

# Frostburg State University

This supplement describes changes in degree and major requirements that apply to you if you first enroll in college during the 2010-2011 academic year. All other provisions of the 2009-2011 Undergraduate Catalog still apply to you, and this supplement should be used in conjunction with that catalog.

Also included are updates and descriptions of new programs and courses available beginning in the 2010-2011 academic year.



## 2010-2011 Supplement to the 2009-2011 Undergraduate Catalog

### Table of Contents

Academic Calendar	2
Teacher Education Report Card	3
Expenses 2010-2011	4
Accreditation	5
The Academic Program	6
Courses of Study	7
Accounting	7
Addictions Counselor Preparation	8
African American Studies	8
Dance	8
Engineering	9
Geography	9
Law and Society	10
Philosophy	10
Psychology	11
Leadership in Psychology	14
Sustainability Studies	15
New and revised course descriptions	17

Notwithstanding any other provision of this or any other University publication, the University reserves the right to make changes in tuition, fees, and other charges at any time such changes are deemed necessary by the University and the University System of Maryland Board of Regents.

The provisions of this catalog are not to be regarded as an irrevocable contract between the University and the student. The University reserves the right to change any provisions of requirement at any time, but its practice is to not make changes in degree and admission requirements retroactive. Other regulations and procedures, tuition and fees, and course offerings may change during the period of your enrollment. Such changes will be published in official University publications such as the Undergraduate Catalog and Registration Guidelines, with prior notice of changes provided if possible.

Frostburg State University is a constituent institution of the University System of Maryland.

# Academic Calendar 2010-2011

For all deadlines: action must be completed by 4:30 p.m. on the date specified.

## Fall Semester 2010

August 28	Residence halls open at noon—new students only
August 29	Residence halls open at 9 a.m.—continuing students
August 30	Classes begin
August 30-September 3	Late registration/drop/add
September 3	Last day to add classes
September 6	Labor Day—no classes, offices closed
October 8-10	Family Weekend
October 12	Last day for <b>graduate</b> students to withdraw with W
October 12	Last day for <b>undergraduate</b> student grade changes for spring '10 and summer '10 (including removal of incomplete grades)
October 13	Mid-semester warnings distributed to <b>undergraduate</b> students
October 26	Last day for <b>undergraduate</b> students to withdraw with W
October 27	Intensive courses begin
November 1-19	Spring 2011 registration, without payment
November 1-December 10	Intersession registration, with payment
November 5-7	Leadership/Homecoming Weekend
November 23	Residence halls close at 7 p.m.
November 24-28	Thanksgiving recess
November 28	Residence halls open at noon
November 29	Classes resume
December 10	Last day for <b>graduate</b> students to remove incomplete grades
December 10	Last day to withdraw from courses with WF
December 10	Last day of classes
December 11-12	Reading days/common finals
December 11- January 4	Late Intersession registration, with late fees
December 13-17	Final exams
December 15	Intersession course cancellations
December 17	Residence halls close at 7 p.m.
December 18	Commencement

## Spring Semester 2011

January 23	Residence halls open at 9 a.m.
January 24	Classes begin
January 24-28	Late registration/drop/add
January 28	Last day to add classes
March 4	Last day for <b>undergraduate</b> student grade changes for fall 2010 and Intersession 2011 (including removal of incomplete grades)
March 4	Last day for <b>graduate</b> students to withdraw with W
March 7	Mid-semester warnings distributed to <b>undergraduate</b> students
March 18	Last day for <b>undergraduate</b> students to withdraw with W
March 18	Residence halls close at 7 p.m.
March 20-27	Spring Break
March 27	Residence halls open at noon
March 28	Classes resume
March 30	Intensive courses begin
April 4-22	Fall 2011 registration, without payment
April 4-May 6	Summer sessions registration, with payment
May 7-24	Late registration for summer sessions for continuing students, with late fees
May 10	Last day for <b>graduate</b> students to remove incomplete grades
May 10	Last day to withdraw from courses with WF
May 10	Last day of classes
May 11	Summer sessions course cancellations for sessions beginning May 23
May 11	Reading day
May 12-13	Final exams
May 14-15	Reading days/common finals
May 16-18	Final exams
May 18	Residence halls close at 7 p.m.
May 20	Honors convocation at 7:30 p.m.
May 21	Commencement
May 23	First day of Summer Session I

## Intersession 2011

January 2	Residence halls open at noon
January 3	Classes begin
January 3-4	Late registration/drop/add
January 4	Last day to add classes
January 11	Last day to withdraw with W
January 17	Martin Luther King Day – no classes, offices closed
January 21	Last day to withdraw with WF
January 21	Last day of classes

## Summer Sessions 2011

First summer session begins May 23  
See the *Summer Session Schedule Booklet* for complete calendar.

Calendar subject to change without notice.

# FSU's Teacher Education Report Card

## Contextual Information

Total number of students admitted into teacher preparation, all specializations, AY 2008-09	774
Number of students in supervised student teaching	242
Number of faculty members who supervised student teachers:	
Full-time faculty in professional education	18
Part-time faculty in professional education but full-time in the institution	4
Part-time faculty in professional education, not otherwise employed by the institution	11
Total faculty student teaching supervisors	33
Student teacher/faculty ratio	7.3
The average number of student teaching hours per week required*	35
The total number of weeks of supervised student teaching required	20
Average total number of hours required	700

\*Student teaching varies by program with most being 20 weeks in the school.

