COLORADO STATE UNIVERSITY
MATHEMATICS MAJOR
CONCENTRATION IN ACTUARIAL SCIENCE

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

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

CORE COURSES (41-44 CREDITS)

CC = Core Curriculum

FRESHMAN SEMINARS 2

_____ M 192 Freshman Seminar In Mathematics [1]

_____ ST 192 Freshman Seminar In Math Sciences [1]

COMMUNICATION 6-8

____ COCC 150 College Composition [3]

Select one course from CC 2-A

____ _____ [3-5]

BIOLOGICAL/PHYSICAL SCI 10

Select from CC 3-A either two courses with labs or three courses including at least one with a lab. Must include at least two different prefixes.

____ _____ [ ]

____ _____ [ ]

ARTS/HUMANITIES 3

Select one course from CC 3-B.

____ _____ [3]

SOCIAL/BEHAVORIAL SCIENCES 9

_____ ECCC 202 Microeconomics [3]

_____ ECCC 204 Macroeconomics [3]

_____ EC 335/EA 335 Econometrics [3]

HISTORICAL PERSPECTIVES 3

Select one course from CC 3-D.

____ _____ [3]

CULTURAL AWARENESS 3

Select one course from CC 3-E.

____ _____ [3]

PUBLIC VALUES 3

Select one course from CC 3-F.

_____ BGCC 205 Business Law [3]

HEALTH AND WELLNESS 2-3

Select one course from CC 3-G.

____ _____ [__]

MATH SCIENCES (45 CREDITS)

(Grade of C or higher required in every Math, Computer Science and Statistics course in this column.)

MATHEMATICS 29

_____ M CC 160 Calc for Phys Sci I [4]

_____ M CC 161 Calc for Phys Sci II [4]

_____ M229 Matrices & Linear Eqtn [2]

_____ M261 Calc for Phys Sci III [4]

_____ M317 Adv Calc of One Var. [4]

_____ M345 Differential Equations [4]

_____ M369 Linear Algebra [3]

_____ M495A Preparation Exam I [1]

_____ M417 Advanced Analysis (Capstone) [3]

COMPUTER SCIENCE 4

_____ CSCC 153 Java Programming [4]

STATISTICS 12

_____ ST 321 Elem Prob Stoch Model [3]

_____ STCC 309 Engineering Statistics [3]

_____ ST 420 Prob & Math Stat I [3]

_____ ST 430 Prob & Math Stat II [3]

MINOR, SECOND MAJOR

MINOR: _____

SECOND MAJOR: _____

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

ADDITIONAL COURSES (31-34 CREDITS)

BUSINESS 15

_____ BA210 Financial Acctg [3]

_____ BF300 Principles of Fin Mgmt [3]

_____ BF311 Investments-Fixed Inc [3]

_____ BF342 Risk Mgmt & Insur [3]

_____ BF370 Financial Management [3]

_____ BGCC 205 Business Law [*]

UNRESTRICTED ELECTIVES 16-19

_____ _____ [__]

_____ _____ [__]

_____ _____ [__]

_____ _____ [__]

_____ _____ [__]

_____ _____ [__]

_____ _____ [__]

_____ _____ [__]

_____ _____ [__]

_____ _____ [__]

_____ _____ [__]

GRADUATION REQUIREMENTS

Total Credits . . . . . .[_____]
(At least 120 credits)
Upper-Division Credits . . . . . .[_____]
(At least 42 credits)
CSU Grade Point Average.....[_____]
(At least 2.0)

M117, M118, 120, 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 General Catalog for complete statement of graduation requirements. Visit the Math Department web site for information on updated courses and requirements:

www.math.colostate.edu

SPRING 04 - REVISED 4/21/04

* Note that BG205 is a required business course and satisfies the core Public Values requirement.