



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.

Course Subject and Title	Credit Hours	Min. Grade Required	Included in Major GPA	Important Notes POS = Program of Study
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**Semester One: [15 Credit Hours]**

RC 1000	3			May take in fall or spring semester of first year
UCO 1200	3			May take in fall or spring semester of first year
MAT 1110	4	C-	X	Also meets Gen Ed Quantitative Literacy requirement
CHE 1101/1110	4		X	Also counts in Gen Ed Science Inquiry requirement
Gen Ed Wellness course	1			

**Semester Two: [16 Credit Hours]**

MAT 1120	4	C-	X	
CHE 1102/1120	4		X	Also counts in Gen Ed Science Inquiry requirement
BIO 1801	4		X	
Liberal Studies Experience Course 1	3			HS or LS or FA or SS Designation
Gen Ed Wellness course	1			

**Semester Three : [14 Credit Hours]**

RC 2001	3			May take in fall or spring semester of sophomore year
MAT 2240	3		X	
MAT 2310	4		X	
CHE 2201/2203	4		X	

**Semester Four: [16 Credit Hours]**

MAT 2110	3		X	Honors students may take MAT 2510
MAT 3130	3		X	
STT 3850	4		X	
Liberal Studies Experience Course 2	3			HS or LS or FA or SS Designation
Integrative Learning Experience Course 1	3			

**Semester Five: [16 Credit Hours]**

MAT 3220	3		X	[WID]
MAT 3350	3		X	
Biology Elective 1	4		X	Choose from BIO 3302, 2400 and 2410, 2600 and 2610, 3800
Integrative Learning Experience Course 2	3			HS or LS or FA or SS Designation
Liberal Studies Experience Course 3	3			



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**Semester Six: [16 Credit Hours]**

MAT 4310 or STT 3851	3		X	
MAT (4000 level) Elective 1	3		X	A total of 4-7 hours of electives required to total 65 hours in Area II on POS; (You must have a total of 4 hours at 4000 level)
Biology Elective 2	4		X	Chosen from 3302, 2400 and 2410, 2600 and 2610, 3800
Liberal Studies Experience Course 4	3			HS or LS or FA or SS Designation
Free Elective	3			

**Semester Seven: [15 Credit Hours]**

MAT Approved Elective 2	3		X	If needed to meet: A total of 4-7 hours of electives required to total 65 hours in Area II on POS; (You must have a total of 4 hours at 4000 level) Otherwise, take Free Elective
MAT Approved Elective 3	3		X	If needed to meet: A total of 4-7 hours of electives required to total 65 hours in Area II on POS; (You must have a total of 4 hours at 4000 level) Otherwise, take Free Elective
Free Elective	3			
Free Elective	3			
Free Elective	3			

**Semester Eight: [14 Credit Hours]**

MAT 4040	1		X	<b>CAPSTONE</b> ; Honors students may take MAT 4510
Integrative Learning Experience Course 3	3			
Free Elective	3			
Free Elective	3			
Free Elective	3-4*			*Take enough hours to reach the minimum 122 required for the degree

General Requirements Summary				
Minimum Total Hours	Gen Ed. Hours	Writing	Minimum	
			Major GPA	Overall GPA
122	44	RC 1000 and RC 2001	2.0	2.0

**All MAT and STT courses and all courses in Area II on Program of Study count in major GPA.**



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**General Education Program Model - 44 Semester Hours Total**

Program Categories	Hours	Important Notes – <i>Be sure to check for Gen Ed courses required in your major</i>
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:**

- A contract with a list of the approved courses **MUST** be filed with the College of Arts & Sciences Dean’s Office no later than the end of the first semester of junior year.
- Residency Requirements:
  - 31 hours must be from ASU
  - 18 hours in the major must be from ASU
  - 9 hours in the minor must be from ASU
  - Final 30 hours must be courses taken through ASU (includes internships, study abroad taken through ASU)