



## Biology 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	Spring Semester 1	Summer 1
BIOL 241 Organization of Life <sup>F,1</sup> CHEM 231 General Chemistry <sup>F,2</sup>  <i>CORE 101: First Year Seminar</i> <i>CORE 131: Holistic Human Flourishing (1)</i>  <i>Core Competency Course(s)</i> <ul style="list-style-type: none"> <li>▪ <i>COMM 101: Oral Comm (2)</i></li> <li>▪ <i>ENGW 103: First-Year Writing</i></li> <li>▪ <i>Language</i></li> </ul>	Major Elective(s) <sup>4</sup>  <i>Core Competency Course(s)</i>  <i>BITH 211/ARCH 211: Old Testament</i>	Consider study (eg. Wheaton In programs), internship or research options
BHS 252 Intro to Biological & Health Science Research <sup>*6</sup>  <i>Core Competency Course(s)</i>  <i>BITH 213/ARCH 213: New Testament</i>	Major Elective(s) <sup>4</sup> BIOL cluster 1, 2 or 3 <sup>5</sup>  <i>Thematic Core Course(s)</i>  <i>BITH 315: Christian Thought*</i>	Consider study (eg. Wheaton In programs), internship or research options
BIOL cluster 1, 2, 3 <sup>5</sup> Major Elective(s) <sup>4</sup>  <i>Thematic Core Course(s)</i>	BIOL 356 Genetics <sup>*5</sup> BIOL cluster 1, 2, or 3 <sup>5</sup>  <i>Advanced Integrative Seminar*</i> <i>Thematic Core Course(s)</i>	Consider study (eg. Wheaton In programs), internship or research options
Major Elective(s) <sup>4</sup>  <i>Thematic Core Course(s)</i>	BHS 494 Integrated Biological & Health Scientist (2) <sup>*6,7</sup> Major Elective(s) <sup>4</sup>  <i>Thematic Core Course(s)</i>	Summer 4

**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 (SP)

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

<sup>3</sup>Students may decide to take BIOL 242 at the Wheaton College Science Station in the Black Hills of South Dakota in the summer following their first year.

<sup>4</sup>Major Electives: 20 credits. 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 courses may be counted towards Elective credits.

<sup>5</sup>Take at least one course from each of the three biology clusters (see College Catalog).

<sup>6</sup>Course may be taken in either Fall or Spring.

<sup>7</sup>Students can take BHS 494, BMB 494 or NEUR 494 to complete the capstone requirement.

**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/>**