## Aggregate and Summary Institutional-level Pass-rate Data: Regular Teacher Preparation Program

<i>Academic Year: 2008-09</i>		<i>Number of Program Completers: 1621</i>		
<b>Type of Assessment<sup>2</sup></b>	<b>Number Taking Assessment<sup>3</sup></b>	<b>Number Passing Assessment<sup>4</sup></b>	<b>Institutional Pass Rate</b>	<b>Statewide Pass Rate</b>
Aggregate - Basic Skills	159	159	100%	99%
Aggregate - Professional Knowledge	142	138	97%	99%
Aggregate - Academic Content Areas**	162	158	98%	99%
<b>Summary Totals and Pass Rates<sup>5</sup></b>	162	157	97%	97%

<sup>1</sup> The number of program completers found, matched and used in the passing rate calculation will not equal the sum of the column labeled "Number Taking Assessment" since a completer can take more than one assessment.

<sup>2</sup> Institutions and/or states did not require the assessments within an aggregate where data cells are blank.

<sup>3</sup> Number of completers who took one or more tests in a category and within their area of specialization.

<sup>4</sup> Number who passed all tests they took in a category and within their area of specialization.

<sup>5</sup> Summary Totals and Pass Rate: Number of completers who successfully completed one or more tests across all categories used by the state for licensure and the total pass rate.

See College of Education Web site for detailed report: [www.frostburg.edu/colleges/coe/unit\\_assessment/reporting.html](http://www.frostburg.edu/colleges/coe/unit_assessment/reporting.html).

\*\*Math, English, Biology, etc.

# Expenses 2010-2011

Replaces page 15 of the 2009-2011 Undergraduate Catalog

This information applies to the academic year 2010-2011 only. Notwithstanding any other provision of this or any other University publication, the University reserves the right to make changes in tuition, fees, and other charges at any time such changes are deemed necessary by the University and the University System of Maryland Board of Regents.

## Tuition

Tuition for legal residents of Maryland is \$2,575 per semester plus all other applicable fees at the University. Tuition for out-of-state students is \$7,598 per semester plus all other applicable fees at the University. Tuition for residents of the contiguous counties\* is \$5,678 per semester plus all other applicable fees at the University.

**Evening and part-time tuition** is \$213 per credit hour for resident undergraduate students, \$427 per credit hour for non-resident undergraduate students, \$317 per credit hour for resident graduate students, and \$386 per credit hour for non-resident graduate students.

**Summer tuition** is \$213 per credit hour for resident undergraduate students, \$427 per credit hour for non-resident undergraduate students, \$317 per credit hour for resident graduate students and \$386 per credit hour for non-resident graduate students.

Students taking courses for audit or pass/fail or courses without credit designation will receive assigned equivalency credit hours for tuition and fee purposes.

**Tuition and Fees for Collaborative Engineering Programs** - Students enrolled in the electrical or mechanical engineering programs offered by FSU in collaboration with University of Maryland, College Park are subject to a different tuition and fee arrangement due to the unique nature of the program. During the freshman and sophomore years, students pay FSU tuition and fees. After completing 45 credits of designated course work, students will apply for formal acceptance into UMCP's Clark School of Engineering and will be considered UMCP students for the remainder of the program. Students will then pay UMCP tuition rates and FSU fees to the FSU University and Student Billing Office.

## Undergraduate Tuition & Fees 2010- 2011

TUITION - FULL TIME (12 cr. or more)	1st Semester	2nd Semester	Total
Maryland Residents	\$2,575	\$2,575	\$5,150
Out-of-State Residents	7,598	7,598	15,196
Contiguous County Residents	5,678	5,678	11,356

### MANDATORY FEES

Activities Fee	\$78	\$78	\$156
Athletic Fee	314	314	628
Auxiliary Facilities Fee	270	270	540
Student Union Operating Fee	126	126	252
Technology Fee	72	72	144
Transportation Fee	17	17	34
<b>Total Fees</b>	<b>\$877</b>	<b>\$877</b>	<b>\$1,754</b>

### TOTAL TUITION AND FEES

Maryland Residents	\$3,452	\$3,452	\$6,904
Out-of-State Residents	8,475	8,475	16,950
Contiguous County* Residents	6,555	6,555	13,110

### ROOM CHARGES

Frederick, Westminster	double	\$1,796	\$1,796	\$3,592
All other halls	double	1,755	1,755	3,510
	small single	2,343	2,343	4,686
	large single	2,541	2,541	5,082

### BOARD CHARGES

Super 15 Meal Plan with \$300 bonus dollars	\$2,063	\$2,063	\$4,126
Gold Plan with \$200 bonus dollars	1,934	1,934	3,868
Silver 19 - 19 meals w/\$100 bonus dollars	1,798	1,798	3,596
14-meal with \$100 bonus dollars	1,726	1,726	3,452
12-meal with \$250 bonus dollars	1,792	1,792	3,584
10-meal with \$75 bonus dollars	1,507	1,507	3,014

### TOTAL TUITION, FEES, ROOM AND BOARD\*\*

<b>Maryland Residents</b>	<b>\$7,311</b>	<b>\$7,311</b>	<b>\$14,622</b>
<b>Out-of-State Residents</b>	<b>12,334</b>	<b>12,334</b>	<b>24,668</b>
<b>Contiguous County* Residents</b>	<b>10,414</b>	<b>10,414</b>	<b>20,828</b>

\*\*based on \$3,592 room rate and \$4,126 board rate

All fees subject to change.

\*Contiguous counties include Berkeley, Grant, Hampshire, Jefferson, Mineral and Morgan counties in West Virginia; Bedford, Fulton, Franklin and Somerset counties in Pennsylvania; and Loudoun County, Virginia.

## Room and Board

The cost for room and board for each University residence hall student varies from \$6,524 per year to \$9,208 per year. Room contracts are binding for one academic year (fall and spring semesters). All students living in the residence halls are required to purchase a meal ticket for the University dining hall. See the preceding chart for detailed room and board options and prices.

## Mandatory Fees

The following paragraphs explain how the University uses the mandatory fees which students pay. For information on other fees and expenses related to summer and graduate programs, refer to the respective catalogs and bulletins.

