

# PSYCHOLOGY, BACHELOR OF SCIENCE

## Requirements

The psychology major requires 35 psychology credits, 27 credits of which must be upper-division. There are additional B.S. requirements, as detailed below.

Code	Title	Credits
<b>Core Courses</b> <sup>1</sup>		
PSYC 1010	INTRODUCTION TO PSYCHOLOGY I	3
PSYC 1020	INTRODUCTION TO PSYCHOLOGY II	4
PSYC 2000	CAREERS IN PSYCHOLOGY	1
PSYC 3130	STATISTICS FOR THE BEHAVIORAL SCIENCES	3
PSYC 3140	METHODS OF PSYCHOLOGICAL INQUIRY	3

### Psychology Distribution Requirements

Select four courses from the Psychology Distribution Areas as outlined below. 12

### Upper-Level Psychology Laboratory Courses

Select one of the following: 3

PSYC 4024	LABORATORY IN PSYCHOLOGY: LEARNING	
PSYC 4074	LABORATORY IN PSYCHOLOGY: COGNITION	
PSYC 4214	LABORATORY IN PSYCHOLOGY: SENSATION AND PERCEPTION	
PSYC 4234	LABORATORY IN PSYCHOLOGY: BEHAVIORAL NEUROSCIENCE	
PSYC/BIO 4280	ANIMAL BEHAVIOR LABORATORY	
PSYC 4544	LABORATORY IN DEVELOPMENTAL PSYCHOLOGY	
PSYC 4990	SENIOR THESIS <sup>2</sup>	

### Upper-Level Psychology Electives

Two additional 3-credit hour 3000- or 4000-level Psychology courses are required. These may be selected from the Psychology Distribution Requirements, the Labs, or any other 3000- or 4000- level Psychology courses offered. 6

### Additional B.S. Requirements (Cognate)

Calculus - Select one of the following: 5

MATH 1930	CALCULUS FOR THE MANAGERIAL, LIFE, AND SOCIAL SCIENCES	
MATH 1940	CALCULUS FOR BIOMEDICINE	
MATH 1950	CALCULUS I	

Social Sciences - Select two 3-credit hour courses in Anthropology or two 3- credit hour courses in Sociology.<sup>3</sup> 6

Natural Sciences - Select one of the following options:<sup>4</sup> 7-10

Option 1:

BIOL 1450 & BIOL 1750	BIOLOGY I and BIOLOGY II	
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Option 2:

BIOL 2740 & BIOL 2840	HUMAN PHYSIOLOGY AND ANATOMY I and HUMAN PHYSIOLOGY AND ANATOMY II	
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Option 3:

BIOL 2140 & BIOL 3020	GENETICS and MOLECULAR BIOLOGY OF THE CELL	
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Option 4:

BMCH 2400 & BMCH 2500	HUMAN PHYSIOLOGY & ANATOMY I and HUMAN PHYSIOLOGY AND ANATOMY II	8
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Option 5:

PHYS 1110 & PHYS 1154	GENERAL PHYSICS I WITH ALGEBRA and GENERAL PHYSICS LABORATORY I	
PHYS 1120 & PHYS 1164	GENERAL PHYSICS and GENERAL PHYSICS LABORATORY II	

Option 6:

CHEM 1140 & CHEM 1144	FUNDAMENTALS OF COLLEGE CHEMISTRY and FUNDAMENTALS OF COLLEGE CHEMISTRY LABORATORY	
CHEM 2210 & CHEM 2214	FUNDAMENTALS OF ORGANIC CHEMISTRY and FUNDAMENTALS OF ORGANIC CHEMISTRY LABORATORY	

Total Credits 61-64

<sup>1</sup> These five courses should be taken early in the student's degree program. Concepts learned in these courses will benefit the student in upper-level Psychology classes.

<sup>2</sup> PSYC 4990 –Senior Thesis Part II: Data Analysis, Interpretations and Conclusions. Requires special permission from a faculty member and the student must meet the Psychology Senior Thesis criteria.

<sup>3</sup> Except SOC 2130, SOC 3450, and any course cross-listed in Psychology.

<sup>4</sup> Additional Natural Science sequences may be accepted with permission of the Department Chair.

## Psychology Distribution Areas

Four courses (12 credit hours) are required, one course (3 credit hours) each from four of the following five areas.

