

Bachelor of Science MATHEMATICS (EXTENDED)

Mathematic Emphasis 2005-2006 Undergraduate Catalog

8-Term Plan

Freshman Year							
1 st term			2 nd term				
MAT 136	Calculus I		4	MAT 137	Calculus II	4	
MAT 123	First Year Seminar		1	CS 122/123/126	Computer course (SAS if taking CS 122)	3	
Diversity			3	ENG 105	Critical Reading and Writing (FNRQ)	4	
Liberal Studies			3	Liberal Studies		3	
General Elective			3]			
FYE 101	First Year Experience		1				
		Total units	15		Total unit	s 14	

Sophomore Year							
3 rd term			4 th term				
MAT 238	Calculus III		4	MAT 239	Differential Equations	3	
MAT 316	Intro Linear Algebra		3	MAT 320W	Foundations of Math	3	
Diversity			3	Math/Stat Elective	*	3	
Liberal Studies			3	Liberal Studies		3	
General Elective			3	Liberal Studies	(General Elective if CS 122 was taken)	3	
			-				
		Total units	16		Total units	15	

Junior Year						
5 th term			6 th term			
MAT 411C or MAT 431C	Intro to Abstract Algebra OR Intro to Analysis I	3	Math Elective III ***	3		
STA 473C	Introduction to Math Statistics I	3	Math/Stat Elective *	3		
Math/Stat Elective	*	3	Math/Stat Elective *	3		
Liberal Studies		3	General Elective	3		
General Elective		3	General Elective	3		
			Meet with advisor prior to enrolling in 7th term			
	Total units	15		Total units 15		

Senior Year							
7 th term		8 th term					
MAT 411C or Intro to Abstract Algebra OR Intro to MAT 431C Analysis I	3	Math Elective II **		3			
Math/Stat Elective *	3	Math Elective III ***		3			
Liberal Studies	3	General Elective		3			
General Elective	3	General Elective		3			
General Elective	3	General Elective		3			
Submit graduation application during 7 th term							
Total units	15		Total units	15			

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.

- * MAT/STA Electives includes fifteen additional units of MAT/STAT courses 300 level and above. (Except MAT301, MAT302, MAT401, MAT402)
- ** Math Elective II includes one of MAT 239, MAT318, MAT 365, MAT442C
- *** Math Elective III includes two of MAT 412C, MAT432C, MAT441C, or STA 474C

GENERAL INFORMATION

- This 8-term plan is to be used in conjunction with the academic catalog and degree audit report.
- 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.
- 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.
- 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.math.nau.edu/master.html?http://www.math.nau.edu/odin.html

CONTACT INFORMATION

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