

Pharmacy Preparation

Pre-professional program

PRE-PROFESSIONAL PROGRAM

Total Hours:

65

Coordinator:

Peggy Biser, 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.

Summary of Requirements for Pre-professional Program in Pharmacy

1. Biology (16 hours)

BIOL 149 General Biology I
BIOL 304 Microbiology
BIOL 321 Anatomy & Physiology I
BIOL 322 Anatomy & Physiology II

2. Chemistry (16 hours)

CHEM 201 General Chemistry I
CHEM 202 General Chemistry II
CHEM 301 Organic Chemistry I
CHEM 302 Organic Chemistry II
CHEM 455 Biochemistry I (*recommended*)

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

	MAJOR	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

1. Introductory Level Courses: (6 hours)

Select two from:

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

2. History of Philosophy: (6 hours)

PHIL 202 History of Philosophy: Ancient & Medieval
PHIL 203 History of Modern Philosophy

3. Distribution within Department:

(18 hours)

Select 15 hours from among courses at the 300 or 400 level with the exception of PHIL 492 and 495 (the internship) which cannot be used to satisfy the requirements for the major AND select one 400-level Capstone Seminar.

Minor

1. Introductory Level Courses: (6 hours)

Select two from:

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

3. Distribution within Department:

(12 hours)

Select at least nine hours from courses at the 300 or 400 level, with the exception of PHIL 492 and 495 (the internship) which cannot be used to satisfy the requirements for the minor.

Associate Professors:

Brill, Makang (Chair)

Assistant Professors:

Mathias, Walker

PHYSICS

Physics

Major

Minor

Tracks in:

- TRADITIONAL PHYSICS
- ENGINEERING PHYSICS

Teaching Certification Option

Professors:

Deng-Luzader, J. Hoffman, Latta,
Plitnik, O. Soysal, Wang

Associate Professors:

Doyle, Teker

Assistant Professors:

Eltayeb (Chair), E. Moore

- 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.

	MAJOR	MINOR	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

Summary of Requirements for Major/Minor in Physics

Major

1. Introductory Level Courses: (8 hours)

PHYS 261 Principles of Physics I: Mechanics (*GEP Group C*)
PHYS 262 Principles of Physics II: Electricity & Magnetism

2. Advanced Courses: (22 hours)

PHYS 263 Principles of Phys. III: Sound/Light
PHYS 264 Principles of Physics IV: Thermodynamics & Modern Physics
PHYS 310 Classical Mechanics
PHYS 312 Electricity & Magnetism
PHYS 320 Experimental Physics
PHYS 491 Seminar
PHYS 492 Senior Research & Seminar (*Capstone*)

3. Required Courses in Other Departments: (22 hours)

One of the following:

COSC 240 Computer Science I
or ENEE 114 Programming Concepts for Engineers

All of the following:

ENES 100 Intro. to Engineering Design
MATH 236 Calculus I (*Core Skill 3*)
MATH 237 Calculus II
MATH 238 Calculus III
MATH 432 Differential Equations

4. Choice of Track: (9 hours)

Majors must choose a track in:

Traditional Physics or Engineering Physics
(requirements listed below)

Minor

1. Introductory Level Courses: (8 hours)

PHYS 261 Principles of Physics I: Mechanics (*GEP Group C*)
PHYS 262 Principles of Physics II: Electricity & Magnetism

2. Advanced Courses: (13 hours)

PHYS 263 Principles of Phys. III: Sound/Light
PHYS 264 Principles of Physics IV: Thermodynamics & Modern Physics
PHYS 320 Experimental Physics
One additional 300-400 level physics or engineering course

3. Required Courses in Other Departments: (8 hours)

MATH 236 Calculus I (*Core Skill 3*)
MATH 237 Calculus II

Summary of Requirements for Traditional Physics Track

1. Courses required for all majors: (51-52 hours)

Listed above.

2. 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

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

Coordinator:

Mohammed Eltayeb, 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.

