements (18 hours)

| | |
|----------|--|
| MATH 380 | Introduction to Probability and Statistics |
| MATH 437 | Combinatorics and Graph Theory |
| MATH 440 | Modern College Geometry |
| MATH 461 | History of Mathematics |
| MATH 465 | Theory of Numbers |
| MATH 415 | Foundations of Mathematics |
| | or MATH 451 Modern Higher Algebra |

3. Professional Education Sequence (42.5 hours)

Summary of Requirements for Teaching Certification

If you wish to complete a Maryland State approved program in teaching Mathematics, you must:

- Complete the BA/BS in Mathematics - Teaching Certification Option.
- Meet the phase admissions requirements summarized in the Educational Professions section.
- Complete the professional education sequence described in Education: Secondary School Programs

MATHEMATICAL SCIENCES & MEDICAL TECHNOLOGY PREPARATION

Mathematical Sciences

Focus

Coordinator:

Marc Michael, Chair,
Department of Mathematics

- You may elect to focus in Mathematical Sciences.
- The Mathematical Sciences Focus is designed for Mathematics, Chemistry, and Physics majors.
- You cannot major or minor in Mathematical Sciences.

Summary of Requirements for Focus in Mathematical Sciences

Focus

1. Core Mathematics Courses: (3 hours)

From among:

MATH 415 Foundations of Mathematics
MATH 425 Introduction to Real Analysis
MATH 440 Modern College Geometry
MATH 451 Modern Higher Algebra
MATH 452 Linear Algebra II
MATH 460 Introductory Topology
MATH 465 Theory of Numbers

2. Applied Mathematics: (9 hours)

From among:

MATH 380 Introduction to Probability and Statistics
MATH 420 Advanced Calculus
MATH 426 Introduction to Complex Analysis
MATH 432 Differential Equations
MATH 435 Numerical Analysis
MATH 436 Mathematical Physics

MATH 437 Combinatorics and Graph Theory
MATH 470 Mathematical Models and Applications
MATH 480 Probability and Statistics
MATH 481 Applied Regression Analysis
MATH 492 Internship Seminar

3. Required Courses in Other Departments:

Computer Science (7-8 hours)

From among:

COSC 240 Computer Science I
COSC 241 Computer Science II
COSC 350 Low-Level Programming Concepts
COSC 450 Programming Language Principles and Paradigms

Science (3-4 hours)

PHYS 261 Principles of Physics I (GEP Group C) or
CHEM 441 Physical Chemistry I

| | FOCUS |
|--------------------------------------|--------------|
| Hours Required in Mathematics: | 12 |
| Hours Required in Other Departments: | 10-12 |
| Total Hours Required: | 22-24 |

Medical Technology Preparation

Pre-professional program

FOR PRE-PROFESSIONAL PROGRAM

Total Hours: 60 minimum

Coordinator:

Don Weser, Professor, Department
of Chemistry

- You must complete at least 60 hours of academic preparation, exclusive of Health & Physical Education, before beginning the professional segment of this program.
- The Summary of Requirements will assist you in planning your first two years of study which fulfill the requirements of the University of Maryland, Baltimore, and the National Accrediting Agency for Clinical Laboratory Science. Students interested in attending other institutions should consult their catalogs for specific entrance requirements.
- The Pre-Medical Technology Program is competitive and high-quality academic performance is expected.
- You cannot major or minor in Medical Technology Preparation.

Summary of Requirements for Pre-professional Program in Medical Technology

1. Biology: (15-16 hours)

BIOL 149 General Biology I
BIOL 304 Microbiology
BIOL 201 Anatomy and Physiology I

Biology Elective - choose one from the following:

BIOL 310 Cell Biology
BIOL 350 Genetics
BIOL 202 Anatomy and Physiology II

2. Chemistry (13 hours)

CHEM 101 General Chemistry I
CHEM 102 General Chemistry II
CHEM 301 Organic Chemistry I

3. English (6 hours)

ENGL 101/111 Freshman Composition
or ENGL 310/312 Advanced Composition
ENGL 150/250 Intro. to Literature
or an advanced English/American Literature course

4. Humanities (3 hours)

Select a non-performing course from art, music, foreign language (2nd year or above), humanities, communication studies, theatre, philosophy.

