

Pharmacy Preparation

Pre-professional program

Coordinator:

Mary Mumper, Associate Professor, Department of Chemistry

- The following 2-to-3 year pre-professional course pattern is suggested for students particularly interested in the University of Maryland, Baltimore School of Pharmacy. Students interested in attending other schools of pharmacy should consult their catalogs for specific entrance requirements.
- Each student enrolled in the pre-pharmacy program must earn and maintain **a minimum 3.00** cumulative grade point average.
- The Pharmacy College Admissions Test (PCAT) is also required and should be taken in the fall semester of the student's last year of study at FSU.
- For students who want to earn a baccalaureate degree at FSU before applying to a school of pharmacy, a major in chemistry or biology is appropriate.

For Pre-professional Program

Total Hours: 76

Summary of Requirements for Pre-professional Program in Pharmacy

1. Biology

(16 hours)

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

2. Chemistry

(21 hours)

CHEM 101 General Chemistry I
 CHEM 102 General Chemistry II
 CHEM 301 Organic Chemistry I
 CHEM 302 Organic Chemistry II
 CHEM 455 Biochemistry I

3. English

(6 hours)

ENGL 101/111 Freshman Composition
 ENGL 310 /312 Advanced Composition
 or ENGL 338 Technical Writing
 or ENGL 339 Scientific Writing

4. Mathematics

(7 hours)

MATH 209/219 Elements of Applied Probability and Statistics
 or MATH 380 Introduction to Probability and Statistics
 and MATH 236 Calculus I

5. Physics

(8 hours)

PHYS 215 General Physics I
 and PHYS 216 General Physics II
 or PHYS 261 Principles of Physics I
 and PHYS 262 Principles of Physics II

6. Humanities

(6 hours)

7. Social Sciences

(6 hours)

ECON 201 Principles of Economics
 And one other Social Science elective

8. Humanities/Social Science Electives

(6 hours)

CMST 122 Introduction to Public Speaking
 and one other Humanities/Social Science elective

Philosophy

Major

Minor

Professor:

Mappes

Associate Professors:

Brill, Kroeger-Mappes,
Makang (Chair)

	For Major	For Minor
Hours Required in Philosophy:	30	18
Hours Required in Other Departments:	0	0
Total Hours Required:	30	18

Summary of Requirements for Major/Minor in Philosophy

Major	Minor
<p>1. Introductory Level Courses: (6 hours) <i>Select two from:</i> PHIL 101 Introduction to Philosophy (GEP Group B) or PHIL 111 Honors: Introduction to Philosophy (GEP Group B) PHIL 102 Contemporary Ethical Problems (GEP Group B) PHIL 201 Ethics PHIL 205 Logic</p>	<p>(6 hours) <i>Select two from:</i> PHIL 101 Introduction to Philosophy (GEP Group B) or PHIL 111 Honors: Introduction to Philosophy (GEP Group B) PHIL 102 Contemporary Ethical Problems (GEP Group B) PHIL 201 Ethics PHIL 205 Logic</p>
<p>2. History of Philosophy: (6 hours) PHIL 202 History of Philosophy: Ancient & Medieval PHIL 203 History of Modern Philosophy</p>	
<p>3. Distribution within Department: (18 hours) <i>Select from courses at the 300 or 400 level, including at least one 400-level seminar course (capstone).</i></p>	<p>(12 hours) <i>Select at least nine hours from courses at the 300 or 400 level.</i></p>

Physical Therapy Preparation

Pre-professional program

Coordinator:

Wayne Yoder, Professor,
Department of Biology

- Professional schools *differ substantially* in their requirements for admission and it is the responsibility of the student to ensure the completion of the necessary pre-physical therapy courses for the professional schools of interest.
- You are expected to earn and maintain at least a 3.20 cumulative grade point average.
- Physical Therapy experience as volunteer or aide is required (100-200 hours) as is a current CPR certificate.
- You cannot major or minor in pre-physical therapy.
- Application requirements for the University of Maryland, Baltimore include:
 - Bachelor's degree (any major)
 - Successful completion (C or better) of the 52 specified credit hours or prerequisite course work
 - Submission of GRE scores.

The following pre-professional courses are required of students interested in the University of Maryland, Baltimore's Physical Therapy Program. Students interested in attending other professional schools should work closely with the coordinator of the Physical Therapy Preparation program to plan an appropriate program.

Summary of Requirements for Pre-professional Program in Physical Therapy

1. **Arts, History and Humanities**
(3 hours)
CMST 102 Introduction to Human Communication
2. **Biology**
(12 hours)
BIOL 149 General Biology I (GEP Group C)
BIOL 201 Anatomy and Physiology I
Any 300- or 400-level biology course with lab
3. **Chemistry**
(8 hours)
CHEM 101 General Chemistry I (GEP Group C)
CHEM 102 General Chemistry II
4. **English**
(3 hours)
ENGL 101 Freshman Composition (Core Skill 1)
5. **Mathematics**
(6 hours)
MATH 209 Elements of Applied Probability & Statistics (Core Skill 3)
or SOCI 310 Statistics for Social Science
MATH 220 Calculus for Applications I
or MATH 236 Calculus I (Core Skill 3)
or MATH 120 Precalculus (Core Skill 3)
6. **Physics**
(8 hours)
PHYS 215 General Physics I (GEP Group C)
PHYS 216 General Physics II
7. **Psychology**
(9 hours)
PSYC 150 General Psychology (GEP Group D)
PSYC 210 Child Development
PSYC 212 Adolescence & Adulthood
or PSYC 417 Psychology of Abnormal Behavior
8. **Electives**
(3 hours)
Choose one of the following:
ENES 102 Statics
ENES 221 Dynamics
PHEC 301 Applied Biomechanics
PHEC 303 Biomechanics for Exercise and Sport Science
PHEC 407 Motor Learning & Performance
(Consult with the Pre-physical therapy advisor concerning other appropriate electives.)

