

Plan of Study

Mathematical Sciences

CENTRAL CONNECTICUT STATE UNIVERSITY

New Britain, Connecticut 06050-4010

Effective: **Fall 2015**

Name _____

Banner ID _____

Major: Mathematics (B.A.)

Minor: _____

Entry: Fall _____ Spring _____ Transfer Cr. _____

General Education (44-46 cr.):

Study Area I-Arts & Humanities (9 cr.)
ENG LIT _____

Study Area II-Social Sciences (9 cr.)
HIST _____

Study Area III-Behavioral Sci. (6 cr.)

Study Area IV-Natural Sci. (6-8 cr.)*
_____ lab cr.
_____ lab cr.

*Two laboratory science courses are Required.

Skill area I-Comm. Skills (6 cr.)
ENG 110 _____

Skill area II- Mathematics (6 cr.)
MATH 152 _____
MATH 221 _____

Skill Area III- Foreign Lang. Proficiency
__3 sequential years of one foreign language at the high school level
__Passed the foreign language exam
__Completed foreign language course 112 or higher
__Demonstration of native proficiency in a language other than English

Skill Area IV-Univ. Requirement (2-3 cr.)
__PE 144 (required if matriculated with less than 15 credits)

Major (38 credits):

MATH 152 (4)
Calculus I _____
MATH 218 (4)
Discrete Math _____
MATH 221 (4)
Calculus II _____
MATH 222 (4)
Calculus III _____
MATH 228 (4)
Linear Algebra _____
MATH 366 (4)
Abstract Algebra _____
MATH 377 (4)
Real Analysis _____
MATH 450 (4)
Proof Seminar _____

Major Electives (6 credits): Choose from

MATH 300, 355, 383,
398, 400, 421, 440,
455, 465, 468, 469,
477, 491; STAT 315,
416, 425, 455, 456,
465, 476; ACTL 335;
465, 481, 482

1. _____
2. _____

Minor:

Six credits designated
“international” met? __Yes __No

First year experience requirement met: _____

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General Electives (to complete the required 120 credits):

*** CS 151 is strongly recommended.

Double-counting limitations: Six credits taken in Math major area may be used to satisfy requirements in Skill Area II. Six credits in minor area may be used to satisfy requirements in one of the study areas for General Education.

Residency Requirement: To be considered a CCSU graduate, a minimum of 45 credits with 15 credits in the Major and 9 credits in the Minor must be taken at CCSU.

Note: Eligibility for high honors requires the student to earn 62 credits at CCSU.