

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 1

Year 2 – Spring

PHYS 1511 College Physics 1
BIOC 3110 Biochemistry
PSY 2812 Research Methods 2

Year 2 – Summer

PHYS 1512 College Physics 2**

Year 3 – Fall

BIOL 3253 Neurobiology
CHEM 2220 Organic Chemistry 1
PSY 2975 Intro Cognitive Neuroscience

Year 3 – Spring

BIOL 3653 Integ Neurophysiology
CHEM 2210 Organic Chemistry 2
PSY 2130 Advanced Psych Pre-med

Year 4 – Fall

BIOL 1412 Div Form & Function*
Neuroscience Lab**
Neuroscience elective**

Year 4 – Spring

BIOL 3753 Developmental Neurobio
CHEM 2410 Organic Chemistry Lab
BIOL 2512 Fundamental Genetics*

Year 4 – Summer

Take MCAT, apply to med schools

*Recommended Neuroscience elective, to prepare for MCAT

**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

Year 2 – Fall

PSY 2811 Research Methods 1

CHEM 2210 Organic Chemistry 1

BIOC 3110 Biochemistry

Year 2 – Spring

PSY 2812 Research Methods 2

CHEM 2220 Organic Chemistry 2

PHYS 1511 College Physics 1

Year 2 – Summer

PHYS 1512 College Physics 2

Year 3 – Fall

BIOL 1412 Diversity of Form & Function*

BIOL 3253 Neurobiology

PSY 2975 Intro Cognitive Neuroscience

Year 3 – Spring

BIOL 3653 Integrative Neurophys

BIOL 2512 Fundamental Genetics*

PSY 2130 Advanced Psych Pre-Meds

Year 3 – Summer

Take MCAT, apply to med schools

Year 4 – Fall

Neuroscience elective**

Neuroscience Lab course**

Year 4 – Spring

BIOL 3753 Developmental Neurobio

CHEM 2410 Organic Chemistry Lab

courses to complete degree

*Recommended Neuroscience elective, to prepare for MCAT

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

AAC, Dec. 2019