COLORADO STATE UNIVERSITY
MATHEMATICS MAJOR
CONCENTRATION IN GENERAL MATHEMATICS

Name: _____ SSN: _____ Adviser: _____ Term of Grad.: _____

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

CORE COURSES (40-44 CREDITS)

CC = Core Curriculum

FRESHMAN SEMINAR 2-3

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

____ _____ [_]

____ _____ [_]

COMMUNICATION SKILLS 6-8

____ COCC 150 College Composition [3]

Select one course from CC II-B

____ _____ [3-5]

NATURAL SCIENCES 15

Select courses, at least one with a lab, from CC III-A to total credits to at least 15 credits. Must include PHCC 141-PHCC 142 or 6 upper-division credits. Must include at least 2 different prefixes.

____ _____ [_]
____ _____ [_]
____ _____ [_]
____ _____ [_]

ARTS and HUMANITIES 3

Select one course from CC IIIB.

____ _____ [3]

SOCIAL SCIENCES 3

Select one course from CC IIIC.

____ _____ [3]

HISTORY 3

Select one course from CC IIID.

____ _____ [3]

GLOBAL AWARENESS 3

Select one course from CC IIIE.

____ _____ [3]

PUBLIC VALUES * 3

Select one course from CC IIIF.

____ _____ [3]

WELLNESS 2-3

Select one course from CC IIIG.

____ _____ [__]

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 Eqtn [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 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 151 Intro to C++ [4]
OR
____ 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: _____

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

ADDITIONAL COURSES (27-31 CREDITS)

UNRESTRICTED ELECTIVES 27-31

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)

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

FALL 2001 – REVISED 05/09/01

* Several Public Value courses may be double counted in one other area