Psychology Major Requirements  
Catalog Year: 2013-14  
Degree: Bachelor of Science  
Credit Hours: 63+

“PR” indicates a pre-requisite. “CO” indicates a co-requisite.

Courses within this major may also satisfy general education requirements. Please consult http://registrar.cofc.edu/general-edu for more information.

Required Introductory Coursework

- PSYC 103  Introduction to Psychological Science (3) PR: None  
- PSYC 211**  Psychological Statistics (3) PR: PSYC 103  
- PSYC 220  Research Methods (3) PR: PSYC 103 and 211

Students may take PSYC 250 in lieu of PSYC 211 and 220.

- PSYC 250*  Psychological Statistics and Research Methods (6) PR: PSYC 103

**Note:** PSYC 250 is strongly recommended for students in the BS program; however, students may take PSYC 211 and PSYC 220 in lieu of PSYC 250. Students who have completed PSYC 250 may not receive credit for PSYC 211 and PSYC 220. Similarly, students who complete PSYC 211 or PSYC 220 may not receive credit for PSYC 250. **It is recommended that students take one or more mathematics courses prior to enrollment in PSYC 211 or PSYC 250.

Required Advanced Experimental Coursework

- PSYC 390  Research Design and Interpretation (3) PR: PSYC 103, 211 and 220. Students may take PSYC 250 in lieu of PSYC 211 and 220.

**Laboratory Requirement:** Select one course from the following:

- PSYC 460  Advanced Conditioning and Learning with Lab (3) PR: PSYC 103, 213, 211, 220 (or 250 in lieu of 211 and 220) and junior or senior status
- PSYC 462  Advanced Social Psychology with Lab (3) PR: PSYC 103, 223, 211, 220 (or 250 in lieu of 211 and 220) and junior or senior status
- PSYC 464  Advanced Behavioral Neuroscience with Lab (3) PR: PSYC 103, 214, 211, 220 (or 250 in lieu of 211 and 220) and junior or senior status
- PSYC 466  Advanced Sensation and Perception with Lab (3) PR: PSYC 103, 216, 211, 220 (or 250 in lieu of 211 and 220) and junior or senior status
- PSYC 468  Advanced Cognitive Psychology with Lab (3) PR: PSYC 103, 215, 211, 220 (or 250 in lieu of 211 and 220) and junior or senior status
- PSYC 469  Advanced Developmental Psychology with Lab (3) PR: PSYC 103, 224, 211, 220 (or 250 in lieu of 211 and 220) and junior or senior status

**Note:** Students may elect to enroll in more than the one required advanced lab from this cluster. Students completing additional courses from this cluster can apply these credit hours toward the elective hours required for the major.

**Select three courses totaling 9 credit hours from the following:**

- PSYC 213  Conditioning and Learning (3) PR: PSYC 103
- PSYC 214  Behavioral Neuroscience (3) PR: PSYC 103
- PSYC 215  Cognitive Psychology (3) PR: PSYC 103
- PSYC 216  Sensation and Perception (formerly PSYC 313) (3) PR: PSYC 103
Note: Students may elect to enroll in more than the required three courses from this cluster. Students completing additional courses from this cluster can apply these credit hours toward the elective hours required for the major.

Select three courses totaling 9 credit hours from the following:

☐ PSYC 221 Abnormal Psychology (formerly PSYC 307) (3) PR: PSYC 103
☐ PSYC 222 Psychology of Personality (formerly PSYC 308) (3) PR: PSYC 103
☐ PSYC 223 Social Psychology (formerly PSYC 310) (3) PR: PSYC 103
☐ PSYC 224 Lifespan Development (formerly PSYC 311) (3) PR: PSYC 103

Note: Students may elect to enroll in more than the required three courses from this cluster. Students completing additional courses from this cluster can apply these credit hours toward the elective hours required for the major.

Select five courses totaling 15 credit hours; 9 of these credit hours must be at 351-level or above:

