MATHEMATICS • Actuarial Science Concentration

MATHEMATICS AND COMPUTER SCIENCE DEPARTMENT • HENSON SCHOOL

CURRICULUM GUIDE

NAME:	ID#•	DATE.
NAML.	ID#:	DAIE:

THIS CURRICULUM GUIDE IS AN UNOFFICIAL TOOL FOR PLANNING.

Matriculated students and advisors should consult the Academic Requirements Report in GullNet before and after registering for classes each semester to track academic progress.

UNIVERSITY POLICIES

- Refer to the SU catalog for approved prerequisites and General Education courses.
- All graduates must have a minimum of 120 credits.
- All graduates must have a minimum of 30 credits of 300/400-level courses with C grade or above; at least 15 of those credits must be taken at SU.
- Students must have a minimum cumulative GPA of 2.0 for graduation.
- Students must complete at least 30 credit hours by direct classroom instruction and/or laboratory experience.
- Students must take 30 of the last 37 credit hours at SU.
- Bold courses are foundation courses and are required for courses later in the sequence.

Fir	st Year		Wi	nter/
	MATH 201	Calculus I4	List	courses
	MATH 216	Statistical Thinking4		
	HIST 10X	Gen. Ed. IIA (HIST 101, 102 or 103)4		
	FTWL 106	Lifelong Fitness and Wellness		
		15	Th	ird Y
	MATH 202	Calculus II4		OR
	MATH 210	Introduction to Discrete Mathematics (spring odd)4		IVA
_	OR	initiodoction to Discrete mathematics (spring odd/4		MATH
	IVA	Gen. Ed. Lab Science course (spring even)4		ACCT
	MATH 215	Introduction to Financial Mathematics4		ENGL
	ENGL 103	Composition and Research4		
_	LNOL 100	16/31		MATH OR
Winter/Summer Term				MATH
	•	taken during winter/summer terms:		ECON
				MATH
				Electiv
Se	cond Year		1470	. //
	MATH 310	Calculus III4		nter/
	MATH 314	Regression Analysis (fall odd)4		courses
_	OR	g		
	MATH 210	Introduction to Discrete Mathematics (fall even)4		
	IIIA	Gen. Ed. Humanities course4	Fo	urth
	IVA	Gen. Ed. Lab Science course4		ECON
		16/47		FINA
		,		IIIC
	MATH 306	Linear Algebra4		Electiv
	COSC 117	Programming Fundamentals4		
	OR			MATH
	COSC 120	Computer Science I4	_	OR
	HIST XXX	Gen. Ed. IIB History course4		MATH
	Elective*	Needed for 120 credits4		FINA
		16/63		Electiv

Wir	nter/Summe	r Term
List c	ourses that were	taken during winter/summer terms:
Thi	ird Year	
	MATH 314	Regression Analysis (fall odd)4
	OR	3
	IVA	Gen. Ed. Lab Science course (fall even)4
	MATH 413	Mathematical Statistics I (every fall)4
	ACCT 201	Introduction to Financial Accounting3
	ENGL XXX	Gen. Ed. IB Literature course4
		15/78
	MATH 414	Mathematical Statistics II (spring odd)4
	OR	., ,
	MATH 415	Actuarial and Finacial Models (spring even)4
	ECON 211	Micro-Economics Principles3
	MATH 4XX	MATH elective3-4
	Elective*	Needed for 120 credits3-4
		13-15/91-93
Wir	nter/Summe	r Term
		taken during winter/summer terms:
_	.l v	
	urth Year	
	ECON 212	Macro-Economic Principles3
	FINA 311	Financial Management
	IIIC	Gen. Ed. Humanities/Social Science course3-4
	Elective*	Needed for 120 credits3-4
		12-14/103-107
	MATH 414 OR	Mathematical Statistics II (spring odd)3
	MATH 415	Actuarial and Finacial Models (spring even)4
	FINA 312	Risk Management and Insurance3
	Elective*	Needed for 120 credits3-4
	Elective*	Needed for 120 credits3-4
		13-15/116-122