5. Mathematics (6 hours)

MATH 102 College Algebra
MATH 209/219 Elements of Applied Probability and Statistics

6. Guided Electives (3 hours)

Choose one course:

CMST 102/112 Introduction to Human Communication
COSC 100/110 Intro. to Computer Science
or an advanced computer science course

7. Social Sciences (6 hours)

Select courses from economics, geography, history, political science, psychology, sociology, African American studies.

8. Electives (minimum 8 hours)

Strongly recommended:

BIOL 150 General Biology II
BIOL 438 Biotechnology Lab
BIOL 202 Anatomy and Physiology II
(if not selected as a Biology elective)
CHEM 302 Organic Chemistry II
PHYS 215 General Physics I
or PHYS 261 Principles of Physics I

Medicine • Dentistry • Optometry • Veterinary Medicine Preparation

Pre-professional programs

Coordinator:

Mary Mumper, Chair,
Health Professions Advisory Com-
mittee and Associate Professor,
Department of Chemistry

- Students applying for professional school should stay in contact with the Health Professions Advisory Committee. The committee interviews candidates for professional school and supplies a committee letter of recommendation to the applicants' prospective school. This procedure enhances the students' application prospects.

Summary of Requirements for Medical, Dental, Optometry & Veterinary Medicine Pre-Health Professions Program

1. Students intending to enter health professions schools should plan their academic programs carefully to meet pre-professional, university and major requirements.
2. Pre-health professions students should continually examine the catalog of the institution they plan to attend in order to complete courses required by the professional school and to fulfill additional entrance expectations. Students should bear in mind that requirements change and they should maintain contact with any professional schools they want to attend.
3. A science major is not a prerequisite for medical school; therefore, a major should be selected in which the student has a high aptitude and interest and which provides career alternatives. A proper course selection is most important; consequently, we highly recommend early consultation with the chair of the department of your selected major, who will assign you to a pre-health professions advisor.
4. Most pre-health professions students at FSU select biology or chemistry as majors. The Pre-Health Professions Option outlined in the Biology section of this catalog should be selected by students majoring in Biology. Chemistry students planning medical school and other pre-health professional programs complete either the Biochemistry concentration or Traditional Track outlined for the Chemistry major. Students opting to minor in either department are advised to use sections 5 and 6 below as a guide to course selection.
5. Professional schools generally require a demonstrated proficiency in the basic sciences. The following courses are among the minimum requirements for students planning to prepare for medical, dental, optometry or veterinary school.

| | | |
|---------------------------|--|--------|
| BIOL 149 and 150 | General Biology I and II | 8 cr. |
| CHEM 101 and 102 | General Chemistry I and II | 8 cr. |
| CHEM 301 and 302 | Organic Chemistry I and II | 10 cr. |
| PHYS 215, 216 or 261, 262 | General Physics I, II or Principles of Physics I, II | 8 cr. |
| MATH — 2 courses | *See options in #6 | 6 cr. |

6. Some professional schools require and many recommend additional courses as minimal requirements. The following list should be used as a guide for course selection by students in any major.

