

Bachelor of Science in Psychology
Checklist for PSYCHOLOGY MAJORS with NEUROSCIENCE AREA OF EMPHASIS
Declared FALL 2008 OR LATER

CORE (*Areas I-VI are 1000 and 2000 level courses only*)

AREA I: Foundation Courses (9 hours)

- _____ ENGL 1101 (3 hours)
- _____ ENGL 1102 (3 hours)
- _____ MATH 1113 (3 hours)

AREA II: Sciences (7-8 hours)

With Labs

_____ Life Science (Biological, 4 hours); *Students interested in pursuing the neuroscience concentration MUST take BIOL 1107L*

_____ Physical Science (3-4 hours); *Students interested in pursuing the neuroscience concentration MUST take CHEM 1211L*

AREA III: Quantitative Reasoning (3-4 hours)

With Labs

- _____ MATH 2250

AREA IV: World Languages & Culture, Humanities and the Arts (12 hours)

World Languages and Cultures

- _____ Course 1 (3-4 hours)
- _____ Course 2 (3-4 hours)
- _____ Course 3 (3-4 hours)

Humanities and the Arts

- _____ Course 1 (3 hours)

AREA V: Social Sciences (9 hours)

- _____ PSYC 1101 (3 hours)
- _____ POLS 1101 (3 hours)
- _____ HIST 2111 or 2112 (3 hours)

AREA VI: Psychology Major Related (18 hours)

- _____ PSYC 1101 (can also count in Area V)
- _____ BIOL 1107L / 1108L (1107L can also count in Area II)
- _____ MATH 2250 (can also count in Area III)
- _____ Physical science (select from CHEM 1212L, PHYS; CHEM1212L can also count in Area II); *Note, some upper level electives relevant to the neuroscience concentration require CHEM 1212L*

General Electives (31-32 hours; 17 hours of upper level [3000+]; 9 hours in a biological science)

CHEM 2211L and CHEM 2212L are recommended lower level electives

BIOL 3100 is a recommended upper-level elective

Other Requirements

- _____ Physical Education
- _____ History: American and Georgia requirement
- _____ Constitutions: Federal and Georgia requirement

- _____ Environmental Literacy
 - _____ Multicultural requirement
 - _____ Literature
 - _____ Foreign Languages
 - _____ Fine arts, philosophy or religion (2 courses)
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PSYCHOLOGY MAJOR REQUIREMENTS, NEUROSCIENCE CONCENTRATION

Methods (7 hours)

- _____ PSYC 3980 (3 hours) Research Design in Psychology
- _____ PSYC 3990 (4 hours) Research Analysis in Psychology

Group A - Biological Psychology Courses (9 hours)

Choose 3 courses from the following, OR 2 courses from the following and one concentration-related elective from the list below:

- PSYC 4100 Cognitive Psychology
- PSYC 4120 Sensation and Perception
- PSYC 4130 Physiological and Comparative Psychology
- PSYC 4140 Cognitive Neuroscience
- PSYC 4150 Biological Foundations of Health Psychology

- _____ Course 1 (3 hours)
- _____ Course 2 (3 hours)
- _____ Course 3 or Elective (3 hours)

Group B - Social, Developmental and Applied Courses (3 hours)

Choose 1 course from the following:

- PSYC 4200 Social Psychology
- PSYC 4210 Psychological Testing
- PSYC 4220 Developmental Psychology
- PSYC 4230 Psychology of the Workplace
- PSYC 4240 Psychopathology (students may not receive credit for both 4240 AND 3230, *Abnormal*)

- _____ Course 1 (3 hours)

Advanced Laboratory or Seminar (3 hours from one of the following options, selections subject to departmental approval)

- _____ PSYC 4300 (3 hours) Psychology Laboratory
- _____ PSYC 4330 (3 hours) Physiological Psychology Laboratory
- _____ PSYC 5850 (3 hours) Psychopharmacology – Drugs and Behavior
- _____ PSYC 5000+ (3 hours)

Concentration-Related Electives

Select two courses from the following list: (Note that these classes can also be used to fill the 9-hour biological sciences general elective requirement)

- FDNS 3000 Human Nutrition for Health Professionals (3 hours)
- GENE/BIOL 3000 Evolutionary Biology (*NOTE: BIOL1108/L is pre-requisite*) (4 hours)
- CBIO 3000L Comparative Vertebrate Anatomy (4 hours)
- BIOL/PBIO/CRSS 3020 Genomic Biology (3 hours)
- BIOL/BCMB/CHEM 3100 Introductory Biochemistry and Molecular Biology (3 hours)
- BIOL 3110L Basic Laboratory Skills (4 hours)
- GENE 3200 Genetics (*NOTE: This course requires additional pre-requisites, such as CHEM 2211 AND CHEM 2212, which are recommended lower-level electives*) (3 hours)

CBIO/BIOL 3300	Developmental Biology (<i>NOTE: BIOL 3100, a recommended upper-level elective, satisfies the pre-requisite</i>) (3 hours)
CBIO 3400	Cellular Biology (<i>NOTE: This course requires additional pre-requisites, such as CHEM 2211 AND CHEM 2212, which are recommended lower-level electives, as well as BIOL 3100, a recommended upper-level elective, and GENE 3200</i>) (4 hours)
BCMB/GENE 3433	Biology for Medicine (3 hours)
BIOL/WILD 3700	Animal Behavior (3 hours)
CBIO 3710	Principles of Physiology (3 hours)
BIOL/CBIO 3800	Neurobiology (3 hours)
BIOL/CBIO 3800L	Neurobiology Laboratory (2 hours)
PSYC 3810	Health Psychology (3 hours)
GRNT 4010	Biogerontology (3 hours)
GENE 4050	Behavior Genetics (3 hours)
BCMB 4120	Human Biochemistry and Disease (<i>NOTE: BIOL 3100, a recommended upper-level elective, is a pre-requisite</i>) (3 hours)
BCMB 4130	Mechanisms of Human Disease (<i>NOTE: BIOL 3100, a recommended upper-level elective, is a pre-requisite</i>) (3 hours)
CBIO 4200	Biomedical Research in Health and Disease (<i>NOTE: BIOL 3100, a recommended upper-level elective, is a pre-requisite</i>) (3 hours)
CBIO 4340	Biology of Aging (<i>NOTE: BIOL 3100, a recommended upper-level elective, is a pre-requisite</i>) (3 hours)
BIOL 4960	Undergraduate Research in Biology (4 hours)
CBIO 4730	Endocrinology (3 hours)
Other Biological Psychology courses listed above	(3 hours)