

SOUTHERN UTAH UNIVERISTY
MATHEMATICS ACTUARIAL SCIENCE PROPOSED 4-YEAR SCHEDULE 2017-18

FALL 1st YEAR			offered	credits	SPRING 1st YEAR			offered	credits
MATH	1210	<i>Calculus I</i>	F/S/Su	4	MATH	1220	<i>Calculus II</i>	F/S	4
ENGL	1010	<i>Intr to Academic Writing</i>	F/S/Su	3	CSIS	1400	<i>Fundamentals of Programming</i>	F/S	3
LM	1010	<i>Information Literacy</i>	F/S/Su	1	ENGL	2010	<i>Intermediate Writing</i>	F/S/Su	3
EDGE	1010	<i>Becoming an Engaged Learner</i>	F/S	1	CSIS	1000	<i>Intro to Computers & Internet</i>	F/S/Su	3
		<i>American Institutions Course</i>	F/S/Su	3			<i>GE Knowledge Area Course</i>	F/S/Su	3
		<i>GE Knowledge Area Course</i>	F/S/Su	3					
TOTAL:				15	TOTAL:				16
FALL 2nd YEAR			offered	credits	SPRING 2nd YEAR			offered	credits
MATH	2210	<i>Calculus III</i>	F/S	4	MATH	2280	<i>Differential Equations</i>	S	3
MATH	2270	<i>Linear Algebra with Applications</i>	F/S	3	MATH	3120	<i>Transition to Advanced Mathematics</i>	S	3
MATH	3700	<i>Probability & Statistics</i>	F/S	4	MATH	3770	<i>Mathematical Modeling</i>	S odd yrs	3
ECON	2010	<i>Principles of Microeconomics (GE)</i>	F/S	3			<i>GE Knowledge Area Course</i>	F/S/Su	3
EDGE	30XX	<i>Project Proposal and Planning</i>	F/S	1			<i>Free Elective</i>		3
TOTAL:				15	TOTAL:				15
FALL 3rd YEAR			offered	credits	SPRING 3rd YEAR			offered	credits
MATH	4400	<i>Advanced Calculus I</i>	F	3	MATH	3500	<i>Actuarial Mathematics</i>	S even yrs	3
ACCT	2010	<i>Accounting Principles</i>	F/S	3	FIN	3250	<i>Managerial Finance I</i>	F/S	3
FIN	3110	<i>Risk & Insurance</i>	F	3	ECON	2020	<i>Principles of Macroeconomics</i>	F/S	3
		<i>GE PS PHYS 2210/2215 strongly suggested</i>	F/S	5	MATH	UD	<i>Elective (just need 1 from below)</i>		3
		<i>Free Elective</i>		3			<i>Free Elective</i>		3
TOTAL:				17	TOTAL:				15
FALL 4th YEAR			offered	credits	SPRING 4th YEAR			offered	credits
MATH	UD	<i>Elective (just need 1 from below)</i>		3	EDGE	40XX	<i>Project Reporting and Reflection</i>	F/S	1
FIN	3260	<i>Managerial Fianance II</i>	F	3			<i>Upper Div Free Elective</i>		3
ECON	4260	<i>Principles of Econometrics</i>	F	3			<i>Upper Div Free Elective</i>		3
		<i>Upper Div Free Elective</i>		3			<i>Free Elective</i>		3
		<i>Free Elective</i>		3			<i>Free Elective</i>		3
TOTAL:				15	TOTAL:				13

Must take Math 1050 (College Algebra) and Math 1060 (Trigonometry) as pre-req for MATH 1210

MATH electives for Act Science majors				
class	#		taught	pre req
MATH	3130	Modern Geometries	S	MATH 3120
MATH	3160	Number Theory	F-odd	MATH 3120
MATH	3600	Numerical Analysis	S-even	MATH 2270
MATH	3800	Partial Differential Equations	F-odd	MATH 2280 or 2250
MATH	4220	Abstract Algebra I	Fall	MATH 3120
MATH	4230	Abstract Algebra II	S-even	MATH 4220
MATH	4340	Topology	F-even	MATH 3120
MATH	4410	Advanced Calculus II	S-odd	MATH 4400
MATH	4580	Complex Analysis	S-odd	MATH 2210