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

Political Science

Major

Minor

	MAJOR	MINOR
Hours Required in Political Science:	37	21
Hours Required in Other Departments:	0	0
Total Hours Required:	37	21

Professors:

Andorfer, Bowman, Hartlaub,
D. Lewis, O'Rorke, Simpson,
Twing (Chair)

Associate Professor:

S. Johnson

Lecturer:

Magrath

- 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.

Summary of Requirements for Major/Minor in Political Science

Major

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)

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 336 Politics of Food
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

GROUP V Political Theory

POSC 370 Introduction to Political Thought
POSC 470 Seminar in Political Thought
POSC 471 American Political Thought

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)

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

Major (continued)	Minor (continued)
<p>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</p>	<p>5. Free Elective Hours in Department: (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</p>

Psychology

Major

Minor

	MAJOR	MINOR
Hours Required in Psychology:	39	18
Hours Required in Other Departments:	7	0
Total Hours Required:	46	18

Certificate in Child and Family Psychology

Summary of Requirements for Major/Minor in Psychology

Professors:
Bensley, Bradley, Edwards, Herzog, Peterson (Chair), Southerly

Associate Professors:
Murtagh, Redmond-Matz

Assistant Professors:
Bernhardt, J. Flinn, Kennedy

Lecturer:
Masciocchi

- Majors may elect an internship option and/or any of the following certificates: Addictions Counseling, Child & Family, Leadership in Psychology.
- Majors must earn a grade of C or better in ENGL 101, their math Core Skills course, ENGL 308/312, and BIOL 109/149 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 197 and PSYC 397 to satisfy major requirements.
- The psychology major may be completed on the Frostburg campus or at the University System of Maryland at Hagerstown.

Major	Minor
<p>1. Foundation Courses: (9 hours) PSYC 150 General Psychology or PSYC 151 Honors: General Psychology (GEP Group D) PSYC 201 Research Methods & Analysis I PSYC 301 Research Methods & Analysis II</p> <p>2. Fundamental Courses: (6 hours) PSYC 197 Introduction to the Profession of Psychology PSYC 155 Critical Thinking & Scientific Inquiry PSYC 397 Career Planning in Psychology</p> <p>3. Courses in Core Areas: (12 hours) Select one course in each of four groups.</p> <p>GROUP A Biological Bases PSYC 306 Sensation and Perception PSYC 386 Drugs and Human Behavior PSYC 420 Physiological Psychology PSYC 430 Health Psychology</p> <p>GROUP B Learning and Cognition PSYC 345 Animal Learning and Cognition PSYC 409 Human Learning and Cognition PSYC 485 Behavioral Approaches to Human Problems</p> <p>GROUP C Developmental Changes Across the Lifespan PSYC 208 Introduction to Lifespan Development PSYC 210 Child Development PSYC 212 Adolescent and Adult Development</p> <p>GROUP D Sociocultural PSYC 314 Theories of Personality PSYC 317 Abnormal Psychology PSYC 318 Social Psychology</p> <p>4. Diverse Populations Courses: (3 hours) Select one of the following: PSYC 214 Introduction to Geropsychology PSYC 220 Psychology of Women (GEP Group F) PSYC 270 Psychological Perspectives of Human Sexuality PSYC 325 African American Psychology (GEP Group F) PSYC 404 Psychology of the Exceptional Child PSYC 489 Abnormal Child Psychology</p>	<p>1. Foundation Courses: (6 hours) PSYC 150 General Psychology or PSYC 151 Honors: General Psychology (GEP Group D) PSYC 201 Research Methods & Analysis I or a departmentally approved research methods course substitution</p> <p>2. Courses in Core Areas: (12 hours.) Select one course in each of four groups.</p> <p>GROUP A Biological Bases PSYC 306 Sensation and Perception PSYC 386 Drugs and Human Behavior PSYC 420 Physiological Psychology PSYC 430 Health Psychology</p> <p>GROUP B Learning and Cognition PSYC 345 Animal Learning and Cognition PSYC 409 Human Learning and Cognition PSYC 485 Behavioral Approaches to Human Problems</p> <p>GROUP C Developmental Changes Across the Lifespan PSYC 208 Introduction to Lifespan Development PSYC 210 Child Development PSYC 212 Adolescent and Adult Development</p> <p>GROUP D Sociocultural PSYC 314 Theories of Personality PSYC 317 Abnormal Psychology PSYC 318 Social Psychology</p>

