

**SOUTHERN UTAH UNIVERISTY**  
**MATHEMATICS EDUCATION PROPOSED 4-YEAR SCHEDULE 2017-18**

FALL 1st YEAR					SPRING 1st YEAR				
			offered	credits				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	ENGL	2010	<i>Intermediate Writing</i>	F/S/Su	3
CSIS	1000	<i>Intro to Computers &amp; Internet</i>	F/S/Su	3			<i>GE Knowledge Area Course</i>	F/S/Su	3
LM	1010	<i>Information Literacy</i>	F/S/Su	1			<i>GE Knowledge Area Course</i>	F/S/Su	3
		<i>GE Knowledge Area Course</i>	F/S/Su	3			<i>American Institutions Course</i>	F/S/Su	3
EDGE	1010	<i>Becoming an Engaged Learner</i>	F/S	1					
TOTAL:				15	TOTAL:				16
FALL 2nd YEAR					SPRING 2nd YEAR				
			offered	credits				offered	credits
MATH	2210	<i>Calculus III</i>	F/S	4	MATH	2280	<i>Differential Equations</i>	S	3
MATH	2270	<i>Linear Algebra</i>	F/S	3	MATH	3120	<i>Transition to Advanced Mathematics</i>	S	3
SCED	3400	<i>Educating Diverse Populations</i>	F/S	3	EDUC	3000	<i>Principles of Teaching &amp; Learning</i>	F/S	3
EDGE	30XX	<i>Project Proposal and Planning</i>	F/S	1			<i>GE Knowledge Area Course</i>	F/S/Su	3
		<i>GE PS Course &amp; Lab (PHYS 2210/15 recmd)</i>	F/S	5	MATH	UD	<i>Any Upper Division Math</i>		3
TOTAL:				16	TOTAL:				15
FALL 3rd YEAR					SPRING 3rd YEAR				
			offered	credits				offered	credits
MATH	4400	<i>Advanced Calculus</i>	F	3	MATH	3130	<i>Modern Geometries</i>	S	3
SPED	3030	<i>Educating Exceptional Students</i>	F/S	3	MATH	UD	<i>Any Upper Division Math</i>		3
MATH	4220	<i>Abstract Algebra I</i>	F	3	EDUC	3180	<i>Instructional Tech for Teach &amp; Learn</i>	F/S	3
MATH	4900	<i>Methods of 2ndary Teaching</i>	F	3	EDUC	3200	<i>Educational Psychology</i>	F/S	3
MATH	3160	<i>Number Theory</i>	F odd	3	MATH	3140	<i>History of Math</i>	S even	3
TOTAL:				15	TOTAL:				15
FALL 4th YEAR					SPRING 4th YEAR				
			offered	credits				offered	credits
SCED	3570	<i>Secondary Classroom Management</i>	F/S	3	SCED	4520	<i>Practicum/Induction Seminar</i>	F/S	2
SCED	3590	<i>Planning, Delivery, &amp; Assessment</i>	F/S	3	SCED	4980	<i>Secondary Student Teaching</i>	F/S	8
SCED	3720	<i>Content Area Lit &amp; Common Core</i>	F/S/Su	3	MATH	4980	<i>Content Clinical Teaching</i>	F/S	2
MATH	3700	<i>Probability &amp; Statistics</i>	F/S	4					
EDGE	40XX	<i>Project Reporting and Reflection</i>	F/S	1					
TOTAL:				14	TOTAL:				12

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

Upper Division Math Electives for Math Ed Majors				
class	#		taught	pre req
*MATH	3140	<i>History of Math</i>	S-even	MATH 2270
*MATH	3160	<i>Number Theory</i>	F-odd	MATH 3120
MATH	3500	<i>Actuarial Math</i>	S-even	MATH 1210
MATH	3600	<i>Numerical Analysis</i>	S-even	MATH 2270
MATH	3770	<i>Mathematical Modeling</i>	S-odd	MATH 3700
MATH	3800	<i>Partial Differential Equations</i>	F-odd	MATH 2280
MATH	4230	<i>Abstract Algebra II</i>	S-even	MATH 4220
MATH	4340	<i>Topology</i>	F-even	MATH 3120
MATH	4410	<i>Advanced Calculus II</i>	S-odd	MATH 4400

\* Must take either MATH 3140 or MATH 3160 for Licensure Requirement