| | | |
|--------------------|-----------------------------------|--------|
| BIOL 304 | Microbiology | 4 cr. |
| BIOL 302 | Animal Physiology | 4 cr. |
| BIOL 310 | Cell Biology | 4 cr. |
| BIOL 327 | Comparative Anatomy | 5 cr. |
| BIOL 350 | Genetics | 4 cr. |
| BIOL 404 | Histology | 4 cr. |
| BIOL 435 | Molecular Biology | 4 cr. |
| CHEM 320 | Quantitative Analytical Chemistry | 4 cr. |
| CHEM 441, 442 | Physical Chemistry Lec. I & II | 6 cr. |
| CHEM 455, 457 | Biochemistry Lec. I & II | 6 cr. |
| ENGL 338 | Technical Writing | 3 cr. |
| MATH 120 | Pre-Calculus | 3 cr. |
| MATH 236, 237, 238 | Calculus I, II, III | 12 cr. |
| MATH 209 or 380 | Probability & Statistics | 3 cr. |
| PHIL 313 | Biomedical Ethics | 3 cr. |

7. Biochemistry I (CHEM 455) is an entrance requirement at the Virginia-Maryland Regional College of Veterinary Medicine.

8. Almost all professional schools require applicants to take certain standardized examinations.

| | | |
|--------------------|---|---------------------------------------|
| Medical Schools | — | Medical College Admission Test (MCAT) |
| Dental Schools | — | Dental Admissions Test (DAT) |
| Optometry Schools | — | Optometry Admission Test (OAT) |
| Veterinary Schools | — | Graduate Record Exam (GRE) |

You may obtain information about the tests from Career Services.

MUSIC

Music

Major and minor

Concentrations in:

- VOCAL PERFORMANCE
- MUSIC MANAGEMENT

Track in:

- INSTRUMENTAL PERFORMANCE

Teaching Certification Option

Professors:

Dixon (Chair), Grolman,
Soderberg-Sarnaker

Assistant Professor:

M. Gallagher

Instructor:

Klickman

- All students entering or re-entering the major are required to pass an audition in their primary performance area before being accepted as a music major. Students changing their primary performance area must re-audition before being re-accepted as a music major.
- You must choose a concentration, a track or the teaching certification option.
- Only courses in which you earn a grade of C or better will count towards satisfaction of major requirements.

| | TEACHING CERT. OPTION | MAJOR CONCENTRATIONS | | MAJOR TRACK | |
|--------------------------------|--------------------------|----------------------|------------------|-------------------------|-----------|
| | | VOCAL PERFORM | MUSIC MGMT | INSTRUMENTAL PERFORM | MINOR |
| Hours Required in Music: | 61.5 | 66 | 63.5-66.5 | 63 | 23 |
| Hours Required in Other Depts: | 37.5 | 18-24 | 21 | 0 | 0 |
| Total Hours Required: | 99 | 84-90 | 84.5-87.5 | 63 | 23 |

Summary of Requirements for Major/Minor in Music

Major

Core Requirements: (47.5-49 hours)

1. Music Theory: (16 hours)

MUSC 102 Theory I
MUSC 103 Theory II (*Tech. Fluency*)
MUSC 104 Aural Skills I
MUSC 105 Aural Skills II
MUSC 204 Theory III
MUSC 205 Theory IV
MUSC 206 Aural Skills III
MUSC 207 Aural Skills IV

2. Music History & Literature: (9 hours)

MUSC 110 World Music (*GEP Group A*)
or MUSC 117 Music of Africa, Asia & the Americas
(*GEP Group A or F*)
MUSC 308 Music History I
MUSC 309 Music History II

3. Ensemble:

(8 hours for performance specializations, 7 hours for music mgmt. and teaching cert.)

Select from:

MUSC 319 University Chorale
MUSC 330 Wind Ensemble
MUSC 336 Chamber Guitar Ensemble

4. Piano Proficiency: (0 hours)

MUSA 415 Piano Proficiency Exam

5. Private Instruction: (12 hours)

MUSA 116-123 Private Instruction
and/or MUSA 356-363 Private Instruction

6. Recital Attendance:

(4 hours for performance specializations, 3.5 hours for music mgmt and teaching cert.)