PSYCHOLOGY

Major *(continued)***5. Applied Courses: (3 hours)***Select one of the following:*

- PSYC 340 Forensic Psychology
- PSYC 360 Industrial/Organizational Psychology
- PSYC 387 Addictions Treatment Delivery
- PSYC 388 Treatment Issues and Theory in Addictions
- PSYC 394 Learning Mentor in Psychology Field Experience
- PSYC 408 Tests and Measurements
- PSYC 410 Introduction to Counseling
- PSYC 445 Research Applications in Animal Behavior and Cognition
- PSYC 450 Multicultural Counseling Issues
- PSYC 488 Environmental Psychology

6. Elective Hours in Department: (3 hours)*1 additional course in Psychology, including courses listed in the electives section or any additional course from Core Areas, Diverse Populations, or Applied Courses.*

- PSYC 213 Psychology of Adjustment
- PSYC 250 Death and Dying
- PSYC 290 Psychological Issues and Practices
- PSYC 303 Psychology of Couples
- PSYC 385 Group Processes
- PSYC 440 Survey of Family Psychology and Intervention Issues
- PSYC 490 Special Topics in Psychology
- PSYC 491 Seminar in Psychology
- PSYC 498 Readings in Psychology
- PSYC 499 Psychology Projects

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

- PSYC 470 Research Methods Applications
- PSYC 481 History and Systems of Psychology
- PSYC 492/495 Internship Option
- PSYC 497 Senior Seminar

8. Required Courses in Other Departments (7 hours)

- BIOL 109 Human Biology and the Environment or BIOL 149 General Biology I (*GEP Group C*)
- ENGL 308 Social Sciences Advanced Composition or ENGL 312* Advanced Composition (*Core Skill 2*)

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).**

Requirements for Child and Family Psychology Certificate

1. Complete Psychology major - described above.

2. Required Coursework 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 208 Introduction to Lifespan Development or PSYC 210 Child Development or PSYC 212 Adolescence and Adulthood
- C) PSYC 489 Abnormal Child Psychology
- 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 Couples
- 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.

Requirements for the Addictions Counseling Certificate and for state certification in Alcohol and Drug Counseling are listed under Addictions Counselor Preparation in this catalog.

Leadership in Psychology

Certificate

Coordinator:

Megan Bradley, Associate Professor,
Department of Psychology

- The Leadership in Psychology Certificate provides you the opportunity to gain valuable knowledge and experience that employers and graduate programs seek in applicants. It includes coursework on the best teaching/learning practices and leadership theories in psychology. In the field experience course, you will apply these skills by serving as a learning mentor for students enrolled in General Psychology.
- You must apply for acceptance into the field experience course (PSYC 394) prior to enrolling in the certificate program.

1. Enroll at Frostburg State University as a degree-seeking student.

2. Complete a minimum of 15 credit hours distributed as follows:

a. Prerequisite Course (3 hours)

PSYC 150/151 General Psychology (GEP Group D)

b. Psychology Courses Related to Group Leadership (3 hours)

Select one of the following:

- PSYC 385 Group Processes
- PSYC 314 Theories of Personality
- PSYC 318 Social Psychology
- LEAD 201 Leadership Theories and Practices

c. PSYC 394 Learning Mentor in Psychology Field Experience (3 hours)

You must apply for approval and receive permission from the department to enroll; thus, only those students who are approved to enroll in PSYC 394 can complete this certificate. Applications and a list of requirements for enrollment are available in the Department of Psychology. A grade of C or better is required.

d. Electives (6 hours)

Select any course(s) listed under b. above that were not used to meet the Group Leadership requirement and/or enroll in PSYC 394 for an additional 3 to 6 credits (*reapplication and departmental approval are required*).

