

Bachelor of Science in Conservation and Restoration Science

Degree Map & Planning Information

Admissions Information

There are no formal prerequisites for the CRS major. Current UW Bothell students in good standing may submit a major declaration form through the UWB website.

Curriculum Information

General Education

To be eligible for graduation from the University, with the baccalaureate degree, a student must complete a minimum of 180 academic credits and satisfy all other specific requirements. The University of Washington Bothell has established minimum general education requirements for baccalaureate degrees. These minimum requirements are:

- English Composition – 5 credits (a minimum grade of 2.0 is required)
- Additional Writing – 10 credits
- Reasoning (RSN) – 5 credits
- Natural Sciences (NSc) – 15 credits
- Arts and Humanities (A&H) – 15 credits
- Social Sciences (SSc) – 15 credits
- Diversity – 5 credits (can overlap with General Education requirements above)

Major Requirements

For the Conservation & Restoration Science major, students must complete the following courses:

- Conservation & Restoration Science Introductory Science Coursework (31 credits):
 - B MATH 123 Precalculus II or MATH 120 Precalculus (5 credits)
 - Students who complete Calculus coursework do not need to complete a Precalculus Course. See your Academic Advisor for assistance.
 - BIS 215 Understanding Statistics or other Introductory Statistics Course (B MATH 215, B BUS 215, or STAT 220/290) (5 credits)
 - B BIO 180 or BIO 180 Introductory Biology I (5 credits)
 - B CHEM 143 & B CHEM 144 General Chemistry and Lab (CHEM 120, CHEM 142 CHEM 143, or CHEM 145 or equivalent) (5 or 6 credits)
 - BIS 242 Environmental Geography or BIS 243 Introduction to Environmental Issues (5 credits)
 - BIS 245 Environment & Humanities (5 credits) (WIN quarter)

- Conservation & Restoration Science Core Coursework (45 credits):
 - BES 301 Science Methods & Practice or BST 301 Scientific Writing (5 Credits)
 - BES 312 Ecology or B BIO 471 Plant Ecology (5 credits)
 - BES 362 Introduction to Restoration Ecology (5 credits) (AUT or SPR quarter)
 - BES 385 Biodiversity Conservation (5 credits) (WIN quarter)
 - BES 316 Ecological Methods or BEARTH 317 Soils in the Environment or BEARTH 318 Hydrogeology or BEARTH 321 Geomorphology (5 credits)
 - BIS 307 Environmental Justice (AUT/WIN quarter) or BIS 304 Political Economy and the Environment (SPR quarter) (5 credits)
 - B GIS 342 Geographic Information Systems (5 credits)
 - BIS 356 Ethics and the Environment (AUT or SPR quarter) or BIS 456 Climate Anxiety, Grief, and Resilience (SPR quarter) (5 credits)
 - BIS 386 Climate Change Adaptation (WIN or SPR quarter) or BEARTH 320 Impacts of Climate Change (SPR quarter) (5 credits)
- Conservation & Restoration Science Elective Coursework (20 credits)
See list maintained on the department website for course options

Sample 4-year Course Plan

Year 1

Autumn	Winter	Spring	Summer
B WRIT 134 (5)	B BIO 180 (5)	B WRIT 135 (5)	
B CORE A&H or SSc (5)	BMATH 122 (5) Pre-Calc I, if needed as prereq	B MATH 123 Pre-Calc II	
B CHEM 143 +144 General Chem I + Lab (6)	A&H or SSc (5)	A&H or SSc (5)	

Year 2

Autumn	Winter	Spring	Summer
BIS 242 or BIS 243 (5)	BIS 245 Environment & Humanities (5)	BES 312 Ecology (5) or BBIO 471 Plant Ecology	
BIS 215 (RSN) (5)	A&H or SSc (5)	CRS Elective, choose from list (5)	
A&H or SSc (5)	Elective (5)	A&H (5)	

Year 3

Autumn	Winter	Spring	Summer
BES 301 or BST 301 (5, also is W course)	BES 316 or BEARTH 317 or 318	BES 362 (5)	
BIS 307 Environmental Justice (5, is SSc course)	B GIS 342 Geographic Information Systems (5)	CRS Elective, choose from list (5)	

Elective (5)	CRS Elective or Elective (5)	Elective (5)	
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Year 4

Autumn	Winter	Spring	Summer
BIS 356 Ethics and the Environment (5)	BES 385 Biodiversity Conservation (5)	BIS 386 Climate Change Adaptation (5) or BEARTH 320 Impacts of Climate Change (5)	
CRS Elective, choose from list (5)	CRS Elective, choose from list (5)	CRS Elective, choose from list (5)	
BES 492 (3) Capstone I	BES 493 (7) Capstone II	CRS Elective, choose from list (5)	

This is a sample schedule of courses based on degree requirements. The actual degree plan may differ depending on the course of study selected, the number of starting credits, or the starting admission point. This guide is not a substitute for academic advising. For more information, contact your academic advisor or visit www.uwb.edu/advising.