Physics

	For Major	For Minor	For Teaching Cert. Option
Hours Required in Physics:	39	21	39
Hours Required in Other Departments:	22	8	63.5-64.5
Total Hours Required:	61	29	102.5-103.5

Major

Minor

Tracks in:

- traditional physics
- engineering physics

Teaching Certification Option

Professor:

Hoffman, Latta, Plitnik,
Tam

Associate Professors:

Deng-Luzader, Doyle,
Soysal (Chair)

- You may not use courses listed under the heading Physical Science to satisfy the requirements of a major or minor in Physics.
- FSU and the University of Maryland Baltimore County offer a BS/MS program in Applied Physics. (See the next page of this catalog for more details).
- For engineering programs offered by the Dept. of Physics and Engineering, see the Engineering section of this catalog.
- The Traditional Physics track is recommended if you plan to attend graduate school.

Summary of Requirements for Major/Minor in Physics

Major	Minor
1. Introductory Level Courses:	
<i>(8 hours)</i>	<i>(8 hours)</i>
PHYS 261 Principles of Physics I: Mechanics <i>(GEP Group C)</i>	PHYS 261 Principles of Physics I: Mechanics <i>(GEP Group C)</i>
PHYS 262 Principles of Physics II: Electricity & Magnetism	PHYS 262 Principles of Physics II: Electricity & Magnetism
2. Advanced Courses:	
<i>(22 hours)</i>	<i>(13 hours)</i>
PHYS 263 Principles of Phys. III: Sound/Light	PHYS 263 Principles of Phys. III: Sound & Light
PHYS 264 Principles of Physics IV: Thermodynamics & Modern Physics	PHYS 264 Principles of Physics IV: Thermodynamics & Modern Physics
PHYS 310 Classical Mechanics	PHYS 320 Experimental Physics
PHYS 312 Electricity & Magnetism	<i>One additional 300-400 level physics or engineering course</i>
PHYS 320 Experimental Physics	
PHYS 491 Seminar	
PHYS 492 Senior Research & Seminar <i>(Capstone)</i>	
3. Required Courses in Other Departments:	
<i>(22 hours)</i>	<i>(8 hours)</i>
<i>One of the following:</i>	MATH 236 Calculus I <i>(Core Skill 3)</i>
COSC 240 Computer Science I	MATH 237 Calculus II
or ENEE 114 Programming Concepts for Engineers	
<i>All of the following:</i>	
ENES 100 Intro. to Engineering Design	
MATH 236 Calculus I <i>(Core Skill 3)</i>	
MATH 237 Calculus II	
MATH 238 Calculus III	
MATH 432 Differential Equations	
4. Choice of Track:	
<i>(9 hours)</i>	
<i>Majors must choose a track in:</i>	
Traditional Physics or Engineering Physics	
<i>(requirements listed below)</i>	

Summary of Requirements for Traditional Physics Track

- Courses required for all majors:**
(51-52 hours)
Listed above.
- Advanced Courses in the Department:**
(9 hours)
PHYS 311 Thermodynamics
PHYS 417 Quantum Physics
One additional physics elective at the 300 level or above

Summary of Requirements for Engineering Physics Track

1. **Courses required for all majors:**
(51-52 hours)
Listed above.
2. **Elective Hours in the Department:** (9 hours)
With permission of the Department Chair, as many as 6 credits of mechanical engineering or electrical engineering at the 200 level or above may be applied.

Summary of Requirements for Teaching Certification Option in Physics

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

- Complete the BA/BS in Physics - Traditional Physics Track.
- Meet the phase admissions requirements summarized in the Educational Professions section.
- Complete the professional education sequence described in Education: Secondary School Programs.

Applied Physics

Bachelor's/Master's Collaborative Program

Dual-degree Program

Coordinator:

Oguz Soysal, Chair
Department of Physics and
Engineering

- Frostburg State University students may apply three FSU physics courses (nine credit hours) towards an undergraduate degree in Physics from FSU and towards a master's degree in Applied Physics from the University of Maryland, Baltimore County. The three courses which have UMBC equivalents are:
PHYS 312
PHYS 313
PHYS 417

- Since the Applied Physics program at UMBC normally requires 30 credit hours of graduate work, a student in the BS/MS program will be required to complete a minimum of only 141 hours to earn both the BS and MS degrees.

Hours Required at FSU	120
Hours Required at UMBC	21
Total Hours Required	141

Summary of Program Requirements at FSU:

1. Completion of all requirements for the physics major at Frostburg State University.
2. Completion of the following FSU courses as physics electives: PHYS 313 and PHYS 417.
3. Completion of all Frostburg State University general education and basic baccalaureate requirements.
4. Completion of a total of at least 120 semester hours at FSU.

Requirements for Formal Admission to the Program through UMBC:

1. An application submitted to the FSU Physics Department Chair at the beginning of the junior year. This will include an application form, undergraduate transcripts and three letters of recommendation.
2. A minimum cumulative grade point average of 3.0.
3. Formal application to the UMBC Graduate School for admission to the Applied Physics MS program by December of the senior year. Application procedures are described in the UMBC Graduate Catalog.

