

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: [15 Credit Hours]				
RC 1000	3			May take in fall or spring semester of first year
Gen Ed Wellness Literacy	1			
CS 1440	4	C	X	Prereq is Calculus-ready; Must earn minimum grade of C as prerequisite to CS 2440
CS 1100	3	C	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)
Semester Two: [15 Credit Hours]				
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	
STT 3850	4		X	
Semester Three: [15 Credit Hours]				
CS 2490	3	C-	X	
CS 2450	3	C-	X	
CS 3460	3	C-	X	
Integrative Learning Experience Course 1	3			HS or LS or FA or SS Designation
Liberal Studies Experience Course 1	3			
Semester Four: [15 Credit Hours]				
CS 3430	3		X	
CS 3667	3		X	
MAT 2240	3		X	
Integrative Learning Experience Course 2	3			
RC 2001	3			May take in fall or spring semester of sophomore year
Semester Five: [16-17 Credit Hours]				
CS 3481	3		X	
CS 3490	3		X	
CS Science Sequence Course 1	4-5		X	Will meet General Education Science Inquiry requirement course 1
Liberal Studies Experience Course 2	3			HS or LS or FA or SS Designation
Integrative Learning Experience Course 3	3			

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Semester Six: [16-17 Credit Hours]

CS 3482	3		X	
CS 3100 or ENG 3695	3		X	[WID] Course
Liberal Studies Experience Course 2	3			HS or LS or FA or SS Designation
CS Science Sequence Course 2	4 or 5		X	Will meet General Education Science Inquiry requirement course 2
CS Elective Course 1	3		X	

Semester Seven: [15 Credit Hours]

CS 4100	3		X	
CS Elective Course 2	3		X	
CS Elective Course 3	3		X	
Liberal Studies Experience Course 4	3			HS or LS or FA or SS Designation
Free Elective	3			

Semester Eight: [11-13 Credit Hours]

CS 4800	3		X	CS 4510 is option for honors students
CS Elective Course 4	3		X	
Gen Ed Wellness Literacy	1			
Free Elective	3			
Free Elective	1-3*			*Take enough Free Electives to reach a total of 120 hours for the degree

General Requirements Summary				
Minimum Total Hours	Gen Ed. Hours	Writing	Minimum	
			Major GPA	Overall GPA
120	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	
Quantitative Literacy	4	

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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:
 - 30 hours overall must be from ASU
 - 18 hours in the major must be from ASU
 - 9 hours in the minor must be from ASU
- Please consult with your advisor to ensure you will complete the appropriate number of free electives as needed to reach the 120 total hours required for your degree.