**Activities Fee:** An activities fee of \$78 per semester for full-time students or \$12 per credit hour for part-time students is collected to support student publications, the campus radio station, social activities, student government and a balanced program of cultural events.

**Athletic Fee:** An athletic fee of \$314 per semester for full-time students and a \$35 per credit hour fee for part-time students is used to support the University's program in intercollegiate and intramural athletics.

**Auxiliary Facilities Fee:** An auxiliary facilities fee of \$270 per semester for full-time students and \$24 per credit hour for part-time students is assessed for construction expenses of the auxiliary facilities.

**Student Union Operating Fee:** A Student Union operating fee of \$126 per semester for full-time students and \$15 per credit hour for part-time students is charged for operating expenses of the Lane Center.

**Technology Fee:** A Technology fee of \$72 per semester for full-time students or \$10 per credit hour for part-time students is collected to fund technology initiatives for student enhancement.

**Transportation Fee:** A Transportation fee of \$17 per semester for full-time students and \$2 per credit hour for part-time students is charged, allowing students to ride Allegany Transit Authority buses by showing a student ID.

## Other Fees and Expenses

All other fees, payment and refund procedures remain as stated in the 2009-2011 Undergraduate Catalog.

All fees subject to change at any time by action of the Board of Regents of the University System of Maryland.

# Accreditation

Frostburg State University is accredited by the Middle States Commission on Higher Education, 3624 Market Street, Philadelphia, PA 19104 (267.284.5000). The Middle States Commission on Higher Education is an institutional accrediting agency recognized by the U.S. Secretary of Education and the Council for Higher Education Accreditation.

Each of the following programs is accredited by a specialized accrediting agency recognized by the U.S. Secretary of Education:

- College of Business programs: AACSB International (Association to Advance Collegiate Schools of Business)
- BA/BS in Athletic Training: Commission on Accreditation of Allied Health Education Programs (CAAHEP) - on probation until submission of assessment system
- BA/BS programs in Electrical and Mechanical Engineering, in collaboration with the University of Maryland College Park: Accreditation Board for Engineering and Technology (ABET)
- BA/BS in Recreation and Parks Management: National Recreation and Park Association/American Association for Leisure and Recreation (NRPA/AALR)
- BA/BS in Social Work: Council on Social Work Education (CSWE)
- Teacher Education Programs: National Council for the Accreditation of Teacher Education (NCATE); also approved by the Maryland State Department of Education (MSDE) as consistent with the Maryland Redesign of Teacher Education

### Other Specialized Accreditors:

- MS in Counseling Psychology: Master's in Psychology Accreditation Council (MPAC)
- Counseling and Psychological Services: International Association of Counseling Services
- Brady Health Center: Accreditation Association for Ambulatory Health Care (AAAHC)

# The Academic Program

## Undergraduate Degree Requirements

### Bachelor of Science Degree

#### Change in Requirements:

9. Demonstration of technology fluency, defined as proficiency in the University-identified ten Basic Technology Skills, by completing one of the following:
  - a. Passing the Test of Basic Information Technology Skills (meets requirement but you do not earn credit).
  - b. Successfully completing COSC 100/110 with a grade of C or better.
  - c. Successfully completing other Frostburg State University courses that provide instruction in the basic technology skills with a grade of C or better. Courses approved for students following this catalog include:
    - ART 207 Graphic Design
    - COSC 101 The Discipline of Computer Science
    - EDUC 346, 447 & 448 Educational Technology Labs I, II and III (All three one-credit courses must be completed, each with a grade of C or better)
    - GEOG 275 Fundamentals of Geographic Data Handling
    - MUSC 103 Theory II
    - NURS 404 Nursing Informatics

*You must meet all prerequisites for the course(s) selected.*

## General Education Program (GEP)

### MODES OF INQUIRY

#### Change in Requirements

- **You may not count more than one course or option where there are alternatives listed (as designated by OR) to meet Modes of Inquiry requirements in Groups A,B,C,D and E.**
- E. The FSU Colloquia:** *Two courses (3-4 hours each) 6 hours*  
 IDIS150/151\* First-Year FSU Colloquium  
 or IDIS/SUST 155 Introduction to Sustainability Studies  
*(required; complete prior to earning 45 credit hours)*  
**and** select one course from:  
 IDIS 350/351\* Advanced FSU Colloquium *(complete after earning 45 credit hours)*  
**or** one additional Modes of Inquiry course from Groups A-D.

## Course Changes

(Drop/add/withdrawal)

**Policy is the same as listed on p. 39 of the 2009-2011 Undergraduate Catalog except replace the section on Missing the First Class Meeting (paragraph 2) with the following:**

You are responsible for dropping/adding courses/sections at all times. Failure to do so will result in a grade of FX in the course or section "dropped" and no credit in the course or section "added." However, if you are enrolled in a class and miss the first class meeting without notifying the instructor/department, the department chair at his/her discretion has the authority to drop you from the course if other students are waiting for space in the class. All other drops must be initiated by you.

## NC Grade

**Replaces description on p. 43, 2009-2011 Undergraduate Catalog:**

The grade NC (No Credit) is to be used at an instructor's option (instead of a grade of F) if you have put forth effort to master the content of the course but have not achieved at a level to warrant a grade above F. The NC grade may be used only if you have earned fewer than 60 credits at the end of the term preceding the term in which the NC is earned.