MUSA 101 Student Recital Attendance

7. Sophomore Evaluation: (0 hours)

MUSA 287 Sophomore Evaluation

Minor

Core Requirements: (23 hours)

1. Music Theory: (8 hours)

MUSC 102 Theory I
MUSC 103 Theory II (*Tech. Fluency*)
MUSC 104 Aural Skills I
MUSC 105 Aural Skills II

2. Music History & Literature: (6 hours)

MUSC 308 Music History I
MUSC 309 Music History II

3. Ensemble: (3 hours)

Select from:

MUSC 319 University Chorale
MUSC 330 Wind Ensemble
MUSC 336 Chamber Guitar Ensemble

5. Private Instruction: (4 hours)

MUSA 116-123 Private Instruction
and/or MUSA 356-363 Private Instruction

6. Recital Attendance: (2 hours)

MUSA 101 Student Recital Attendance

Summary of Requirements for the Teaching Certification Option in Music

1. Core Courses: (47.5 hours)

Required for all music majors; listed above.

2. Recital Requirement: (1 hour)

MUSA 490 Senior Recital (*Capstone*)

3. Other Required Courses for P-12 Teaching Certification: (51.5 hours)

If you wish to complete a Maryland State approved program in teaching Music, you must:

- Complete the following additional courses in Music:
 - MUSA 108 Class Instruments I: Strings
 - MUSA 208 Class Instruments II: Woodwinds
 - MUSA 209 Class Instruments III: Brass
 - MUSA 311 Class Instruments IV: Percussion
 - MUSC 310 Basic Principles of Conducting I - Choral
 - MUSC 410 Basic Principles of Conducting II - Instrumental
- If your performing area is instrumental, you must complete 2 credit hours of MUSC 319 University Chorale
- If your performing area is guitar, you must complete 2 credit hours of MUSC 319 University Chorale and 2 credit hours of MUSC 330 Wind Ensemble
- If your performing area is vocal, you must complete MUSA 210 Diction
- Meet the phase admissions requirements summarized in the Educational Professions section.
- Complete the professional education sequence described in the Education: P-12 Programs.

Summary of Requirements for the Music Management Concentration

1. Core Courses: (47.5 hours)

Required for all music majors; listed above.

2. Advanced Courses: (16-19 hours)

MCOM 465 Music Promotion and Production
 MUSC 390 Junior Recital
 MUSC 358 The Business of Music and Arts Management
 MUSC 492 Senior Project Paper (*Capstone*)
 MUSC 495 Internship in Music Management (6 or 9 hours)

3. Required Courses in Other Departments:

(*Business Administration Minor*)(21 hours)

ACCT 211 Financial Accounting
 BUAD 100 Introduction to Business
 or BLAW 291 Legal Environment of Business
 FINA 303 Principles of Finance
 or FINA 370 Corporate Finance
 or FINA 476 Financial Management
 MGMT 351 Management of Organizations
 MGMT 356 Leadership and Human Behavior
 or BMIS 320 Advanced Computer Applications in Business
 MKTG 361 Principles of Marketing
 ECON 200 Basic Economics (*GEP Group D*)
 or ECON 201/211 Principles of Economics-Macro
 (*GEP Group D*)

Summary of Requirements for the Vocal Performance Concentration

1. Core Courses: (49 hours)

Required for all music majors; listed above

2. Recital Requirements: (2 hours)

MUSA 390 Junior Recital
 MUSA 490 Senior Recital (*Capstone*)

3. Supplementary Requirements: (5 hours)

MUSA 104, 105 Class Piano
 MUSA 116-123 Private Instruction
 MUSA 356-363 Private Instruction
 MUSC 315, 327, 331, 337, 339, 340 Ensembles

4. Other Requirements for Vocal Performance Majors: (10 hours)

MUSC 210 Diction
 MUSC 310 Basic Principles of Conducting I - Choral
 MUSC 401 Form & Analysis
 MUSC 413 Vocal Pedagogy

5. Minor in Foreign Languages & Literature: (18 hours)

Summary of Requirements for Minor in Foreign Languages & Literature:

The minor in French or Spanish consists of a minimum of 18 hours. Students minoring in a language who begin course work at the 300 level are required, through accelerated placement, to pay a fee of \$10.00 per credit hour for the 211, 212, and 250 courses. The 250 course counts toward GEP Group B. If you have no background in French or Spanish, you will need to begin with the 101-102 sequence and complete up to 24 hours in language.

