

BIOPSYCHOLOGY MAJOR STUDY PLAN
with PRE-MEDICAL SUBSTITUTIONS

Only the pre-medical courses that can apply to this major are listed.

Additional courses are required for admission to medical school

(If you are not pre-medical, please refer to the regular Biopsychology major worksheet or discuss possible substitutions with your major faculty advisor.)

NAME: _____ STUDENT # _____

MAJOR REQUIREMENTS: (Substitutions are bolded)

- Psychology 101 – Introductory Psychology
- ___ Psychology 300 – Research Methods in Psychology
- ___ Psychology 364 – Life Span Developmental Psychology
- ___ Psychology 365 - Cognition
- ___ Psychology 400 – Advanced Research in Psychology
- ___ Psychology 420 – Theories of Personality
- ___ Psychology 430 – Physiological Psychology
- ___ Biology 120 – General Biology I
- ___ Biology 355 – Human Genetics *OR* Biology 375/376 Genetics and Genetics Lab
- ___ **Biomedical Science 208 – Human Anatomy** (Substitute for BIO 302)
- ___ **Biomedical Science 309 – Laboratory in Human Anatomy (Cadaver)** (Second part of substitute for BIO 302)
- ___ Biology 352 – Animal Behavior
- ___ **Biomedical Science 290 and 291(lab) – Human Physiology with Lab** (Substitute for BIO 432)
- ___ Math 201 – Calculus I
- ___ Statistics 215 – Introductory Applied Statistics
- ___ Computer Science 150 – Introduction to Computing
- ___ **Chemistry 115 – Principles of Chemistry I** (Substitute for CHM 109)
- ___ **Chemistry 116 – Principle of Chemistry II** (Second part of substitute for CHM 109)
- ___ **Chemistry 241 – Organic Chemistry for Life Sciences I** (Substitute for CHM 231)
- ___ **Chemistry 242 – Organic Chemistry for Life Sciences II** (Substitute for CHM 232)
- ___ Physics 220 – General Physics I
- ___ Physics 221 – General Physics II

Capstone: (Choose one)

- ___ Psychology 492 – Advanced General – Required if choose Psychology BS cognate
- OR**
- ___ Biology 495 Evolutionary Biology – Required if choose Biology BS cognate

DEGREE COGNATES: Choose either a BS or BA. BS students have the choice of either the Biology or Psychology cognates.

Psychology: *OR*

B.S. Cognates

- ___ STA 215
- ___ PSY 300
- ___ PSY 430 or 431

Biology:

B.S. Cognates

- ___ STA 215 or MTH 125 or MTH 201
- ___ BIO 120
- ___ BIO 375 & BIO 376

B.A. Cognates

- ___ 3rd semester proficiency in a foreign language (201 level)

BIOPSYCHOLOGY PREREQUISITES for Pre-Medical Students

Course #	Course Name	Credit Hours	Prerequisites
PSY 101	Introductory Psychology	3	None
PSY 300	Research Methods in Psychology	3	PSY 101 or HNR 234, & STA 215 or STA 312, & WRT 150
PSY 364	Life Span Developmental Psychology	3	PSY 101 or HNR 234
PSY 365	Cognition	3	PSY 101 or HNR 234
PSY 400	Advanced Research Methods	3	PSY 101 or HNR 234, & PSY 300 or permission of instructor
PSY 420	Theories of Personality	3	PSY 101 or HNR 234
PSY 430	Physiological Psychology	3	PSY 101 or HNR 234, & PSY 300
PSY 492	Advanced General Capstone (if Psychology BS Cognate)	3	Sr. standing in fall of senior year
BIO 120	General Biology I	4	High school Chemistry, CHM 109 or CHM 115 strongly recommended. (CHM 109 or CHM 115 can be taken concurrently)
BIO 355	Human Genetics	3	BIO 120
Or			
BIO 375 AND BIO376	Genetics AND Genetics Lab	3 AND 1	BIO 120 and concurrent enrollment in BIO 376 Concurrent enrollment in BIO 375 or successful completion of BIO 355
BIO 352	Animal Behavior	3	2 courses in PSY or BIO or permission of instructor
BIO 495	Evolutionary Biology (Capstone) (if Biology BS Cognate)	3	Sr. status, BIO 120, BIO 121, BIO 215, (BIO 375 or BIO 355), BIO 376, & (CHM 231 or CHM 241 or CHM 245)
BMS 208	Human Anatomy	3	BIO 120 or BMS 202
BMS 309	Lab in Human Anatomy (Cadaver)	1	BMS 208 or BMS 251
BMS 290	Human Physiology	3	BMS 208 and two semesters of Chemistry. Normally concurrent enrollment in BMS 291 is necessary
BMS 291	Human Physiology Lab	1	BMS 290 or taking BMS 290 concurrently
MTH 201	Calculus I	5	MTH 122 & MTH 123
STA 215	Introductory Applied Statistics	3	MTH 110 or equivalent
CIS 150	Introduction to Computing	3	None
CHM 115	Principles of Chemistry I	5	High School Chemistry, and (MTH 110 or MTH 122 or MTH 125 or MTH 201) Concurrent enrollment in MTH 122 or 125 is advised.
CHM 116	Principles of Chemistry II	5	CHM 115 and (MTH 122 or MTH 125 OR MTH 201)
CHM 241	Organic Chemistry for Life Science I	4	CHM 116
CHM 242	Organic Chemistry for Life Science II	3	CHM 241
PHY 220	General Physics I	5	MTH 122 and MTH 123
PHY 221	General Physics II	5	PHY 220