# Courses of Study

Students in the following programs should note the changes in anatomy and physiology courses in the course description section and substitute the new courses for the discontinued courses listed in your major or program:

- ATHLETIC TRAINING
- BIOLOGY
- BIOLOGY – PRE-HEALTH PROFESSIONS OPTION
- DENTAL HYGIENE PREPARATION
- EXERCISE & SPORT SCIENCE
- MEDICAL TECHNOLOGY PREPARATION
- MEDICINE, DENTISTRY, OPTOMETRY, VETERINARY MEDICINE PREPARATION
- NURSING – RN TO BSN COMPLETION
- NURSING PREPARATION
- OCCUPATIONAL THERAPY PREPARATION
- PHARMACY PREPARATION
- PHYSICAL THERAPY PREPARATION
- RECREATION AND PARKS MANAGEMENT – THERAPEUTIC RECREATION CONCENTRATION
- WILDLIFE AND FISHERIES

## Accounting

### Combined B.S. in Accounting/MBA Program

A 150-hour combined BS/MBA program enables eligible students to complete FSU's B.S. in Accounting and MBA degree programs with 150 hours of academic credit. Separate pursuit of these degrees would require a minimum of 156 hours of course work. All CPA exam candidates in Maryland are required to complete 150 hours of academic credit. Completion of this combined BS/MBA program will meet all educational requirements for CPA exam candidacy in Maryland. This program is available to students that have graduated or will be graduating from Frostburg State University with a bachelor's degree in accounting. Current undergraduate students should apply in the final semester of their senior year by March 15 for Fall and October 15 for Spring. Applications should be submitted to the Office of Graduate Services.

### Eligibility requirements for the combined BS in ACCT/MBA:

- a) declared accounting major at FSU or FSU accounting graduate,
- b) a minimum score of 400 on the GMAT (The GRE can be substituted for the GMAT and scores will be converted to equivalent GMAT scores based on percentile distributions. The GMAT/GRE can be waived if undergraduate GPA is 3.25 or higher (based on 4.0 scale) combined with a minimum of two years of relevant work experience,
- c) cumulative and major GPA of 2.5 or better at the time of application,
- d) application for admission to the 150-hour program must be approved by the Department of Accounting.

### Summary of Requirements for Combined BS/MBA Option

#### 1. Complete all requirements for baccalaureate degree in accounting.

See the FSU Undergraduate Catalog.

#### 2. Complete the following additional MBA courses: (30 hours)

BMIS 607	Information Management in Organizations	MGMT 542	Organizational Behavior
ECON 511	Economics for Managers	MGMT 620	Strategic Human Resource Management
FINA 610	Financial Management	MGMT 680	Strategic Integration
MGMT 510	Leadership Process	MGMT 690	Strategic Change Management
MGMT 512	Management Decision Analysis	MKTG 640	Marketing Management

# Addictions Counselor Preparation

## Professional Certification Program

### Certified Associate Counselor – Alcohol and Drug (CAC-AD):

#### Change in course number:

- 4. Abnormal Psychology PSYC 317
- 9. Human Life Span Development PSYC 208 or PSYC 210 and 212, SOWK 375

#### Addictions Counseling Certificate

**Required Courses** (*additional information*):  
 PSYC 150/151 General Psychology (*GEP Group D*)

# African American Studies

#### Add to the list of electives for the minor:

- AAST 425 History of African American Theatre
- PSYC 325 African American Psychology

# Dance

## Minor

MINOR	
Hours Required in Dance:	18
Hours Required in Other Disciplines:	5
<b>Total Hours Required:</b>	<b>23</b>

#### Coordinator:

See Chair, Department of Theatre and Dance

- You cannot major in Dance.

### Summary of Requirements for Minor in Dance

#### Minor

#### 1. Courses in Dance Technique: (9 hours)

- DANC 131 Ballet I
- DANC 142 Modern I
- DANC 154 Jazz I
- DANC 231 Ballet II
- DANC 242 Modern II
- DANC 254 Jazz II

#### 2. Courses in Dance Composition and Theory: (9 hours)

- DANC 110 Dance Appreciation (*GEP Group A*)
- Select a minimum of 6 hours from among:
- DANC 429 Special Topics in Dance (3 or 6 credits)
- DANC 255 Dance Company (3 or 6 credits)
- DANC 355 Dance Company (3 cr.)

#### 3. Required Courses in Other Disciplines: (5 hours)

- MUSC 101 Music Fundamentals
- THEA 110 Introduction to Acting



# Engineering

Beginning in fall 2010, the B.S. in Engineering (electrical engineering concentration) will be offered at the Anne Arundel Community College Regional Higher Education Center at Arundel Mills in collaboration with AACC. Students with an associate degree in engineering may complete the bachelor's degree through onsite, interactive video, and online courses offered at Arundel Mills.

## Change in Requirements for Major:

### 1. Core Courses (62 hours)

ADD	ENEE	114	Programming Concepts for Engineers
DELETE	ENEE	204	Basic Circuit Theory
DELETE	ENEE	206	Fund. Digital and Electric Circuits Lab

### 2. Area of Concentration

#### Electrical Engineering (26-32 hours)

PHYS	312	Electricity and Magnetism
ENEE	204	Basic Circuit Theory
ENEE	206	Fund. Digital and Electric Circuits Lab
ENEE	244	Digital Logic Design
ENEE	307	Electronic Circuits Lab
ENEE	350	Computer Organization
ENEE	439	Topics in Signal Processing
ENEE	475	Power Electronics

*Two electives from the approved list\**

No changes in other areas of concentration.

