



University of Montana - Four-Year Academic Plan 2023-2024

College of Humanities and Sciences

Neuroscience B.S. - Cognitive Concentration

This is an example of a four year graduation plan for a degree in Neuroscience.

This is a sample academic plan. Students should meet with an academic advisor prior to registration to formulate their own plan.

Year 1		Year 2		Year 3		Year 4	
Fall		Fall		Fall		Fall	
CHMY 121N - Intro to General Chemistry	4	NEUR 280 - Fundamentals of Neuroscience I	3	NEUR 380 - Molecular Neuroscience	3	NEUR 458 - Neuro Research (Adv. Writing)	4
BIOB 160N/161N - Principles of Living Systems	4	BIOB 260 - Cellular and Molecular Biology	4	PHSX 205N/206N - Physics w/Algebra I	5	Intersection Course	3
M 162 (or prereq math course) - Applied Calculus	4	PSYX 270 - Fund. Of Psychology of Learning	3	BCH 380 - Biochemistry	3	Upper Division Elective	6
WRIT 101 or Gen Ed req.	3	Gen Ed req.	6	Upper Division Elective	3	Gen Ed req.	3
Freshman Seminar	1						
Credits	16	Credits	16	Credits	14	Credit	16
Spring		Spring		Spring		Spring	
CHMY 123/124 - Intro to Organic and Biochem	6	NEUR 281 - Fundamentals of Neuroscience II	3	PHSX 207N/208N - Physics w/ Algebra II	5	Additional Major Course Elective	3
STAT 216 - Statistics	3	BIOB 272 - Genetics and Evolution	4	PSYX 356 - Human Neuropsychology	3	Gen Ed req.	3
PSYX 100S - Introduction to Psychology	3	PSYX 280 - Fund of. Memory and Cognition	3	Additional Major Course Elective	3	Upper Division Elective	6
WRIT 101 or Gen Ed req.	3	Gen Ed req.	6	Intersection Course	3		
				Gen Ed req.	3		
Credits	15	Credits	16	Credits	17	Credits	12
Summer		Summer		Summer		Summer	
Credits	0	Credits	0	Credits	0	Credits	0
Total Credits	31	Total Credits	63	Total Credits	94	Total Credits	122
Notes:							
<ul style="list-style-type: none"> The following neuroscience courses fulfill the Additional Major Course elective categories as well as upper division electives: NEUR 441-CNS Diseases, NEUR 491-Neuropharmacology, NEUR 491-Neuroanatomy. Students can earn credit undergraduate research in neuroscience (NEUR 390/490) which will count as upper division elective credit. The full curriculum for the Neuroscience B.S. - Cell and Molec Concentration can be found online in the UM Course Catalog. 							
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ElevateU Career Readiness Plan

GRADUATE CAREER-READY BY GETTING INVOLVED IN THE BELOW ACTIVITIES WHILE AT UM.

Discover how your strengths, values, and interests relate to career and education pathways.

- Take the Strong Interest Inventory or other career assessments to see what careers may be a good fit for you.*
- Download the Handshake app and activate your account to explore jobs*
- Attend “careers and opportunities” fairs and join a First Time at the Fair tour*
- Join student groups that align with your interests*
- Explore career options at What Can I Do With This Major? (click on “Major Exploration”)*
- Learn about specific occupations on O*Net Online
- Schedule an appointment for Career Planning and Major Exploration

EXPLORE
Pathways for you

Participate in experiential (hands-on) learning to refine your interests and goals.

- Seek and apply for internships or part-time jobs on Handshake*
- Participate in Volunteer Programs*
- Consider studying abroad or at another US university for a semester or year*
- Consider an internship abroad*
- Conduct undergraduate research at UM*
 - Secure a paid micro-internship
 - Participate in the Griz Career Skills Program
 - Schedule an appointment for Internship Search, International Internship Search, National Student Exchange, Job Search Strategies, and Handshake How-To

EXPERIENCE
and Grow

- Meet employers at career fairs and events*
- Develop a stellar resume and cover letter*
- Practice interview skills
- Learn how to negotiate your salary and benefits package
- Fine-tune your LinkedIn profile
- Apply for jobs, graduate/professional school, or national service
- Schedule an appointment for Resume, Cover letter, Interview Prep, Personal Statement, LinkedIn, Graduate School Planning

ELEVATE
to Your Career

Refine your personal brand and develop stand-out application materials to achieve your goals

EMBRACE
Your Goals

- Strengthen relationships with faculty and supervisors who can guide and recommend you*
 - Connect with alumni in fields or companies of interest through the Griz Career Network
 - Expand your network to gain insights and support through LinkedIn
 - Conduct career conversations with professionals in fields of interest
 - Gain industry and company-specific skills through free Forage job simulations
 - Schedule an appointment to discuss Networking Strategies, LinkedIn, Graduate School Planning
- Develop skills and network to help you pursue your goals**

YOUR CAREER SUPPORT OFFICES AT UM

Experiential Learning & Career Success (ELCS) is for all UM students!

Students in the following Schools and Colleges have additional access to the following career services:

- College of Business Career Development Center
- Career Trailhead professional readiness program
- College of Humanities and Sciences Career Planning Center
- Davidson Honors College Career Development Program
- School of Law Career Development Office
- Missoula College Career Services