### Applied Psychology

Code	Title	Credits
PSYC 3510	EDUCATIONAL PSYCHOLOGY	3
PSYC 4020	LEARNING	3
PSYC 4310	PSYCHOLOGICAL AND EDUCATIONAL TST	3
PSYC 4510	PSYCHOLOGY IN THE SCHOOLS	3
PSYC 4560	FORENSIC PSYCHOLOGY	3
PSYC 4610	HUMAN FACTORS ENGINEERING	3
PSYC 4630	ORGANIZATIONAL PSYCHOLOGY	3
PSYC 4640	PERSONNEL PSYCHOLOGY	3

### Social/Personality/Developmental Psychology

Code	Title	Credits
PSYC/SOC 3450	SOCIAL PSYCHOLOGY	3
PSYC 3520	CHILD PSYCHOLOGY	3
PSYC 3540	ADOLESCENT PSYCHOLOGY	3
PSYC 4450	PERSONALITY THEORIES	3

### Mental Health

Code	Title	Credits
PSYC 3410	CLINICAL PSYCHOLOGY	3
PSYC 3430	PERSONALITY AND ADJUSTMENT	3
PSYC 4440	ABNORMAL PSYCHOLOGY	3
PSYC 4590	PSYCHOLOGY OF EXCEPTIONAL CHILDREN	3

PSYC 4800	LAW & PSYCHOLOGY: ETHICS, RESEARCH & SERVICE	3
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**Cognitive/Neuroscience**

Code	Title	Credits
PSYC 4070	COGNITIVE PSYCHOLOGY	3
PSYC 4090	COGNITIVE NEUROSCIENCE	3
PSYC 4210	SENSATION AND PERCEPTION	3
PSYC 4230	BEHAVIORAL NEUROSCIENCE	3
PSYC/BIOL 4270	ANIMAL BEHAVIOR	3
PSYC/BIOL 4320	HORMONES & BEHAVIOR	3
PSYC 4520	PSYCHOLINGUISTICS	3

**Additional Perspectives**

Code	Title	Credits
PSYC 4010	HISTORY OF PSYCHOLOGY	3
PSYC/PSCI 4110	POLITICAL PSYCHOLOGY	3
PSYC 4250/PHIL 3250	LIMITS OF CONSCIOUSNESS	3
PSYC 4960	INDEPENDENT STUDY IN PSYCHOLOGY <sup>1</sup>	1-6
PSYC 4990	SENIOR THESIS <sup>2</sup>	3
PHIL 3650	PHILOSOPHY OF MIND	3

<sup>1</sup> PSYC 4960 requires special permission from a faculty mentor, approval of the UPC, and a final paper, project or conference presentation.

<sup>2</sup> PSYC 4990–Senior Thesis Part I: Thesis Proposal (**3 credit hours**). Requires special permission from a faculty member and the student must meet the Psychology Senior Thesis criteria.

**Optional Concentrations**

Psychology majors may declare a concentration in any one of the following seven areas. Each concentration is a minimum of 12 credit hours. A concentration is optional, and only one concentration may be declared. The concentration will be noted on the student's transcript.

**Concentration in Cognitive Science**

Code	Title	Credits
PSYC 4070 or PSYC 4090	COGNITIVE PSYCHOLOGY COGNITIVE NEUROSCIENCE	3
Select three of the following:		9
PSYC 4210	SENSATION AND PERCEPTION	
PSYC 4230	BEHAVIORAL NEUROSCIENCE	
PSYC 4250/ PHIL 3250	LIMITS OF CONSCIOUSNESS	
PSYC 4520	PSYCHOLINGUISTICS	
PHIL 3610	PHILOSOPHY OF LANGUAGE	
PHIL 3650	PHILOSOPHY OF MIND	
ENGL 3610	INTRODUCTION TO LINGUISTICS	
Total Credits		12

**Concentration in Developmental Psychology**

Code	Title	Credits
PSYC 3520	CHILD PSYCHOLOGY	3
PSYC 3540	ADOLESCENT PSYCHOLOGY	3
Select two of the following:		6
PSYC 2500	LIFESPAN PSYCHOLOGY	
PSYC 3510	EDUCATIONAL PSYCHOLOGY	
PSYC 4090	COGNITIVE NEUROSCIENCE	
PSYC 4230	BEHAVIORAL NEUROSCIENCE	
PSYC 4520	PSYCHOLINGUISTICS	

PSYC 4544	LABORATORY IN DEVELOPMENTAL PSYCHOLOGY	
PSYC 4590	PSYCHOLOGY OF EXCEPTIONAL CHILDREN	
PSYC 4920	SPECIAL TOPICS IN PSYCHOLOGY (Developmental Psychology topic)	
PSYC 4960	INDEPENDENT STUDY IN PSYCHOLOGY (Developmental Psychology topic)	
PSYC 4990	SENIOR THESIS (Developmental Psychology topic)	
Total Credits		12

