

College of Health & Sciences

2007-2008 Mathematics - Applied Mathematics/Pre-Actuary Degree Plan

FIRST YEAR - FRESHMAN

<u>Fall Semester</u>		<u>Spring Semester</u>	
UNIV	1001 * Freshman Seminar	ENG	1213 * Freshman Composition II
ENG	1113 * Freshman Composition I		---3 * Humanities & Social Sciences**
PS	1113 * United States Government	MATH	1713 Trigonometry
MATH	1513 * College Algebra		1-14 * Physical Science**
CMPSC	1113 * Computer Programming I	MATH	2213 Introduction to Probability & Statistics
COMM	1113 * Fundamentals of Speech OR COMM 2253 Comm in the Workplace		
16 TOTAL HOURS		16 TOTAL HOURS	

SECOND YEAR - SOPHOMORE

<u>Fall Semester</u>		<u>Spring Semester</u>	
	---3 * Humanities-Western Civilization**	BIOL	1-14 * Life Science**
MATH	2825 Calculus & Analytic Geometry I	MATH	3025 Calculus & Analytic Geometry II
HIST	24-3 * United States History Survey**	MIS	1903 Computer Business Application
	---3 * Humanities-Cultural/Human Diversity**	UNIV	3001 * General Education Seminar**
ECON	2003 * Prin and Prob of Economics	ECON	2013 Principles of Micro Economics
17 TOTAL HOURS		16 TOTAL HOURS	

THIRD YEAR - JUNIOR

<u>Fall Semester</u>		<u>Spring Semester</u>	
MATH	3033 Calculus & Analytic Geometry III	MATH	3713 Linear Algebra
ACCT	2103 Financial Accounting	Choose one	---3 MATH 3513 Mathematical Statistics
ENG	3183 Technical and Prof Writing		MATH 3583 Applied Statistic
			CMPSC 3933 Discrete Math; CMPAC 4413
KIN	2122 * Wellness Or Nutrition FCS 1513	Choose one	---3 Numerical Methods
			MATH 4113 Differential Equations;
Choose one: ---3	FIN 4333 Managerial Finance	Take both	FIN 3913 Principles of Insurance;
	MIS 3433 Management Info Systems	if offered: ---6	otherwise select 6 hours of electives
	CMPSC 3933 Operations Research		
14-15 TOTAL HOURS		15 TOTAL HOURS	

FOURTH YEAR - SENIOR

<u>Fall Semester</u>		<u>Spring Semester</u>	
MATH	4923 Perspectives in Mathematics		---3 Upper Division Elective
	FIN 4333 Managerial Finance; MIS	Choose One ---3	
	3433 Management Infor Systems;	(one not chosen in	MATH 3513 Mathematical Statistics; MATH
Choose One ---3	CMPSC 3933 Operations Research	previous spring)	3583 Applid Statistics
		Choose One ---3	
		(or elective if	
FIN	3113 Financial Management	MATH 3933 Op	CMPSC 3933 Discrete Math;
		Res is taken)	CMPAC 4413 Numerical Methods

---3 Upper Division Elective
---3 Upper Division Elective

Take both
if offered:

MATH 4113 Differential Equations;
FIN 3913 Principles of Insurance;
---6 **otherwise select 6 hours of electives**

15 TOTAL HOURS

15 TOTAL HOURS

TOTAL DEGREE PLAN HOURS 124

*General Education Requirement

**See current catalog "General Education Requirements" for selection