

## Biology Major (BS)

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.

<p><b>Fall Semester 1</b></p> <p>BIOL 241 Organization of Life<sup>F,1</sup> CHEM 231 General Chemistry<sup>F,2</sup></p> <p><i>CORE 101: First Year Seminar</i></p> <p><i>Core Competency Course(s)</i></p> <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>	<p><b>Spring Semester 1</b></p> <p>BIOL 242 Diversity of Life<sup>S</sup> (or Summer in the Black Hills) CHEM 232 General Chemistry II<sup>*S</sup></p> <p><i>Core Competency Course(s)</i></p> <p><i>BITH 211/ARCH 211: Old Testament</i></p>	<p><b>Summer 1</b></p> <p>BIOL 242 in the Black Hills (optional)</p> <p>Consider study (eg. Wheaton In programs), internship or research options</p>
<p><b>Fall Semester 2</b></p> <p>BHS 252 Intro to Biological &amp; Health Science Research<sup>*6</sup></p> <p><i>Core Competency Course(s)</i></p> <p><i>BITH 213/ARCH 213: New Testament</i></p>	<p><b>Spring Semester 2</b></p> <p>BIOL cluster 1, 2 or 3<sup>4</sup></p> <p><i>Thematic Core Course(s)</i></p> <p><i>BITH 315: Christian Thought*</i></p>	<p><b>Summer 2</b></p> <p>Consider study (eg. Wheaton In programs), internship or research options</p>
<p><b>Fall Semester 3</b></p> <p>BIOL cluster 1, 2, 3<sup>4</sup> Major Elective(s)<sup>3</sup></p> <p><i>Advanced Integrative Seminar*</i></p> <p><i>Thematic Core Course(s)</i></p>	<p><b>Spring Semester 3</b></p> <p>BIOL 356 Genetics<sup>*S</sup> BIOL cluster 1, 2, or 3<sup>4</sup></p> <p><i>Thematic Core Course(s)</i></p>	<p><b>Summer 3</b></p> <p>Consider study (eg. Wheaton In programs), internship or research options</p>
<p><b>Fall Semester 4</b></p> <p>BHS 494 Integrated Biological &amp; Health Scientist (2)<sup>*5,6</sup> Major Elective(s)<sup>3</sup></p> <p><i>Thematic Core Course(s)</i></p>	<p><b>Spring Semester 4</b></p> <p>Major Elective(s)<sup>3</sup></p> <p><i>Thematic Core Course(s)</i></p>	<p><b>Summer 4</b></p>

**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 their Sophomore year.

<sup>3</sup>Major Electives: 12 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 may be counted towards Elective credits.

<sup>4</sup>Take at least one course from each of the three biology clusters (see College Catalog).

<sup>5</sup>Course may be taken in Fall or Spring.

<sup>6</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/>**