

# Neuroscience Major (BA)

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

## Major Academic Plan (MAP) for Catalog Year 2023-2024

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.

<b>Fall Semester 1</b>  BIOL 241 Organization of Life <sup>F, 1</sup> CHEM 231 General Chemistry <sup>F, 2</sup>  <i>CORE 101: First Year Seminar</i>  Core Competency Course(s): <ul style="list-style-type: none"> <li>▪ COMM 101: Oral Comm (2)</li> <li>▪ ENGW 103: First-Year Writing</li> <li>▪ Language</li> </ul>	<b>Spring Semester 1</b>  NEUR 241 Foundations of Neuroscience <sup>S, 1</sup>  <i>Core Competency Course(s)</i>  BITH 211/ARCH 211: Old Testament	<b>Summer 1</b>  Consider study (eg. Wheaton In programs), internship or research options
<b>Fall Semester 2</b>  BHS 252 Intro to Biological & Health Science Research <sup>*5</sup>  <i>Core Competency Course(s)</i>  BITH 213/ARCH 213: New Testament	<b>Spring Semester 2</b>  Major Elective(s) <sup>4</sup>  <i>Thematic Core Course(s)</i>  BITH 315: Christian Thought <sup>*</sup>	<b>Summer 2</b>  Consider study (eg. Wheaton In programs), internship or research options
<b>Fall Semester 3</b>  NEUR 369 Neuro Research Techniques <sup>*F, 6</sup> Major Elective(s) <sup>4</sup>  <i>Thematic Core Course(s)</i>	<b>Spring Semester 3</b>  Cluster Course <sup>3</sup> Major Elective(s) <sup>4</sup>  <i>Advanced Integrative Seminar<sup>*</sup></i>	<b>Summer 3</b>  Consider study (eg. Wheaton In programs), internship or research options
<b>Fall Semester 4</b>  Cluster Course <sup>3</sup> Major Elective(s) <sup>4</sup>  <i>Thematic Core Course(s)</i>	<b>Spring Semester 4</b>  NEUR 494 Neuroscience Capstone (2) <sup>*5</sup> Major Elective(s) <sup>4</sup>  <i>Thematic Core Course(s)</i>	<b>Summer 4</b>

### Notes or Special Guidance:

\*Course has prerequisite

<sup>F</sup> Fall only course

<sup>S</sup> Spring only course

<sup>#</sup> Offered every other year

<sup>1</sup> Meets a CATC Thematic Core tag: BIOL 241 (SP)

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

<sup>3</sup>Choose 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.

<sup>4</sup>Major 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.

<sup>5</sup>Course 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/>**