

Neuroscience with Pre-Med Track

Recommended Graduation Plan (2024)

The recommended graduation plan is designed to provide a blueprint for students to complete their degrees on time. Students must meet with their Academic Advisor to develop a more individualized plan to complete their degree.

NOTE: This recommended Graduation Plan is applicable to students admitted into the major during the 2024-2025 academic year

CRWT Placement
CRWT 101 to CRWT 102
CRWT 101S to CRWT 102S

Math Placement
MATH 022 to MATH 108

NOTE: CRWT and MATH courses are determined by **placement testing** and should be taken following the sequence above.

First Year					
Fall Semester	HRS	✓	Spring Semester	HRS	✓
Gen Ed: INTD 101 First-Year Seminar	4		Gen Ed: Quantitative Reasoning (<i>preferred = MATH 108 Elementary Probability & Statistics</i>)	4	
Major: BIOL 111 Fundamentals of Biology I & BIOL 111L Fundamentals of Biology I Lab	4+1		Major: BIOL 113 Fundamentals of Biology II & BIOL 113L Fundamentals of Biology II Lab	4+1	
Gen Ed: Scientific Reasoning (<i>CHEM 116 General Chemistry I & CHEM 116L General Chemistry I Lab</i>) - Prerequisite for Chem 117/117L	4+1		Major: CHEM 117 General Chemistry II & CHEM 117L General Chemistry II Lab	4+1	
Gen Ed: CRWT 102 Critical Reading & Writing II	4		Major: NEUR 201 Introduction to Neuroscience	4	
			Career Pathways: PATH SS1 – Career Pathways Module 1	Degree Rqmt.	
Total:	18		Total:	18	

Second Year					
Fall Semester	HRS	✓	Spring Semester	HRS	✓

Major: CHEM 211 Organic Chemistry I Lecture CHEM 211L Organic Chemistry I Lab	4+1		Major: CHEM 213 Organic Chemistry II Lecture CHEM 213L Organic Chemistry II Lab	4+1	
Major: PHYS 111 Fundamentals of Physics I Lecture PHYS 118 Fundamentals of Physics I Lab	4+1		Major: PHYS 113 Fundamentals of Physics II Lecture PHYS 119 Fundamentals of Physics II Lab	4+1	
SSHS School Core: Sustainability, Society & Civic Mindedness: PSYC 101-Introduction to Psychology <i>Recommended</i>	4		School Core: Social Science Inquiry and General Education Requirement (SOSC 110)	4	

General Education Requirement	4		Major: PSYC 242 Statistics	4	
Career Pathways: PATH SS2 – Career Pathways Module 2	Degree Rqmt.		Career Pathways: PATH SS3 – Career Pathways Module 3	Degree Rqmt.	
Total:	18		Total:	18	

Third Year					
Fall Semester	HRS	✓	Spring Semester	HRS	✓
Major: NEUR 305 Neuroscience Research Methods	4		Major: NEUR 375 Junior Research Exp	2	
Major: Neuro Elective - Pick 1	4		Major: Neuro Elective - Pick 1	4	
Major: Psychology Elective	4		Major: Chem 425 Biochemistry	4	
Major: BIOL 332 Genetic Lecture & BIOL 332L Genetics Lab	4+1.5		SSHS School Core: History of Social Thought (SOSC 235)	4	
			General Education Requirement	4	
Total:	17.5		Total:	18	

Fourth Year					
	HRS	✓	Spring Semester	HRS	✓
Major: Neuro Elective - Pick 1	4		Major: NEUR 430 Capstone	4	

Major: NEUR 475 Senior Thesis	2		General Education Requirement	4	
General Education Requirement	4		NEUR400 Independent Research or BIOL 407 and 407L Mol and Cell Biol	4-5.5	
NEUR400 Independent Research or Free Elective	2-4				
General Education Requirement	4				
Total:	16-18		Total:	12-13.5	

Total Credits Required: 128 credits **GPA Required:** 2.0

Total Credits with Pre Med Track: 135.5-139 credits

**Gen Ed Distribution Categories: two of the three categories are required with 1 course from outside of academic school.

General Education courses can be done in any order with the exception of INTD 101, CRWT and MATH. Those three general education courses will need to be done first. First Year Seminar is taken in the first semester. Failure to complete CRWT and MATH will result in a hold when the student hits 64 credits. The following general education courses can be done in any order. For more info on these courses, please visit the [General Education program requirements website in the College Catalog](#):

- Social Science Inquiry (SOSC 110)
- Scientific Reasoning
- Historical Perspectives[+W]
- Studies in the Arts & Humanities (*CRWT 102 is a prerequisite to this course*) [+W]
- Global Awareness [+W]
- Distribution Category (Systems, Sustainability, & Society **OR** Culture & Creativity **OR** Values and Ethics) (**Must be outside of SSHS**)
- Distribution Category (Systems, Sustainability, & Society **OR** Culture & Creativity **OR** Values and Ethics)

+W: Students transferring in with 48 or more credits are waived from these general education requirements.