Summary of Requirements for the Instrumental Performance Track

1. Core Courses: (49 hours)

Required for all music majors; listed above.

2. Recital Requirements: (2 hours)

MUSA 390 Junior Recital
 MUSA 490 Senior Recital (*Capstone*)

3. Supplementary Requirements: (5 hours)

MUSA 104, 105 Class Piano
 MUSA 116-123 Private Instruction
 MUSA 356-363 Private Instruction
 MUSC 315, 327, 331, 337, 339, 340 Ensembles

4. Other Requirements: (7 hours)

MUSC 310 Basic Principles of Conducting I - Choral

And select four hours from:

MUSA 213 Piano Pedagogy
 MUSC 305 Orchestration
 MUSC 358 Business of Music and Arts Management
 MUSC 360 Special Topics in Music (up to 4 credits)
 MUSC 401 Form and Analysis
 MUSC 407 Counterpoint
 MUSC 499 Individual Research in Music (up to 4 credits)

NURSING

Nursing

RN to BSN Completion Program

Collaborative Transfer Program

Major

| | MAJOR |
|--|------------|
| Hours transferred from community college: | 30-55 |
| Hours earned with unencumbered RN license: | 30 |
| Hours required at Frostburg State: | 35-60 |
| Total Hours Required: | 120 |

Coordinator:

Susan B. Coyle, Assistant Professor of Nursing, Department of Chemistry

- The RN to BSN Completion Program does not lead to licensure as a registered nurse.
- If you are interested in a career in nursing but are not licensed as a registered nurse, or enrolled in a program leading to licensure, you should follow the pre-professional program in Nursing Preparation described in the catalog to earn admission to an initial licensure program.
- You cannot minor in nursing.
- You must meet all requirements for the Bachelor of Science listed in this catalog.

The RN to BSN Program is based on the American Association of Colleges of Nursing's proposed *Essentials of Baccalaureate Nursing Education*. The program is approved by the Maryland Board of Nursing and the Maryland Higher Education Commission, and meets the requirements of the Maryland statewide nursing education articulation agreement. The program design is a collaboration among Frostburg State University (FSU), Allegany College of Maryland (ACM), the Western Maryland Health System, and other regional health care providers. Resources, facilities, and expertise are shared to allow the most efficient delivery of coursework and services and to match students with the most appropriate clinical placements.

The RN to BSN curriculum is designed to increase the registered nurse's knowledge and skills in the areas of leadership, quality improvement, evidence-based nursing practice, nursing informatics, population-focused health promotion and disease prevention, interdisciplinary collaboration, and professionalism. The program will prepare nurses to assume roles in leadership, complex clinical care coordination, and community/public health, and serves as the academic foundation for graduate study.

The program is open to all registered nurses who meet the program admissions criteria including an active, unencumbered RN license in Maryland. The program builds on the elements of Associate Degree nursing education. Fourth semester students enrolled in an Associate Degree in Nursing (ADN) program at a Maryland community college who meet the admission criteria (with the exception of RN licensure) are eligible to take 6 credits (limited to NURS 401 and NURS 403) prior to licensure. Courses are delivered in a part-time, online format to maximize scheduling flexibility and maintain the student-faculty connection that is essential to academic success.

Program Goal

The RN to BSN Program prepares the registered nurse to be a professional health care practitioner who provides compassionate care that is based on scientific evidence and who serves as the link between the patient (individual, family, community or population) and the health care environment across the lifespan.

