NORTHERN ARIZONA UNIVERSITY
College of Engineering, Forestry & Natural Sciences

Bachelor of Science
MATHEMATICS (EXTENDED)
Actuarial Emphasis
2009-2010 Undergraduate Catalog

Degree Progression Plan

Freshman Year							
1st term				**2nd term**			
MAT 136	Calculus I	4		MAT 137	Calculus II	4	
MAT 123	First Year Seminar	1		MAT 226	Discrete Mathematics	3	
DIV	Diversity	3		CS 122	Programming for Engineering & Science (SCI: SAS) *	3	
LS	Liberal Studies	3		ENG 105	Critical Reading and Writing (FNRQ)	4	
GE	General Elective	3					
NAU 100	Transition to College	1					
	Total units	15			Total units	14	
Sophomore Year							
3rd term				**4th term**			
MAT 238	Calculus III	4		MAT 239	Differential Equations	3	
MAT 316	Intro Linear Algebra	3		MAT 320W	Foundations of Math	3	
ACC 255	Principles of Accounting: Financial	3		ACC 256	Principles of Accounting: Managerial	3	
STA 270 or STA 275	Applied Statistics or Statistical Analysis	3		*LS*	Liberal Studies (LAB)	4	
LS	Liberal Studies	3		*GE*	General Elective	3	
	Total units	16			Total units	16	
Junior Year							
5th term				**6th term**			
MAT 411C or MAT 431C	Intro to Abstract Algebra OR Intro to Analysis I	3		STA 474C or *STA 477*	Intro to Math Statistics II or Time Series Analysis	3	
STA 473C or STA 471	Introduction to Math Statistics I or Regression Analysis	3		ME or GE	Major Elective or General Elective **	3	
DIV	Diversity	3		ME or GE	Major Elective or General Elective **	3	
LS	Liberal Studies	3		*LS*	Liberal Studies	3	
GE	General Elective	3		*LS*	Liberal Studies	3	
	Total units	15			Total units	15	
Senior Year							
7th term				**8th term**			
MAT 411C or MAT 431C	Intro to Abstract Algebra OR Intro to Analysis I	3		STA 474C or *STA 477*	Intro to Math Statistics II or Time Series Analysis	3	
STA 473C or STA 471	Introduction to Math Statistics I or Regression Analysis	3		ME or GE	Major Elective or General Elective **	3	
ME or GE	Major Elective or General Elective **	3		ME or GE	Major Elective or General Elective **	3	
LS	Liberal Studies	3		*GE*	General Elective	3	
GE	General Elective	2		*LS*	Liberal Studies	3	
	Total units	14			Total units	15	

Liberal Studies Distribution blocks

AHI (6 units)	SPW (6 units)	CU (6 units)	Science (7 units)	Additional 3 units to reach 32 total
			CS 122 (3)	

Revised 1/21/2009

PROGRAM INFORMATION

A minimum of 120 units are required for this degree.

The math foundation requirement for this major is waived.

You must have a grade of C or better in each mathematics or statistics course that is used to fulfill the requirements for this major.

* If you complete a minor in Computer Science, CS 122 is not required, and another liberal studies course is needed.

** Major electives include taking all three courses: MAT 362, MAT 467 and MAT 480 (check course rotation for availability in terms 6, 7, & 8)

GENERAL INFORMATION

- This degree progression plan is to be used in conjunction with the academic catalog and degree progress report.
- Students should see an academic advisor regularly to confirm their academic progress.
- Students must see an academic advisor before enrollment for the 7th term in preparation for graduation.
- Many courses have pre-requisites. Please check the academic catalog for pre-requisite and placement information.
- Submit graduation application during 7th term.
- Honors students complete different requirements to meet NAU's liberal studies program. Students should consult an Honors Program advisor for complete information on fulfilling Honors Liberal Studies requirements.
- All students are required to complete at least 120 total units which includes:
  - 35 units of liberal studies courses: http://www4.nau.edu/aio/Articulation/LScourselist.htm
  - 6 units of diversity courses (3 units in Global & 3 units in Ethnic). The diversity requirement may be fulfilled in any part of the program of study: http://www4.nau.edu/aio/Articulation/DiversityCourseList.htm
  - 30 units of upper division courses (300-400 level), 18 of these units must be taken at NAU
- English placement: http://www.nau.edu/comp/placement.html
- Math placement: http://www.cefns.nau.edu/Academic/Math/studentInformation/Placement/Placement.shtml

CONTACT INFORMATION

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