COLORADO STATE UNIVERSITY
MATHEMATICS MAJOR
CONCENTRATION IN STATISTICS

NAME: _____ SSN: _____ ADVISER: _____ TERM OF GRAD: _____

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

Adviser: JENNIFER A. HOETING Room 214 Statistics Phone: 491-2897 E-mail: jah@stat.colostate.edu

CORE COURSES (32-34 credits)

CC = Core Curriculum

FRESHMAN SEMINAR **2- 3**

Select from CC I (STCC 192 or M CC 192 are preferred options):

____ _____

____ _____

COMMUNICATION **6**

_____ COCC150 College Composition [3]

Select one course from CC II-B

_____ _____ [ ]

BIOLOGICAL/PHYSICAL SCI **7**

Select any courses from CC Category III-A, one of which MUST have a formal Lab.

_____ _____ [ ]

_____ _____ [ ]

_____ _____ [ ]

ARTS/HUMANITIES **3**

Select one course from CC III-B

_____ _____ [ ]

SOCIAL/BEHAVIORAL SCIENCES **3**

Select one course from CC III-C

_____ _____ [ ]

HISTORICAL PERSPECTIVES **3**

Select one course from CC III-D

_____ _____ [ ]

GLOBAL/CULTURAL AWARENESS **3**

Select one course from CC III-E

_____ _____ [ ]

U.S. PUBLIC VALUES/INSTITUTIONS **3**

Select one course from CC III-F

_____ _____ [ ]

HEALTH AND WELLNESS **2-3**

Select one course from CC III-G

_____ _____ [ ]

MATHEMATICAL SCIENCES (58 credits)

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

MATHEMATICS **21**

____ M CC160 Calc for Physical Scientists I [4]

____ M CC161 Calc for Physical Scientists II [4]

____ M 229 Matrices/Linear Equations [2]

____ M 261 Calc for Physical Scientists III [4]

____ M 317 Adv. Calc. Of One Variable [4]

____ M 369 Linear Algebra [3]

STATISTICS **24**

____ STCC301 Intro to Statistical Methods [3]

OR

____ STCC/EHCC307 Intro to Biostatistics [3]

OR

____ STCC309 Statistics for Engineers [3]

____ ST302 Design of Experiments [3]

____ ST304 Multiple Regression Analysis [3]

____ ST305 Sampling Techniques [3]

OR

____ ST 321 Elem. Probabilistic/Stochastic Modeling [3]

OR

____ ST460 Applied Multivariate Analysis [3]

____ ST310 Data Analy/DatabaseMgt Tools [3]

____ ST420 Probability/Math Stat I [3]

____ ST430 Probability/Math Stat II [3]

____ ST472 Statistical Consulting [3]

COMPUTER SCIENCE **4**

____ CSCC 153 Intro to Java Programming [4]

MATH SCIENCE ELECTIVES **9**

Upper division computer science, mathematics, or statistics courses (excluding courses ending in –80 to –99 and M315)

_____ _____ [ ]

_____ _____ [ ]

_____ _____ [ ]

MINOR, SECOND MAJOR

MINOR: _____

SECOND MAJOR: _____

The program of study shown is subject to approval by the

ADDITIONAL COURSES

(28-30 credits)

UNRESTRICTED ELECTIVES **29-30**

_____ _____ [ ]

_____ _____ [ ]

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GRADUATION REQUIREMENTS

Total credits…….. [ ]
(at least 120 credits)

Upper-Division credits……. [ ]
(at least 42 credits)

CSU GPA…….. [ ]
(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 mathematics courses ending in -80 to -99.

See the Colorado State GeneralCatalog 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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