

Neuroscience Major (BA)

Total Major hours: 50
Suggested hours per semester: 16-18

Major Academic Plan (MAP) for Catalog Year 2024-2025

The College Catalog is the final authority on course requirements for graduation. This MAP is only a tool for course planning purposes. Course sequencing may vary from this MAP; students are strongly encouraged to seek guidance from their faculty advisor regarding their course schedule and possible studies off-campus.

Fall Semester 1 BIOL 241 Organization of Life ^{F, 1} CHEM 231 General Chemistry ^{F, 2} CORE 101: First Year Seminar CORE 131: Holistic Human Flourishing (1) Core Competency Course(s): - COMM 101: Oral Comm (2) - ENGW 103: First-Year Writing - Language	Spring Semester 1 NEUR 241 Foundations of Neuroscience ^{S, 1} Core Competency Course(s) BITH 211/ARCH 211: Old Testament	Summer 1 Consider study (eg. Wheaton In programs), internship or research options
Fall Semester 2 BHS 252 Intro to Biological & Health Science Research ^{*5} Core Competency Course(s) BITH 213/ARCH 213: New Testament	Spring Semester 2 Major Elective(s) ⁴ Thematic Core Course(s) BITH 315: Christian Thought*	Summer 2 Consider study (eg. Wheaton In programs), internship or research options
Fall Semester 3 NEUR 369 Neuro Research Techniques ^{*F, 6} Major Elective(s) ⁴ Thematic Core Course(s)	Spring Semester 3 Cluster Course ³ Major Elective(s) ⁴ Advanced Integrative Seminar*	Summer 3 Consider study (eg. Wheaton In programs), internship or research options
Fall Semester 4 Cluster Course ³ Major Elective(s) ⁴ Thematic Core Course(s)	Spring Semester 4 NEUR 494 Neuroscience Capstone (2) ^{*S} Major Elective(s) ⁴ Thematic Core Course(s)	Summer 4

Notes or Special Guidance:

*Course has prerequisite

^F Fall only course

^S Spring only course

[#] Offered every other year

¹ Meets a CATC Thematic Core tag: BIOL 241 (SP)

² Students may decide, with their advisor's guidance, to postpone beginning Chemistry requirements until sophomore year.

³Choose at least one course from the Cellular & Molecular Cluster: BIOL 323, BIOL 336, NEUR 321 or PSYC 371; and one course from the Behavioral & Cognitive Cluster: BIOL 349, PSYC 343, PSYC 345, or PSYC 351.

⁴Major Electives: 20 hours. Students may take any additional 300- or 400-level Biochemistry and Molecular Biology (BMB), Biology (BIOL), Conservation and Ecological Health (CEH), Health Science (HS), or Neuroscience (NEUR) courses to fulfill their elective credit hours. Only 4 credits of 495-499 may be counted towards Elective credits.

⁵Course may be taken in either Fall or Spring.

Please review general information about MAPs to see how your path and suggested hours per semester may differ: <https://www.wheaton.edu/academics/services/academic-advising-office/major-academic-plans-maps/>