Political Science

	For Major	For Minor
Hours Required in Political Science:	37	21
Hours Required in Other Departments:	0	0
Total Hours Required:	37	21

Summary of Requirements for Major/Minor in Political Science

Major

Minor

Professors:

J. Andorfer, Bowman,
Simpson

Associate Professors:

Hartlaub, S. Johnson, D.
Lewis, O'Rorke, Twing
(Chair)

Assistant Professor:

Straus

- Only courses in which you earn a grade of C or better will count towards satisfaction of major or minor requirements.
- The Department strongly encourages majors to consider the internship option.
- POSC 492 counts as elective credit toward POSC major; POSC 495 counts as general elective credit.
- The Department considers it essential that majors take POSC 250 Research Methods before enrolling in 300 and 400 level POSC courses.
- Upon the completion of 75 credit hours, all majors must enroll in POSC 490 Capstone Seminar.

Major

Minor

1. Introductory Level Courses:

(6 hours)

POSC 110/112 Introduction to American Politics
(GEP Group D)

and one of the following:

POSC 113/114 Introduction to World Politics
(GEP Group D) or

POSC 131 Introduction to Comparative Politics
(GEP Group D or F)

(6 hours)

POSC 110/112 Intro. to American Politics
(GEP Group D)

and one of the following:

POSC 113/114 Introduction to World Politics
(GEP Group D) or

POSC 131 Introduction to Comparative Politics
(GEP Group D or F)

2. Research Methods:

(3 hours)

POSC 250 Research Methods

3. Capstone Seminar

(1 hour)

POSC 490 Capstone Seminar in Political Science

4. Distribution within Department:

(15 hours)

Select one course in each of the following five groups.*

GROUP I American Politics

POSC 321 American State & Local Politics

POSC 323 Public Administration

POSC 324 Criminal Justice Systems in Action

POSC 352 Interest Groups

POSC 361 Public Opinion and Political Behavior

POSC 362 Political Parties and Elections

POSC 363 Media and Politics

POSC 365 Women and Politics

POSC 421 American Legislative Politics

POSC 422 American Constitutional Law I

POSC 423 American Constitutional Law II

POSC 427 The American Presidency

POSC 462 Personality and Politics

GROUP II Comparative Politics

POSC 330 Politics of Africa

POSC 331 Politics of Latin America

POSC 332 Politics of Middle East

POSC 333 Politics of Europe

POSC 431 Russian Politics

POSC 435 Model Organization of American States

GROUP III International Relations

POSC 341 International Organization

POSC 342 Foreign Policy of the United States

POSC 441 Theory and Practice of International Relations

POSC 442 National Security Policy

POSC 443 Transnational Terrorism and Counter-Terrorism

Group IV Public Administration and Policy

POSC 355 Public Budgeting

POSC 358 American Public Policy

POSC 450 Environmental Public Policy

POSC 455 Public Program Evaluation

*Seminar courses may be applicable to the distribution requirements with the prior approval of the department chair.

GROUP V Political Theory

POSC 370 Introduction to Political Thought

POSC 470 Seminar in Political Thought

POSC 471 American Political Thought

5. Free Elective Hours in Department:*(12 hours)**Any courses from the above subfields not already taken and/or:*

POSC 492 Internship Seminar (3 or 6 credits)

and/or POSC 488 Comparative Legal Systems

POSC 498 Readings in Political Science

*(15 hours)**Any courses from the above subfields not already taken and/or:*

POSC 492 Internship Seminar (3 or 6 credits)

and/or POSC 488 Comparative Legal Systems

POSC 498 Readings in Political Science

Psychology

Major**Minor****Certificate in Child and Family Psychology****Professors:**Herzog, Peterson (Chair),
Santoro, Southerly**Associate Professors:**Bensley, Bradley, Edwards,
Redmond-Matz**Assistant Professors:**

Kennedy, Murtaugh

Instructor:

Flinn

- Majors may elect a pre-professional option, an internship option and/or a child and family certificate.
- Majors must earn a grade of C or better in ENGL 101, Advanced Composition, and MATH 209, Probability and Statistics to satisfy major requirements.
- Only psychology courses in which you earn a grade of C or better will count towards satisfaction of major and minor requirements, with the exception that you must pass PSYC 297 to satisfy major requirements.
- Psychology faculty also coordinate the Addictions Counseling Certificate and the Addictions Counseling Preparation program (see separate section of this catalog).

	For Major	For Minor
Hours Required in Psychology:	33-34	18-21
Hours Required in Other Departments:	16	0
Total Hours Required:	49-50	18-21

