

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.

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| <p>Fall Semester 1</p> <p>BIOL 241 Organization of Life^{F,1} CHEM 231 General Chemistry^{F,2}</p> <p><i>CORE 101: First Year Seminar</i></p> <p><i>Core Competency Course(s)</i></p> <ul style="list-style-type: none"> ▪ <i>COMM 101: Oral Comm (2)</i> ▪ <i>ENGW 103: First-Year Writing</i> ▪ <i>Language</i> | <p>Spring Semester 1</p> <p>BIOL 242 Diversity of Life^S (or Summer in the Black Hills) CHEM 232 General Chemistry II^{*S}</p> <p><i>Core Competency Course(s)</i></p> <p><i>BITH 211/ARCH 211: Old Testament</i></p> | <p>Summer 1</p> <p>BIOL 242 in the Black Hills (optional)</p> <p>Consider study (eg. Wheaton In programs), internship or research options</p> |
| <p>Fall Semester 2</p> <p>BHS 252 Intro to Biological & Health Science Research^{*6}</p> <p><i>Core Competency Course(s)</i></p> <p><i>BITH 213/ARCH 213: New Testament</i></p> | <p>Spring Semester 2</p> <p>BIOL cluster 1, 2 or 3⁴</p> <p><i>Thematic Core Course(s)</i></p> <p><i>BITH 315: Christian Thought*</i></p> | <p>Summer 2</p> <p>Consider study (eg. Wheaton In programs), internship or research options</p> |
| <p>Fall Semester 3</p> <p>BIOL cluster 1, 2, 3⁴ Major Elective(s)³</p> <p><i>Advanced Integrative Seminar*</i></p> <p><i>Thematic Core Course(s)</i></p> | <p>Spring Semester 3</p> <p>BIOL 356 Genetics^{*S} BIOL cluster 1, 2, or 3⁴</p> <p><i>Thematic Core Course(s)</i></p> | <p>Summer 3</p> <p>Consider study (eg. Wheaton In programs), internship or research options</p> |
| <p>Fall Semester 4</p> <p>BHS 494 Integrated Biological & Health Scientist (2)^{*5,6} Major Elective(s)³</p> <p><i>Thematic Core Course(s)</i></p> | <p>Spring Semester 4</p> <p>Major Elective(s)³</p> <p><i>Thematic Core Course(s)</i></p> | <p>Summer 4</p> |

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)

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

³Major 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.

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

⁵Course may be taken in Fall or Spring.

⁶Students 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/>