

DEPARTMENT OF PSYCHOLOGY

Add new courses:

PSYC 396 – Internship in Psychology

3 Credit Hours

Field experience in community-based settings where students integrate and apply knowledge from psychology coursework in a professional setting.

Repeatability: May be repeated. Maximum 6 hours.

(RE) Prerequisite(s): 110 or 117.

PSYC 396N – Internship in Psychology

3 Credit Hours

Field experience in community-based settings where students integrate and apply knowledge from psychology coursework in a professional setting.

Repeatability: May be repeated. Maximum 6 hours.

(RE) Prerequisite(s): 110 or 117.

PSYC 484 – Sleep and Dreaming

Exploration of the biological, personal, and societal relevance of sleep. Topics spanning a cellular-level understanding of how sleep and dreams are generated by the brain to the effects of sleep disruption on both personal and public health and safety.

Revise title and add description:

PSYC 491 – Special Topics in Psychology-Study Abroad

Intensive analysis of special topics (e.g., the Self, Multicultural Psychology) taught in a Study Abroad context.

Repeatability: May be repeated. Maximum 15 hours.

(RE) Prerequisite(s): 110 or 117.

Revise credit hours:

PSYC 596 – Laboratory in Psychological Assessment

1 Credit Hour

(Formerly: 2 Credit Hours)

Revise credit hours and description:

PSYC 598 – Ethical Issues in Professional Psychology

1 Credit Hour

Ethical, legal and professional issues in the conduct and process of science and practice in psychology.

Registration Permission: Consent of instructor.

Formerly:

PSYC 598 – Ethical Issues in Professional Psychology

3 Credit Hours

Conceptual and practical applications in human services and research.

Registration Permission: Consent of instructor.

Revise title:

PSYC 645 – Seminar on Supervision, Professional Development, Internship, and Ethical Conduct

1 Credit Hours

Formerly: Advanced Professional Issues in Clinical Psychology: Supervision and Career Development

Psychology Major, BA, Major Requirements, Core Courses (21 Hours), 7. Individual Differences and Human Diversity, Select one course, add course to list:

PSYC 491 – Special Topics in Psychology – Study Abroad

Add new major housed in Psychology:

Neuroscience Major, BS

College Requirements

Arts and Sciences

Prerequisites

A minimum grade of C must be earned in each prerequisite.

Select one sequence:

BIOL 150 - Organismal and Ecological Biology

BIOL 160 - Cellular and Molecular Biology

BIOL 159 - Skills of Biological Investigation

BIOL 158 - Honors: Organismal and Ecological Biology

BIOL 168 - Honors: Cellular and Molecular Biology

BIOL 167 - Honors: Skills of Biological Investigation

Complete:

BIOL 240 - General Genetics

CHEM 120 - General Chemistry I

CHEM 130 - General Chemistry II

PHYS 221 - Elements of Physics

PHYS 222 - Elements of Physics

PSYC 110 - General Psychology

Select one sequence:

MATH 125 - Basic Calculus

STAT 201 - Introduction to Statistics

MATH 141 - Calculus I

MATH 142 - Calculus II

MATH 151 - Mathematics for the Life Sciences I

MATH 152 - Mathematics for the Life Sciences II

Neuroscience Concentration

The concentration consists of 32 hours. Some courses may require prerequisites or corequisites that are not part of the neuroscience concentration.

I. Neuroscience Core

Complete 15 hours:

BCMB 311 - Advanced Cellular Biology

BCMB 415 - Foundations in Neurobiology

INPG 200 - Introductory Interdisciplinary Topics (one offering for 1 hour)

INPG 400 - Advanced Interdisciplinary Topics (one offering for 1 hour)

INPG 499 - Senior Portfolio (one offering for 1 hour)

PHIL 345 - Bioethics

PSYC 301 - Foundations of Behavioral Neuroscience

II. Laboratory Experience

Complete a minimum of 2 hours

Credit Restriction: Any combination of 3 hours of the following courses may be used in the major.

BCMB 403 - Neurogenetics Laboratory

BCMB 416 - Neurobiology Laboratory

BCMB 452 - Independent Research in Biochemistry & Cellular and Molecular Biology

COSC 493 - Independent Study

EEB 400 - Undergraduate Research

EEB 459 - Comparative Animal Behavior Laboratory

INPG 492 – Off-Campus Study

MSE 494 - Special Project Laboratory

PSYC 489 - Supervised Research

III. Remaining Hours:

Complete 15 hours:

