COLORADO STATE UNIVERSITY
MATHEMATICS MAJOR
CONCENTRATION IN GENERAL MATHEMATICS

Name: _____ SSN: _____ Adviser: _____

Term of Grad.: _____

Local Address: _____ Zip: _____ Phone: _____ E-Mail: _____

CORE COURSES (38-44 CREDITS)

CC = Core Curriculum

FRESHMAN SEMINAR 2-3

Select one or two courses:
(M CC 192 and STCC 192 are recommended):

____ _____ [_]

____ _____ [_]

COMMUNICATION 6-8

____ COCC 150 College Composition [3]

Select one course from CC II-B

____ _____ [3-5]

BIOLOGICAL/PHYSICAL SCI 13

_____ PHCC141 Physics-Sci&Eng I [5]

_____ PHCC142 Physics-Sci&Eng II [5]

Select one courses from CC III-A other to than Physics total credits to at least 13 credits.

_____ _____ [_]

ARTS/HUMANITIES 3

Select one course from CC IIIB.

____ _____ [3]

SOCIAL/BEHAVORIAL SCIENCES 3

Select one course from CC IIIC.

____ _____ [3]

HISTORICAL PERSPECTIVES 3

Select one course from CC IIID.

____ _____ [3]

CULTURAL AWARENESS 3

Select one course from CC IIIE.

____ _____ [3]

PUBLIC VALUES * 3

Select one course from CC IIIF.

____ _____ [3]

HEALTH AND WELLNESS 2-3

Select one course from CC IIIG.

____ _____ [__]

The program of study shown is subject To approval by the University Curriculum Committee

MATH SCIENCES (49 CREDITS)

(Grade of C or higher required in every Math, Computer Science and Statistics course in this column.)

MATHEMATICS 30

_____ M CC 160 Calc for Phys Sci I [4]

_____ M CC 161 Calc for Phys Sci II [4]

_____ M229 Matrices & Linear Eqn [2]

_____ M261 Calc for Phys Sci III [4]

_____ M317 Adv Calc of One Var. [4]

_____ M366 Intro to Abstract Algebra [3]

_____ M369 Linear Algebra [3]

Select either

_____ M366 Intro to Abstract Algebra [3]

OR

_____ M360 Math of Info Sec [3]

Select two of :

_____ M417 Advanced Analysis [3]

OR

_____ M419 Complex Variables [3]

OR

_____ M460 Info Integ & Security [3]

OR

_____ M466 Groups, Rings & Fields [3]

including at least one of M417 or M466 (Capstone).

COMPUTER SCIENCE 4

____ CSCC 153 Intro Java Program. [4]

STATISTICS 3

_____ STCC 309 Engineering Statistics [3]

MATH SCIENCE ELECTIVES 12

Select **3 credits** from a) below

_____ _____ [__]

and **9** additional **credits** from a) **or** b)

_____ _____ [__]
_____ _____ [__]
_____ _____ [__]

a) Upper-division mathematics except courses ending in -80 to -99 and M315.

b) Upper-division computer science and/or statistics except courses ending in -80 to -99.

MINOR, SECOND MAJOR

MINOR: _____

SECOND MAJOR:

ADDITIONAL COURSES (29-33 CREDITS)

UNRESTRICTED ELECTIVES 29-33

Term	Course	Credits
_____	_____	[__]
_____	_____	[__]
_____	_____	[__]
_____	_____	[__]
_____	_____	[__]
_____	_____	[__]
_____	_____	[__]
_____	_____	[__]
_____	_____	[__]
_____	_____	[__]
_____	_____	[__]
_____	_____	[__]
_____	_____	[__]
_____	_____	[__]
_____	_____	[__]

GRADUATION REQUIREMENTS

Total Credits . . . . . .[_____]
(At least 120 credits)
Upper-Division Credits . . . . . [_____]
(At least 42 credits)
CSU Grade Point Average . . . . . [_____]
(At least 2.0)

M117, M118, M120, M121, M124, M125 and M126 are considered by the Department of Mathematics to be review courses. Credits in these courses may not be used as part of a degree in math.

Transfer students must complete a minimum of 9 upper-division credits in mathematics at CSU, excluding M315, M340, and mathemat-ics courses ending in -80 to 99.

See Colorado State University General Catalog for complete statement of graduation requirements. Visit the Math Department web site for information on updated courses and requirements:

www.math.colostate.edu

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