Summary of Requirements for Major/Minor in Psychology

Major	Minor
1. Introductory Course: <i>(3 hours)</i> PSYC 150 General Psychology <i>or</i> PSYC 151 Honors: General Psychology <i>(GEP Group D)</i>	<i>(3 hours)</i> PSYC 150 General Psychology <i>or</i> PSYC 151 Honors: General Psychology <i>(GEP Group D)</i>
2. Research Methods: <i>(8 hours) (3 hours)</i> PSYC 300 Research Methods I PSYC 301 Research Methods II <i>substitution</i>	PSYC 311 Survey of Research Methods in Psych. <i>or a departmentally approved research methods course</i>
3. Distribution within Department: <i>(12-13 hours)</i> <i>Select one course in each of four groups.</i> GROUP I Developmental PSYC 210 Child Development PSYC 212 Adolescence and Adulthood GROUP II Physiological Basis of Behavior PSYC 306 Sensation and Perception PSYC 386 Drugs and Human Behavior PSYC 420 Physiological Psychology PSYC 430 Health Psychology GROUP III Learning PSYC 307 Experimental Analysis of Behavior PSYC 409 Human Learning and Cognition PSYC 485 Behavioral Approaches to Human Problems GROUP IV Personality/Social PSYC 414 Theories of Personality PSYC 417 Psychology of Abnormal Behavior PSYC 418 Social Psychology PSYC 489 Child and Adolescent Disorders	<i>(0 hours)</i>
4. Elective Hours in Department: <i>(6 hours)</i> <i>2 additional courses, at least one of which must be at the 300 or 400 level</i>	<i>(12-15 hours)</i> <i>4 additional courses, at least two of which must be at the 300 or 400 level OR 5 additional courses, at least two of which must be at the 300 or 400 level if a course outside of psychology has been substituted for the Research Methods requirement.</i>

5. Introduction to the Profession of Psychology:*(1 hour)*

PSYC 297 Introduction to the Profession of Psychology

6. Senior Integrative Experience:*(3 hours minimum)**Select one of the following:*

PSYC 497 Senior Seminar (Capstone)

PSYC 481 History and Systems of Psychology (Capstone)

Pre-professional Option

Internship Option

7. Required Courses in Other Departments*(16 hours)*

CMST 102/112* Introduction to Human Communication

or CMST 122 Introduction to Public SpeakingCOSC 100/110* Introduction to Computer Science (*Tech. Fluency*)MATH 209/219* Elements of Applied Probability and Statistics (*Core Skill 3*)BIOL 109 Human Biology and the Environment *or* BIOL 149 General Biology I (*GEP Group C*)ENGL 308 Social Sciences Advanced Composition *or* ENGL 310/312* Advanced Composition*or* ENGL 338 Technical Writing (*Core Skill 2*)**Requirements for Pre-professional Option****1. Complete Psychology major** - described above.

You must have a minimum 3.0 grade point average in the major.

2. Required Course Work in Psychology:PSYC 420 Physiological Psychology (*may be used to satisfy Group requirements for the major above.*)*The following may be used to satisfy elective requirements for the major above:*

PSYC 470 Advanced Experimental Psychology

PSYC 481 History and Systems of Psychology

PSYC 499 Psychology Projects (*with senior thesis and oral presentation - Capstone*).**3. Attendance at a Pre-professional Orientation Meeting.****Requirements for Internship Option****1. Complete the Psychology major** - described above.

You must have a minimum 3.0 grade point average in the major; or if your psychology GPA is between 2.75 and 3.0, you must pass a comprehensive examination covering all areas of psychology.

2. Required Background in Psychology:

Pass a departmental ethics examination and complete specific courses required for different types of internships. (See the department guide.)

3. Internship Orientation Meetings:

Attend 2 internship orientation meetings: 1 at least 2 semesters before interning, and 1 in the semester preceding the internship.

4. Complete a resumé and an internship proposal.**5. Complete PSYC 495 Internship in Psychology with a grade of P and PSYC 492 Internship Seminar with a C or better (Capstone).**

* Honors equivalent

Requirements for Child and Family Psychology Certificate

1. **Complete Psychology major** - described above.
2. **Required Course Work in Psychology.** Please be aware that many of the required courses have prerequisites. Additionally, PSYC 489 must be taken BEFORE PSYC 492/495 if you select the internship under "D" as your 400 level learning experience (12 hours minimum):
(May be used to satisfy group and elective requirements for the major above)
 - A) PSYC 150/151 General Psychology
 - B) PSYC 210 Child Development or PSYC 212 Adolescence and Adulthood
 - C) PSYC 489 Child and Adolescent Disorders
 - D) **One of the following 400 level learning experiences:**
 - PSYC 404 Psychology of the Exceptional Child
 - PSYC 440 Survey of Family Psychology and Intervention Issues
 - PSYC 490 Special Topics in Psychology involving children and/or adolescents
 - PSYC 492/495 Internship in Psychology involving children and/or adolescents
 - PSYC 498 Readings in Psychology involving children and/or adolescents
 - PSYC 499 Psychology Projects involving research concerning children and/or adolescents
3. **Attendance at a Child and Family Psychology Certificate Orientation Meeting.**
Attend at least one child and family orientation meeting in a semester prior to taking PSYC 489 Child and Adolescent Disorders.
4. **Recommended Additional Courses:**
 - A) PSYC 303 Psychology of Marriage
 - B) PSYC 485 Behavioral Approaches to Human Problems
5. **A certificate of completion of the Child and Family Psychology program will be awarded to Psychology majors who complete the above requirements.**

For Certificate

Total Hours Required:

12

The certificate in public administration is open to:

- degree-seeking students in any major who would like to explore the public sector as a possible area of future employment, and
- non-degree seeking members of the community who would like to obtain employment in the public sector or who already work in public administration and desire to upgrade their skills.

Public Administration

Certificate

Coordinator:

John O'Rorke, Associate Professor, Department of Political Science

Summary of Requirements for Certificate in Public Administration

POSC 110/112 Introduction to American Politics
 POSC 323 Public Administration
 POSC 355 Public Budgeting
 POSC 455 Public Program Evaluation

Public Relations

For Minor

Total Hours Required:

24

Minor

Coordinator:

A. Franklin Parks,
Professor, Department of
English

Participating Faculty:

Professors:

A.F. Parks (English),
Routhier (Communication
Studies)

Assistant Professor:

Lombardi (Mass
Communication)

Assistant Professors:

Cheon (Marketing and
Finance), Ewers (English),
Hodges (Visual Arts)

- You cannot major in Public Relations.

