

# Plan of Study

Mathematical Sciences

CENTRAL CONNECTICUT STATE UNIVERSITY

New Britain, Connecticut 06050-4010

Effective: Fall 2007

Name \_\_\_\_\_

Banner ID \_\_\_\_\_

Major: Mathematics (B.A.)

Minor: \_\_\_\_\_

Entry: Fall \_\_\_\_\_ Spring \_\_\_\_\_ Transfer Cr. \_\_\_\_\_

**General Education (44-46 cr.):**

Study Area I-Arts and 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 244 (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 250, 300, 383,

355, 398, 421, 440,

455, 468, 469, 470,

477, 491; STAT 315,

416, 425, 455, 456,

465, 476; ACTL 335;

465, 480, 481, 482

1. \_\_\_\_\_

2. \_\_\_\_\_

**Minor:**

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

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\_\_\_\_\_

\_\_\_\_\_

Six credits designated

“international” met? \_\_Yes \_\_No

First year experience requirement met: \_\_\_\_\_

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General Electives (to complete the required 122 credits):

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\*\*\* 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.**