

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

**Degree:** Bachelor of Arts  
**Program:** Mathematics  
**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 (38 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 Introduction to Abstract Algebra  | 4       |       |
| MATH 377 Introduction to Real Analysis   | 4       |       |
| MATH 450 Research Seminar  | 4       |       |
| <b>Math Electives (choose 6 credits from the following list):</b> MATH 300, 355, 383, 398, 400, 421, 422, 440, 455, 465, 468, 469, 477, 483, 485, 491; STAT 315, 416, 425, 455, 456, 465, 476; ACTL 335, 465, 481, 482 | 6       |       |
|  |         |       |

**Minor Requirements**

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

|  | Credits | Grade |
|--|---------|-------|
|  |         |       |
|  |         |       |
|  |         |       |
|  |         |       |
|  |         |       |
|  |         |       |
|  |         |       |

**Is a Minor Required with this Major?**

Yes       No

\*A minor is required with this major but is not required for the Mathematics Honors concentration.

**Total Credits Required for Degree: 120**