# Geography

## Concentration in Climate System Science

## Corrections in requirements that apply to the 2009 and 2010 catalogs:

### Climate System Science Concentration

Hours Required in Geography	50
Hours Required in Other Departments	6
<b>Total Hours Required</b>	<b>56</b>

### 6. Required Courses in Other Departments (6 hours)

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

MATH 220 Calculus for Applications

or MATH 236 Calculus I (*Core Skill 3*)

# Law and Society

## Change in requirements: Concentration In Criminal Justice

### 1. Required Core Courses (19 hrs)

- POSC 110/112 Intro to American Politics
- SOCI 100/111 Intro to Sociology
- PHIL 102 Contemporary Ethical Problems  
or PHIL 201 Ethics
- POSC 250 Research Methods  
or SOCI 311 Basic Research Methods
- POSC 422 American Constitutional Law I
- POSC 423 American Constitutional Law II
- POSC 489 Law & Society Capstone

### 2. Concentration in Criminal Justice (30 hrs)

#### A. Required Courses (18 hrs)

- CMST 102 Intro Human Communication  
or CMST 122 Public Speaking
- PHIL 304 Social Philosophy  
or PHIL 410 Philosophy Of Law
- POSC 324 Criminal Justice Systems
- SOCI 200 Social Problems  
or SOCI 203 Deviant Behavior
- SOCI 340 Criminology
- SOCI 443 The American Correctional System

### B. Elective Courses (12 hrs)

- Select any FOUR (4) of the following courses:
- POSC 321 American State & Local Politics
  - POSC 323 Public Administration
  - POSC 355 Public Budgeting
  - POSC 358 American Public Policy
  - POSC 455 Public Program Evaluation
  - PSYC 340 Forensic Psychology
  - PSYC 386 Drugs & Human Behavior
  - SOCI 305 Racial & Cultural Minorities
  - SOCI 442 Juvenile Delinquency
  - SPAN 101 Basic Elements Of Spanish I
  - SPAN 211 Spanish Grammar & Composition

### 3. Internship (Optional; 9 or 15 hours)

- POSC 492 Internship Seminar and
- POSC 495 Internship In Political Science

# Philosophy

## Change in requirements:

### Major

### 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

### 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.

# Psychology

## Major

## Minor

## Certificate in Child and Family Psychology

	MAJOR	MINOR
Hours Required in Psychology:	39	18
Hours Required in Other Departments:	7	0
<b>Total Hours Required:</b>	<b>46</b>	<b>18</b>

## Summary of Requirements for Major/Minor in Psychology

### Major

### Minor

#### Professors:

Bensley, Edwards, Herzog,  
Peterson (Chair), Southerly

#### Associate Professors:

Bradley, Redmond-Matz

#### Assistant Professors:

Bernhardt, J. Flinn, E. Kennedy,  
Murtagh

- 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.
- You will be able to complete the BS in psychology at the University System of Maryland at Hagerstown with coursework offered beginning fall 2010, pending approval of the Maryland Higher Education Commission. Contact the department chair for additional information.

#### 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

#### 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

#### 3. Courses in Core Areas: (12 hours)

*Select one course in each of four groups.*

##### GROUP A Biological Bases

PSYC 306 Sensation and Perception  
 PSYC 386 Drugs and Human Behavior  
 PSYC 420 Physiological Psychology  
 PSYC 430 Health Psychology

##### GROUP B Learning and Cognition

PSYC 345 Animal Learning and Cognition  
 PSYC 409 Human Learning and Cognition  
 PSYC 485 Behavioral Approaches to Human Problems

##### GROUP C Developmental Changes Across the Lifespan

PSYC 208 Introduction to Lifespan Development  
 PSYC 210 Child Development  
 PSYC 212 Adolescent and Adult Development

##### GROUP D Sociocultural

PSYC 314 Theories of Personality  
 PSYC 317 Abnormal Psychology  
 PSYC 318 Social Psychology

#### 4. Diverse Populations Courses: (3 hours)

*Select one of the following:*

PSYC 214 Introduction to Geropsychology  
 PSYC 220 Psychology of Women  
 PSYC 270 Psychological Perspectives of Human Sexuality  
 PSYC 325 African American Psychology  
 PSYC 404 Psychology of the Exceptional Child  
 PSYC 489 Abnormal Child Psychology

#### 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

#### 2. Courses in Core Areas: (12 hours.)

*Select one course in each of four groups.*

##### GROUP A Biological Bases

PSYC 306 Sensation and Perception  
 PSYC 386 Drugs and Human Behavior  
 PSYC 420 Physiological Psychology  
 PSYC 430 Health Psychology

##### GROUP B Learning and Cognition

PSYC 345 Animal Learning and Cognition  
 PSYC 409 Human Learning and Cognition  
 PSYC 485 Behavioral Approaches to Human Problems

##### GROUP C Developmental Changes Across the Lifespan

PSYC 208 Introduction to Lifespan Development  
 PSYC 210 Child Development  
 PSYC 212 Adolescent and Adult Development

##### GROUP D Sociocultural

PSYC 314 Theories of Personality  
 PSYC 317 Abnormal Psychology  
 PSYC 318 Social Psychology

**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 the Addictions Counselor Preparation (Professional Certification Program) and Addictions Counseling Certificate are listed under Addictions Counselor Preparation on page 8 of this supplement.**

---

## 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 Leadership in Psychology Certificate are listed on page 14 of this supplement.**

---

## 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 résumé 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).**

## Pre-professional Option Deleted

# Leadership in Psychology

## Certificate

---

### Change in requirements:

**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

**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*).

# Sustainability Studies

## Minor

### Contact:

Dean's Office, College of Liberal  
Arts and Sciences

MINOR

Total Hours Required:

21-23

## Summary of Requirements for Minor in Sustainability Studies

### Minor

#### 1. Core Courses: (6 hours)

SUST 155 Introduction to Sustainability Studies  
SUST 455 Seminar in Sustainability Studies

#### 2. Focus Courses: (6-8 hours)

Select one of the following pairs of courses:

CHEM 102 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 320 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 of the following groups. 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

BIOL/GEOG 465 Environmental Health

GEOG 335 Oceanography

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 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	309	World Environmental History
HIST	320	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.*



# New and Revised Course Descriptions

## African American Studies

### New course:

**AAST 425 History of African American Theatre 3 cr.**  
Study of the development of African American theatre from nineteenth century through present. Examination of representative forms, dramatists, theatre artists from across the United States with an awareness of the ways African American theatre interacts with various social, cultural and political concerns. Variable.

