



University of Montana - Four-Year Academic Plan 2024-2025
College of Humanities and Sciences
Neuroscience B.S. - Cellular and Molecular Concentration

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

Year 1		Year 2		Year 3		Year 4	
Fall		Fall		Fall		Fall	
CHMY 141N/142N - College Chemistry I & Lab	5	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	CHMY 221/222 - Organic Chem I & Lab	5	PHSX 205N/206N - Physics w/ Algebra I	5	Intersection Course	3
M 162 - Applied Calculus	4	BIOB 260 - Cellular and Molecular Bio	4	BCH 480 - Advanced Biochem I	3	Upper Division Elective	6
WRIT 101 or Gen Ed req.	3	Gen Ed Req.	3	Additional Major Course I Elective	3		
Freshman Seminar	1			Gen Ed Req.	3		
Credits	17	Credits	15	Credits	17	Credit	13
Spring	Spring	Spring	Spring	Spring	Spring	Spring	Spring
CHMY 143N/144N - College Chemistry II & Lab	5	NEUR 281 - Fundamentals of Neuroscience II	3	BCH 482 - Advanced Biochem II	3	BIOB 425 - Advanced Cell and Molec Bio	3
STAT 216 - Intro to Statistics	4	CHMY 223/224 - Organic Chem II & Lab	5	PHSX 207N/208N - Physics w/ Algebra II	5	Upper Division Elective	6
PSYX 100S - Intro to Psychology (Gen Ed req.)	3	BIOB 272 - Genetics and Evolution	4	BCH 482 - Advanced Biochem II	3	Gen Ed Req.	6
WRIT 101 or Gen Ed req.	3	Gen Ed Req.	3	Additional Major Course II Elective	3		
				Gen Ed Req.	3		
Credits	15	Credits	15	Credits	17	Credits	15
Summer	Summer	Summer	Summer	Summer	Summer	Summer	Summer
Credits	0	Credits	0	Credits	0	Credits	0
Total Credits	32	Total Credits	62	Total Credits	96	Total Credits	124

Notes:

- The following neuroscience courses fulfill the Additional Major Course I and II 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.

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

- 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

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

- 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

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

- 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

EMBRACE Your Goals

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!

- Davidson Honors College Career Development Program
- School of Law Career Development Office
- Missoula College Career Services