Program Objectives

The RN to BSN Program prepares the graduate to:

- Conduct a comprehensive assessment of the individual, family, community, or vulnerable population.
- Comprehend the basic elements of nursing research.
- Integrate scientific evidence with clinical judgment and patient preference to improve patient outcomes.
- Utilize critical thinking and creativity to address professional practice and patient care issues.
- Demonstrate interpersonal communication skills and collaborative strategies that support the delivery of interdisciplinary, patient-centered care.
- Demonstrate the attributes of professional nursing practice.
- Safely use information technology to communicate effectively and improve patient care.
- Engage in ethical thinking and actions that reflect professional values, social justice, and advocacy.
- Apply leadership concepts and collaborative strategies to the process of nursing care delivery.
- Assume a leadership role in utilizing quality and safety management principles in clinical nursing practice.
- Examine the legal, political, financial, and cultural dynamics in the delivery of patient care.
- Provide evidence-based, preventive health care to individuals, families, communities, and vulnerable populations.

Summary of Requirements for Major in Nursing

General Education Program

All candidates for the Bachelor of Science in Nursing degree must complete a minimum of 41 credits in general education. Courses may be completed at ACM, FSU, or another institution (except as noted). The FSU course number is specified below. Where a specific course is listed, this is a required course for nursing that meets both major and GEP requirements. Please note that most of the required GEP courses must be completed before enrolling in upper-division nursing courses.

CORE SKILLS

| | | |
|-------------|--|---------|
| 1. ENGL 101 | Freshman Composition (1) | 3 hours |
| 2. ENGL 308 | Social Sciences Advanced Composition (2)* or ENGL 338 Technical Writing (2)* or ENGL 339 Scientific Writing (2)* | 3 hours |
| 3. MATH 102 | College Algebra (1) | 3 hours |

MODES OF INQUIRY

See the description of the FSU General Education Program in the catalog for a list of courses that meet each requirement.

A. The Fine and Performing Arts 3 hours

B. The Humanities 6 hours

C. The Natural Sciences

| | | |
|----------|--|---------|
| CHEM 101 | General Chemistry I* | 4 hours |
| BIOL 201 | Anatomy and Physiology I (articulated) (1) | 4 hours |

D. The Social Sciences

| | | |
|----------|--------------------------------|---------|
| PSYC 150 | Introduction to Psychology (1) | 3 hours |
| SOCI 100 | Introduction to Sociology (1) | 3 hours |

E. The FSU Colloquia

| | | |
|----------|--|---------|
| IDIS 150 | Freshman Colloquium (or a 3 credit interdisciplinary ACM course approved for GEP credit in the "Interdisciplinary and Emerging Issues" category) | 3 hours |
| IDIS 350 | Advanced Colloquium (2) or one additional course from Groups A - D | 3 hours |

F. Identity and Difference 3 hours

Total General Education Hours **41 hours**

(1) Course completed as part of ACM Associate Degree in Nursing and included in most nursing programs. These courses are prerequisites for all upper division Nursing courses.

(2) Course must be completed at FSU or another four-year college at the upper-division level with a grade of C or better.

* Chemistry 101 must be completed prior to enrollment in any upper-division Nursing courses. Advanced composition should be completed prior to or soon after beginning Nursing courses.

Additional Prerequisite Courses+

Courses may be completed at ACM, FSU, or another institution. FSU course number specified below.

| | | |
|----------|---|---------|
| BIOL 202 | Anatomy and Physiology II (1) | 4 hours |
| BIOL 304 | Microbiology (1) | 4 hours |
| HEED 200 | Nutrition | 3 hours |
| MATH 209 | Elements of Applied Prob & Stats | 3 hours |
| SOWK 375 | Human Behavior and the Social Environment or ACM's Psychology 203 Human Growth and Development (1) | 3 hours |

Total Additional Hours **17 hours**

(1) Course completed as part of ACM Associate Degree in Nursing and included in most nursing programs.

