

NEUROSCIENCE AND BEHAVIOR

Psychology, Bachelor of Arts with a Concentration in Neuroscience and Behavior Requirements

Code Title Credits

GENERAL EDUCATION REQUIREMENTS - 46 Hours Required

Minimum of "C-" required

Fundamental Academic Skills 15

ENGL 1150 ENGLISH COMPOSITION I

ENGL 1160 ENGLISH COMPOSITION II

Writing in the Discipline Course

CMST 1110 PUBLIC SPEAKING FUNDS

or CMST 2120 ARGUMENTATION AND DEBATE

MATH 1120 INTRODUCTION TO MATHEMATICAL AND COMPUTATIONAL THINKING

or MATH 1100 DATA LITERACY AND VISUALIZATION

or MATH 1130 QUANTITATIVE LITERACY

or MATH 1140 QUANTITATIVE REASONING FOR HEALTHCARE PROFESSIONALS

or MATH 1300 COLLEGE ALGEBRA WITH SUPPORT

or STAT 1100 DATA LITERACY AND VISUALIZATION

or STAT 1530 ELEMENTARY STATISTICS

Distribution Requirements 31

Natural Science - From two disciplines and at least one lab - 7 hrs

Social Science - From two disciplines - 9 hrs

Humanities and Fine Arts - From two disciplines- 9 hrs

Global Diversity - 3 hrs

US Diversity - 3 hrs

MAJOR REQUIREMENTS

**Course will satisfy UNO's General Education requirement

^Course requires pre-requisite(s)

Psychology Major with a Concentration in Neuroscience and Behavior - 38+ Hours Required

Required Coursework 17

The first six 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.

PSYC 1010 INTRODUCTION TO PSYCHOLOGY I (**)

PSYC 1020 INTRODUCTION TO PSYCHOLOGY II (^)

PSYC 2000 CAREER PATHS IN PSYCHOLOGY (^)

PSYC 2040 EXPLORATIONS IN THE SCIENCE OF PSYCHOLOGY

PSYC 3130 STATISTICS FOR THE BEHAVIORAL SCIENCES (^)

PSYC 3140 RESEARCH METHODS IN PSYCHOLOGY (^)

PSYC 4890 SENIOR ASSESSMENT IN PSYCHOLOGY (^)

Select two of the following concentration courses in Neuroscience and Behavior 6

PSYC 4090 COGNITIVE NEUROSCIENCE (^)

PSYC 4230 BEHAVIORAL NEUROSCIENCE (^)

PSYC/BIOL 4270 ANIMAL BEHAVIOR (^)

PSYC/BIOL 4320 HORMONES & BEHAVIOR (^)

Select two of the following concentration courses in Neuroscience and Behavior not fulfilled above 6

PSYC 4020 LEARNING (^)

PSYC 4024 LABORATORY IN PSYCHOLOGY: LEARNING (^)

PSYC 4090 COGNITIVE NEUROSCIENCE (^)

PSYC/NEUR 4160 NEUROPHARMACOLOGY (^)

PSYC 4210 SENSATION AND PERCEPTION (^)

PSYC 4230 BEHAVIORAL NEUROSCIENCE (^)

PSYC 4234 LABORATORY IN PSYCHOLOGY: BEHAVIORAL NEUROSCIENCE (^)

PSYC/PHIL 4250 LIMITS OF CONSCIOUSNESS (^)

PSYC/BIOL 4270 ANIMAL BEHAVIOR (^)

PSYC/BIOL 4280 ANIMAL BEHAVIOR LABORATORY (^)

PSYC/BIOL 4320 HORMONES & BEHAVIOR (^)

PSYC/NEUR 4340 ADVANCED BEHAVIORAL NEUROSCIENCE

PSYC 4440 ABNORMAL PSYCHOLOGY (^)

PSYC 4930 SPECIAL TOPICS IN PSYCHOLOGY (^ Neuroscience topic)

PSYC 4960 INDEPENDENT STUDY IN PSYCHOLOGY (^ Neuroscience topic)

PSYC 4990 SENIOR THESIS (^ Neuroscience topic)

Select four 3-credit (PSYC) Psychology courses from four of the five areas below; Some courses taken for the selected concentration will also be applied toward this requirement. See an advisor to plan accordingly. 12

Applied Psychology

PSYC 3510 EDUCATIONAL PSYCHOLOGY (^)

PSYC 4020 LEARNING (^)

PSYC 4310 PSYCHOLOGICAL AND EDUCATIONAL TESTING (^)

PSYC 4510 PSYCHOLOGY IN THE SCHOOLS (^)

PSYC 4560 FORENSIC PSYCHOLOGY (^)

PSYC 4630 ORGANIZATIONAL PSYCHOLOGY (^)

PSYC 4640 PERSONNEL PSYCHOLOGY (^)

Social/Personality/Developmental Psychology

PSYC/SOC 3450 SOCIAL PSYCHOLOGY (^)

