

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 plan 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: [17 Credit Hours]				
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RC 1000	3			May take in fall or spring semester of first year
CS 1440	4	C	X	Prereq is Calculus-ready; Must earn minimum grade of C as prerequisite to CS 2440
CS 1100	3		X	Prereq is Calculus-ready
MAT 1110	4	C-	X	Also meets Gen Ed Quantitative Literacy ; Must earn minimum grade of C- as prerequisite to MAT 1120; (PRE: MAT 1025 or equivalent test score)
Liberal Studies Experience Course 1	3			HS or LS or FA or SS Designation

Semester Two: [17 Credit Hours]				
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UCO 1200	3			May take in fall or spring semester of first year
CS 2440	4	C	X	Must earn minimum grade of C as prerequisite to higher level CS required courses
MAT 1120	4		X	
Integrative Learning Experience Course 1	3			
Liberal Studies Experience Course 2	3			HS or LS or FA or SS Designation

Semester Three: [15 Credit Hours]				
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RC 2001	3			May take in fall or spring semester of sophomore year
CS 2490	3		X	
CS 2450	3		X	
Integrative Learning Experience Course 2	3			HS or LS or FA or SS Designation
Liberal Studies Experience Course 3	3			

Semester Four: [16 Credit Hours]				
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CS 3460	3		X	
CS 3430	3		X	
MAT 2240	3		X	
Gen Ed Wellness Literacy	1			
Liberal Studies Experience Course 4	3			HS or LS or FA or SS Designation
Integrative Learning Experience Course 3	3			

Semester Five: [16-17 Credit Hours]				
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CS 3481	3		X	
CS 3490	3		X	
CS 3667	3		X	
CS 3100 or ENG 3695	2-3		X	[WID] Course
PHY 1150	5		X	May meet Gen Ed Science Inquiry if PHY 1151 also taken

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Semester Six: [14-15 Credit Hours]				
CS 3482	3		X	
STT 3850	4		X	
CS Science Requirement	4 or 5		X	If PHY 1151 taken, Gen Ed met; If another science is taken it will meet 1 st Gen Ed Science Inquiry course
CS Elective Course 1	3		X	

Semester Seven: [13-14 Credit Hours]				
CS 4100	2		X	
CS Elective Course 2	3		X	
CS Science Requirement	4 -5		X	If PHY 1151 taken, Gen Ed met; If another science is taken it will meet 2nd Gen Ed Science Inquiry course
Gen Ed Wellness Literacy	1			
Free Elective	3			

Semester Eight: [12-14 Credit Hours]				
CS 4800	3		X	CS 4510 is option for honors students
CS Elective Course 3	3		X	
Free Elective	3			
Free Elective	3			
Free Elective	0-2*			*Take enough Free Electives to reach a total of 122 hours 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 CS 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	

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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:
 - 31 hours overall 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)