Environmental Science Major

Total Major hours: 52
Suggested hours per semester: 14 - 16

Major Academic Plan (MAP) for Catalog Year 2025-2026

The catalog is the final authority on CATC and major requirements; this is intended as a tool for planning purposes. Student course sequencing may vary depending on course offerings and other variables.

Fall Semester 1	**Spring Semester 1**	**Summer 1**
ENVR 212/GEOL 212: Dynamic Earth and Environment[1] ENVR 231: Environmental Law, Justice and Development (2)[F] *CORE 101: First Year Seminar* *CORE 131: H. Human Flourishing (1)* *First Year CATC options-* ▪ *COMM 101: Oral Comm (2)* ▪ *ENGW 103: First-Year Writing* ▪ *Language Core Competency or Thematic Core Course*	ENVR 212/GEOL 212: Dynamic Earth and Environment[1], if not complete HNGR 114: Poverty Justice and Transformation[1] OR URBN 114: Social Life of Cities[1] *First Year CATC Options* *Language Core Competency* *BITH 211/ARCH 211: Old Testament*	Wheaton in the Black Hills[3] BIOL 242: Diversity of Life, Botany and Zoology[4] BIOL 351: Ecology and Evolution[4]*
Fall Semester 2	**Spring Semester 2**	**Summer 2**
ENVR 231: Environmental Law, Justice and Development (2)[F], if not complete CHEM 231: General Chemistry I[F] ENVR 371: Introduction to Geographic Information Science (2)[F] *Thematic Core or Core Competency Courses (4-8)* *BITH 213/ARCH 213: New Testament*	ENVR 341 Environmental Statistics and Modeling[S#1]* OR ENVR 381 Pollution and Toxicology[S#]* *Thematic Core Course* *BITH 315: Christian Thought** *Advanced Integrative Seminar**	Wheaton in the Black Hills[3] BIOL 242: Diversity of Life, Botany and Zoology[4] BIOL 351: Ecology and Evolution[4]* *Consider study, internship or research options – Wheaton In summer program, WIN (HoneyRock), non-major internship, summer research*
Fall Semester 3	**Spring Semester 3**	**Summer 3**
CHEM 231: General Chemistry I[F], if not complete ENVR 371: Introduction to Geographic Information Science (2)[F], if not complete ENVR electives[2] Semester off campus • WIC • ISDSI • DIS *Thematic Core or Core Competency Courses (4-8)*	ENVR 341 Environmental Statistics and Modeling[S#1]* or ENVR 381 Pollution and Toxicology[S#]*, if not complete ENVR electives[2] *Thematic Core or Core Competency Courses (4-8)* *Advanced Integrative Seminar*, if not complete*	ENVR 496: Internship[5] *Consider study, internship or research options.*

Fall Semester 4	Spring Semester 4	Summer 4
ENVR electives[2] Semester off campus • WIC • ISDSI • DIS • HNGR *Complete CATC Coursework*	ENVR 494 Environmental Science Capstone* ENVR 496 Environmental Science Internship[5]*, if not complete ENVR electives[2] *Complete CATC Coursework*	ENVR 496: Internship[5], if not complete

Notes or Special Guidance for Majors:

*Course has prerequisite
[F] Fall only course
[S] Spring only course
[#] Offered every other year
[1] Courses that meet the CATC Thematic Core tags (a maximum of 3 tags can meet both Thematic Core and major requirements): ENVR 212 (SP), GEOL 212 (SP), HNGR 114 (GP, SI), URBN 114 (GP, SI), ENVR 341 (AAQR)

[2] A minimum of 12 credits are required for major.

[3] A field course is required. Wheaton in the Black Hills is the best options for this as it also covers the required Biology courses. The HNGR program and other off campus programs note that students that go to Wheaton in the Black Hills are very well prepared for their program.

[4] These courses are offered at The Wheaton College Field Station in South Dakota in the summer through Wheaton in the Black Hills. Alternately, BIOL 351 is offered every fall and BIOL 242 is offered every spring.

[5] ENVR 496, an internship (or equivalent research experience, ENVR 495), is required. These are 320-hour experiences (8 weeks, 40 hours a week). Normally this is done the summer between your third and fourth year. Students who have completed enough technical coursework (including field course) sometimes do this after their second year. HNGR and Wheaton in Chicago internships may count for this requirement if they meet department requirements.

- If interested in environmental science graduate study additional studies in the basic sciences is usually needed: An additional semester or two of chemistry and some graduate programs will also require calculus.