

# BS PSYCHOLOGY: BRAIN & COGNITION WITH PRE-MEDICINE

## PROGRAM REQUIREMENTS

### CORE

PSYC101 Introduction to Psychology	3
PSYC105 Careers & Plans for Psychology	0
PSYC301 Human Development	3
PSYC432 Research Methods II	3
PSYC465 Physiological Psychology	3

### CONCENTRATION

BIOL477 Neurobiology	3
PSYC364 Learning and Behavior	3
PSYC405 MPA Meeting	1
PSYC433 Research Methods III	3
PSYC434 Research Methods IV	3
PSYC445 Cognitive Psychology	3
PSYC460 Psychology of Abnormal Behavior	3
Upper Division BIOL/MATH/BCHM/PSYC Choice	3

*Choose one of the following courses:*

PSYC449 Neuropsychopharmacology	3
BIOL450 Neuropsychopharmacology	3
PSYC366 Drugs & Behavior	3

### CAPSTONE 2-3 CREDITS

*Choose one of the following options:*

PSYC498/HONS497H Research/Honors Proj.	2
PSYC485 Prof. Portfolio + UD PSYC Elective	3

### COGNATES

BHSC230 Research Methods I	3
BIOL165 Foundations of Biology	5
BIOL166 Foundations of Biology	5
CHEM131 General Chemistry I	4
SOCI119 Principles of Sociology	3

*Choose one of the following:*

RELT340 Religion & Ethics in Modern Society	3
RELT385 Bioethics & Christian Faith	3
RELT390 Christian Business Ethics	3
RELT440 Fund. Spirituality & Ethics Healthcare	3
HONS105H, 106H, & 415H (for honors students)	3

*Choose a Sociocultural Option:*

ANTH200 Cultural Anthropology	3
BHSC225 Global Social Issues	3
PSYC355 Cultural Psychology	3
PSYC468 Community Psychology	3
International Student Missions	0
Attend Adventist Colleges Abroad	0
AU Tour with cultural concepts	0

### PRE-MEDICINE REQUIREMENTS

BIOL165 & 166 Foundations of Biology	10
CHEM131 & 132 General Chemistry I & II	8
PHYS141 & 142 General Physics I & II	8
CHEM231 & 241 Organic Chemistry I & Lab	4
CHEM232 & 242 Organic Chemistry II & Lab	4
BCHM421 Biochemistry	4

## FOUR YEAR PLAN

### FIRST YEAR 32 CREDITS

PSYC101 Introduction to Psychology	3
PSYC105 Careers & Plans for Psychology	0
CHEM131 General Chemistry I	4
CHEM132 General Chemistry II	4
SOCI119 Principles of Sociology	3
COMM104 Communication Skills	3
MATH168 Precalculus (or above)	3
HLED135 Wellbeing 360°	3
ENGL115/117 College Writing I	3
ENGL215 College Writing II	3
Choose one: RELT100 or RELB210	3

### SECOND YEAR 31 CREDITS

PSYC201 Human Development	3
PSYC364 Learning & Behavior	3
BIOL165 Foundations of Biology	5
BIOL166 Foundations of Biology	5
Choose a sociocultural cognate option	0-3
Choose Religion ACE Course	3
Choose a Fine Arts/Humanities ACE Course	3
Gen Electives or Minor Requirements	6-9

### SECOND SUMMER 8 CREDITS

PHYS141 General Physics I	4
PHYS142 General Physics II	4

### THIRD YEAR 30 CREDITS

BHSC230 Research Methods I	3
PSYC432 Research Methods II	3
PSYC433 Research Methods III	3
PSYC434 Research Methods IV	3
Choose one PSYC449,366, or BIOL450	3
CHEM231 & 241 Organic Chemistry I & Lab	4
CHEM232 & 242 Organic Chemistry II & Lab	4
BCHM421 Biochemistry	4
Choose one: RELT340, 385, 390, 440 (or HONS)	3

### FOURTH YEAR 27 CREDITS

PSYC405 MPA Meeting	1
BIOL477 Neurobiology	3
PSYC465 Physiological Psychology	3
UD Elective from BIOL/MATH/BCHM/PSYC	3
PSYC445 Cognitive Psychology	3
PSYC460 Psychology of Abnormal Behavior	3
Choose a Religion ACE Course	3
HIST110 Worldviews, Cultures, & Gods	3
Choose a fine arts/humanities ACE course	3

*Choose one of the following options:*

PSYC498/HONS497H Research/Honors Proj.	2
PSYC485 Prof. Portfolio + UD PSYC Elective	3

## DEGREE CREDIT BREAKDOWN

### AREA 120 TOTAL

Major + Pre-Med Requirements	57
Cognates	9
ACE	33
General Electives/Minor Req.	21