## Biology

### Delete:

**BIOL 201 Anatomy and Physiology I**

**BIOL 202 Anatomy and Physiology II**

**BIOL 327 Comparative Anatomy**

### New courses:

**BIOL 321 Anatomy and Physiology I 4 cr.**  
Structure and function of the human body. Includes its organization, the musculo-skeletal system and the nervous system. Two hrs. lecture and two 2-hr. labs. Fall. Not open to students who have credit for former BIOL 201. *Prerequisite: BIOL 149.*

**BIOL 322 Anatomy and Physiology II 4 cr.**  
Structure and function of the human body. Includes the endocrine, circulatory, respiratory, digestive, excretory and reproductive systems, and human development. Two hrs. lecture and two 2-hr. labs. Spring. Not open to students who have credit for former BIOL 202. *Prerequisite: BIOL 321 or permission of instructor.*

**BIOL 427 Comparative Anatomy 4 cr.**  
Emphasis on structural relationships among fish, amphibians, reptiles, birds and mammals based on the evolution and development of organ systems. Dissection of representative chordates. Two hrs. lecture, two 2-hr labs. Not open to students who have credit for former BIOL 327. Every semester. *Prerequisite: BIOL 150.*

## Dance

### Change in credit hours:

**DANC 142 Modern I 1 cr.**

### New courses:

**DANC 255 Dance Company I 3 cr.**  
Application of procedures in auditioning, learning choreography, rehearsals, and production of both individual and company dance pieces as a member of FSU Dance Company culminating in public performances. Participation in all rehearsals and performances required. Lecture/Lab. Repeatable for a maximum of 12 credits. Every semester. *Prerequisite: permission of instructor after formal audition.*

**DANC 355 Dance Company II 3 cr.**  
Application of procedures in auditioning, learning choreography, creating and teaching choreography, rehearsals, and production of both individual and company dance pieces as a member of FSU Dance Company culminating in public perfor-

mances. All students are required to compose, cast, teach, and rehearse their dance composition for public performance as part of the Dance Company Concert. Student choreographers are required to meet all deadlines established at the start of the course. Participation in all rehearsals and performances required. Lecture/Lab. Repeatable for a maximum of 12 credits. Every semester. *Prerequisite: Three credits of DANC 255 and permission of instructor after formal audition.*

## Engineering

### New courses:

**ENES 099 Introduction to Workshop and Machine Shop 1 cr.**  
General knowledge of the available resources required for upper level physics and engineering courses. Hands-on and demonstration activities. Strong emphasis on personal safety and procedures while using the department workshop and machine shop space and equipment. One hr. integrated lecture and lab. Fall.

**ENES 219 SolidWorks Essentials 1 cr.**  
Introduction to SolidWorks mechanical design automation software. Build parametric models of parts and assemblies; make drawings of those parts and assemblies. Fall.

**ENEE 435 Introduction to Wireless Sensor Networks 3 cr.**  
Background on networking, range of applications for WSN, various sensors, communication, protocol model, wireless transmission technology for WSN, concept of sensor motes, basic architectural elements, Medium Access Control Protocols, routing protocols, transport protocols, middleware and operating systems for WSN. Variable. *Prerequisites: Senior standing and completion of lower division courses in EE curriculum or permission of instructor.*

**ENME 425 Microfabrication 3 cr.**  
Overview of microfabrication technologies and the science of miniaturization. Microsensors, nanotechnology. Photolithography, dry etching, wet etching, chemical vapor deposition, and physical vapor deposition. Three hrs. integrated lecture and lab. Spring. *Prerequisite: Senior standing in engineering/natural science or permission of instructor.*

## Geography

### Change in offering schedule:

**GEOG 430 Surface Water Hydrology**  
Spring.

## Interdisciplinary Studies/ Sustainability Studies

### New courses:

#### IDIS/SUST 155 Introduction to Sustainability Studies 3 cr.

Introduction to sustainability as a field of study and a career. Consideration of environmental, economic, and social equity aspects of sustainable living. Group practicum project. Three hr. lecture, two Saturday group projects required. Every semester (beginning spring 2011). *GEP Group E.*

#### SUST 455 Seminar in Sustainability Studies 3 cr.

Exploration of environmental, economic, and social equity issues relating to sustainability. Individual seminar project. Group practicum project. Three hr. lecture, two Saturday group projects required. Spring semester, beginning Spring 2012.

## Leadership Studies

### Change in title, description and prerequisite:

#### LEAD 201 Leadership Theories and Practices 3 cr.

Examines traditional and contemporary leadership theories and their application to current leadership challenges. Fall.

### Change in course description and credits:

#### LEAD 499 Independent Study 1-4 cr.

Individualized learning experience on a specific leadership topic, culminating in a written paper. Prior to the semester of the project, the student must submit a preliminary proposal to the Coordinator of the Leadership Studies minor, who will assign a mutually agreeable instructor to supervise the student's project. Variable. Repeatable for maximum of 4 credits. *Prerequisite: Must be a declared Leadership Studies minor and seek Coordinator permission.*

## Marketing

### Change in course name and description:

#### MKTG 365 Professional Selling & Sales Management 3 cr.

Fundamentals of professional selling including the selling process from pre-approach to post-sale service. Emphasis both on the selling process and managing sales personnel, sales territories, and sales strategies. Fall. *Prerequisite: a grade of C or better in MKTG 361.*

