

Neuroscience BS/Pre-Med Graduation Plan

Plan A: Starting with General Chemistry and Pre-Calculus

Year 1 – Fall

PSY 1001 Elementary Psychology
CHEM 1070 General Chemistry 1
MATH 1440 Math for Bio Sciences

Year 1 – Spring

PSY 2701 Intro Behavioral Neurosci
CHEM 1110 Principles Chemistry 1
MATH 1460 Calculus for Bio Sciences

Year 2 – Fall

CHEM 1120 Princ Chemistry 2
BIOL 1411 Foundations of Biology
PSY 2811 Research Methods I

Year 2 – Spring

BIOL 1412 Div Form & Function*
CHEM 2210 Organic Chemistry 1
PSY 2812 Research Methods II

Year 2 – Summer

PHYS 1511 College Physics 1

Year 3 – Fall

BIOC 3110 Biochemistry
PHYS 1512 College Physics 2**
CHEM 2220 Organic Chemistry 2

Year 3 – Spring

BIOL 3343 Animal Physiology
BIOL 2512 Fundamental Genetics*
PSY 2130 Advanced Psych Pre-med

Year 3 – Summer

Take MCAT, apply to med schools

Year 4 – Fall

BIOL 3253 Neurobiology
CHEM 2410 Organic Chemistry Lab
PSY 2975 Intro Cognitive Neuroscience

Year 4 – Spring

BIOL 3753 Developmental Neurobio
Neurobiology Lab***
Neuroscience elective***

*Recommended Neuroscience elective, to prepare for MCAT

** It is recommended to complete PHYS 1512 College Physics 2 before or concurrently with BIOL 3343 Animal Physiology, due to its content on electricity.

***Lab and elective course options are available in both fall and spring semesters.

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Plan B: Starting with Principles of Chem 1 and Calculus

Year 1 – Fall

PSY 2701 Intro Behavioral Neuroscience
CHEM 1110 Princ of Chemistry 1
Calculus course
PSY 1001 Elementary Psychology—or SOC 1010 Sociology if Psych already completed

Year 1 – Spring

BIOL 1411 Foundations of Biology
CHEM 1120 Princ of Chemistry 2
PSY 2701 (if not taken in fall)

Year 2 – Fall

PSY 2811 Research Methods 1
PHYS 1511 College Physics 1
BIOL 1412 Diversity of Form & Function*

Year 2 – Spring

PSY 2812 Research Methods 2
PHYS 1512 College Physics 2
CHEM 2210 Organic Chemistry 1

Year 2 – Summer

Year 3 – Fall

BIOC 3110 Biochemistry
CHEM 2220 Organic Chemistry 2
CHEM 2410 Organic Chemistry Lab

Year 3 – Spring

BIOL 3343 Animal Physiology
BIOL 2512 Fundamental Genetics*
PSY 2130 Advanced Psych Pre-Meds

Year 3 – Summer

Take MCAT, apply to med schools

Year 4 – Fall

PSY 2975 Intro Cognitive Neuroscience
BIOL 3253 Neurobiology
Neuroscience Lab course**

Year 4 – Spring

BIOL 3753 Developmental Neurobio
Neuroscience elective**

*Recommended Neuroscience elective, to prepare for MCAT

**Lab and elective course options are available in both fall and spring semesters.

AAC, Dec. 2017