Summary of Requirements for Minor in Public Relations

Minor

1. Courses in Communication Studies:

(6 hours)

CMST 300 Interpersonal Communication
or CMST 322 Presentational Communication
CMST 312 Language Behavior and Communication

2. Courses in English:

(6 hours)

ENGL 336 Journalistic Writing
ENGL 436 Advanced News and Feature Writing

3. Courses in Other Departments:

(12 hours)

ART 207 Graphic Design (*Tech. Fluency*)
ART 235 Photography
MCOM 212 Video Production Industry
MKTG 361 Principles of Marketing

Recommended Additional Courses:

The following courses are recommended but not required for the minor in Public Relations. These courses provide valuable background for the course work in the minor:

ART 104	Two-dimensional Design
BUAD 100	Introduction to Business
CMST 122	Introduction to Public Speaking
ECON 200	Basic Economics (<i>GEP Group D</i>)

Social Work

For Major

Hours Required in Social Work

48

Hours Required in Other Departments

19

Total Hours

67

Major

Professor:

Connelly

Associate Professors:

Powell, Russell (Chair)

Assistant Professors:

Hartscock

- Since the Social Work curriculum is highly sequential in design, students who begin their course of study after the first semester of their sophomore year will often need more than four years to complete the program

The major in Social Work is designed to prepare you for generalist practice. It is built upon a liberal arts foundation and provides you with the knowledge, values, and skills needed to help individuals, families, groups, organizations and communities.

Content in the major forms the foundation for professional practice. The curriculum covers values and ethics, diversity, social and economic justice, populations-at-risk, human behavior and the social environment, social welfare policy and services, social work practice, research and field practicum. All students are required to complete a full-time internship which constitutes the last semester of the senior year.

Graduates with a major in Social Work may begin professional practice in a variety of fields including mental health, aging, family and children's services, health care, addictions, juvenile and adult corrections, developmental disabilities, and community planning and development.

The Social Work program is accredited by the Council on Social Work Education (CSWE). Graduates of the program are eligible to apply to take state social work licensure exams at the baccalaureate level and to compete for employment positions where such a license is required. In addition, qualified graduates may also apply for advanced standing in graduate schools of social work which allows for completion of a Master's degree in less time than it would otherwise take. Contact the Department Chair for further information.

- Only courses in which a grade of C or better is earned will count toward satisfaction of major requirements.
- Academic credit is not given for life or work experiences.
- The Social Work program has a competitive admissions process. Department faculty reserve the right to select those candidates who demonstrate the greatest potential for developing as professional social workers.
- Students with a degree in social work are eligible to earn Maryland State certification as addiction counselors. Several social work courses count towards the requirements. See the Addictions Counselor Preparation section of this catalog.

Requirements for Admission to the Social Work Program

Applicants must meet the following admissions requirements in order to be accepted into and complete the Social Work program.

Enrollment in the program is controlled by the number of slots available in the program at the time of admission. Admissions decisions are based on a competitive process. Application deadlines for all students, including transfer students, are established each semester by the program and publicly announced by the department.

Admission Requirements

1. Completion of at least 30 credit hours
2. Cumulative GPA of at least 2.3 (or recommendation of faculty member)
3. Completion of a declaration of major form
4. Completion of an application to the Social Work program which includes a self statement and three letters of reference (Application packets are available from the department.)
5. Completion of SOWK 370 with a grade of C or better.
6. Approval of the Social Work Department Admissions Committee (which may require a personal interview with the Social Work faculty). The Admissions Committee may award special provisional admission.

Graduation Requirements

1. Completion of SOWK 492 (Capstone) with a grade of C or better and SOWK 495 with a grade of P
2. Cumulative GPA of at least 2.3 both overall and in courses required for the major.
3. Meet program performance standards set by the department as measured by a standardized exit exam. Students who do not successfully meet these standards will be given additional opportunities to repeat the exam but only at their own expense.
4. Completion of an exit interview with the Social Work faculty

Dismissal Policy

The following constitute grounds for dismissal from the Social Work program:

1. Inability to meet the academic requirements of the program
2. Failure to address and correct deficiencies in competencies cited at last assessment review
3. Violations of the National Association of Social Workers' Code of Ethics (Copies of the Code are available from the Department of Social Work.)
4. Violations of FSU's Student Code of Conduct as outlined in the *Pathfinder* which would result in a referral to the University's Judicial System.

A grievance procedure for protecting students' rights to due process is outlined in the Social Work Student Handbook available from the Department of Social Work.

Summary of Requirements for Major in Social Work

Major

1. Social Work Courses:

(48 hours)

SOWK 305 Racial and Cultural Minorities (*GEP Group F*)

SOWK 310 Statistics for Social Science

SOWK 311 Basic Research Methods

SOWK 370 Introduction to Social Welfare and Social Work

SOWK 371 Social Policy

SOWK 375 Human Behavior and the Social Environment I

SOWK 377 Human Behavior and the Social Environment II

SOWK 379 Foundations for Generalist Practice

SOWK 470 Generalist Practice with Individuals and Families

SOWK 471 Generalist Practice with Communities and Organizations

SOWK 473 Generalist Practice with Groups

SOWK 492 Social Work Seminar (Capstone)

SOWK 495 Internship in Social Work

*A seminar course (491) may be applicable to the Distribution Requirements with the prior approval of the department; only 1 seminar may be used in this manner.

