

## 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>.*

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

### **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>.*

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

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

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