



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]

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; 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			

Semester Two: [15 Credit Hours]

RC 1000	3			May take in fall or spring semester of first year
MAT 1120	4	C-	X	
Gen Ed Science Inquiry	4			
Integrative Learning Experience Course 1	3			
Gen Ed Wellness Literacy Course	1			

Semester Three : [17 Credit Hours]

RC 2001	3			May take in fall or spring semester of sophomore year
MAT 2240	3		X	
CS 1440	4	C	X	Minimum grade C required as prerequisite to CS 2440
MAT 2110	4		X	Honors students may take MAT 2510
Liberal Studies Experience Course 2	3			HS or LS or FA or SS Designation

Semester Four: [17 Credit Hours]

MAT 3110 or MAT 3220	3		X	[WID]
STT 3850	4		X	
CS 2440	4	C	X	Minimum grade C required as prerequisite to CS 3430 & 3460
CS 1100	3			Corequisite for CS 2440
Liberal Studies Experience Course 3	3			

Semester Five: [15 Credit Hours]

MAT 2310	3		X	
CS 3460	3		X	
CS 3430	3		X	
MAT or STT Elective 1	3		X	A total of 10 hours of electives required to total 65 hours in Major Requirements area on POS; At least 3 sh must be a MAT course if a STT capstone will be selected in last semester.
Integrative Learning Experience Course 2	3			HS or LS or FA or SS Designation



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Semester Six: [15 Credit Hours]

MAT or STT Elective 2	3		X	A total of 10 hours of electives required to total 65 hours in Major Requirements area on POS; At least 3 sh must be a MAT course if a STT capstone will be selected in last semester.
Computational Electives 1	3		X	Advisor-approved course in the sciences; A total of 9 hours (3 courses) required
Computational Electives 2	3		X	Advisor-approved course in the sciences; A total of 9 hours (3 courses) required
MAT 4310	3		X	
Integrative Learning Experience Course 3	3			HS or LS or FA or SS Designation

Semester Seven: [14 Credit Hours]

MAT or STT Elective 3	3		X	A total of 10 hours of electives required to total 65 hours in Major Requirements area on POS; At least 3 sh must be a MAT course if a STT capstone will be selected in last semester.
MAT or STT Elective 4 or Free Elective	2		X	A total of 10 hours of electives required to total 65 hours in Major Requirements area on POS; At least 3 sh must be a MAT course if a STT capstone will be selected in last semester. If 10 hours already met, take Free Elective.
Computational Electives 3	3		X	Advisor-approved course in the sciences; A total of 9 hours (3 courses) required
Free Elective	3			
Free Elective	3			

Semester Eight: [14 Credit Hours]

Capstone Course	4		X	CAPSTONE; Choose one 4-hour combination from Capstone Requirements area. on POS
Liberal Studies Experience Course 4	3			
Free Elective	3			
Free Elective	4*			*Must 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



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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 – <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	
<p>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.</p>		

Additional Notes:

- 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)