+ Courses listed as Additional Prerequisite Courses must be completed prior to enrollment in any upper-division Nursing (NURS) courses.

NURSING PREPARATION

Upper Division Credits

TOTAL HOURS FOR UNENCUMBERED RN LICENSE

30 hours

Courses that must be completed at FSU**

1. Discipline core courses:

| | | |
|----------|--|---------|
| NURS 401 | Health Assessment | 3 hours |
| NURS 402 | Nursing Research and Evidence-Based Practice | 3 hours |
| NURS 403 | Elements of the Professional Nursing Role | 3 hours |
| NURS 404 | Nursing Informatics (<i>Tech. Fluency</i>) | 3 hours |
| NURS 405 | Ethics in Contemporary Nursing Practice | 3 hours |
| NURS 406 | Leadership for Quality and Safety | 3 hours |
| NURS 494 | Population-Focused Nursing Practice | 6 hours |
| NURS 496 | Capstone Project | 2 hours |

2. Courses outside the discipline:

a. Required:

| | | |
|----------|-------------------------------|---------|
| MGMT 356 | Leadership and Human Behavior | 3 hours |
|----------|-------------------------------|---------|

b. Electives

(choose one of the following):

| | | |
|-------------------|--|---------|
| CMST 300 | Interpersonal Communication | 3 hours |
| HEED 418 | Current Issues in Health | |
| HLTH 330 | Epidemiology of Health | |
| HLTH 430 | Methods and Materials for Health Promotion | |
| HLTH 435 | Health Promotion Programming | |
| MGMT 359 | Quality Management | |
| PSYC 386 | Drugs and Human Behavior | |
| PSYC 430 | Health Psychology | |
| SOCI 367 | Sociology of Medicine | |
| SOWK 468/SOCI 468 | Sociology of Later Life | |

Total Hours in Major:

32 hours

** Only courses in which a grade of C or better is earned may count towards satisfaction of upper-level major requirements.

Nursing Preparation

Pre-professional program

PRE-PROFESSIONAL PROGRAM

Total Hours Required:

60

Coordinator:

Wayne Yoder, Professor,
Department of Biology

- Prospective nurses interested in a B.S. degree from a school of nursing may take a two-year program at FSU. It is expected that each student enrolled in the pre-nursing program will earn and maintain a **minimum 3.2** cumulative grade point average.
- Most nursing schools (including the University of Maryland, Baltimore School of Nursing) require an Admissions Test prior to applying. Students should consult individual nursing schools for information.
- You cannot major or minor in Nursing Preparation.

A liberal arts program is recommended as preparation for professional study in the field of Nursing, particularly if you are interested in the additional career opportunities available to those earning a B.S. degree in Nursing.

1. Biology: (16 hours)

| | |
|----------|-------------------------|
| BIOL 149 | General Biology I |
| BIOL 201 | Anatomy & Physiology I |
| BIOL 202 | Anatomy & Physiology II |
| BIOL 304 | Microbiology |

2. Chemistry: (4 or 8 hours*)

| | |
|----------|----------------------|
| CHEM 101 | General Chemistry I |
| CHEM 102 | General Chemistry II |

(*The University of Maryland, Baltimore only requires CHEM 101)

3. English: (6 hours)

| | |
|----------|---|
| ENGL 101 | Freshman Composition |
| ENGL 338 | Technical Writing or ENGL 339 Scientific Writing |

4. Humanities: (9 hours)

Must include courses from at least three of the following disciplines:

English (literature courses), history, philosophy, foreign languages, music/art (history and/or appreciation), speech

5. Social Sciences (12 hours)

| | |
|----------|---------------------------|
| PSYC 150 | General Psychology |
| PSYC 210 | Child Development |
| PSYC 212 | Adolescence and Adulthood |
| SOCI 100 | Introduction to Sociology |