2. Courses in Other Departments:*(19 hours)*SOCI 100 or 111 Introduction to Sociology (*GEP Group D*)

SOCI 200 Social Problems

COSC 100 Introduction to Computer Science (*Tech. Fluency*)PSYC 150 or 151 General Psychology (*GEP Group D*)POSC 110 or 112 Introduction to American Politics (*GEP Group D*)BIOL 109 Human Biology and the Environment (*GEP Group C*)**Sociology****Major****Minor****Tracks in:**

- general sociology
- applied social research

Option in data analysis**Professor:**

Connelly

Associate Professors:Moore (Chair), Olson,
Russell**Assistant Professors:**

McMullen, Rogers Thomas

- Sociology majors may choose either the General Sociology Track or the Applied Social Research Track.
- Sociology majors may elect an option in Data Analysis
- For departmental courses above the 100 level in the Sociology major, only courses in which a grade of C or better is earned will count toward satisfaction of major requirements.
- The Sociology major may be completed on the Frostburg campus or at the University System of Maryland at Hagerstown.
- The department also offers a minor in cultural anthropology and collaborates in offering the ethnobotany major.

	For Major		For Minor
	General Track	Applied Social Research	
Hours Required in Sociology:	36	33	18
Hours Required in Other Departments:	3	6	0
Total Hours Required:	39	39	18

Summary of Requirements for Major/Minor in Sociology

	Major	Minor
1. Basic Courses: <i>(6 hours)</i>	SOCI 100/111 Intro. to Sociology (<i>GEP Group D</i>) SOCI 200 Social Problems	<i>(6 hours)</i> SOCI 100/111 Intro. to Sociology (<i>GEP Group D</i>) SOCI 200 Social Problems or SOCI 203 Sociology of Deviant Behavior
2. Methods and Theory <i>(15 hours)</i>	General Sociology Track: SOCI 310 Statistics for Social Science SOCI 311 Basic Research Methods SOCI 450 Classical Sociological Theory SOCI 451 Contemporary Sociological Theory SOCI 491 Seminar in Sociology (<i>Capstone</i>) or SOCI 492 Internship Seminar/Research Paper (<i>Capstone</i>)	<i>(0 hours)</i>
	Applied Social Research Track: SOCI 310 Statistics for Social Science SOCI 311 Basic Research Methods SOCI 312 Applied Social Research SOCI 450 Classical Sociological Theory or SOCI 451 Contemporary Sociological Theory SOCI 492 Internship Seminar/Research Paper (<i>Capstone</i>)	
3. Distribution within Department:	General Sociology Track: <i>(15 hours)</i> At least nine hours must be at the 300 or 400 level	<i>(12 hours)</i> At least six hours must be at the 300 or 400 level
	Applied Social Research Track: <i>(6 hours)</i> At least three hours must be at the 300 or 400 level	
4. Internship Requirement:	General Sociology Track: <i>optional</i>	<i>(0 hours)</i>
	Applied Social Research Track: <i>(6 hours)</i> SOCI 495 Internship	

5. Required Courses in Other Departments:**General Sociology Track:***(3 hours)*COSC 100 Intro. to Computer Science (*Tech. Fluency*)*(0 hours)***Applied Social Research Track:***(6 hours)*COSC 100 Intro. to Computer Science (*Tech. Fluency*)

COSC 220 Intro to Software Applications

Summary of Requirements for Option in Data Analysis

1. Required Courses in Sociology:*(9 hours)*

SOCI 312 Applied Social Research

SOCI 325 Community Analysis

SOCI 499 Individual Problems in Sociology

2. Required Courses in Other Departments:*(9 hours)*COSC 100 Introduction to Computer Science (*Tech. Fluency*)ENGL 338 Technical Writing (*Core Skill 2*)MATH 209 Elements of Applied Probability and Statistics (*Core Skill 3*)

Theatre

	For major	For minor
Hours Required in Theatre	48	24
Hours Required in Other Disciplines:	3	0
Total Hours Required:	51	24

Major

Minor

Tracks in:

- acting
- directing
- production/design
- general theatre

Professor:

McCulloch

Associate Professor:

Yost-Rushton (Co-Chair,
Division of Performing Arts)

Assistant Professor:

Mattis, E. Warner

- You must earn a 2.7 cumulative GPA in all theatre courses to meet graduation requirements.
- Legal residents of Delaware may complete a theatre degree (acting or directing track) at Maryland resident tuition rates through SREB Academic Common Market.