☐ PSYC 315 Special Topics in Psychology I (3) PR: PSYC 103
☐ PSYC 318 Comparative Psychology (3) PR: PSYC 103
☐ PSYC 321 Industrial Psychology (3) PR: PSYC 103
☐ PSYC 329 Environmental Psychology (3) PR: PSYC 103
☐ PSYC 333 Health Psychology (3) PR: PSYC 103
☐ PSYC 334 Psychology of Stress (3) PR: PSYC 103
☐ PSYC 335 Positive Psychology: Optimizing Psychological Well-being (3) PR: PSYC 103
☐ PSYC 344 Psychology of Substance Abuse (formerly PSYC 388) (3) PR: PSYC 103 and 221 (formerly 307)
☐ PSYC 349 Psychology of Entrepreneurship (3) PR: MATH 104, or PSYC 211 or DSCI 232 and junior standing or instructor permission. Note: This course is cross-listed with MGMT 377. If a student has received credit for MGMT 377, the student may not receive credit for PSYC 349.
☐ PSYC 350 Psychology of Gender (3) PR: PSYC 103
☐ PSYC 351 Principles of Neurobiology (3) PR: PSYC 103, BIOL 111, 112, and BIOL 211 or PSYC 214, or instructor permission. Note: This course is cross-listed with BIOL 351. If a student has received credit for BIOL 351, the student may not receive credit for PSYC 351.
☐ PSYC 352 Neurobiology and Behavior (Cross-listed with BIOL 353) (3) PR: PSYC 103 and PSYC 214 or PSYC 216, or instructor permission. Note: This course is cross-listed with BIOL 353. If a student has received credit for BIOL 353, the student may not receive credit for PSYC 353.
☐ PSYC 353 Hormones and Behavior (Cross-listed with BIOL 353) (3) PR: PSYC 103 and PSYC 214 or PSYC 216, or instructor permission. Note: This course is cross-listed with BIOL 353. If a student has received credit for BIOL 353, the student may not receive credit for PSYC 353.
☐ PSYC 355 Sport Psychology (3) PR: PSYC 103, 211, 220 (or 250 in lieu of 211 and 220) or instructor permission. Note: This course is cross-listed with PEHD 355. If a student has received credit for PEHD 355, the student may not receive credit for PSYC 355.
☐ PSYC 356 Behavioral Genetics (3) PR: PSYC 103 and BIOL 111, or instructor permission.
☐ PSYC 358 Nonverbal Communication (formerly PSYC 340) (3) PR: PSYC 103, 211, 220 (or 250 in lieu of 211 and 220) or instructor permission
☐ PSYC 370 Tests and Measurements (3) PR: PSYC 103, 211, 220 (or 250 in lieu of 211 and 220)
☐ PSYC 372 Applied Behavior Analysis (3) PR: PSYC 103, 211, 213, 220 (or 250 in lieu of 211 and 220)
☐ PSYC 375 Topics in Child and Adolescent Development (3) PR: PSYC 103 and 224 (formerly 311), 211, 220 (or 250 in lieu of 211 and 220)
PSYC 376  Mass Media and Human Development (3) PR: PSYC 103 and 224 (formerly 311), 211, 220 (or 250 in lieu of 211 and 220)

PSYC 378  Psychology of Language (3) PR: PSYC 103 and 215, 211, 220 (or 250 in lieu of 211 and 220) or instructor permission

PSYC 386  Behavioral Pharmacology (3) PR: PSYC 103; PSYC 214 or BIOL/PSYC 351; PSYC 211 and 220 (or 250 in lieu of 211 and 220) or BIOL 211 and MATH 250; or instructor permission

PSYC 387  Neuropsychology (3) PR: PSYC 103; PSYC 214 or BIOL/PSYC 351; PSYC 211 and 220 (or 250 in lieu of 211 and 220) or BIOL 211 and MATH 250; or instructor permission

PSYC 389  Child Psychopathology (3) PR: PSYC 103, 221, 211, 220 (or 250 in lieu of 211 and 220)

PSYC 392  Scientific Foundations of Clinical Psychology (3) PR: PSYC 103, 221 (formerly 307), 211, 220 (or 250 in lieu of 211 and 220)

PSYC 394  History and Systems of Psychology (3) PR: PSYC 103, 211, 220 (or 250 in lieu of 211 and 220) and at least 12 additional credit hours in psychology

PSYC 397  Internship Experience (3) PR: This class is open to junior or senior psychology majors with an overall and major minimum GPA of 3.00. Students must have successfully completed the following courses before they are eligible to apply: PSYC 103, 213, 214, 215, 211 and 220 (or 250 in lieu of 211 and 220)

PSYC 404  Teaching Mentorship (3) PR: 103, 211, 220 (or 250 in lieu of 211 and 220) and open only to junior and senior PSYC majors with a minimum PSYC GPA of 3.00 or instructor permission

PSYC 410*  Special Topics in Psychology (1-4) PR: PSYC 103; PSYC 211 and 220 (or 250 in lieu of 211 and 220); declared psychology major or instructor permission for non-majors. (No more than 6 credit hours in special topics may be applied to meet the requirements for the major.)

PSYC 446  Special Topics in Neuroscience (3) PR: Junior or senior standing and instructor permission

PSYC 447  Seminar in Neuroscience (3) PR: BIOL/PSYC 351/352; CO: BIOL/PSYC 448 or instructor permission. Students engaged in independent research or a bachelor's essay will be given priority for enrollment.

