BYU IDAHO | Career & Academic Advising

BS in Applied Mathematics (650)

Catalog Year
2016 - 2017

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.

Semester 1	Credits
*MATH 113	3
CS 124	3
FDREL 200	2
FDENG 101	3
FDSCI 101	2
Elective/Minor	2
Total Credits	**15**

Semester 2	Credits
MATH 214	3
MATH 281	3
**MATH 330	3
FDREL 225	2
FDAMF or FDCIV 101	3
Total Credits	**14**

Semester 3	Credits
MATH 301	3
MATH 316	4
MATH 341	3
FDREL 250	2
FDSCI Elective	3
Total Credits	**15**

Semester 4	Credits
#MATH Module 2 course	3
#MATH Module 2 course	3
FDREL 275	2
FDENG 301	3
Elective/Minor	4
Total Credits	**15**

Semester 5	Credits
MATH Module 2 Elective	3
##MATH Module 3	3
FDREL Elective	2
Cultural Awareness	3
Elective/Minor	4
Total Credits	**15**

Semester 6	Credits
#MATH Module 2 course	3
FDREL Elective	2
Elective/Minor	9
Total Credits	**14**

Semester 7	Credits
##MATH Module 3 course	3
MATH Module 3 Elective	3
Cultural Awareness	3
Elective/Minor	6
Total Credits	**15**

Off-Track	Credits
MATH 498R or	3
MATH 499R	
Total Credits	**3**

Semester 8	Credits
FDSCI Elective	3
FDREL Elective	2
Elective/Minor	9
Total Credits	**14**

Special Instructions

It is highly recommended that applied math majors select a minor field of interest (or two clusters) to deepen the applications of their mathematics. A few recommended minors include Computer Science, Statistics, CIT, Economics, and Business.

§Depending on the students track and course offering schedule students may need a track change or an academic override in order to take some classes.
**FDMAT 112 is a prerequisite to MATH 113, and will complete Quantitative Reasoning Foundations requirements. If you have not previously taken FDMAT 112, APCALC, or a calculus course that has been transferred in replacing FDMAT 112, you will need to take FDMAT 112 before MATH 113. Please see the Math homepage for more information on the Quantitative Reasoning requirement (http://www.byui.edu/mathematics/foundations-mathematics-requirement).*
***Take either MATH 330, 221A, 221B, or 221C*
#The required courses for Math Module 2 are only offered Fall semesters. If you are not already on the Fall/Winter track, you will need to apply for a track change before beginning Math Modules 2 and 3.
##The required courses for Math Module 3 are only offered Winter semesters.