AUSP 302 - Acoustics and Perception
AUSP 303 - Introduction to Hearing Science
AUSP 306 - Anatomy and Physiology of Speech
BCMB 401 – Biochemistry I
BCMB 412 - Molecular Biology and Genomics
BCMB 423 - Neural Basis of Behavior
BME 480 - Computational Cell Biology
COSC 420 - Biologically-Inspired Computation
ECE 471 - Introduction to Pattern Recognition
EEB 450 - Comparative Animal Behavior
EEB 454 - Animal Communication
INPG 493 – Independent Study (Maximum 6 hours may be applied toward the Neuroscience major)
JREM 450 - Writing about Science and Medicine
MSE 485 - Advanced Biomaterials: Biological Application of Nanomaterials
MSE 486 - Cell and Tissue-Biomaterials Interaction
PHIL 373 - Philosophy of Mind
PSYC 301 - Foundations of Behavioral Neuroscience
PSYC 310 - Learning and Thinking
PSYC 314 - Cognitive Basis of Behavior
PSYC 320 - Motivation
PSYC 330 - Abnormal Psychology
PSYC 370 - Evolutionary Psychology and Ethology
PSYC 400 - Advanced Cognitive Psychology *
PSYC 410 - Sensory Processes and Perception
PSYC 432 - Childhood Psychopathologies
PSYC 461 - Behavioral Neuroscience
PSYC 464 - Drugs and Behavior

Honors Concentration – Neuroscience

Neuroscience students may elect to pursue the Honors Neuroscience Concentration by submitting an Honors Neuroscience application to the Neuroscience Program chair. Students pursuing the Honors Neuroscience Concentration must complete an honors thesis under the guidance of a faculty member, and this faculty member must endorse a student's application to the Honors Neuroscience program.

The degree requirements for the Honors Neuroscience Concentration are those for the regular Neuroscience Concentration with the following modifications:

Before applying to the Honors Neuroscience program, students must complete BIOL 15*, BIOL 159, BIOL 160, and PSYC 110 with an overall GPA of 3.5 or higher in these four courses.

Before applying to the Honors Neuroscience program, students must have an overall GPA of 3.25 or higher. Students must have an overall GPA of 3.25 or higher at graduation.

12 hours of courses drawn from the Neuroscience Core (Roman Numeral I) and/or Electives (Roman Numeral III) must be completed as Honors-by-contract courses, and a grade of B or higher must be

earned in courses used to satisfy this requirement. As part of the Honors Program application, students will be asked to identify the courses that they intend to complete as Honors-by-contract courses.

1 hour of INPG 497 must be completed with a grade of B or higher. This course may be applied to the Neuroscience Laboratory Experience (Roman Numeral II). Students complete this course by completing an honors thesis that is approved by a faculty mentor. The approved honors thesis must be submitted to the Program Chair no later than the first day of finals week of the semester of intended graduation.

Add new minor housed in Psychology:

Neuroscience Minor

Minor Requirements:

The Neuroscience minor consists of 20 hours.

I. Complete:

BCMB 415 - Foundations in Neurobiology

INPG 200 - Introductory Interdisciplinary Topics (one offering for 1 hour)

INPG 400 - Advanced Interdisciplinary Topics (one offering for 1 hour)

II. Select 15 hours:

Credit Restriction: Any combination of 3 hours of the following may be used in the minor: BCMB 416, BCMB 452, COSC 493, EEB 400, EEB 459, INPG 492, MSE 494, PSYC 489

AUSP 302 - Acoustics and Perception

AUSP 303 - Introduction to Hearing Science

AUSP 306 - Anatomy and Physiology of Speech

BCMB 401 – Biochemistry I

BCMB 416 - Neurobiology Laboratory

BCMB 423 - Neural Basis of Behavior

BCMB 452 - Independent Research in Biochemistry & Cellular and Molecular Biology

BME 480 - Computational Cell Biology

COSC 420 - Biologically-Inspired Computation

COSC 493 - Independent Study

ECE 471 - Introduction to Pattern Recognition

EEB 400 - Undergraduate Research

EEB 450 - Comparative Animal Behavior

EEB 454 - Animal Communication

EEB 459 - Comparative Animal Behavior Laboratory

INPG 492 – Off-Campus Study

INPG 493 - Independent Study (Maximum 6 hours may be applied toward the Neuroscience minor)

MSE 485 - Advanced Biomaterials: Biological Application of Nanomaterials

MSE 486 - Cell and Tissue-Biomaterials Interaction

MSE 494 - Special Project Laboratory

PHIL 373 - Philosophy of Mind
PSYC 301 - Foundations of Behavioral Neuroscience
PSYC 310 - Learning and Thinking
PSYC 314 - Cognitive Basis of Behavior
PSYC 320 - Motivation
PSYC 370 - Evolutionary Psychology and Ethology
PSYC 400 - Advanced Cognitive Psychology *
PSYC 461 - Behavioral Neuroscience
PSYC 464 - Drugs and Behavior
PSYC 489 - Supervised Research