COLORADO STATE UNIVERSITY
MATHEMATICS MAJOR
CONCENTRATION IN GENERAL MATHEMATICS

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

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

CORE COURSES (35 credits)

FRESHMAN SEMINAR **1**

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

COMMUNICATION **6**

_____ CO 150 College Composition [3]

Select one class from Category 2:

_____ _____ [3]

(JTC 300 recommended)

BIOLOGICAL/PHYSICAL SCIENCES **13**

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

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

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

_____ _____ [__]

ARTS/HUMANITIES **6**

Select two courses from Category 3B

_____ _____ [3]

_____ _____ [3]

SOCIAL/BEHAVIORAL SCIENCES **3**

Select one course from Category 3C

_____ _____ [3]

HISTORICAL PERSPECTIVES **3**

Select one course from Category 3D

_____ _____ [3]

GLOBAL/CULTURAL AWARENESS **3**

Select one course from Category 3E

_____ _____ [3]

MINOR, SECOND MAJOR

MINOR: _____

SECOND MAJOR: _____

MATHEMATICAL SCIENCES (55 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 235 Intro Mathematical Reasoning [2]

____ MATH 261 Calc for Physical Scientists III [4]

____ MATH 340 OR 345 Differential Equations [4]

____ MATH 369 Linear Algebra [3]

Select* one of

____ MATH 317 Advanced Calc of One Variable [3]

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 [3]

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 150 [3], CS 152 [2], CS 163 [4], CS 164 [4], MATH 151 [1], MATH 152 [1], and MATH/CS 158 [1].

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

STATISTICS: Select one of **3**

____ STAT 315 Statistics for Engr & Sci [3]

OR

____ STAT 303/ECE 303 Intro Comm. Prins [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 Statistics except courses ending in -80 to -99

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

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

ADDITIONAL COURSES (30 credits)

UNRESTRICTED ELECTIVES **30**

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 117, MATH 118, MATH 124, MATH 125 and MATH 126 can only be counted as unrestricted electives toward the completion of any degree in Mathematics.

Transfer students must complete a minimum of 9 upper-division credits in mathematics at CSU, excluding 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.

REVISED 5/21/2018