PUBLIC ADMINISTRATION & PUBLIC RELATIONS

Public Administration

Certificate

CERTIFICATE

Total Hours Required:

12

Coordinator:John O'Rorke, Professor,
Department of Political Science**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.

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

Minor

MINOR

Total Hours Required:

24

Coordinator:A. Franklin Parks, Professor,
Department of English**Participating Faculty:****Professor:**

A.F. Parks (English)

Associate Professors:Ewers (English), Hodges (Visual Arts),
J. Lombardi (Mass Communication)**Assistant Professors:**Dean (Marketing & Finance),
A. Duncan (English), Hein (Visual
Arts), Herzfeld (Visual Arts),
McAlexander (Mass Communication),
Ruminski (Communication Studies),
Ye (Marketing & Finance)

- 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 335 Organizational 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 287 Introduction to Video Production
 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 *(GEP Group D)*

Social Work

Major

	MAJOR
Hours Required in Social Work:	48
Hours Required in Other Departments:	19
Total Hours	67

Professors:

Connelly, Russell (Chair)

Associate Professors:

Hartsock, Powell

- Since the Social Work curriculum is highly sequential in design, you are encouraged to meet with the department chair as early as possible to discuss declaring your major in social work.
- 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.

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.

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.

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

	MAJOR	MINOR
Hours Required in Sociology:	36	18
Hours Required in Other Departments:	3	0
Total Hours Required:	39	18

Professors:

Connelly, Moore (Chair), Russell

Associate Professor:

McMullen

Assistant Professors:

Hartman, Rogers Thomas

Lecturer:

Austin

- 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.
- Internship opportunities are available.

Summary of Requirements for Major/Minor in Sociology

Major

1. Basic Courses: (6 hours)

SOCI 100/111	Intro. to Sociology (GEP Group D)
SOCI 200	Social Problems

2. Methods and Theory (15 hours)

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 (Capstone)

3. Distribution within Department: (15 hours)

At least nine hours must be at the 300 or 400 level

4. Internship Requirement:

optional

5. Required Course in Other Departments: (3 hours)

COSC 100	Intro. to Computer Science (Tech. Fluency)
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Minor

1. Basic Courses: (6 hours)

SOCI 100/111	Intro. to Sociology (GEP Group D)
SOCI 200	Social Problems
or SOCI 203	Sociology of Deviant Behavior

2. Methods and Theory (0 hours)

3. Distribution within Department: (12 hours)

At least six hours must be at the 300 or 400 level

4. Internship Requirement: (0 hours)

5. Required Courses in Other Departments: (0 hours)

Sustainability Studies

Minor

MINOR

Total Hours Required:

21-23

Coordinator:

Henry Bullamore, Professor
Department of Geography

Steering Committee:

Professors:

Bullamore (Geography),
Precht (Geography), Dalton
(Economics)

Associate Professor:

Ewers (English)

Assistant Professors:

Bernhardt (Psychology),
Fiscus (Biology), Rogers
Thomas (Sociology), G. Wood
(History)

Ex Officio:

J. Hoffman, Dean, College of
Liberal Arts and Sciences,
Russo (Assistant Professor,
Geography) T. Edwards
(Lecturer, Geography)

Summary of Requirements for Minor in Sustainability Studies

Minor

1. Core Courses: (6 hours)

SUST/IDIS 155 Introduction to Sustainability Studies (*GEP Group E*)
SUST 455 Seminar in Sustainability Studies

2. Focus Courses: (6-8 hours)

Select one of the following pairs of courses:

