Psychology Major Requirements
Catalog Year: 2014-15
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 374  Sins of Memory (3)  PR: PSYC 103, 211, 215, 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 385  Cognitive Neuroscience (3)  PR: PSYC 214, PSYC 211 and 220 (or PSYC 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: PSYC103, 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 391  Foundations of Psychotherapy (3)  PR: PSYC 103, PSYC 211 and 220 (or 250 in lieu of 211 and 220); PSYC 221

PSYC 392  Scientific Foundations of Clinical Psychology (3)  PR: PSYC 103, 211, 220 (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 II (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 461  Advanced Personality Psychology with Lab (3) PR: PSYC 103, 211, 220 (or 250 in lieu of 211 and 220), 222 and junior or senior status

PSYC 462  Advanced Social Psychology with Lab (3) PR: PSYC 103, 211, 220 (or 250 in lieu of 211 and 220), 223 and junior or senior status

PSYC 464  Advanced Behavioral Neuroscience with Lab (3) PR: PSYC 103, 211, 214, 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, 211, 216, 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, 211, 215, 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, 211, 220 (or 250 in lieu of 211 and 220), 224 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: MATH 105 with a C- grade or better or MATH 111 or MATH 120 or permission of instructor
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

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<tr>
<th>Course</th>
<th>Title</th>
<th>Prerequisites</th>
<th>Corequisites</th>
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<tbody>
<tr>
<td>BIOL 101</td>
<td>Concepts and Applications in Biology I (4)</td>
<td>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 (4)</td>
<td>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 (3)</td>
<td>PR: None; CO: BIOL 111L</td>
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<td>Introduction to Cell and Molecular Biology Lab (1)</td>
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<td>BIOL 112</td>
<td>Evolution, Form, and Function of Organisms (3)</td>
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<td>BIOL 112L</td>
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<tr>
<td>CHEM 101</td>
<td>General Chemistry (3)</td>
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<td>General Chemistry Lab (1)</td>
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<td>CHEM 102</td>
<td>Organic and Biological Chemistry (3)</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 (3)</td>
<td>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>
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<td>Principles of Chemistry Lab (1)</td>
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<td>PHYS 101</td>
<td>Introductory Physics (3)</td>
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<td>PHYS 102</td>
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<td>PHYS 111</td>
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<td>PHYS 112</td>
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<td>PHYS 112L</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.