PSYC 3520 CHILD PSYCHOLOGY (^)

PSYC 3540 ADOLESCENT PSYCHOLOGY (^)

PSYC 4450 PERSONALITY THEORIES (^)

PSYC/GERO 4460 PSYCHOLOGY OF ADULT DEVELOPMENT AND AGING (^)

Mental Health

PSYC 3410 CLINICAL PSYCHOLOGY (^)

PSYC 3430 PERSONALITY AND ADJUSTMENT (^)

PSYC 4440 ABNORMAL PSYCHOLOGY (^)

PSYC/GERO 4470 MENTAL HEALTH AND AGING (^)

PSYC 4570 BEHAVIOR ANALYSIS AND INTERVENTIONS (^)

PSYC 4590 PSYCHOLOGY OF EXCEPTIONAL CHILDREN (^)

PSYC 4800 LAW & PSYCHOLOGY: ETHICS, RESEARCH & SERVICE (^)

Cognitive Neuroscience

PSYC 4070 COGNITIVE PSYCHOLOGY (^)

PSYC 4090 COGNITIVE NEUROSCIENCE (^)

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| PSYC 4210 | SENSATION AND PERCEPTION (^) |
| PSYC 4230 | BEHAVIORAL NEUROSCIENCE (^) |
| PSYC 4270 & BIOL 4270 | ANIMAL BEHAVIOR and ANIMAL BEHAVIOR (^) |
| PSYC/BIOL 4320 | HORMONES & BEHAVIOR (^) |
| PSYC 4520 | PSYCHOLOGY OF LANGUAGE (^) |

Additional Perspectives

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| PSYC/PHIL 3650 | PHILOSOPHY OF MIND (^) |
| PSYC 4010 | HISTORY OF PSYCHOLOGY (^) |
| PSYC 4030 | CONCEPTUAL ANALYSIS OF BEHAVIOR (^) |
| PSYC/PSCI 4110 | POLITICAL PSYCHOLOGY (^) |
| PSYC/BLST 4150 | AFRICAN AMERICAN PSYCHOLOGY (** ^) |
| PSYC/PHIL 4250 | LIMITS OF CONSCIOUSNESS (^) |
| PSYC 4680 | POSITIVE PSYCHOLOGY, HEALTH, & WELL-BEING (^) |
| PSYC 4960 | INDEPENDENT STUDY IN PSYCHOLOGY (^) |
| PSYC 4990 | SENIOR THESIS (^) ¹ |

Select one 3-credit (PSYC) Psychology Laboratory course at the 4000 Level; A course taken for this concentration can be counted toward this requirement. See an advisor to plan accordingly. **3**

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| PSYC 4024 | LABORATORY IN PSYCHOLOGY: LEARNING (^) |
| PSYC 4074 | LABORATORY IN PSYCHOLOGY: COGNITION, SENSATION AND PERCEPTION (^) |
| PSYC 4234 | LABORATORY IN PSYCHOLOGY: BEHAVIORAL NEUROSCIENCE (^) |
| PSYC/BIOL 4280 | ANIMAL BEHAVIOR LABORATORY (^) |
| PSYC 4414 | LABORATORY IN APPLIED BEHAVIOR ANALYSIS (^) |
| PSYC 4544 | LABORATORY IN DEVELOPMENTAL PSYCHOLOGY (^) |
| PSYC 4644 | LABORATORY IN PSYCHOLOGY: SOCIAL/ INDUSTRIAL-ORGANIZATIONAL (^) |
| PSYC 4990 | SENIOR THESIS (^) ² |

Select two 3-credit (PSYC) Psychology courses at the 3000-4000 level. Courses taken for the selected concentration can also be applied toward this requirement. See an advisor to plan accordingly. **6**

College Breadth (choose one option) 15-30+

Option 1: Complete any UNO minor or undergraduate certificate - 15+ hours

Option 2: Additional General Education Requirements - 19+ hours

Additional quantitative literacy - 3 hours

Additional Social Science Gen. Ed. from 3rd Discipline - 3 hours

Additional Humanities Gen. Ed. from 3rd Discipline - 3 hours

HIST 1000 and HIST 1010 - 6 hours

Additional Nat. and Physical Science w/ Lab - 4-5 hours

Option 3: CAS comprehensive major (50+ hours) OR any second UNO major (30+ hours)

Bachelor of Arts Language Requirement 16

FREN, GERM, Or SPAN, 1110**, 1120, 2110, 2120

ELECTIVES

Elective hours as required to reach a total of 120 hours

¹ Senior Thesis Part I: Thesis Proposal (**first 3 of 6 credit hours**). Requires special permission from a faculty member and the student must meet the Psychology Senior Thesis criteria.

² Senior Thesis Part II: Data Analysis, Interpretations and Conclusions (**second 3 of 6 credit hours**). Requires special permission from a faculty member and the student must meet the Psychology Senior Thesis criteria.