CHEM 202 General Chemistry II and
CHEM 420 Environmental Chemical Analysis or CHEM 460 Environmental Chemistry
or
BIOL 150 General Biology II and
BIOL 340 General Ecology
or
GEOG/PHSC 205 Descriptive Meteorology and
GEOG 405 Global Climate Systems
or
HIST 420 Green: Environment and Economy in US History and
ENGL 440 Literature and the Environment or PHIL 315 Philosophy of the Environment
or
ECON 410 Resource and Energy Economics, and
POSC 450 Environmental Public Policy

3. Elective Courses*: (9 hours)

Choose one course from each group. Courses used for focus requirements may not be used as electives:

Physical Environment and Natural Resources

BIOL 340 General Ecology
BIOL 425 Forest Science
BIOL 450 Ecology and Management of Wildlife Populations
GEOG 335 Oceanography
GEOG 360 Food Systems
GEOG 405 Global Climate Systems
GEOG 406 Management and Conservation of Natural Resources
GEOG 445 Biogeography
GEOG 472 Environmental Planning
PHSC 350 Practical Solar Energy

Economic, Public Policy and Business Issues

ECON 410 Resource and Energy Economics
GEOG 421 Regional Planning
GEOG 423 Geography of the Suburbs
GEOG 450 Urban Planning
GEOG 473 Environmental Law
MGMT 405 Business Ethics and Social Responsibility
POSC 450 Environmental Public Policy
SOCI 366 Social Inequality

Human Society, Lifestyle, and Culture

ENGL 440 Literature and the Environment
HIST 409 World Environmental History
HIST 420 Green: Environment and Economy in US History
MDFL 111 Intercultural Understanding
PHIL 315 Philosophy and the Environment
PSYC 488 Environmental Psychology
RECR 393 History and Philosophy of Outdoor Recreation
SOCI 345 Sociology of the Environment

* Special topics courses numbered 490 or 491 in participating departments when approved by the Program Coordinator. One 3 hour independent studies course numbered 499 when approved by the Program Coordinator.

THEATRE

Theatre

Major

Minor

	MAJOR	MINOR
Hours Required in Theatre:	48	24
Hours Required in Other Departments:	3	0
Total Hours Required:	51	24

Tracks in:

- ACTING
- DESIGN/TECHNICAL THEATRE
- THEATRICAL STUDIES

Associate Professors:

Mattis (Chair, Department of Theatre and Dance), Yost-Rushton

Assistant Professors:

Kouyeas, Rushton

- 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 track) at Maryland resident tuition rates through the SREB Academic Common Market.
- All students who wish to enter or re-enter the major with a primary focus in the Acting Track are required to pass an audition/interview for admittance.
- All students who wish to enter or re-enter the major with a primary focus in the Design/Technical Track are required to pass a portfolio review/interview for admittance.
- Students changing their primary area of focus must re-audition/interview before being accepted into that area of focus.
- Students who wish to enter the major with a primary focus in Theatrical Studies may simply declare that track on admittance to Frostburg State University.
- An interview/audition is required for **all** students seeking departmental scholarship consideration.

Summary of Requirements for Major/Minor In Theatre**Major****1. Core Courses in Theatre: (30 hours)**

- THEA 104 Theatre (3 hours; all three hours **must** be in a production area. One hour must be completed within student's first two semesters as a theatre major. All 3 hours must be completed by the end of student's junior year.)
- THEA 106 Introduction to Theatre (GEP Group A)
- THEA 107 Introduction to Theatrical Vision (GEP Group A)
- THEA 110 Introduction to Acting
- THEA 204 Stagecraft
- THEA 206 Modern American Drama (also offered as ENGL 206)
- THEA 308 Directing
- THEA 425 History of Theatre I
- THEA 426 History of Theatre II
- 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. Design/Technical Theatre

Choose 6 credits from the following:

- THEA 202 Stage Management
- THEA 203 Costume Technologies
- THEA 205 Fabrication Technologies
- THEA 207 TheatreCAD

