

Central Connecticut State University
School of Engineering, Science, and Technology

Degree: Bachelor of Science
Program: Climate Change
Effective Term: Fall 2025

Name: _____

ID#: _____

General Education: Ways of Understanding:

Arts & Humanities (9 credits)

	Credits	Grade
Literature	3	
	3	
	3	

Social & Behavioral Sciences (12 credits)

History	3	
	3	
	3	
	3	

ATH Math & Natural Sciences (9-10 credits)

MATH from Related Requirements	X	
BIO 132 & 133	X	
CHEM 161 & 162	X	

General Education: Essential Skills:

Written & Oral Communication (6 credits)

WRT 105 or 110	3	
	3	

World Language (0-6 credits) or Gen Ed Free Elective (3 credits)

World Language course numbered 112 or 118* or Gen Ed Free Elective	3	
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Thriving in College (2-3 credits)

CCSU 102, 103, or FYE course**	2-3	
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A maximum of 16 credits applied towards Ways of Understanding and Essential Skills requirements may be used to fulfill a major and/or minor requirement.

International & Equity, Justice, & Inclusion (EJI) Requirements:

International	3	
International	3	
Equity, Justice, & Inclusion***	3	

Coursework applied toward International & EJI requirements may be used in any other area of general education or program requirements.

Honors Program: HON courses can be used to fulfill certain general education requirements. Consult the Honors Program curriculum for details.

Residency Requirements: A minimum of 30 credits overall must be completed in residence, with at least 15 credits in the major (at least 12 of which must be at the 300 level or above) and 9 credits in a minor at Central. In residence means attending classes conducted on campus or under supervision of Central.

Major Requirements (63-65 credits)

Requires grade of C or higher, unless otherwise specified.

	Credits	Grade
Foundational Courses (6 credits)		
2 classes in: CCS 109, 121, 122 or 209	3	
	3	
Equity/Justice and Climate Change (3 credits)		
1 class in: ESCI 102 or PHIL 241	3	
Communicating Climate Change (3 credits)		
1 class in COMM 451, HIST 221 or JRN 201	3	
Policy and Climate Change (3 credits)		
1 class in GEOG 433 or PS 455	3	
CCS 490 Seminar in Climate Change Studies	1	
CCS 491 Climate Change Studies Capstone OR CS 492 Climate Change Studies Internship	3	
Focus Area: Policy & Planning (3 credits)		
1 class in: ECON 370, 380, ESCI 455, GEOG 270, 445, 433 or GEOG/SUST 475	3	
Focus Area: Spatial Data Analysis (3 credits)		
1 class in ESCI 350, 478, GEOG 266 or 377	3	
Focus Area: Science Content (18 credits)		
BIO 436, CE 376, CHEM 406, CCS/GEOG/SUST 209, ESCI 129, 131,135,141,145, 425, 431, 441,442, 455, GEOG/SUST 275, 475		
<i>*At least 12 credits in 300 level or higher, at least 6 at the 400 level.</i>		
	3	
	3	
	3	
	3	
	3	
	3	

Related Requirements (20-22 credits)

BIO 132 Introductory Ecology	3	
BIO 133 Laboratory in Introductory Ecology	1	
CHEM 161 General Chemistry	3	
CHEM 162 General Chemistry Laboratory	1	
CHEM 201 Foundations of Analytical Chem Lab	1	
CHEM 260 Foundations of Inorganic Chemistry	3	
PHYS 121 General Physics I	4	
MATH 119 or MATH 124 or MATH 115 AND MATH 116 or MATH 115 AND MATH 125	4-6	

Coursework applied toward Related or Additional requirements may be used in any other area of general education or program requirements.

Is a Minor Required with this Major?

Yes No

Free Electives may be used, as needed, to reach the total credits required for the degree when all other degree requirements have been met.

Total Credits Required for Degree: 120

* Students with 3 years, or more, of one world language at the high school level, a passing score on a world language placement exam, or native proficiency in a language other than English will have the World Language requirement waived and can satisfy this requirement with any general education free elective course (3cr).

** Transfer students with 24 or more transfer credits at the time of admission can satisfy this requirement with any general education free elective (3cr).

*** Waived for transfer students with 50 or more transfer credits at the time of admission.