

BIOPSYCHOLOGY-BA OR BS MODIFIED FOR PRE-MED COURSES*

THIS IS A GENERAL CURRICULUM GUIDE AND IS NOT APPLICABLE TO EVERY STUDENT. IT IS IMPORTANT TO MEET WITH YOUR ADVISOR.

*Additional courses are required to meet the pre-medical prerequisites. See a Pre-Professional Advisor for more information.

Biopsychology Major (76 credits)

- **PSY 101 Introductory Psychology (3)**
- **PSY 300 SWS Research Methods in Psychology (3)**
Prerequisites: PSY 101 or HNR 234 and STA 215 or STA 312 and WRT 150
- **PSY 364 Life Span Developmental Psychology (3)**
Prerequisite: PSY 101 or HNR 234
- **PSY 365 Cognition (3)**
Prerequisite: PSY 101 or HNR 234
- **PSY 400 Advanced Research in Psychology (3)**
Prerequisites: PSY 101, PSY 300, and course in relevant content area or permission of instructor
- **PSY 420 Theories of Personality (3)**
Prerequisite: PSY 101 or HNR 234
- **PSY 430 Physiological Psychology (3)**
Prerequisite: PSY 101 or HNR 234, and PSY 300 or BMS 301 or CJ 300 or PLS 300 or NUR 435 or SW 430
- **CIS 150 Introduction to Computing (3)**
- **CHM 115 Principles of Chemistry I (5)**
Prerequisites: High School Chemistry, and Math 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)**
Prerequisite: Chemistry 115 and MTH 112 or MTH 125 or MTH 201.
- **CHM 241 Organic Chemistry for Life Science I (4)**
Prerequisite: CHM 116
- **CHM 242 Organic Chemistry for Life Science II (3)**
Prerequisite: CHM 241
- **BIO 120 General Biology I (4)**
Prerequisites: High school chemistry, CHM 109, or CHM 115 strongly recommended (CHM 109 or 115 may be taken concurrently)
- **BIO 355 Human Genetics (3)**
Prerequisite: BIO 120 or 104 or permission of instructor
OR **BIO 375 and BIO 376 Genetics and Genetics Laboratory (3) (1)**
Prerequisites: BIO 120 and concurrent enrollment in BIO 375/376
- **BMS 208 Human Anatomy (3)**
Prerequisite: BIO 120 or BMS 202
- **BMS 309 Laboratory in Human Anatomy (Cadaver) (1)**
Prerequisite: BMS 208 or BMS 251
- **BIO 352 Animal Behavior (3)**
Prerequisites: Two courses in biology or psychology or permission of instructor
- **BMS 290 and 291 Human Physiology and Laboratory (4)**
Prerequisites: BMS 208 & two semesters of Chemistry. Normally concurrent enrollment in BMS 291 is necessary
- **MTH 201 Calculus I (4)**
Prerequisites: MTH 122 and MTH 123 or placement into MTH 201 via the calculus readiness test
- **STA 215 Introduction to Statistics (3)**
Prerequisite: MTH 110 or equivalent
- **PHY 220 General Physics I (5)**
Prerequisites: MTH 122 and MTH 123
- **PHY 221 General Physics II (5)**
Prerequisite: PHY 220

Capstone (Choose one)

- **PSY 492 Advanced General (3)**
Prerequisite: Senior standing
- **BIO 495 Evolutionary Biology (3)**
Prerequisites: Senior status and BIO 120, BIO 121, BIO 215, (BIO 375 or 355), BIO 376, and (CHM 231 or 241 or 245)

Degree: choose one (B.A. or B.S.)

Biopsychology majors can complete the B.S. degree requirements as part of their major. Students who have completed a 3rd semester proficiency in a foreign language have the *option* of selecting the B.A. degree. If selecting the B.S. option choose between the Psychology or Biology degree options.