Choose 9 credits from the following:

- THEA 304 Sound Design
- THEA 305 Scene Design
- THEA 306 Stage Lighting
- THEA 307 Costume Design

Choose one of the following:

- THEA 400 Theatre Production (Production Capstone – Technical)
- THEA 465 Projects in Theatrical Design (Production Capstone – Design)

c. Theatrical Studies

- THEA 208 Acting: Basic Principles and Application
- THEA 450 Experiences in Scripting and Staging (Theatrical Studies Capstone)

And select one from:

- THEA 202 Stage Management
- THEA 305 Scene Design
- THEA 306 Stage Lighting
- THEA 307 Costume Design

And 9 additional hours from any Theatre courses not already used to fulfill Core Courses in Theatre requirements.

Minor**1. Core Courses in Theatre: (15 hours)**

- THEA 106 Introduction to Theatre (GEP LAC Group A)
- THEA 107 Introduction to Theatrical Vision (GEP LAC Group A)
- THEA 110 Introduction to Acting
- THEA 206 Modern American Drama
- THEA 308 Directing

2. Additional Theatre Electives: (9 hours)

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

Urban and Regional Planning

Major

	MAJOR
Hours Required in Geography:	32-44
Hours Required in Other Departments:	27-39
Total Hours	71

Coordinator:

Henry Bullamore, AICP, Professor,
Department of Geography

Participating Faculty:

Professors:

Caupp (Geography), Dalton (Economics), Hartlaub (Political Science), Kauffman (Recreation & Parks Management), Moore (Sociology) Neral (Economics), O'Rorke (Political Science), Precht (Geography), Saku (Geography), Stair (Economics)

Associate Professors:

Kessler (Geography), McMullen (Sociology), Powell (Social Work)

Assistant Professor:

Russo (Geography)

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

Summary of Requirements for Major in Urban and Regional Planning

Major

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 250	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 Energy Economics
ENES 100	Introduction to Engineering Design
GEOG 360	Food Systems
GEOG 406	Management and Conservation of Natural Resources
GEOG 410	Locational Analysis
GEOG 423	Geography of the Suburbs
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 Recreation 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 and Social Work
SOCI 325	Community Analysis

Tourism Development

GEOG 454	Geography of Tourism
GEOG 455	Tourism Planning

Mapping Science

Select two from:

GEOG 413	Remote Sensing—Image Interpretation
GEOG 414	Digital Image Processing and Analysis
GEOG 415	Applied Design in the Mapping Sciences
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

Wildlife & Fisheries

Major

See related programs:

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

Contact:

Sunshine Brosi, Assistant Professor,
Department of Biology

Professors:

Raesly (Chair), Seddon, Serfass

Associate Professors:

Ammer, Fritz, Li, Pegg

Assistant Professors:

Brosi, Fiscus, Keller,
Lambert, Puthoff,
Robertson-Thompson

- Students completing the professional programs as listed meet all educational requirements for their certification by The Wildlife Society or American Fisheries Society (depending upon the option chosen).
- Students can choose to add a fisheries option to either wildlife option.
- Students will meet educational requirements for scientific research positions in Wildlife Biology or Fisheries Biology for federal and state agencies.
- Students intending to further their education in graduate school are also encouraged to take one semester of organic chemistry.
- Minors are available in biology, forestry, ethnobotany, geography, and sustainability studies.

