

UNDERGRADUATE FLOW CHART: PSYCHOLOGY B.S. REQUIREMENTS

Major Code: PSYCHBS - Effective Spring 2021
16 courses/51 credit hours/letter grade only

Name: _____ ID #/Advisor: _____ Date: _____

FOUNDATION COURSES: Must be completed by the end of junior year

Introductory Courses

- 1. PSYC 110: Introduction I _____
- 2. PSYC 111: Introduction II _____

Or AP/IB Credit *(must be replaced with additional elective, see below)*

Statistics & Methodology

- 3. QTM 100: Intro to Statistical Inference _____
- 4. PSYC 200W: Laboratory Methods _____



SURVEY COURSES: Take at least one (1) in each area, prior enrollment in PSYC 110 or PSYC 111, and QTM 100 strongly encouraged

Area I

- PSYC 207: Brain & Behavior _____
- PSYC 209: Perception & Action _____
- PSYC 215: Cognition _____
- PSYC 223: Drugs & Behavior _____

Area II

- PSYC 205: Child Development _____
- PSYC 210: Abnormal Psychology _____
- PSYC 211: Childhood Psychopathology _____
- PSYC 212: Social Psychology _____

DEPTH COURSES: Take at least four (4) courses at 300 level or above, at least three (3) must be from list below, may seek special permission to enroll in Psychology graduate courses. Enrollment in 300 level & above courses requires completion of PSYC 110, PSYC 111, QTM 100 and any 200 level survey course.

<ul style="list-style-type: none"> • PSYC 302/NBB 370: Human Learning & Memory • PSYC 303: Evolution of Acquired Behavior • PSYC 309/LING 309: Brain & Language • PSYC 310: Cognitive Development 	<ul style="list-style-type: none"> • PSYC 320/BIO 320: Animal Behavior • PSYC 321/NBB 321: Behavioral Neuroendocrinology of Sex • PSYC 322/NBB 370: Biological Basis of Learning & Memory • PSYC 324/NBB 370: Sleep & Dreaming, Brain & Mind 	<ul style="list-style-type: none"> • PSYC 325/BIO 325: Primate Social Psychology • PSYC 351: The Nature of Evidence • PSYC 353/NBB 302: Behavioral Neuroscience • PSYC 385-Selected special topic courses 	<ul style="list-style-type: none"> • PSYC 410: Science & Pseudoscience in Psychology • PSYC 424: Advanced Neuroimaging Practicum • PSYC 427(W)/NBB 427W: Hormones, Brain & Behavior • PSYC 440(W)/BIO 440W: Animal Communication • Selected 400-level seminars
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Course Exclusions: PSYC 397R, PSYC 494R, PSYC 495A & 495BWR, PSYC 498R and PSYC 499R. (One enrollment in PSYC 494R or PSYC 499R may count as electives)

ELECTIVES: At least two (2) additional courses, may seek special permission to enroll in Psychology graduate courses. Students with AP/IB credit will require three (3) electives. These courses include 100, 200, and above level courses with the exceptions as noted below. One enrollment in directed research (PSYC either 494R or 499R) for 3 or more credit hours may be counted as an elective.

Course Exclusions: PSYC 190: Freshman Seminar, PSYC 397R: Directed Study, PSYC 495A & 495BWR: Honors Program and PSYC 498R: Directed Reading. Only one (1) enrollment in PSYC 499R or PSYC 494R: Directed Research for 3 or more credit hours may be counted as an elective.

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* Additional elective AP/IB credit only

QUANTITATIVE & METHODOLOGICAL COURSES: Must take at least two (2) from the list below offered thru Psychology, QTM, Mathematics, Computer Science, Biology and Physics

PSYCHOLOGY	QTM	MATHEMATICS	COMPUTER SCIENCE	BIOLOGY
<ul style="list-style-type: none"> PSYC 180: Research in College Drug Use PSYC 430: Advanced Statistics & Methods PSYC 424: Advanced Neuroimaging Prac PSYC 542: Research Methods in Clin Psyc PSYC 561: Regression & the Gen Linear Model PSYC 562: Statistics I: Design & Analysis PSYC 770R: Topical Seminars in <p>*Multilevel Modeling Theory & Application</p> <p>*Scale Development Theory & Applications</p> <p>*Data Mining the Mind</p>	<ul style="list-style-type: none"> QTM 120: Math for Quantitative Sciences QTM 210: Probability & Statistics I QTM 200: Applied Regression Analysis QTM 220: Regression Analysis QTM 355/BIO 355: Introduction to Time Series Analysis 	<ul style="list-style-type: none"> MATH 111: Calculus I MATH 112/112Z: Calculus II MATH 116: Life Sciences Calculus MATH 210: Advanced Calculus for Data Science MATH 212: Differential Equations MATH 221: Linear Algebra MATH 315: Numerical Analysis MATH 361: Mathematical Stat I MATH 362: Mathematical Stat II 	<ul style="list-style-type: none"> COM SCI 153: Computing for Bioinformatics COM SCI 170: Introduction to Computer Science I COM SCI 171/171Z: Intro to Comp Sci II COM SCI 253: Data Structures & Algorithms COM SCI 325: Artificial Intelligence COM SCI 329: Computational Linguistics COM SCI 334: Machine Learning 	<ul style="list-style-type: none"> BIO 212/PHY 212: Computational Modeling for Scientists & Engineers BIO 355/QTM 355: Introduction to Time Series Analysis BIO 361W: Neurophysiology Lab BIO 450: Computational Neuroscience

INTERFACING SCIENCE COURSES: Must take at least two (2) courses from the list below offered thru Anthropology, Biology, Environmental Science and Chemistry

BIOLOGY	NEUROSCIENCE & BEHAVIORAL BIOLOGY	ANTHROPOLOGY	ENVIRONMENTAL SCIENCE
<ul style="list-style-type: none"> BIO 223: Developmental Biology BIO 240: Organismal Form & Function BIO 241: Evolutionary Bio BIO 336: Human Physiology BIO 348: Mechanisms of Animal Behavior BIO 352: Epigenetics & Human Disease BIO 353: Genetics of Complex Traits BIO 460/NBB 460: Building Brains 	<ul style="list-style-type: none"> NBB 201/ANTH 200: Foundations of Behavior NBB 300/MUSIC 309: The Musical Brain NBB 317/ANTH 317: Human Social Neuroscience NBB 319/ANTH 319: Anthro of Fatherhood NBB 361W: Neurophysiology Lab NBB 424: Medical Neuropathy NBB 426/PSYC 426: Neuropharmacology & Placebo NBB 460/BIO 460: Building Brains 	<ul style="list-style-type: none"> ANTH 200/NBB 201: Foundations of Behavior ANTH 305: The Human Brain ANTH 307: Human Evolution ANTH 308: Evolution of Social Behavior ANTH 316: Evolution of Human Brain & Mind ANTH 317/NBB 317: Human Social Neuroscience ANTH 319/NBB 319: Anthropology of Fatherhood 	<ul style="list-style-type: none"> ENVS 120: Living in the Anthropocene ENVS 130: Introduction to Environmental Studies ENVS 140: Environmental Change and Health

DEPARTMENT USE ONLY – Do Not Complete

SUMMARY

Expected Graduation Date: _____

Current Credits Towards Graduation _____
(124 Academic credits + 2 PE required + HLTH 100)

Overall Grade Point Average (GPA) _____

Psychology Grade Point Average (GPA) _____

REQUIREMENTS FULFILLED?

REMAINING Courses: _____
