

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: [16 Credit Hours]

RC 1000	3			May take fall or spring of first year
UCO 1200	3			May take fall or spring of first year
CHE 1101 & 1110	4		X	Also meets Gen. Ed. Science Inquiry requirement (<i>Pre: MAT 1020 or equivalent test score</i>)
Liberal Studies Experience Course 1	3			HS or LS or FA Designation
Integrative Learning Experience Course 1	3			

Semester Two: [15 Credit Hours]

MAT 1110	4		X	Also meets Gen Ed Quantitative Literacy requirement
CHE 1102 & 1120	4	C-	X	Also meets Gen. Ed. Science Inquiry requirement (<i>Pre: MAT 1020 or equivalent test score</i>) minimum grade C- required in CHE 1102
BIO 1801	4		X	
FER 1000	3		X	Course may count in Integrative Learning Experience "Sustainability and Global Resources" theme depending on choices

Semester Three : [15 Credit Hours]

FER 2000	3		X	
CHE 2101 & 2102	4		X	
NUT 1202	3		X	
RC 2001	3			May take fall or spring of sophomore year
Gen Ed Wellness Literacy Course	2			

Semester Four: [15 Credit Hours]

CHE 2210 & 2211	4		X	
BIO 2600	3		X	
STT 3850	3		X	
Liberal Studies Experience Course 2	3			HS or LS or FA Designation
FER 2100	2		X	

Semester Five: [16-17 Credit Hours]

BIO 3308	4		X	
Fermentation Science Elective 1	3-4		X	Choose from list in Area II. A (FER 3000, 4140, 4150, 4240, 4250)
MKT 3050	3		X	
ECO 2030	3		X	Counts as Liberal Studies Experience Course 3 and SS Designation
Integrative Learning Experience Course 2	3			HS or LS or FA Designation

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Semester Six: [16-18 Credit Hours]

FER 3200	3		X	[WID]
Fermentation Science Elective 2	3-4		X	Choose from list in Area II. A (FER 3000, 4140, 4150, 4240, 4250)
FER Science Elective Course 1	4		X	Choose one: FER 3000 (spring only), 4100 (fall only), 4200 (spring only), or CHE 4200 (spring only) from Area II. A on POS
Focus Area Elective Course 1	3-4		X	Choose from section II.E on POS
Liberal Studies Experience Course 4	3			

Semester Seven: [16-17 Credit Hours]

CHE 4580	3		X	
BUS 1050	3		X	
Focus Area Elective Course 2	3-4		X	Choose from section II.E on POS
FER Science Elective Course 2	4		X	Choose one: FER 3000 (spring only), 4100 (fall only), 4200 (spring only), or CHE 4200 (spring only) from Area II. A on POS
Business Elective Course	3		X	Choose from section II. F on POS

Semester Eight: [10-12 Credit Hours]

ACC 1050	3		X	
Integrative Learning Experience Course 3	3			If Integrative Learning Experience is met, take Free Elective
FER 4300	3		X	[CAPSTONE]
Free Elective	1-3*			Take enough hours to reach the 122 hours 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 FER courses and all courses used in Area II on POS count in the 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:
 - 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)