

ENVIRONMENTAL SCIENCE AS

Purpose: RCTC offers an Associate of Science (AS) degree in Environmental Science, which prepares students for jobs in the environmental sciences and includes excellent internship opportunities for students. The program provides students with foundational coursework to transfer into four-year Bachelor of Science (BS) degree programs in environmental science-related and biological fields of study.

Award

Environmental Science AS Degree..... 60 credits total
Program Requirements..... 29 credits
MnTC curriculum/General Education..... 31 credits

RECOMMENDED FULL-TIME COURSE SEQUENCE

Not all courses are scheduled every semester. See course schedule: <https://eservices.minnstate.edu/registration/search/basic.html?campusid=306>.

Semester 1 ENGL 1117 Reading and Writing Critically I BIOL 1100 Environmental Biology BIOL 1220 General Biology I BIOL 2200 Zoology (offered even years) OR BIOL 2000 Ecology (offered odd years) <p style="text-align: right;">Total Credits 15</p>	4 cr 3 cr 4 cr 4 cr or 4 cr	Semester 2 BIOL 1102 Plant Biology BIOL 1230 General Biology II BIOL 1300 Biological Applications of GIS (offered even years) OR BIOL 1310 Environmental Science Seminar ENGL 1118 Reading and Writing Critically II <p style="text-align: right;">Total Credits 13-14</p>	3 cr 4 cr 2 cr or 3 cr 4 cr
Semester 3 BIOL 2200 Zoology (offered even years) OR BIOL 2000 Ecology (offered odd years) CHEM 1127 General Chemistry I PHIL 1125 Ethics OR PHIL 1130 Environmental Ethics MATH 2208 Statistics <p style="text-align: right;">Total Credits 15</p>	4 cr or 4 cr 4 cr 3 cr or 3 cr 4 cr	Semester 4 BIOL 1300 Biological Applications of GIS (offered even years) OR BIOL 1310 Environmental Science Seminar BIOL 2300 Genetics CHEM 1128 General Chemistry II SOC 1614 Introduction to Sociology COMM 1114 Fundamentals of Public Speaking <p style="text-align: right;">Total Credits 16-17</p>	2 cr or 3 cr 4 cr 4 cr 3 cr 3 cr

RECOMMENDED PART-TIME COURSE SEQUENCE

Not all courses are scheduled every semester. See course schedule: <https://eservices.minnstate.edu/registration/search/basic.html?campusid=306>.

Semester 1 – Fall BIOL 1100 Environmental Biology BIOL 1220 General Biology I <p style="text-align: right;">Total Credits 7</p>	3 cr 4 cr	Semester 2 – Spring BIOL 1102 Plant Biology BIOL 1230 General Biology II BIOL 1300 Biological Applications of GIS (offered even years) OR BIOL 1310 Environmental Science Seminar <p style="text-align: right;">Total Credits 9-10</p>	3 cr 4 cr 2 cr or 3 cr
Semester 3 – Summer ENGL 1117 Reading and Writing Critically I <p style="text-align: right;">Total Credits 4</p>	4 cr		

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Semester 4 – Fall BIOL 2200 Zoology (offered even years) OR BIOL 2000 Ecology (offered odd years) CHEM 1127 General Chemistry I <p style="text-align: right;">Total Credits 8</p>	4 cr or 4 cr 4 cr	Semester 5 - Spring BIOL 1300 Biological Applications of GIS (offered even years) OR BIOL 1310 Environmental Science Seminar CHEM 1128 General Chemistry II <p style="text-align: right;">Total Credits 6-7</p>	2 cr or 3 cr 4 cr
Semester 6 – Summer ENGL 1118 Reading and Writing Critically II <p style="text-align: right;">Total Credits 4</p>	4 cr		
Semester 7 – Fall BIOL 2200 Zoology (offered even years) OR BIOL 2000 Ecology (offered odd years) COMM 1114 Fundamentals of Public Speaking <p style="text-align: right;">Total Credits 7</p>	4 cr or 4 cr 3 cr	Semester 8 – Spring BIOL 2300 Genetics MATH 2208 Statistics PHIL 1125 Ethics OR PHIL 1130 Environmental Ethics <p style="text-align: right;">Total Credits 11</p>	4 cr 4 cr 3 cr or 3 cr
Semester 9 – Summer SOC 1614 Introduction to Sociology <p style="text-align: right;">Total Credits 3</p>	3 cr		

Course descriptions can be found at: <https://www.rctc.edu/academics/courses/course-descriptions>.