**Concentration in Forensic Psychology**

Code	Title	Credits
PSYC 4800	LAW & PSYCHOLOGY: ETHICS, RESEARCH & SERVICE	3
PSYC 4560	FORENSIC PSYCHOLOGY	3
Select two of the following:		6
PSYC/SOC 3450	SOCIAL PSYCHOLOGY	
PSYC 4440	ABNORMAL PSYCHOLOGY	
Total Credits		12

**Concentration in Industrial/Organizational Psychology**

Code	Title	Credits
PSYC 4630	ORGANIZATIONAL PSYCHOLOGY	3
PSYC 4640	PERSONNEL PSYCHOLOGY	3
Select two of the following:		6
PSYC 3540/ SOC 3450	ADOLESCENT PSYCHOLOGY	
PSYC 4070	COGNITIVE PSYCHOLOGY	
PSYC 4310	PSYCHOLOGICAL AND EDUCATIONAL TST	
PSYC 4610	HUMAN FACTORS ENGINEERING	
PSYC 4920	SPECIAL TOPICS IN PSYCHOLOGY (Industrial/Organizational Psychology topic)	
PSYC 4960	INDEPENDENT STUDY IN PSYCHOLOGY (Industrial/Organizational Psychology topic)	
PSYC 4990	SENIOR THESIS (Industrial/Organizational Psychology topic)	
Total Credits		12

**Concentration in Mental Health**

Code	Title	Credits
PSYC 3410	CLINICAL PSYCHOLOGY	3
PSYC 4440	ABNORMAL PSYCHOLOGY	3
Select two of the following:		6
PSYC 3430	PERSONALITY AND ADJUSTMENT	
PSYC 4230	BEHAVIORAL NEUROSCIENCE	
PSYC 4450	PERSONALITY THEORIES	
PSYC/GERO 4470	MENTAL HEALTH AND AGING	
PSYC 4560	FORENSIC PSYCHOLOGY	
PSYC 4590	PSYCHOLOGY OF EXCEPTIONAL CHILDREN	
PSYC 4920	SPECIAL TOPICS IN PSYCHOLOGY (Mental Health topic)	
PSYC 4960	INDEPENDENT STUDY IN PSYCHOLOGY (Mental Health topic)	

PSYC 4990	SENIOR THESIS (Mental Health topic)	
Total Credits		12

### Concentration in Neuroscience and Behavior

Code	Title	Credits
Select two of the following:		6
PSYC 4090	COGNITIVE NEUROSCIENCE	
PSYC 4230	BEHAVIORAL NEUROSCIENCE	
PSYC/BIOL 4270	ANIMAL BEHAVIOR	
PSYC/BIOL 4320	HORMONES & BEHAVIOR	
Select two of the following not fulfilled above:		6
PSYC 4020	LEARNING	
PSYC 4024	LABORATORY IN PSYCHOLOGY: LEARNING	
PSYC 4090	COGNITIVE NEUROSCIENCE	
PSYC 4210	SENSATION AND PERCEPTION	
PSYC 4250/ PHIL 3250	LIMITS OF CONSCIOUSNESS	
PSYC 4230	BEHAVIORAL NEUROSCIENCE	
PSYC 4234	LABORATORY IN PSYCHOLOGY: BEHAVIORAL NEUROSCIENCE	
PSYC/BIOL 4270	ANIMAL BEHAVIOR	
PSYC/BIOL 4280	ANIMAL BEHAVIOR LABORATORY	
PSYC/BIOL 4320	HORMONES & BEHAVIOR	
PSYC 4440	ABNORMAL PSYCHOLOGY (Neuroscience topic)	
PSYC 4920	SPECIAL TOPICS IN PSYCHOLOGY (Neuroscience topic)	
PSYC 4960	INDEPENDENT STUDY IN PSYCHOLOGY (Neuroscience topic)	
PSYC 4990	SENIOR THESIS	
Total Credits		12

### Concentration in School Psychology

Code	Title	Credits
PSYC 3510	EDUCATIONAL PSYCHOLOGY	3
PSYC 4590	PSYCHOLOGY OF EXCEPTIONAL CHILDREN	3
Select two of the following:		6
PSYC 3410	CLINICAL PSYCHOLOGY	
PSYC 3520	CHILD PSYCHOLOGY	
PSYC 3540	ADOLESCENT PSYCHOLOGY	
PSYC 4310	PSYCHOLOGICAL AND EDUCATIONAL TST	
Total Credits		12