

BA HUMAN BIOLOGY

PSYCHOLOGY CONCENTRATION

At least 124 hrs. (45 Junior/Senior hrs.) must be completed for graduation. Double majors must complete at least 15 hrs. unique to each major.

- _____ RESEARCH METHODS (3 hrs.): PSYC 310 Research Methods in Psychology
- _____ SEMINAR (1 hr.) BIOL 599 Senior Seminar in Human Biology (*must be taken in senior year*)

I. General College Requirements (min. 55 hrs.):

English (9 hrs.): ENGL 101 _____; ENGL 102 (or 105) _____; ENGL 203 (or 205, 209, 210, 211); _____

Oral Communication/Logic (3 hrs., one of following): COMS 130, COMS 230, PHIL 148, PHIL 310 **OR** Exemption/Exam _____

Western Civilization (6 hrs.): HWC 204 (or 114) _____ and HWC 205 (or 115) _____

Principal Course Distribution Requirements: (*see Timetable or Undergraduate Catalog and Timetable appendix for list*)

Humanities (9 hrs.): (HT) _____, (HL) _____, (HR) _____

Social Science (9 hrs. including PSYC 104): (SC) _____, (SI) **PSYC 104**, (SF) _____

Non-Western Culture (one course): _____ (*see Undergraduate Catalog and Timetable appendix for list*)

Foreign Language (16-20 hrs. or proficiency): _____, _____, _____

(*Math and Natural Science requirements are usually met by fulfilling the Human Biology requirements.*)

Complete two of the following four categories:

Evolution, Adaptation & Health (9 hrs.)

PSYC 555 Evolutionary Psychology; PSYC 605 Health Psychology; ANTH 340 Human Variation; ANTH 341 Human Evolution; ANTH 350 Human Adaptation; ANTH 442 Anthropological Genetics; ANTH 447 Introduction to Behavioral Genetics; ANTH 450 Disease & Adaptation; ANTH 542 Biology of Human Nutrition; BIOL 412 Evolutionary Biology; BIOL 595 Human Genetics

Human Development (9 hrs.)

_____ PSYC 333 Child Development

Six hours selected from the following courses: PSYC 430 Cognitive Development; PSYC 510 Infant Behavior & Development; PSYC/ABSC 535 Developmental Psychopathology; PSYC/ABSC 632 Advanced Child Behavior and Development; BIOL 417 Biology of Development

Human Cognition & Language (9 hrs.)

_____ PSYC 318 Cognitive Psychology

Six hours selected from the following courses: PSYC 418 Introduction to Cognitive Science; PSYC 482 Sensation & Perception; PSYC 518 Human Memory; PSYC 531 Language Development; PSYC 536 Psychology of Language; SPLH 466 Language Science; SPLH 566 Language Development

Neuroscience (9 hrs.)

PSYC 370 Brain & Behavior; PSYC 380 Brain & Pathology; PSYC 475 Cognitive Neuroscience; ANTH 650 Biological Bases of Human Behavior; BIOL 435 Introduction to Neurobiology; BIOL 454 Brain Diseases & Neurological Disorders; SPLH 320 Neuroscience of Human Communication

II. General Science Requirements (min. 33 hrs.):

- _____ ANTH 304, Physical Anthropology (3-4 hrs.)
 - _____ BIOL 150/151 Molecular & Cellular Biol. (4 hrs.)
 - _____ BIOL 152/3 Principles of Organismal Biol. (4 hrs.)
 - _____ MATH 115 + MATH 116 (6 hrs.) **OR** MATH 121 (5 hrs.) Calculus I
 - _____ CHEM 184 Foundations of Chemistry I (5 hrs.)
 - _____ CHEM 188 Foundations of Chemistry II (5 hrs.)
 - _____ PHSX 114 College Physics I **OR** PHSX 211 General Physics I (4 hrs.)
 - _____ *PSYC 300 Statistics/Psychol. Res. (3 hrs.) **OR** BIOL 570 Intro. Biostatistics (3 hrs.) **OR** MATH 365 Elem. Statistics (3 hrs.)
- *PSYC 300 is recommended for the Psychology Concentration*

III. Psychology Concentration (min. 30 hrs.):

- _____ ORGANIC CHEMISTRY (3 hrs.): CHEM 622 Fund. Organic Chemistry **OR** CHEM 624 Organic Chemistry I
- _____ CHEM 625 Organic Chemistry I Lab (2 hrs.)
- _____ GENETICS (3 hrs.): BIOL 350 (3 hrs.) Principles of Genetics

For the Psychology Concentration, Psychology courses are recommended in fulfilling at least some of the requirements in the four categories, but students are also strongly encouraged to explore other departments participating in the Human Biology Program.