

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]

UCO 1200	3			May take fall or spring of first year
Gen Ed Wellness Literacy Course	2			
BIO 1801	4		X	
CHE 1101 & 1110	4		X	Also meets Gen Ed Science Inquiry requirement (<i>Pre: MAT 1020 or equivalent test score</i>)
Integrative Learning Experience Course 1	3			

Semester Two: [14 Credit Hours]

RC 1000	3			May take fall or spring of first year
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
FER 1000	3		X	Course may count in Integrative Learning Experience "Sustainability and Global Resources" theme depending on choices

Semester Three : [14 Credit Hours]

BIO 2600	3		X	
FER 2000	1		X	
CHE 2101 & 2102	4		X	
Liberal Studies Experience Course 1	3			HS or LS or FA Designation
RC 2001	3			May take fall or spring of sophomore year

Semester Four: [17 Credit Hours]

CHE 2210 & 2211	4		X	
NUT 1202	3		X	
STT 3850	4		X	
ECO 2030	3		X	Counts as Liberal Studies Experience Course 3 and SS Designation
Liberal Studies Experience Course 2	3			HS or LS or FA Designation

Semester Five: [15-16 Credit Hours]

BIO 3308	4		X	
FER 2100	2		X	
Fermentation Elective 1	3-4		X	Choose from Fermentation Electives area on POS
MKT 3050	3		X	
Integrative Learning Experience Course 2	3			HS or LS or FA Designation

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Semester Six: [12-13 Credit Hours]

FER 3200	3		X	[WID]
Fermentation Elective 2	3		X	Choose from Fermentation Electives area on POS
Focus Area Elective Course 1	3-4		X	Choose from Focus Area Electives on POS
Liberal Studies Experience Course 4	3			

Semester Seven: [15-16 Credit Hours]

CHE 4580	3		X	
BUS 1050	3		X	
Focus Area Elective Course 2	3-4		X	Choose from Focus Area Electives on POS
Fermentation Elective 3	3		X	Choose from Fermentation Electives area on POS
Business Elective Course	3		X	Choose from section II. F on POS

Semester Eight: [14-17 Credit Hours]

ACC 1050	3		X	
Integrative Learning Experience Course 3	3			If Integrative Learning Experience is met, take Free Elective
FER 4300 or 4900	3		X	CAPSTONE
Fermentation Elective 4	3		X	Choose from Fermentation Electives area on POS
Free Elective	2-5*			Take enough hours to reach the 120 hours required 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 FER courses and all courses used in Major Requirements area 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	
First Year Writing	3	Can be taken first or second semester of freshman year

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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 must be from ASU
 - 18 hours in the major must be from ASU
 - 9 hours in the minor must be from ASU