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 (32-33 credits)

CC = Core Curriculum

FRESHMAN SEMINAR **2- 3**
Select from CC I (STCC 192 or M CC 192 are preferred options):
____ _____
____ _____

COMMUNICATION SKILLS **6**
_____ COCC150 College Composition [3]

Select one course from CC II-B
_____ _____ [ ]

NATURAL SCIENCES **7**
Select any courses from CC Category III-A, one of which MUST have a formal Lab.
_____ _____ [ ]
_____ _____ [ ]
_____ _____ [ ]

ARTS and HUMANITIES **3**
Select one course from CC III-B
_____ _____ [ ]

SOCIAL AND 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**
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 Engineering Statistics [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 151 C++ for Scientists/Engineers [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 University Curriculum Committee

ADDITIONAL COURSES

(29-30 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)

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 University 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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