## Nursing

### Change in prerequisite:

#### NURS 406 Leadership for Quality and Safety 3 cr.

*Prerequisite or co-requisite: MGMT 356.*

## Philosophy

### New courses:

#### PHIL 318 Skepticism and the Search for Truth 3 cr.

Investigation of fundamental issues concerning our ability to come to know the true nature of the world and the relation between our cognitive faculties and

this world. Consideration not only of traditional answers from historical and contemporary authors, but also recent work challenging the traditional approach itself, including work in feminist epistemology and non-objectivist conceptions of knowledge. Variable. *Recommended: 3 cr. in philosophy.*

#### PHIL 492 Internship Project in Philosophy 3 cr.

Academic component of internship experience; co-registration in PHIL 495 required. Mainly planning of the field experience, focusing on the philosophical/ethical issues associated with the work situation, and completion of a written report on the field experience. Graded A through F. Internship is optional and credit is not applicable toward the major or minor. Every semester and summer. *Prerequisites: junior or senior status, major in philosophy, and permission of department.*

#### PHIL 495 Internship in Philosophy 6-12 cr.

Guided work experience; co-registration in PHIL 492 required. Directly related to academic program and intended to enhance the student's ability to navigate her/his way into the global workplace. Graded P/F. Internship is optional and credit is not applicable toward the major or minor. Every semester and summer. *Prerequisites: junior or senior status, major in philosophy, and permission of department.*

## Physics

### Change in offering frequency and prerequisite:

#### PHYS 311 Thermodynamics 3 cr.

Fall, even-numbered years. *Prerequisite: PHYS 264.*

## Psychology

### Delete:

#### PSYC 305 Computer Applications in Psychology

#### PSYC 307 Experimental Analysis of Behavior

#### PSYC 311 Survey of Research Methods in Psychology

#### PSYC 444 The Male Experience

### Change in prerequisites:

*Prerequisite: PSYC 150/151 with a "C" or better for the following courses:*

#### PSYC 213 Psychology of Adjustment

#### PSYC 220 Psychology of Women

#### PSYC 250 Death and Dying

#### PSYC 270 Psychological Perspectives of Human Sexuality

#### PSYC 325 African American Psychology

#### PSYC 360 Industrial/Organizational Psychology

#### PSYC 386 Drugs and Human Behavior

#### PSYC 408 Tests and Measurements

#### PSYC 409 Human Learning and Cognition

#### PSYC 410 Introduction to Counseling

#### PSYC 450 Multicultural Counseling Issues

#### PSYC 485 Behavioral Approaches to Human Problems

#### PSYC 490 Special Topics in Psychology

#### PSYC 491 Seminar in Psychology

**Change in prerequisites:**

*Prerequisites: PSYC 150/151 with a "C" or better or permission of instructor for the following courses:*

**PSYC 385 Group Processes****PSYC 387 Addictions Treatment Delivery****PSYC 388 Treatment Issues and Theory in Addictions****PSYC 389 Ethics for the Addiction Counselor****PSYC 394 Learning Mentor in Psychology Field Experience**

*Prerequisites: PSYC 150/151 with a "C" or better; submission of application; departmental approval.*

**PSYC 420 Physiological Psychology**

*Prerequisites: PSYC 150/151 with a "C" or better. Recommend BIOL 109 or 149.*

**PSYC 440 Survey of Family Psych. & Intervention Issues**

*Prerequisites: PSYC 208 or 210 or 212 or permission of instructor.*

**PSYC 481 History and Systems of Psychology**

*Spring. Prerequisites: PSYC 150/151 with a "C" or better and at least 75 credits. Capstone.*

**PSYC 495 Internship in Psychology** 6 - 12 cr.

*Prerequisite: At least 75 credits; submission of Internship Agreement form to internship director prior to registering; departmental approval.*

**PSYC 499 Psychology Projects** 1-6 cr.

*Prerequisites: PSYC 150/151 with a "C" or better and a written proposal approved by the sponsoring faculty member and Department Chair.*

**New and revised courses:****PSYC 155 Critical Thinking and Scientific Inquiry** 3 cr.

Introduction to the theory and practice of critical thinking with a focus on how these relate to psychological and other scientific thinking. Related topics covered include creative thinking, problem solving, judgment, decision making, skeptical inquiry, and scientific thinking as they apply to behavior and mental processes. Every semester. *Prerequisites: PSYC 150/151 or permission of instructor.*

**PSYC 197 Introduction to the Profession of Psychology** 1 cr.

Explanation of the profession of psychology. Detailed examination of what it means to be a psychology major at FSU. Identification of opportunities available within the department and university. Preliminary examination of both career and graduate school opportunities available to psychology majors. Graded P/F. Every semester. Not open to students who have credit for former PSYC 297. *Prerequisites: PSYC 150/151 with a "C" or better and declared major in psychology, or permission of instructor. Recommended for Psychology Majors within the first 45 credits.*

**PSYC 201 Research Methods & Analysis I** 3 cr.

Introduction to the scientific method as applied to behavioral data. Naturalistic observation, surveys, and correlational studies; statistical topics. Should be taken immediately after completing PSYC 150/151. Every semester. Not open to students who have credit for former PSYC 300. *Prerequisite: PSYC 150/151.*

**PSYC 208 Introduction to Lifespan Development** 3 cr.

Survey of human development from conception to death, emphasizing biological, cognitive, and socio-emotional development. An overview for understanding how humans change across the lifespan. Less depth than PSYC 210 or PSYC 212. Variable. *Prerequisite: PSYC 150/151 with a "C" or better.*

**PSYC 210 Child Development** 3 cr.

Detailed review of the biological, cognitive, and socio-emotional aspects of development, from conception through childhood. More depth than PSYC 208. Every semester. *Prerequisite: PSYC 150/151 with a "C" or better.*

**PSYC 212 Adolescent and Adult Development** 3 cr.

Detailed review of the biological, cognitive, and socio-emotional aspects of development, from adolescence until maturity. More depth than PSYC 208. Every semester. *Prerequisite: PSYC 150/151 with a "C" or better.*

