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 **6-8**

_____ CO 150 College Composition [3]

Select one course from Category 2-A or 2-B:

_____ _____ [3-5]

BIOLOGICAL/PHYSICAL SCIENCES **13**

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

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

Select one science course from Category 3-A in a department other than Physics.

_____ _____ [__]

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

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MATHEMATICAL SCIENCES (49 credits)

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

MATHEMATICS **30**

____ MATH 160 Calc for Physical Scientists I [4]
____ MATH 161 Calc for Physical Scientists II [4]
____ MATH 229 Matrices and Linear Equations [2]
____ MATH 261 Calc for Physical Scientists III [4]
____ MATH 317 Advanced Calc of One Variable [4]
____ MATH 369 Linear Algebra [3]

Select either:
____ MATH 366 Intro to Abstract Algebra [3]

OR
____ MATH 360 Mathematics of Information Security [3]

Select two of:
including at least one of MATH 417 or MATH 466 (Capstone).
____ MATH 417 Advanced Analysis [3]

OR
____ MATH 419 Intro. to Complex Variables [3]

OR
____ MATH 460 Information and Coding Theory [3]

OR
____ MATH 466 Groups, Rings & Fields [3]

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 **3**

_____ STAT 315 Statistics for Engr & Sci [3]

MATH SCIENCE ELECTIVES **12**

Select **3 credits** from a) below

_____ _____ [__]

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

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

(a) Upper-division mathematics except courses ending in -80 to -99 and MATH 315.
(b) Upper-division computer science and/or Statistics except courses ending in -80 to -99.

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)
CSU Grade Point Average…… [___]
(at least 2.0)

MATH 117, MATH 118, MATH 124, MATH 125 and MATH 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.

FALL 2007 – Revised 4/18/07