

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

Degree: Bachelor of Arts
Program: Mathematics
Specialization: Statistics
Effective Term: Fall 2025

Name: _____

ID#: _____

General Education: Ways of Understanding:

Arts & Humanities (9 credits)

	Credits	Grade
English Literature	3	

Social & Behavioral Sciences (12 credits)

	Credits	Grade
History	3	

Math & Natural Sciences (11-12 credits)

	Credits	Grade
Natural Science course with lab	3-4	
MATH 152	X	
MATH 221	X	

General Education: Essential Skills:

Written & Oral Communication (6 credits)

	Credits	Grade
WRT 105 or 110	3	

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

	Credits	Grade
World Language course numbered 112 or 118* or Gen Ed Free Elective	3	

Thriving in College (2-3 credits)

	Credits	Grade
CCSU 102, 103, or FYE course**	2-3	

A maximum of 16 credits (4 courses) 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:

	Credits	Grade
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.

* 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.

Major Requirements (58 credits)

Requires grade of C- or higher, unless otherwise specified.

	Credits	Grade
MATH 152 Calculus I	4	
MATH 218 Discrete Mathematics	4	
MATH 221 Calculus II	4	
MATH 222 Calculus III	4	
MATH 228 Introduction to Linear Algebra	4	
MATH 366 Intro to Abstract Algebra or MATH 377 Intro to Real Analysis	4	
STAT 215 Statistics for Behavioral Sciences I	3	
STAT 216 Stat for Behavioral Sciences II or STAT 453 Applied Statistical Inference	3	
STAT 315 Mathematical Statistics I	3	
STAT 416 Mathematical Statistics II	3	
Select 2 classes from: STAT 425, 455, 456, 465, 476	6	
Electives (select 16 credits from the following): ACTL 335 or 465 or 466 or 481 or BIO 305 or CS 151* or 152 or 253 or 473 or ECON 460 or 485 or GEOG 476 or MATH 300 or 491 or PSY 302 or 451 or STAT 425 or 455 or 456 or 465 or 476	16	

*Note: **CS 151** is strongly recommended.

Is a Minor Required with this Major?

Yes No

Total Credits Required for Degree: 120