

BS in Applied Mathematics (650)

Catalog Year
2013 - 2014

General Information:

Academic Advising has provided a **recommended graduation plan** for every major we offer.

- This plan is built to meet the University’s minimum credit requirement (120 credits for a bachelor’s degree and 60 for an associate) in 8 semesters or less. Each plan includes all required courses, including Foundations and major as well as emphasis, minor or clusters (if applicable). The plan may also include elective courses to meet the credit requirement.
- Please note the following terms: Groups = A term used on the Degree Audit to reference a required group of classes that may be pre-selected or from which you can choose; General Elective = any course offering at BYU-Idaho which you are eligible to take; Major Elective = a required course from a list of multiple course options within your major. (A certain number of “major electives” may be required for your major, but you can select which course to choose from the given list.)

Semester 1	Credits	Semester 2	Credits	Winter	Credits	Fall	Credits
* FDMAT 112	4	MATH 113	3	MATH 214	3	MATH 316	4
CS 124	3	MATH 221B	3	MATH 301	3	MATH 281	3
FDENG 101	3	FDAMF 101	3	Minor/Cluster	3	FDSCI Issues	3
FDSCI 101	2	FDREL 121 or 122	2	FDREL 200	2	Minor/Cluster	3
FDREL 121 or 122	2	MATH 341	3	Minor/Cluster	3	FDREL Scripture-based	2
		* Take one:	1-3				
		FDMAT 108 (3 cr)					
		FDMAT 108T (1 cr)					
Total Credits	14	Total Credits	15-17	Total Credits	14	Total Credits	15
Winter	Credits	Fall	Credits	Winter	Credits	Off-Track	Credits
## MATH Module 2 course	3	## MATH Module 2 course	3	## MATH Module 3 course	3	Choose one:	
## MATH Module 2 course	3	## MATH Module 2 course	3	## MATH Module 3 course	3	# MATH 499R (3 cr)	
Minor/Cluster	3	*** Cultural Awareness	2-3	*** Cultural Awareness	2-3	or MATH 498R (3 cr)	3
FDENG 201	3	Minor/Cluster	3	FDSCI Issues	2		
FDREL Scripture-based	2	Minor/Cluster	3	Minor/Cluster	3		
		FDREL Elective	2				
Total Credits	14	Total Credits	16-17	Total Credits	13-14	Total Credits	3
Fall	Credits	Special Instructions					
## MATH Module 3 course	3	~ THIS IS NOT A REQUIRED SEQUENCE. As long as the prerequisites are met; courses can be taken anytime. Many Math courses are taught only once every one or two years, so careful planning is needed.					
FDCNC 250	2	~ Students not on a fall/winter track will need to contact the Physical Sciences & Engineering Academic Discovery Center, Austin 106 (208-496-9880) to declare Mathematics as a major. They will also need to meet with them during the beginning of their fourth semester to either apply for Fast Grad or have their track adjusted.					
Minor/Cluster	3	* Take either FDMAT 108-Mathematical Tools for the Real World (3 cr) or FDMAT 108T-Math for the Real World Test (1 cr) to complete the Quantitative Reasoning Requirement for Foundations. The prerequisite for FDMAT 108T will be the successful completion of any FDMAT course. The Math department recommends that students majoring in Applied Mathematics choose FDMAT 112-Calculus as the prerequisite (FDMAT 112 is a prerequisite for Math 113) and take FDMAT 108T. Please see the Math homepage for more information on the Quantitative Reasoning requirement (http://www.byui.edu/mathematics/fdmat108).					
FDREL Elective	2	*** Complete either FDCA 201-206 if FDCA 101 course was previously taken; or complete FDWLD 201 if FDWLD 101 was taken.					
^ General Elective	2	# If MATH 498R is taken it should be scheduled during the off-track between the junior and senior year. MATH 499R can be taken anytime during the senior year.					
		## Careful planning is required to ensure that all requirements are met.					
		^ Take only if total credits are less than 120.					
Total Credits	12						