PSYC 448  Bachelor's Essay in Neuroscience (6) PR: BIOL/PSYC 351 and 352; neuroscience program director permission, and department permission

PSYC 497  Tutorial (formerly PSYC 399) (3) PR: PSYC 103, 211 and 220 (or 250 in lieu of 211 and 220); junior or senior standing; tutor permission; and department chair permission

PSYC 498*  Independent Study (formerly PSYC 400) (1-3) PR: PSYC 103, 211 and 220 (or 250 in lieu of 211 and 220); Open to junior and senior psychology majors with the permission of a faculty member as supervisor and of the department chair. Formal written application stating the nature of the project and presenting evidence of sufficient background knowledge for the enterprise must be submitted prior to registration. Open only to students having a GPA of at least 3.00 in psychology courses. (No more than 6 credit hours in independent study may be applied toward the major.)

PSYC 499  Bachelor's Essay (6) PR: PSYC 103, 211 and 220 (or 250 in lieu of 211 and 220); Open to psychology majors with an overall GPA of at least 3.40; senior standing, tutor permission and approval of department chair. Formal written application stating the nature of the project and presenting evidence of sufficient background knowledge for the enterprise must be submitted prior to registration.

Note: *Independent Study/Special Topic limitations: A maximum of 6 credit hours of PSYC 498 may apply to the major requirements; a maximum of 6 credit hours of PSYC 410 may apply to major requirements.

Math Requirement Complete 7 credit hours.

☐ MATH 111  Pre-Calculus Mathematics (4) PR: Placement or a C- or better in MATH 101

OR

☐ MATH 120  Introductory Calculus (4) PR: Placement or a C- or better in MATH 111

AND

☐ MATH 250  Statistical Methods (3) PR: Either MATH 111, 120 or instructor permission
**Note:** Honors College mathematics courses will also fulfill the MATH 111 and 120 requirements as long as they are either calculus or have calculus as a pre-requisite. Higher-level calculus courses in Math may also be used to fulfill the calculus portion of the Psychology Math requirement.

**Science Requirement:** Select 8 credit hours of an introductory sequence or higher in biology, chemistry, or physics of which 2 credit hours must be earned in the accompanying laboratories:

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<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Notes</th>
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<tbody>
<tr>
<td>BIOL 101</td>
<td>Concepts and Applications in Biology I</td>
<td>(4) PR: None; CO: BIOL 101L</td>
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<tr>
<td>BIOL 101L</td>
<td>Concepts and Applications in Biology I Lab (0)</td>
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<tr>
<td>BIOL 102</td>
<td>Concepts and Applications in Biology II</td>
<td>(4) PR: BIOL 101 and 101 lab; CO: BIOL 102L</td>
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<td>BIOL 102L</td>
<td>Concepts and Applications in Biology II Lab (0)</td>
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<tr>
<td>BIOL 111</td>
<td>Introduction to Cell and Molecular Biology</td>
<td>(3) PR: None; CO: BIOL 111L</td>
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<td>BIOL 111L</td>
<td>Introduction to Cell and Molecular Biology Lab (1)</td>
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<tr>
<td>BIOL 112</td>
<td>Evolution, Form, and Function of Organisms</td>
<td>(3) PR: BIOL 111 and 111L; CO: BIOL 112L</td>
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<td>BIOL 112L</td>
<td>Evolution, Form, and Function of Organisms Lab (1)</td>
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<td>CHEM 101</td>
<td>General Chemistry</td>
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<td>CHEM 102</td>
<td>Organic and Biological Chemistry</td>
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<td>Organic and Biological Chemistry Lab (1)</td>
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<td>CHEM 111</td>
<td>Principles of Chemistry</td>
<td>(3) PR/CO: CHEM 111L; Unless students exempt MATH 111 (via diagnostic testing) or have completed this course as a pre-requisite, they are required to take MATH 111 as a corequisite.</td>
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<td>Principles of Chemistry Lab (1)</td>
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<td>CHEM 112</td>
<td>Principles of Chemistry</td>
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<td>Principles of Chemistry Lab (1)</td>
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<td>PHYS 101</td>
<td>Introductory Physics</td>
<td>(3) PR: None; CO or PR: PHYS 101L</td>
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<td>PHYS 102</td>
<td>Introductory Physics II</td>
<td>(3) PR: PHYS 101 or PHYS 111 or HONS 157; CO: PHYS 102L</td>
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<td>Introductory Physics Lab (1)CO: PHYS 102</td>
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<td>PHYS 111</td>
<td>General Physics I</td>
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**Note:** The above listed 8 credit hour natural science sequences are at the introductory level. Higher-level sequences (e.g., BIOL 201 and 202) taken at the College or transferred from another school may also satisfy this requirement.