Psychology Major Requirements
Catalog Year: 2013-14
Degree: Bachelor of Arts
Credit Hours: 47+

“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 Course
☐ PSYC 103 Introduction to Psychological Science (3) PR: None

Experimental Foundations
☐ PSYC 211* Psychological Statistics (3) PR: PSYC 103
☐ PSYC 220 Research Methods (3) PR: PSYC 103 and 211

Note: *It is recommended that students take one or more mathematics courses prior to enrollment in PSYC 211.

Select two courses totaling 6 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 two 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 two courses totaling 6 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 two 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 four courses totaling 12 credit hours; 6 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 (3) PR: BIOL/PSYC 351 or PSYC 214, or instructor permission. Note: This course is cross-listed with BIOL 352. If a student has received credit for BIOL 352, the student may not receive credit for PSYC 352.
PSYC 353  Hormones and Behavior (Cross-listed with BIOL 353) (3) PR: PSYC 103 and 214 or 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 390  Research Design and Interpretation PR: PSYC 103, 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 and permission of both the student’s major department and the neuroscience program director

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

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 department chair approval. 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: Select two MATH courses at the 104-level or above totaling at least 6 credit hours:

☐ ______________  ☐ ______________

Math 104  Introductory Statistics (3) PR: MATH 101 or placement
Math 105  Calculus for Business and the Social Sciences (3) PR: MATH 101 or placement
Math 111  Pre-Calculus Mathematics (4) PR: Placement or a C- or better in MATH 101
Math 120  Introductory Calculus (4) PR: Placement or a C- or better in MATH 111
Math 207  Discrete Structures I (3) PR: MATH 105, 111 or 120
Math 220  Calculus II (4) PR: MATH 120 or HONS 115
Math 250  Statistical Methods (3) PR: Either MATH 111, 120 or instructor permission

Note: For higher level MATH courses that can count for this requirement, please consult with the Psychology Department. MATH 140 does not count toward this requirement. Honors math courses may also fulfill this requirement as long as they are calculus courses or have calculus as a pre-requisite.

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:

☐ ______________  ☐ ______________ lab  ☐ ______________  ☐ ______________ lab
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Prerequisites/Co-requisites</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL 101</td>
<td>Concepts and Applications in Biology I</td>
<td>4 PR: None; CO: BIOL 101L</td>
</tr>
<tr>
<td>BIOL 101L</td>
<td>Concepts and Applications in Biology I Lab (0)</td>
<td></td>
</tr>
<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>
</tr>
<tr>
<td>BIOL 102L</td>
<td>Concepts and Applications in Biology II Lab (0)</td>
<td></td>
</tr>
<tr>
<td>BIOL 111</td>
<td>Introduction to Cell and Molecular Biology</td>
<td>3 PR: None; CO: BIOL 111L</td>
</tr>
<tr>
<td>BIOL 111L</td>
<td>Introduction to Cell and Molecular Biology Lab (1)</td>
<td></td>
</tr>
<tr>
<td>BIOL 112</td>
<td>Evolution, Form, and Function of Organisms</td>
<td>3 PR: BIOL 111 and 111L; CO: BIOL 112L</td>
</tr>
<tr>
<td>BIOL 112L</td>
<td>Evolution, Form, and Function of Organisms Lab (1)</td>
<td></td>
</tr>
<tr>
<td>CHEM 101</td>
<td>General Chemistry</td>
<td>3 PR: None; CO: CHEM 101L</td>
</tr>
<tr>
<td>CHEM 101L</td>
<td>General Chemistry Lab (1)</td>
<td></td>
</tr>
<tr>
<td>CHEM 102</td>
<td>Organic and Biological Chemistry</td>
<td>3 PR: CHEM 101 and 101L; CO: CHEM 102L</td>
</tr>
<tr>
<td>CHEM 102L</td>
<td>Organic and Biological Chemistry Lab (1)</td>
<td></td>
</tr>
<tr>
<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 co-requisite.</td>
</tr>
<tr>
<td>CHEM 111L</td>
<td>Principles of Chemistry Lab (1)</td>
<td></td>
</tr>
<tr>
<td>CHEM 112</td>
<td>Principles of Chemistry</td>
<td>3 PR: CHEM 111 and 111L</td>
</tr>
<tr>
<td>CHEM 112L</td>
<td>Principles of Chemistry Lab (1)</td>
<td></td>
</tr>
<tr>
<td>PHYS 101</td>
<td>Introductory Physics</td>
<td>3 PR: None; CO or PR: PHYS 101L</td>
</tr>
<tr>
<td>PHYS 101L</td>
<td>Introductory Physics Lab (1); CO: PHYS 101</td>
<td></td>
</tr>
<tr>
<td>PHYS 102</td>
<td>Introductory Physics II</td>
<td>3 PR: PHYS 101 or PHYS 111 or HONS 157; CO: PHYS 102L</td>
</tr>
<tr>
<td>PHYS 102L</td>
<td>Introductory Physics II Lab (1); CO: PHYS 102</td>
<td></td>
</tr>
<tr>
<td>PHYS 111</td>
<td>General Physics I</td>
<td>3 PR or CO: MATH 120 or equivalent or instructor permission; CO: PHYS 111L</td>
</tr>
<tr>
<td>PHYS 111L</td>
<td>General Physics I Lab (1)</td>
<td></td>
</tr>
<tr>
<td>PHYS 112</td>
<td>General Physics II</td>
<td>3 PR: PHYS 111 or HONS 157; CO or PR: MATH 220 or equivalent or instructor permission; CO: PHYS 112L</td>
</tr>
<tr>
<td>PHYS 112L</td>
<td>General Physics II Lab (1)</td>
<td></td>
</tr>
</tbody>
</table>

**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.