COLORADO STATE UNIVERSITY
MATHEMATICS MAJOR
CONCENTRATION IN GENERAL MATHEMATICS

NAME: _____ CSUID: _____ ADVISER: _____ TERM OF GRAD: _____

LOCAL ADDRESS: _____ ZIP: _____ PH: (_____)_____ E-Mail: _____

CORE COURSES (36-38 credits)

FRESHMAN SEMINAR **2**

_____ MATH 192 First-Year Seminar in Mathematical Sciences [1]
_____ STAT 192 First-Year Seminar in Mathematical Sciences [1]

COMMUNICATION **6**

_____ CO 150 College Composition [3]
_____ JTC 300 Prof & Tech Communication [3]

BIOLOGICAL/PHYSICAL SCIENCES **13**

_____ PH 141 Physics-Sci & Engr I [5]
_____ PH 142 Physics-Sci & Engr II [5]

Select any courses from Category 3-A in a department other than physics.
Total credits to at least 13 credits.
_____ _____ [__]

ARTS/HUMANITIES **6**
Select two courses from Category 3-B
_____ _____ [3]
_____ _____ [3]

SOCIAL/BEHAVIORAL SCIENCES **3**
Select one course from Category 3-C
_____ _____ [3]

HISTORICAL PERSPECTIVES **3**
Select one course from Category 3-D
_____ _____ [3]

GLOBAL/CULTURAL AWARENESS **3**
Select one course from Category 3-E
_____ _____ [3]

MINOR, SECOND MAJOR

MINOR: _____

SECOND MAJOR: _____

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

MATHEMATICAL SCIENCES (49–50 credits)

(Grade of C or higher required in all Mathematics, Computer Science, Statistics courses in this column)

MATHEMATICS **24-25**

____ MATH 160 Calc for Physical Scientists I [4]
____ MATH 161 Calc for Physical Scientists II [4]
____ MATH 261 Calc for Physical Scientists III [4]
____ MATH 369 Linear Algebra [3]

Select* one of
____ MATH 317 Advanced Calc of One Variable [4]
OR
____ MATH 417 Advanced Calculus I [3]

Select* one of
____ MATH 366 Intro to Abstract Algebra [3]
OR
____ MATH 360 Math of Information Security [3]
OR
____ MATH 466 Abstract Algebra I [3]

Select* one of: (excluding courses selected above)
____ MATH 417 Advanced Calculus I [3]
OR
____ MATH 418 Advanced Calculus II
OR
____ MATH 466 Abstract Algebra I [3]
OR
____ MATH 467 Abstract Algebra II [3]

Capstone: MATH 417 or MATH 466

COMPUTER SCIENCE **4**
Select **4 credits** from: CS 160; or CS 155, CS 156 and any two of CS 157, MATH 151, MATH 152, MATH/CS 158.
_____ _____ [__]
_____ _____ [__]
_____ _____ [__]
_____ _____ [__]

STATISTICS: Select one of **3**
____ STAT 315 Statistics for Engr & Sci [3]
OR
____ STAT 303/ECE 303 Intro Comm. Principles [3]

MATH SCIENCE ELECTIVES* **18**
Select **9** additional **credits** from upper-division Mathematics except courses ending in -80 to -99
_____ _____ [__]
_____ _____ [__]
_____ _____ [__]
Select **9** additional **credits** from upper-division Mathematics, Computer Science or Statistic except courses ending in -80 to -99
_____ _____ [__]
_____ _____ [__]
_____ _____ [__]

*At least 12 credits from the selected mathematics courses must be on the 400 level or above

ADDITIONAL COURSES (30-33 credits)

UNRESTRICTED ELECTIVES **30-33**

Term	Course	Credit
_____	_____	[__]
_____	_____	[__]
_____	_____	[__]
_____	_____	[__]
_____	_____	[__]
_____	_____	[__]
_____	_____	[__]
_____	_____	[__]
_____	_____	[__]
_____	_____	[__]
_____	_____	[__]
_____	_____	[__]
_____	_____	[__]
_____	_____	[__]
_____	_____	[__]
_____	_____	[__]

GRADUATION REQUIREMENTS

Total credits…….. [___]
(at least 120 credits)
Upper-Division credits……. [___]
(at least 42 credits)
Mathematics 400 level requirement [___]
(at least 12 credits in mathematics courses on the 400 level or above)
CSU Grade Point Average…… [___]
(at least 2.0)

MATH CC 117, MATH CC 118, MATH CC 120, MATH CC 121, MATH CC 124, MATH CC 125 and MATH CC 126 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 MATH 315, MATH 340, and mathematics courses ending in -80 to -99.

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