Summary of Requirements for Major/Minor In Theatre

Major	Minor
1. Core Courses in Theatre:	
(30 hours)	(15 hours)
THEA 104 Theatre (3 hours; one hour <i>must be in a production area</i>)	THEA 106 Introduction to Theatre (GEP LAC Group A)
THEA 106 Introduction to Theatre (GEP Group A)	THEA 107 Intro. to Theatrical Vision (GEP LAC Group A)
THEA 107 Introduction to Theatrical Vision (GEP Group A)	THEA 110 Introduction to Acting
THEA 110 Introduction to Acting	THEA 206 Modern American Drama
THEA 206 Modern American Drama (also offered as ENGL 206)	THEA 308 Directing
THEA 308 Directing	
THEA 425 History of Theatre I	
THEA 426 History of Theatre II	
THEA 427 History of Theatre III (General Theatre Capstone)	
THEA 431 World Drama I (also offered as ENGL 431)	
2. Theatre Tracks:	
(18 hours)	
You must complete 18 hours in one of the following tracks:	
a. Acting	
THEA 208 Acting: Basic Principles and Application	
THEA 210 Voice and Movement	
THEA 310 Voice and Speech	
THEA 318 Acting: Analysis and Performance	
THEA 319 Acting in Shakespeare	
THEA 420 Marketing Yourself as an Actor (Acting Capstone)	
b. Directing	
THEA 204 Stagecraft	
THEA 325 Advanced Directing	
THEA 450 Experiences In Scripting and Staging (Directing Capstone)	
and select three from:	
THEA 305 Scene Design	
THEA 306 Stage Lighting	
THEA 307 Costume Design	
THEA 318 Acting: Analysis and Performance	
THEA 350 Playwrighting	
THEA 466 Projects in Directing (departmental permission required; a second THEA 466 possible with departmental permission)	
c. Production/Design	
CMST 102 Intro to Human Communication	
THEA 204 Stagecraft	
THEA 305 Scene Design	
THEA 306 Stage Lighting	
THEA 307 Costume Design	
Choose one of the following:	
THEA 400 Theatre Production (Production Capstone)	
THEA 465 Projects in Theatrical Design (Production Capstone)	

d. General Theatre

Fifteen hours of electives in Theatre; nine must be at 300-level or higher.

Plus one of the following:

ENGL 290 Topics in Language and Literature

ENGL 340 Shakespeare

3. Additional Theatre Electives:

(0 hours)

(9 hours)

You must select three additional courses from any Theatre courses not already used to fulfill a Theatre minor requirement.

4. Required Courses in Other Disciplines:

(3 hours)

(0 hours)

COSC 100 Introduction to Computer Science

(Tech. Fluency)

For Major

Hours Required in Geography:

32-44

Hours Required in Other Departments:

27-39

Total Hours Required:

71

Urban and Regional Planning

Summary of Requirements for Major in Urban and Regional Planning

Major

Major

Coordinator:

Henry Bullamore, AICP,
Professor, Department of
Geography

Participating Faculty

Professors:

Caupp (Geography), Dalton
(Economics), Kauffman
(Recreation & Parks
Management), Neral
(Economics), Precht
(Geography), Stair
(Economics)

Associate Professors:

Hartlaub (Political Science),
Kessler (Geography), Moore
(Sociology), O'Rorke
(Political Science), Powell
(Social Work), G. White
(Geography), Saku
(Geography)

- This is an interdisciplinary program.
- See the Department of Geography for advising.
- You may not minor in Urban and Regional Planning.

1. Introductory Level Courses:

(25 hours)

CMST 102 Introduction to Human Communication

or CMST 122 Introduction to Public Speaking

ECON 202 Principles of Economics (Micro)

GEOG 103 Physical Geography (*GEP Group C*)

GEOG 104 Human Geography (*GEP Group D or F*)

GEOG 275 Fundamentals of Geographic Data Handling (*Tech. Fluency*)

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

POSC 110 Introduction to American Politics (*GEP Group D*)

SOCI 100 Introduction to Sociology (*GEP Group D*)

2. Professional Core Courses:

(34 hours)

ECON 404 Public Sector Economics

ENGL 338 Technical Writing *or* ENGL 308 Social Sciences Advanced Composition

or ENGL 310 General Advanced Composition (*Core Skill 2*)

GEOG 310 Fundamentals of Cartography

GEOG 317 Principles of Geographic Information Science

GEOG 324 Urban Geography: Internal City Patterns

GEOG 325 Urban Geography: Metropolitan Systems

GEOG 380, SOCI 311 *or* POSC 311 Research Methods

GEOG 421 Regional Planning

GEOG 450 Urban Planning

GEOG 485 Senior Project (*Capstone*)

POSC 323 Public Administration

SOCI 328 Sociology of Urban Life

3. Electives:*

(6 hours from courses listed below or courses for another focus in 4.)

ECON 408 Urban and Regional Economics

ECON 410 Resource and Environmental Economics

ENES 100 Introduction to Engineering Design

GEOG 406 Management and Conservation of Natural Resources

- Frostburg State University is a member of the Association of Collegiate Schools of Planning.
- Completion of the major requirements leads to the professional degree of Bachelor of Science in Urban and Regional Planning. In addition to the requirements listed, degree candidates must meet all requirements listed in the current FSU Undergraduate Catalog for the Bachelor of Science.

GEOG 410 Locational Analysis
 GEOG 425 Geography of Transportation
 GEOG 471 Engineering for Land Development
 POSC 358 American Public Policy
 POSC 456 Urban Politics and Policies
 RECR 201 Introduction to Recreation and Parks
 RECR 342 Park and Facility Design
 RECR 443 Current Issues & Legal Liability in Recreations and Parks
 SOCI 200 Social Problems
 SOCI 305 Racial and Cultural Minorities (*GEP Group F*)
 SOCI 322 Demography
 SOWK 371 Social Policy

4. Advanced Planning Focus:*

(6 hours, select one focus)

Community Planning

SOCI 326 Sociology of Rural Life *or* SOWK 370 Introduction to Social Welfare
 SOCI 325 Community Analysis

Tourism Development

GEOG 454 Geography of Tourism
 GEOG 455 Tourism Planning

Mapping Science

Select two from:

GEOG 412 Geographic Visualization
 GEOG 413 Remote Sensing—Aerial Photo Interpretation
 GEOG 414 Digital Image Processing and Analysis
 GEOG 417 Geospatial Analysis

Environmental Planning

GEOG 472 Environmental Planning
 GEOG 473 Environmental Law *or* GEOG 460 Natural Hazards in the Physical Environment

* Completion of Introductory Level and Professional Core courses will fulfill prerequisites for most of these courses. Additional prerequisites may apply for POSC 456, SOWK 371, and GEOG 471.