	WILDLIFE		PROFESSIONAL FISHERIES
	PROFESSIONAL	GENERAL	
Hours Required in Biology:	45-48	45-50	29
Hours Required in Other Departments:	30-32	20-23	29
Total Hours Required:	75-77	68-70	58

Summary of Requirements for Major in Wildlife & Fisheries

Major

1. Core Curriculum: (36 hours)

BIOL 149 General Biology I (GEP Group C)
 BIOL 150 General Biology II
 BIOL 200 Scientific Investigation and Communication
 BIOL 340 General Ecology
 BIOL 350 Genetics
 BIOL 492 Wildlife-Fisheries Seminar (Capstone)
 CHEM 201 General Chemistry I (GEP Group C)
 CMST 102/112 Introduction to Human Communication
 ENGL 339 Scientific Writing (Core Skill 2)
 or ENGL 338 Technical Writing (Core Skill 2)
 GEOG 103/113 Physical Geography (GEP Group C)
 MATH 209/219 Elements of Applied Probability and Statistics (Core Skill 3)

2. Wildlife Core Requirements: (23-24 hours)

Wildlife Management:
 BIOL 450 Ecology and Management of Wildlife Populations

Wildlife Techniques:

BIOL 230 Wildlife Techniques

Wildlife Biology, take two of the following:

BIOL 406 Ornithology
 BIOL 422 Herpetology
 BIOL 423 Mammalogy

Anatomy and Physiology, take one of the following:

BIOL 302 Animal Physiology
 BIOL 427 Comparative Anatomy

Botany, take one of the following:

BIOL 305 Dendrology
 BIOL 314 Plant Taxonomy

Policy, Administration, and Law, take one of the following:

BIOL 425 Forest Ecology and Conservation
 GEOG 472 Environmental Planning
 GEOG 473 Environmental Law

3. Requirements for Professional Wildlife Track:

1. Core Curriculum: (36 hours – listed above)
2. Wildlife Core Requirements: (23-24 hours – listed above)
3. Professional Certification Core Requirements (16-17 hours)

Quantitative Sciences:

BIOL 414 Quantitative Analysis of Vertebrate Populations
 MATH 220 Calculus for Applications I
 or MATH 236 Calculus I (Core Skill 3)
 CHEM 202 General Chemistry II

Botany, one additional course from:

BIOL 303 Plant Physiology
 BIOL 305 Dendrology
 BIOL 314 Plant Taxonomy
 BIOL 312 Morphology of Vascular Plants

Policy, Administration, and Law, one additional course from:

BIOL 425 Forest Ecology and Conservation
 GEOG 472 Environmental Planning
 GEOG 473 Environmental Law

4. Requirements for General Wildlife Track

1. Core Curriculum: (36 hours – listed above)
2. Wildlife Core Requirements: (23-24 hours – listed above)
3. General Wildlife Track Requirements (9-11 hours)

MATH 102 College Algebra (Core Skill 3)
 or MATH 120 Pre-Calculus (Core Skill 3)
 or any math course above 219

Plus two additional courses from:

BIOL 302 Animal Physiology
 BIOL 309 General Entomology
 BIOL 334 General Animal Behavior
 BIOL 406 Ornithology
 BIOL 411 Invertebrate Zoology
 BIOL 412 General Parasitology
 BIOL 417 Ichthyology
 BIOL 422 Herpetology
 BIOL 423 Mammalogy
 BIOL 426 Vertebrate Zoology
 BIOL 427 Comparative Anatomy

5. Requirements for Professional Fisheries Track

1. Core Curriculum: (36 hours – listed above)
2. Professional Fisheries Track Requirements: (22 hours)

CHEM 202 General Chemistry II
 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

Minor

MINOR

Total Hours Required:

18

Coordinators:

Julie E. Hartman, Assistant Professor,
Department of Sociology
Randall Rhodes, Professor,
Department of Visual Arts

Participating Faculty:

Professors:

Boniece (History), Grolman (Music),
Lutz (English), Rhodes (Visual Arts)

Associate Professors:

Mattis (Theatre), Redmond-Matz
(Psychology), Sanchez (Foreign
Languages)

Assistant Professors:

Branam (English), Brosi (Biology),
J. Flinn, Kennedy (Psychology),
Hartman (Sociology), Ruminski
(Communications Studies), G. Wood
(History)

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

Summary of Requirements for Minor in Women's Studies

Minor

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 (GEP Group F)
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