**PSYC 214 Intro to Geropsychology** 3 cr.

Study of older adult development (65+). Covers physical and psychological changes, developmental transition from middle adulthood, health and mental health care, cognitive change, caregiving, personality, work and adjustment to retirement, and changing relationships in older adulthood. Fall. *Prerequisite: PSYC 150/151 with a "C" or better.*

**PSYC 290 Psychological Issues and Practices** 1-4 cr.

A special content area or group of issues selected by the Department and announced in the preceding semester. Admission competitive. See the department for the criteria. Three hrs. seminar format. Repeatable for maximum of 9 credits if topics are substantially different. Variable. *Prerequisite: PSYC 150/151 with a "C" or better.*

**PSYC 301 Research Methods & Analysis II** 3 cr.

The nature of scientific method, explanation, and theory. Experimental and quasi-experimental design and statistical analysis. *Prerequisite: PSYC 201 with a "C" or better.*

**PSYC 303 Psychology of Couples** 3 cr.

The psychology of intimate relationships. Variable. *Prerequisite: PSYC 150/151 with a "C" or better or permission of instructor.*

**PSYC 306 Sensation and Perception** 3 cr.

Psychological and physiological approaches to the study of how information from the senses is processed, organized, and interpreted. Applied to understanding art and everyday experience. Spring and Intersession. *Prerequisite: PSYC 150/151 with a "C" or better.*

**PSYC 314 Theories of Personality** 3 cr.

General survey of the principal theories and research concerning the nature and development of personality. Fall. Not open to students with credit for former PSYC 414. *Prerequisites: PSYC 150/151 with a "C" or better. Recommend PSYC 208/210/212.*

**PSYC 317 Abnormal Psychology** 3 cr.

In-depth examination of psychological disorders. Relevant research and evidence-based treatment are discussed. Spring and Intersession. Not open to students with credit for former PSYC 417. *Prerequisite: PSYC 150/151 with a "C" or better. Recommended PSYC 208/210/212.*

**PSYC 318 Social Psychology** 3 cr.

Theories, methods and applications of social psychology. A survey of the social and interpersonal factors influencing an individual's behavior. Topics include attitudes, person perception, interpersonal relations, group dynamics, social roles and conformity. Fall. Not open to students with credit for former PSYC 418. *Prerequisite: PSYC 150/151 with a "C" or better.*

**PSYC 340 Forensic Psychology** 3cr.

Examination of the interaction between psychology and the law including eyewitness testimony, expert testimony, why criminals commit crimes, criminal profiling, psychology's role with the police, false memories, interrogations, the insanity defense, domestic violence, sexual abuse, discrimination and hate crimes, the death penalty, treatment of the criminal. Variable. *Prerequisite: PSYC 150/151 with a "C" or better.*

- PSYC 345 Animal Learning and Cognition** **3 cr.**  
Exploration of the cognitive abilities of nonhuman animals. Topics include classical and operant conditioning, memory, communication, social learning, and primate cognition. Fall. *Prerequisite: PSYC 150/151 with a C or better.*
- PSYC 397 Career Planning in Psychology** **2 cr.**  
Advanced exploration of the individual in choosing a career path in or related to psychology. Examine personal values, interests and skills; use a vocational inventory. Study resume or graduate application writing, job or graduate school search, and interview preparation. Graded P/F. Every semester. *Prerequisites: PSYC 197 and at least 45 credits or permission of instructor.*
- PSYC 404 Psychology of the Exceptional Child** **3 cr.**  
Developmental characteristics of exceptional children. Topics include attitudes towards exceptional children, pertinent laws, classroom management, and psychological treatment. Fall. *Prerequisites: PSYC 210 or 212, or permission of instructor.*
- PSYC 430 Health Psychology** **3 cr.**  
Scientific study of biopsychological processes related to health states. Includes prevention and treatment of illness, mind/body connection, influence of social and physical environments on our health, and health belief models. Behavioral components of health risk factors and improvement of the health care system are addressed. Course topics biologically based with introduction to applied perspectives. Variable. *Prerequisite: PSYC 150/151 with a "C" or better.*
- PSYC 445 Research Applications in Animal Behavior and Cognition** **3 cr.**  
Overview of research methods used to examine the behavior and cognitive abilities of nonhuman animals. Research projects designed to provide first-hand experience conducting behavioral research with animals. Spring. *Prerequisites: Submission of application, PSYC 345, and permission of instructor.*
- PSYC 470 Research Methods Applications** **3 cr.**  
Application of univariate and multivariate research methods and statistical procedures to analyze data from research projects in psychology and related fields. Instruction in computer data analysis and professional presentation to prepare students for work and graduate study. Fall. *Prerequisites: PSYC 301 with a "C" or better and at least 75 credits. Capstone.*
- PSYC 488 Environmental Psychology** **3 cr.**  
Influences of natural and human-built environments on human behavior and how humans influence environments. Personal space and crowding, environmental stressors, psychological aspects of sustainability. Natural, residential, urban, educational and workplace environments. Variable. *Prerequisites: PSYC 150/151 with a "C" or better.*
- PSYC 489 Abnormal Child Psychology** **3 cr.**  
In-depth examination of child/adolescent psychological disorders. Relevant research and evidence-based treatment are discussed. Fall. *Prerequisites: PSYC 208 or 210 or 212; at least 45 credits or permission of instructor.*
- PSYC 497 Senior Seminar** **3 cr.**  
An integrated senior-year experience. Requires students to use accumulated skills, knowledge, and ethical sensitivity to critically analyze a new and/or controversial issue in psychology. Integration of previous course material and reflections on one's own experiences expected. An integrative research paper/project required. Repeatable for maximum of 9 credits if topics are substantially different. Every semester. *Prerequisites: PSYC 150/151 with a "C" or better and at least 75 credits. Capstone.*