

**COLORADO STATE UNIVERSITY
MATHEMATICS MAJOR
CONCENTRATION IN MATHEMATICS OF INFORMATION**

NAME: _____ ADVISER: _____ DATE OF GRAD.: _____

LOCAL ADDRESS: _____ ZIP: _____ PHONE: _____ EMAIL: _____

COURSES (32-38 CREDITS)	MATH SCIENCES (76 CREDITS) (Grade of C or higher required in every Math, Computer Science & Statistics course in this column.)	ADDITIONAL COURSES (9-12 CREDITS)
CC = Core Curriculum		
FRESHMAN SEMINARS <u>2</u>	MATHEMATICS <u>34</u>	UNRESTRICTED ELECTIVES <u>9-12</u>
_____ M 192 Freshman Seminar In Mathematics [1]	_____ M CC 160 Calc for Phys Sci I [4]	_____ []
_____ ST 192 Freshman Seminar In Math Science [1]	_____ M CC 161 Calc for Phys Sci II [4]	_____ []
COMMUNICATION SKILLS <u>6-8</u>	_____ M229 Matrices & Lin Eq in Sci [2]	_____ []
_____ COCC 150 College Composition [3]	_____ M261 Calc for Phys Sci III [4]	_____ []
Select one course from CC 2-A	_____ M317 Adv Calc of One Var. [4]	_____ []
_____ [3-5]	_____ M345 Differential Equations [4]	_____ []
BIOLOGICAL/PHYSICAL SCI <u>7</u>	_____ M301 Combinatorial Theory [3]	_____ []
Select two courses from CC 3-A. One must include a lab. Must include two different prefixes.	_____ M360 Mathematics of Info Sec [3]	_____ []
_____ [4]	_____ M369 Linear Algebra [3]	_____ []
_____ [3]	_____ M460 Info Integrity Security (Capstone) [3]	_____ []
ARTS/HUMANITIES <u>3</u>	COMPUTER SCIENCE <u>8</u>	_____ []
Select one course from CC 3-B	_____ CSCC153 Intro to Java Prog [4]	_____ []
_____ [3]	_____ CS200 Data Structures [4]	_____ []
BEHAVIORIAL/SOCIAL SCIENCES <u>3</u>	STATISTICS <u>9</u>	_____ []
Select one course from CC 3-C.	_____ STCC 309 Engineering Statistics [3]	_____ []
_____ [3]	_____ ST 304 Multi Regressive Analysis [3]	_____ []
HISTORICAL PERSPECTIVES <u>3</u>	_____ ST 321 Elem Probability Models [3]	
Select one course from CC 3-D.	ELECTRICAL ENGINEERING <u>13</u>	GRADUATION REQUIREMENTS
_____ [3]	_____ EE 102 Digital Circuit Logic [3]	Total Credits []
CULTURAL AWARENESS <u>3</u>	_____ EE 251 Micro processors [4]	(At least 120 credits)
Select one course from CC 3-E.	_____ EE 311 Linear Systems [3]	Upper-Division Credits []
_____ [3]	_____ EE 421 Telecommunications [3]	(At least 42 credits)
PUBLIC VALUES <u>3</u>	EE - MATH SCIENCE ELECTIVE <u>12</u>	CSU Grade Point Average []
Select one course from CC 3-F.	Select 12 credits from (a) and (b) below. Must include at least 6 credits from (a).	(At least 2.0)
_____ [3]	(a) Upper-division mathematics except courses ending in numbers -80 to -99 and M CC315	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.
HEALTH AND WELLNESS <u>2-3</u>	(b) Upper-division Computer Science, Electrical Engineering, Mathematics or Statistics except courses ending in -80 to -99.	Transfer students must complete a minimum of 9 upper-division credits in mathematics at CSU, excluding M315, M340/M345, and mathematics courses ending in -80 to -99.
Select one course from CC 3-G	_____ []	See 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
	MINOR AND/OR SECOND MAJOR	
	MINOR: _____	
	SECOND MAJOR: _____	
	The program of study shown is subject to approval by the University Curriculum Committee	
		SPRING 2004 – REVISED 4/22/04

* Several Public Value courses may be double counted in one other area