6. Other Required Courses: (9 hours)

| | |
|----------|---|
| HEED 200 | Nutrition (to be taken in Spring of 2nd year) |
| MATH 209 | Elements of Probability and Statistics |
| MATH 102 | College Algebra or MATH 103 Trigonometry |

Occupational Therapy Preparation

Pre-professional program

PRE-PROFESSIONAL PROGRAM

Total Hours:

58

Coordinator:

William Seddon, Professor and Chair, Department of Biology

- All candidates are expected to earn and maintain **at least a 3.0** cumulative grade point average in order to be considered competitive for the program.
- Only the top 36 candidates, from all institutions offering prerequisite courses, will be considered for admission to the Occupational Therapy Program at Towson University. You can apply anytime you meet the application requirements.
- If you currently hold a baccalaureate degree, you don't have to meet Towson's GenEd requirements. See the current Towson University catalog for more details.
- You cannot major or minor in Occupational Therapy Preparation.

The following courses are prerequisites for students interested in the Occupational Therapy Program at Towson University. Applicants are encouraged to visit the occupational therapy pages on Towson's web site for additional information about their program, including any changes made subsequent to this catalog. These courses may also be taken, together with additional requirements, by students interested in completing a professional occupational therapy program at other institutions.

- By December 21 of the year previous to application, candidates must complete Introductory Biology and two of the following: Freshman Composition, Introduction to Psychology, and Introduction to Sociology. The remaining prerequisite course must be completed by May 30 of the application year. Candidates must earn a B grade in all of these courses.
- By March 1 of application year, candidates must complete a minimum of 14 credits of college-level courses. Candidates must earn a GPA of 2.7 or better.
- By the screening deadline, candidates must complete at least 30 hours of human service activity. See application form for details.
- By August 31 of the year prior to the first term of the Occupation Therapy Program candidates must complete a minimum of 23 credits that meet Towson University's General Education requirements.

Summary of Requirements for Pre-professional Program in Occupational Therapy

1. Prerequisite Courses: (13 hours)

BIOL 149 General Biology I
 ENGL 101/111 Freshman Composition
 PSYC 150/151 General Psychology
 SOCI 100/111 Intro. to Sociology

2. Other courses that meet Towson's GenEd requirements:

Select one course per group. Take no more than three courses from the same discipline. Courses with asterisks are also FSU GEP courses.

- a. ART 110 Visual Imagery*
 or THEA 107 Introduction to Theatrical Vision*
 THEA 110 Introduction to Acting
 COSC 330 Web Design and Development
 DANC 342 Modern III
 ENGL 334 or ENGL 335 Creative Writing Fiction/Poetry
- b. ENGL 261 American Literature: Colonial to Present
 HIST 100/111 The Contemporary World in Historical Perspective*
 HIST 103, 104 History of the United States
 MUSC 110 Intro. to World Music*
 DANC 110 Dance Appreciation*
- c. Select a course from a different discipline than the one chosen in section b. above
 ART 100/111 Art Appreciation*
 ENGL 375 Romanticism
 PHIL 101/111 Intro. to Philosophy*
 FREN 101, 102 Basic Elements of French I, II
 HIST 306 Medieval Europe
 HIST 310 Ancient Greece and Rome
 SPAN 101, 102 Basic Elements of Spanish I, II
- d. AAST 200 Introduction to African American Studies*
 ENGL 231 African American Literature
 FREN 211, 212 French Grammar, Composition & Conversation I, II
 SPAN 211, 212 Spanish Grammar, Composition & Conversation I, II
 WMST 201 Introduction to Women's Studies*

3. Other transferable program requirements: (up to 20 hours)

BIOL 201, 202 Anatomy & Phys. I, II
 MATH 209/219 Elem. Applied Prob. & Stat.
 PSYC 210 and 212 Child, Adolescent & Adulthood
 PSYC 417 Psychology of Abnormal Behavior