Bachelor of Arts

- Third semester language proficiency (201 level) is required for the B.A. degree. This may be fulfilled through language placement (<http://www.gvsu.edu/mll/language-placement-the-opi-108.htm>) or by completing the courses listed below
- **Language 101* (4)**
 - **Language 102* (4)** (*150 is a hybrid of 101 & 102 and is recommended for students with previous language background; students may move into Language 201 after completing Language 150)
 - **Language 201 (4)**

Bachelor of Science-Psychology (Must take PSY 492 capstone)

- **STA 215 Introduction to Statistics (3)**
Prerequisite: MTH 110 or equivalent
- **PSY 300 Research Methods in Psychology (3)**
Prerequisites: PSY 101 or HNR 234 and STA 215 or STA 312
- **PSY 430 Physiological Psychology or 431 Introduction to Neuropsychology (3)** Prerequisites: PSY 101 or HNR 234, and PSY 300 Or BMS 301 or CJ 300 or PLS 300 or NUR 435 or SW 430

Bachelor of Science-Biology (Must take BIO 495 capstone)

- **STA 215 Introduction to Statistics (3) or MTH 125 Survey of Calculus (3) or MTH 201 Calculus I (4)**
- **BIO 120 General Biology I (4)**
- **BIO 375 & 376 Genetics & Genetics Laboratory (3) (1)**

It is imperative to meet with your faculty advisor and an advisor in the CLAS Academic Advising Center regularly.

The CLAS Academic Advising Center is located in C-1-140 MAK, 616-331-8585.

Online at: <http://www.gvsu.edu/clasadvising>

NOTE: The guide on the opposite side reflects the substitutions made within the Biopsychology major for students who

are seeking to fulfill pre-medical school requirements.

If you are not intending to apply to medical school, refer to the regular Biopsychology guide.

Sample Plan

(Includes the additional pre-medical prerequisites that are not included in the Biopsychology major)

Year One		Year Three		*Students must complete a total of two courses with an SWS attribute *Elective refers to any course to help you earn the required 120 credits for graduation *MTH 122 and 123 are prerequisites for MTH 201 and PHY 220 and are not required for the Biopsychology major *The block tuition rate is for 12-15 credits. You will pay additional tuition for any credits over 15	
Year Two		Year Four			
BIO 120 (4)	CHM 115 (5)	CHM 461 (4)	PSY 300 (3)		
PSY 101 (3)	MTH 122 (3)	PHY 220 (5)	BMS 290/291 (4)		
MTH 110 (4)	WRT 150 (4)	BIO 352 (3)	PHY 221 (5)		
SOC 201 or 205 (3)	GEN ED (3)	ISSUE/THEME (3)	GEN ED (3)		
[Take CHM 116 (5) in S/S]					
CHM 241 (4)	CHM 242 (4)	BMS 309 (1)	PSY 420 (3)		
STA 215 (3)	BMS 208 (3)	PSY 365 (3)	PSY 492 or BIO 495 (3)		
BIO 375/376 or BIO 355 (4 or 3)	PSY 364 (3)	PSY 400 (3)	PSY 430 (3)		
CIS 150 (3)	MTH 123 (3)	MTH 201 (4)	GEN ED (3)		
[Take BMS 212 & 213 (4) in S/S]		GEN ED (3)	ISSUE/THEME (3)		

If you have received a minimum score of 3 on the **Advanced Placement (AP) Test in Psychology**, or have **CLEP or Dual Enrollment** credit for Introductory Psychology, you can take one 300-level course for which introductory psychology is the prerequisite during the second semester of your Freshman year.

For students without high school chemistry, CHM 109 is strongly encouraged.

Guide for Declaring the Biopsychology Major

1. Log into myBanner from the GVSU homepage
2. Once logged in select “Student”, “Student Records”, and then, “Change Major”
3. Click on the “Change Major 1/Program” box
4. Click on the down arrow in the box next to “New Major 1/Program,” from here scroll down and choose “Biopsychology-BA” **OR** “Biopsychology-BS” depending on your degree
5. Click “Submit” and then “Change to New Program”

General Education Overlap

General Education Categories fulfilled by required courses in the Biopsychology major:	
Mathematical Sciences: STA 215, MTH 201	Social and Behavioral Sciences: PSY 101
Physical Science with Lab: CHM 115	Life Science with Lab: BIO 120

All pre-medical students should meet with a pre-professional advisor in the CLAS Academic Advising Center early in their undergraduate program.