



A.A.S. Environmental Health & Water Quality Technology >
B.S. Environmental Science

The environmental science major is an interdisciplinary science program which explores the interactions and relationships between human and natural systems. Through core classes, students integrate geologic, atmospheric, chemical and biological knowledge to address natural resource management and environmental issues. The environmental science program allows the student to tailor the curriculum to his or her professional goals. Environmental science is a growing field which requires a bachelor's degree in most job sectors. The major prepares students for careers in natural resource management, environmental protection, environmental consulting, government, and air, water, and soil quality. In addition, our students can earn a master's degree in environmental science via our 3+2 partnerships with Alaska Pacific University or with the School of Freshwater Sciences at UWM.

Environmental Science CORE COURSES with transfer equivalencies:

Carroll University

Milwaukee Area Technical College

ENV105/105L Earth Science and lab	Up to 64 elective credits from this Associates degree
ENV150/150L Climate Science and lab	will be accepted and applied towards the total
ENV201 Problem Solving Env Systems	graduation credits required.
ENV277 Natural Resource Management	
ENV325/325L Soils and Hydrology + lab	
ENV367/367L Geog Info Systems + lab	
ENV370/370L Earth Surface Proc + lab	
ENV455 Watershed Management	

Required SUPPORT COURSES with transfer equivalencies:

BIO120/120L General Biology + lab	
CHE109/109L Prin of Chemistry 1 + lab	NATSCI211 Chemistry 1
CHE110/110L Prin of Chemistry 2 + lab	NATSCI212 Chemistry 2

Pioneer Core - General Education requirements with transfer equivalencies:

All students must fulfill the Carroll University Pioneer Core requirements including the Cross-Cultural and Distribution components to receive their degree.

Cross-Cultural Components with transfer equivalencies:

CCS101 Cross Cultural Seminar	
ENG170 Writing Seminar	ENG201 English 1
CCD Cross Cultural Development	
CCS300 Cross Cultural Experience	
CCS400 Global Perspectives Colloquium	

Distribution Components

The Distribution Components includes four introductory level General Education 1 (G1) courses and one higher-level General Education 2 (GE2) course, outside of their major. A GE2 course must be from the same discipline as one of the GE1 courses previously taken (e.g., a GE1 English course and a GE2 English course). Students will complete coursework in

Fine Arts | Humanities | Philosophy/Ethics/Religion | Social Sciences | Natural Sciences

Sample of WCTC courses that will fulfill the Distribution Components: (GE1, GE2)

Environmental Science majors are waived from N1/N2 requirements

	Fine Arts	Humanities	Social Sciences	Natural Sciences	Phil/Eth/Rel
Choose one GE1 course:	F1	H1	S1	N1 met with CHE109	P1
Choose one GE2 course:	F2	H2	S2	N2 met with ENV367	P2

Graduation Requirements

- **Mathematical Literacy** Environmental Science majors complete the following:

CMP112 Computational Thinking I and	MATH260 Statistics
CMP114 Computational Thinking II	BADM104 Business Statistics

- **University Convocation Program** – attendance at 2 events per year for full-time students.
- Students must earn a minimum of 128 credits, with the last 32 credits completed at Carroll.
- Students must earn a minimum 2.0 cumulative grade point average, a minimum 2.0 Carroll University grade point average and a minimum 2.0 grade point average within their major.
- One-fourth of the major requirements must be completed at Carroll University.
- A total of 64 credits may transfer from two-year institutions.
- An unlimited number of credits are eligible for transfer from four-year institutions.
- Students with the Associate of Applied Science degree in Environmental Health and Water Quality Technology generally transfer with junior standing.

Due to changes in course content at Milwaukee Area Technical College and Carroll University, the equivalencies are subject to change. For more information, contact the Carroll University Office of Admission 262 524.7220 or check the website at www.carrollu.edu.