

# **Bachelor of Science MATHEMATICS**

2008-2009 Undergraduate Catalog

# **Degree Progression Plan**

		Fresl	ıman Year			
	1 <sup>st</sup> term		2 <sup>nd</sup> term			
MAT 136	Calculus I	4	MAT 137	Calculus II	4	
MAT 123	First Year Seminar	1	CS 122	Programming for Engineering & Science (SCI: SAS) ***	3	
DIV	Diversity	3	ENG 105	Critical Reading and Writing (FNRQ)		
LS	Liberal Studies	4	LS	Liberal Studies	3	
GE	General Elective	3				
FYE 101	First Year Experience	1				
	Total units	16		Total units	14	1
		Sopho	omore Year			
3 <sup>rd</sup> term			4 <sup>th</sup> term			
MAT 238	Calculus III	4	MAT 320W	Foundations of Mathematics	3	
MAT 316	Introduction to Linear Algebra	3	ME	Major Elective *	3	
DIV	Diversity	3	MIN	Minor **		
LS	Liberal Studies	3	LS	Liberal Studies	3	
LS	Liberal Studies	3	GE	General Elective	3	
Total units		16		Total units		5
		Jur	ior Year			
	5 <sup>th</sup> term			6 <sup>th</sup> term		
MAT 411C or MAT 431C	Intro to Abstract Algebra or Intro to Analysis	3	MAT 412C or MAT 441C or STA 474C	Intro to Abstract Algebra II or Intro to Topology or Intro to Math Statistics II		
STA 473C	Intro Math Statistics I	3	ME	Major Elective *		
MIN	Minor **	3	MIN	Minor **		
LS	Liberal Studies	3	MIN	Minor **		
GE	General Elective	3	GE	General Elective	3	
	Total units	15		Total units	15	5
		Sen	ior Year			
7 <sup>th</sup> term			8 <sup>th</sup> term			
MAT 411C or MAT 431C	Intro to Abstract Algebra or Intro to Analysis	3	ME	Major Elective *	3	
ME	Major Elective *	3	MIN	Minor **	3	
MIN	Minor **	3	LS	Liberal Studies	3	
LS	Liberal Studies	3	GE	General Elective	3	
GE	General Elective	3	GE	General Elective	2	
	Total units	15		Total units	14	4

## Liberal Studies Distribution blocks

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

Page 1 of 2 Revised 10/10/2008

### **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.

- \* Math/Statistics electives include 12 units from:
  - One of MAT 226, 318, 365 or 442C
  - 9 additional units from MAT 226 and 239 or any MAT/STA course numbered 300 or higher (except MAT 301, 302, 401 and 402)
- \*\* An 18 unit minor is required.

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

#### **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 7<sup>th</sup> 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 7<sup>th</sup> 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: <a href="http://www.math.nau.edu/placement.html">http://www.math.nau.edu/placement.html</a>

#### **CONTACT INFORMATION**

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Page 2 of 2 Revised 10/10/2008