

**COLORADO STATE UNIVERSITY
MATHEMATICS MAJOR
CONCENTRATION IN ACTUARIAL SCIENCE**

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

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

CORE COURSES (39-40 credits)	MATHEMATICAL SCIENCES (45 credits) (Grade of C or higher required in all Mathematics, Computer Science, Statistics courses in this column).	ADDITIONAL COURSES (33-36 credits)
<p>FRESHMAN SEMINAR <u>2</u></p> <p>_____ MATH 192 First-Year Seminar in Mathematical Sciences [1]</p> <p>_____ STAT 192 First-Year Seminar in Mathematical Sciences [1]</p> <p>COMMUNICATION <u>6</u></p> <p>_____ CO 150 College Composition [3]</p> <p>Select either:</p> <p>_____ JTC 300 Prof. And Tech. Comm. [3]</p> <p>_____ SPCM 200 Public Speaking [3]</p> <p>BIOLOGICAL/PHYSICAL SCIENCES <u>10-11</u></p> <p>Select from Category 3-A either two courses with labs or three courses including at least one with a lab. Must include at least two different prefixes.</p> <p>_____ []</p> <p>_____ []</p> <p>_____ []</p> <p>ARTS/HUMANITIES <u>6</u></p> <p>Select two courses from Category 3-B</p> <p>_____ [3]</p> <p>_____ [3]</p> <p>SOCIAL/BEHAVIORAL SCIENCES <u>9</u></p> <p>_____ ECON 202 Microeconomics [3]</p> <p>_____ ECON 204 Macroeconomics [3]</p> <p>_____ ECON 335/AREC 335 Intro Econometrics [3]</p> <p>HISTORICAL PERSPECTIVES <u>3</u></p> <p>Select one course from Category 3-D</p> <p>_____ [3]</p> <p>GLOBAL/CULTURAL AWARENESS <u>3</u></p> <p>Select one course from Category 3-E</p> <p>_____ [3]</p>	<p>MATHEMATICS <u>29</u></p> <p>_____ MATH 160 Calc for Physical Scientists I [4]</p> <p>_____ MATH 161 Calc for Physical Scientists II [4]</p> <p>_____ MATH 229 Matrices and Linear Equations [2]</p> <p>_____ MATH 261 Calc for Physical Scientists III [4]</p> <p>_____ MATH 317 Advanced Calc of One Variable [4]</p> <p>_____ MATH 345 Differential Equations [4]</p> <p>_____ MATH 369 Linear Algebra [3]</p> <p>_____ MATH 495A Preparation Exam I [1]</p> <p>_____ MATH 417 Advanced Analysis (Capstone) [3]</p> <p>COMPUTER SCIENCE <u>4</u></p> <p>Select 4 credits from: CS 160; or CS 155, CS 156 and any two of CS 157, MATH 151, MATH 152, MATH/CS 158.</p> <p>_____ []</p> <p>_____ []</p> <p>_____ []</p> <p>_____ []</p> <p>STATISTICS <u>12</u></p> <p>_____ STAT 315 Statistics for Engr & Sci [3]</p> <p>_____ STAT 321 Elem Prob Stoch Model [3]</p> <p>_____ STAT 420 Probability/Mathematical Stats I [3]</p> <p>_____ STAT 430 Probability/Mathematical Stats II [3]</p> <hr/> <p>MINOR, SECOND MAJOR</p> <p>MINOR: _____</p> <p>SECOND MAJOR: _____</p> <p>The program of study shown is subject to approval by the University Curriculum Committee.</p> <p style="text-align: center;">FALL 2007 - REVISED 3/26/2007</p>	<p>BUSINESS <u>18</u></p> <p>A coherent set of courses outside the Mathematics Department in which mathematics is applied; approved by the Associate Chair (over for more information).</p> <p>_____ ACT 210 Intro Financial Accounting [3]</p> <p>_____ FIN 300 Principles of Finance [3]</p> <p>_____ FIN 311 Debt Securities Analysis [3]</p> <p>_____ FIN 342 Risk Mgmt & Insurance [3]</p> <p>_____ FIN 370 Financial Management [3]</p> <p>_____ BUS 205 Legal/Ethical Issues [3]</p> <p>UNRESTRICTED ELECTIVES <u>15-18</u></p> <p>_____ []</p> <p>_____ []</p> <p>_____ []</p> <p>_____ []</p> <p>_____ []</p> <p>_____ []</p> <p>_____ []</p> <p>_____ []</p> <p>_____ []</p> <p>_____ []</p> <p>_____ []</p> <p>_____ []</p> <hr/> <p>GRADUATION REQUIREMENTS</p> <p>Total credits [] (at least 120 credits)</p> <p>Upper-Division credits [] (at least 42 credits)</p> <p>CSU Grade Point Average [] (at least 2.0)</p> <p>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.</p> <p>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.</p> <p>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: www.math.colostate.edu</p>