# **BS, Mathematics, General Mathematics**

BS\_260B

College of Arts and Sciences
Department of Mathematical Sciences
2019-2020



This four year guide is a recommended semester-by semester plan of study for this major. All four year guides are meant as examples of how a degree can be completed in four years. Individual plans will be developed for each student in consultation with the academic advisor. Prior credit, course availability, and student needs must be considered in developing the individual plan.

Shaded areas of guide require special attention.

6 61: 1 17:11	Credit	Min.	Included	Important Notes
Course Subject and Title	Hours	Grade Required	in Major GPA	POS = Program of Study

		Semes	ter One:	[15 Credit Hours]
UCO 1200	3			May take in fall or spring semester of first year
MAT 1110	4	C-	х	Also meets <b>Gen Ed Quantitative Literacy</b> requirement; Minimum C- required as prerequisite to MAT 1120
Liberal Studies Experience Course 1	3			HS or LS or FA or SS Designation
Gen Ed Science Inquiry	4			
Gen Ed Wellness course	1			
		Semes	ter Two:	[15 Credit Hours]
MAT 1120	4	C-	Х	
RC 1000	3			May take in fall or spring semester of first year
Gen Ed Science Inquiry	4			
Integrative Learning Experience (ILE) Course 1	3			
Gen Ed Wellness Literacy Course	1			
		Semest	er Three	[17 Credit Hours]
RC 2001	3			May take in fall or spring semester of sophomore year
MAT 2240	3		Х	
MAT 2130	4		Х	
MAT 2110	4		Х	
Liberal Studies Experience Course 2	3			HS or LS or FA or SS Designation
		Semes	ter Four:	[15 Credit Hours]
MAT 3110	3		Х	[WID]
MAT or STT Elective 1	3		х	A total of 8 hours of electives required to total 65 hours in Major Requirements area on POS; (You must have a total of 3 hours at 4000 level) At least 3 sh must be a MAT course if a STT capstone will be selected in last semester.
Career Support Concentration Course 1	3		Х	At least 21 hours of courses (7 courses) that <u>must be approved</u> <u>by advisor</u> . Area II. C on POS
ILE Course 2	3			HS or LS or FA or SS Designation
Liberal Studies Experience Course 3	3			
		Semes	ter Five:	[16 Credit Hours]
MAT 3220	3		Х	[WID]
MAT 3130 OR MAT 3310	3		Х	
STT 3520 or 3850	4		Х	
Career Support Concentration Course 2	3		х	
Liberal Studies Experience Course 4	3			HS or LS or FA or SS Designation

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Degree Works

Course Subject and Title	Credit Hours	Min. Grade	Included in Major	Important Notes POS = Program of Study
	110013	Required	GPA	1 05 - 1 logium of study

		Semester Six: [1	.5 Credit Hours
MAT or STT Elective 2	3	х	A total of 8 hours of electives required to total 65 hours in Major Requirements area on POS; (You must have a total of 3 hours at 4000 level) At least 3 sh must be a MAT course if a STT capstone will be selected in last semester.
Career Support Concentration Course 3	3	Х	
Career Support Concentration Course 4	3	Х	
ILE Course 3	3		
Free Elective	3		
		Semester Seven:	[14 Credit Hours]
MAT or STT (4000 level?) Elective 3	2	х	A total of 8 hours of electives required to total 65 hours in Major Requirements area on POS; (You must have a total of 3 hours at 4000 level) At least 3 sh must be a MAT course if a STT capstone will be selected in last semester.
Career Support Concentration Course 5	3	Х	
Career Support Concentration Course 6	3	Х	
Free Elective	3	Х	
Free Elective	3		
		Semester Eight: [	13 Credit Hours]
Capstone Course	4	Х	CAPSTONE; Choose one 4-hour combination from Capstone Requirements area on POS
Career Support Concentration Course 7	3	Х	
Free Elective	3		
Free Elective	3		*Make sure to take enough Free Electives to reach a minimum 120 hours required for the degree.

General Requirements Summary						
Minimum	Minimum Gen Ed.		Minimum			
Total Hours Hours		Writing	Major GPA	Overall GPA		
120	44	RC 1000 and RC 2001	2.0	2.0		



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	Credit	Min.	Included	Important Notes
Course Subject and Title		Grade	in Major	F
	Hours	Required	GPA	POS = Program of Study

# All MAT and STT courses and all courses in Major Requirements area on Program of Study count in major GPA.

General Education Program Model - 44 Semester Hours Total				
Program Categories	Hours	Important Notes – Be sure to check for Gen Ed courses required in your major		
First Year Seminar	3	Can be taken first or second semester of freshman year		
Wellness Literacy	2			
Quantitative Literacy	4			
First Year Writing	3	Can be taken first or second semester of freshman year		
Sophomore Writing	3			
Integrative Learning Experience	9	Must choose a minimum of two disciplines		
Liberal Studies Experience	12	Must choose a minimum of three disciplines		
Science Inquiry	8			

You must also meet the Fine Arts, Literary Studies, Historical Studies, and the Social Science Designations. Those may be met within the Integrative Learning Experience and the Liberal Studies Experience.

#### **Additional Notes:**

#### Residency Requirements:

- o 30 hours must be from ASU
- o 18 hours in the major must be from ASU
- 9 hours in the minor must be from ASU