

BS in Applied Mathematics (650)

Catalog Year
2010 - 2011

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 from the given list.)

Semester 1	Credits	Semester 2	Credits	Winter	Credits	Fall	Credits
#FDMAT 112	4	MATH 113 (f/w)	3	MATH 214 (f/w)	3	*MATH 316 (f/w/s)	4
CS 124	3	PH 121	3	MATH 301 (w only)	3	MATH 341 (f/w/s) or	
FDENG 101	3	PH 150	1	**MATH 225 (w only)		**MATH 281 (f only)	3
FDSCI 101	2	FDMAT 224	3	FDENG 201	3	FDSCI Issues	3
FDREL 121 or 122	2	FDAMF 101	3	Minor/Cluster	3	Minor/Cluster	3
		FDREL 121 or 122	2	FDREL 200	2	FDREL Scripture	2
				#Take one:	1-3		
				FDMAT 108 (3 cr)			
				FDMAT 108T (1 cr)			
Total Credits	14	Total Credits	15	Total Credits	15-17	Total Credits	15
Winter	Credits	Fall	Credits	Off-track	Credits	Winter	Credits
^400-level MATH	3	^400-level MATH	3	Choose one:		^^Supplemental MATH	3
^400-level MATH	3	^^Supplemental MATH	3	***MATH 499R (3 cr)		^^Supplemental MATH	3
Minor/Cluster	3	FDHUM or FDWLD	2-3	or MATH 498R (3 cr)	3	##FDINT or FDWLD	2-3
Minor/Cluster	3	Minor/Cluster	3			FDSCI Issues	2
FDREL Scripture	2	Minor/Cluster	3			Minor/Cluster	3
		FDREL Scripture	2				
Total Credits	14	Total Credits	16-17	Total Credits	3	Total Credits	13-14
Fall	Credits	Special Instructions					
^^Supplemental MATH	3	See next page					
^^Supplemental MATH	3						
FDCNC 250	2						
Minor/Cluster	3						
FDREL Elective	2						
###General Elective	2						
Total Credits	15						

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Special Instructions

~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.

~Students not on a fall/winter track will need to contact the Physical Sciences & Engineering Advising Center, Austin 106C (208-496-3043) 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.

*Either MATH 316 or MATH 371 will complete this requirement. However, MATH 371 is no longer taught.

**Must take either MATH 225 (winter only) or MATH 281 (fall only); but do not need to take both.

***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.

^The 400-level Math courses are taught once every two years (see the most recent catalog to find semesters taught). Careful planning is required to ensure that all requirements are met. MATH 411, 441, & 461 are required courses.

^^Take 15 credits of Supplemental MATH courses: Math 324, 412, 442, 462, 463, 472, or 495R. Again, these courses are not taught every semester. Careful planning is required.

#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/MATH/Foundations/foundations.htm>).

##Complete FDINT 201-203 if a FDHUM course was previously taken; complete FDWLD 201 if FDWLD 101 was taken.

###Take only if total credits are less than 120.

Instructions:

Now that you have seen the sample schedule for your major, please chart your own personalized plan taking into account the following: track, course availability, completed coursework, and planned graduation. Use this sample schedule, along with your degree audit, to create your plan. You can access your degree audit from your my.byui.edu portal under the Student tab, Degree Information. Once you have completed your planning, please bring this form to the Satellite Advising Center over your major so that an advisor can approve your plan and help you with any fine-tuning.

Semester 1	Credits	Semester 2	Credits	Semester 3	Credits	Semester 4	Credits
Total Credits		Total Credits		Total Credits		Total Credits	
Semester 5	Credits	Semester 6	Credits	Semester 7	Credits	Semester 8	Credits
Total Credits		Total Credits		Total Credits		Total Credits	

Student Name: _____ I number: _____

Advisor Name: _____ Date: _____