

## Snow College Transfer Pathway: Mathematics - Applied Math Emphasis

The following is a sample outline demonstrating a potential transfer pathway for this degree. It involves two years and the opportunity to earn an Associate's Degree at Snow College, followed by the completion of the Bachelor's Degree at Southern Utah University.

**\*\*PLEASE NOTE\*\* This is simply a guide to the recommended courses, and the ideal order in which they should be taken. Every degree will be different, as each student's needs are different. It is critical to work with advisors both at Snow College and at Southern Utah University to determine the best pathway for each student.**

1st Year Fall - Snow College (16 credits)					1st Year Spring - Snow College (15 credits)				
MATH	1210	Calculus I	5	F/S	MATH	1220	Calculus II	4	F/S
ENGL	1010	Introduction to Writing	3	F/S/Su	ENGL	2010	Intermediate Writing	3	F/S/Su
CS	1400/05	Programming Fundamentals/Lab	4	F	CS	1410/15	Object-Oriented Programming/Lab	4	S
XXXX	XXXX	Life Science GE/Lab	4	F/S/Su	XXXX	XXXX	Science Inquiry	3	F/S/Su
					PE	1096	Fitness for Life	1	F/S/Su
2nd Year Fall (14 credits)					2nd Year Spring (17 credits)				
MATH	2210	Multivariable Calculus	3	F/S	MATH	2270	Linear Algebra	3	S
XXXX	XXXX	**Physical Science GE/Lab	5	F	MATH	2280	*Differential Equations	3	S
XXXX	XXXX	Humanities GE	3	F/S/Su	XXXX	XXXX	***Physical Sci. Semester 2/Lab	5	S
XXXX	XXXX	American Institutions GE	3	F/S/Su	XXXX	XXXX	Oral Communications GE	3	F/S/Su
					XXXX	XXXX	Fine Arts GE	3	F/S/Su
3rd Year Fall (14 credits)					3rd Year Spring (16 credits)				
MATH	3120	Transition to Advanced Math	3	F/S	MATH	4580	Complex Analysis	3	S-Odd
MATH	3700	Probability & Statistics	4	F/S	XXXX	XXXX	*Restricted Major Elective	3	
XXXX	XXXX	*Restricted Major Elective	3		XXXX	UD	Upper-Division Electives	6	F/S/Su
XXXX	XXXX	Free Elective	3	F/S/Su	XXXX	XXXX	Free Elective	3	F/S/Su
EDGE	1010	Becoming an Engaged Learner	1	F/S/Su	EDGE	30xx	*Project Proposal & Planning	1	F/S/Su
4th Year Fall (15 credits)					4th Year Spring (16 credits)				
MATH	4400	Advanced Calculus I	3	F	MATH	3600	Numerical Analysis	3	S-Even
XXXX	XXXX	*Restricted Major Elective	3		XXXX	XXXX	*Restricted Major Elective	3	
XXXX	UD	Upper-Division Electives	6	F/S/Su	XXXX	UD	Upper-Division Electives	6	F/S/Su
XXXX	XXXX	Free Elective	3	F/S/Su	XXXX	XXXX	Free Elective	3	F/S/Su
					EDGE	40xx	*Project Reporting & Reflection	1	F/S/Su

### Important Notes:

\* These courses have available options to choose from. See the Catalog or your Advisor for options.

\*\* For your Physical Science GE, you MUST choose PHYS 2210/15 or CHEM 1210/15. A full-year sequence of one or the other is required for the Applied Math degree.

- Students who do not complete their full Associate's Degree at Snow College will be required to complete two additional courses at SUU for their General Education requirement, CSIS 1000 and LM 1010. They will not, however, be required to take an Oral Communication or a Fitness/Wellness course at SUU as a GE requirement.

- Students following this plan should speak with an SUU Student Success Advisor at the beginning of their 4th semester to coordinate 5th semester registration and a smooth transition into SUU's curriculum.