Wildlife & Fisheries

Major

See related programs:

- biology
 - pre-health option
 - biotechnology
 - environmental science
- environmental analysis & planning
- ethnobotany
- forestry
- interpretive biology & natural history

Coordinator:

Frank Ammer, Assistant Professor, Department of Biology

Professors:

Harman, Morton, Raesly, Yoder

Associate Professors:

Li, Pegg, Seddon (Chair), Serfass

Assistant Professors:

Ammer, Fritz, Ghioca

- A Wildlife/Fisheries major must complete courses listed from Sections 1 and 2, and choose courses from either Section 3 or Section 4 (or both).
- There is no minor in Wildlife/Fisheries.
- Students intending to further their education in graduate school are also encouraged to take one semester of Organic Chemistry.

	For Major
Hours Required in Biology:	44-60
Hours Required in Other Departments:	30-39
Total Hours Required:	83-91

Students completing the program as listed meet all educational requirements for their certification by The Wildlife Society or American Fisheries Society (depending upon the option chosen) and will meet educational requirements for scientific research positions in Wildlife Biology or Fisheries Biology for federal agencies.

Summary of Requirements for Major in Wildlife & Fisheries

Major

1. Common Courses in Biology:

(34 hours)

BIOL 149 General Biology I (*GEP Group C*)
 BIOL 150 General Biology II
 BIOL 200 Scientific Investigation and Communication
 BIOL 302 Animal Physiology
 BIOL 327 Comparative Anatomy
 BIOL 340 General Ecology
 BIOL 350 Genetics
 BIOL 414 Quantitative Analysis of Vertebrate Populations
 BIOL 425 Forest Science
 BIOL 492 Wildlife-Fisheries Seminar (*Capstone*)

2. Required Courses in Other Departments:

(30-31 hours)

CHEM 101, 102 General Chemistry I and II (*CHEM 101 - GEP Group C*)
 CMST 102 Introduction to Human Communication
 ENGL 339 Scientific Writing (*Core Skill 2*)
 or ENGL 338 Technical Writing (*Core Skill 2*)
 GEOG 103 Physical Geography (*GEP Group C*)
 GEOG 472 Environmental Planning
 GEOG 473 Environmental Law
 MATH 209 Elements of Applied Probability and Statistics (*Core Skill 3*)
 MATH 220 Calculus for Applications I
 or MATH 236 Calculus I (*Core Skill 3*)

3. Additional Courses for Wildlife Option:

(26-27 hours)

BIOL 230 Wildlife Techniques
 BIOL 303 Plant Physiology
 BIOL 305 Dendrology
 BIOL 314 Plant Taxonomy
 BIOL 421 Sample Design and Analysis of Plant Communities
 BIOL 450 Ecology & Management of Wildlife Populations
plus two courses from:
 BIOL 406 Ornithology
 BIOL 422 Herpetology
 BIOL 423 Mammalogy

4. Additional courses for Fisheries Option:

(18 hours)

BIOL 417 Ichthyology
 BIOL 420 Fish Management and Culture
 BIOL 430 Introductory Limnology
 CHEM 420 Environmental Chemical Analysis
 GEOG 430 Surface Water Hydrology

Women's Studies

For Minor

Total Hours Required:

18

Minor

Summary of Requirements for Minor in Women's Studies

Minor

Coordinators:

Linda G. McCulloch, Professor,
Department of Theatre
Randall Rhodes, Associate
Professor, Department of
Visual Arts

Participating Faculty:

Professors:

McCulloch (Theatre),
Lutz (English), Santoro
(Psychology)

Associate Professors:

Boniece (History), Kroeger-
Mappes (Philosophy),
Redmond-Matz (Psychology),
Rhodes (Visual Arts), Sanchez
(Foreign Languages)

Assistant Professors:

Branum (English), Mattis
(Theatre)

- Women's Studies is a multicultural and multidisciplinary minor.
- You cannot major in Women's Studies.

1. Required Course:

(3 hours)

WMST 201 Introduction to Women's Studies (GEP Group F)

2. Elective Courses:

(15 hours)

Select five from among the following:

- ART 370 Women/Gender and the Visual Arts
THEA 428 Women Through Theatre
ENGL 290 Topics in Language & Literature (*when content is appropriate*)
ENGL 450 Women and Literature
HIST 436 Women's Issues in World History (GEP Group F)
MDFL 301 Latin American Women's Issues
MUSC 250 Women in Music (GEP Group F)
PHIL 409 Philosophy and Women (GEP Group F)
POSC 365 Women and Politics
PSYC 220 Psychology of Women (GEP Group F)
PSYC 270 Psychological Perspectives of Human Sexuality
SOCI 334 Gender and Social Life
SOCI 364 Marriage and Family Relationships
SOCI 366 Social Inequality
SOCI 466 Women, Health, and Healing
WMST 491 Seminar in Women's Studies
WMST 494 Practicum in Women's Studies (*a maximum of 3 credits may be applied to the minor*)
WMST 499 Independent Study