



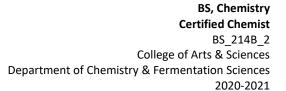
This four year guide is a recommended semester-by semester plan of study for this major. All four year guides are meant as examples of how a degree can be completed in four years. Individual plans will be developed for each student in consultation with the academic advisor. Prior credit, course availability, and student needs must be considered in developing the individual plan.

Shaded areas of plan require special attention. Included Min. Credit **Important Notes** Course Subject and Title Grade in Major POS = Program of Study Hours

GPA

Required

		Semes	ster One:	[17 Credit Hours]
RC 1000	3			May be taken in fall or spring of first year
CHE 1101 & 1110	4		Х	Also counts in Gen Ed Science Inquiry requirement (<i>PRE: MAT 1020 or equivalent test score</i>)
MAT 1110	4	C-	Х	Also meets Gen Ed Quantitative Literacy requirement (<i>PRE: MAT 1025 or equivalent test score</i>)
Liberal Studies Experience Course 1	3			HS or LS or FA or SS Designation
Integrative Learning Experience Course 1	3			
		Semes	ster Two:	[15 Credit Hours]
UCO 1200	3			May be taken in fall or spring semester of first year
CHE 1102 & 1120	4		Х	Also counts in Gen Ed Science Inquiry requirement <i>(PRE: MAT 1020 or equivalent test score)</i>
MAT 1120	4		Х	
Liberal Studies Experience Course 2	3			HS or LS or FA or SS Designation
Gen Ed Wellness Literacy	1			
		Semest	er Three	: [16 Credit Hours]
RC 2001	3			May be taken in fall or spring of sophomore year
CHE 2201 & 2203	4	C-	Х	Grade of C- required in both lecture & lab as prerequisite to CHE 2202 & 2204
CHE 2210 & 2211	4		Х	
PHY 1150	5		Х	PHY 1150 & 1151 must be completed prior to fall semester of junior year as prerequisite to CHE 3301 & 3303
		Semes	ter Four:	[16 Credit Hours]
CHE 2202 & 2204	4	C-	х	Minimum grade of C- required in CHE 2202 as prerequisite to CHE 4580 to be taken in semester seven
PHY 1151	5		Х	
Integrative Learning Experience Course 2	3			HS or LS or FA or SS Designation
Gen Ed Wellness Literacy	1			
Free Elective	3			
		Semest	er Five: [:	14-15 Credit Hours]
CHE 3301 & 3303	4		Х	Offered Fall Semester only [WID]
CHE 3000	1		Х	
Liberal Studies Experience Course 3	3			
Other Science Course 1	3-4		х	Courses from AST, BIO, GES, OR PHY, except 1000-level PHY courses or PHY 3350





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

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	

Free Elective	3			
		Seme	ster Six: [14 Credit Hours]
CHE 3302 & 3304	4		Х	Offered Spring Semester only
Integrative Learning Experience Course 3	3			
CHE 4000	1		Х	CAPSTONE
Free Elective	3			
Free Elective	3			
		Semest	er Seven:	[15 Credit Hours]
CHE 4580 Biochemistry I	3		Х	
CHE 4400 Senior Research	1		Х	CHE 4510 is an option for honors students
CHE 3404 & 3405	4		Х	Offered Fall Semester only
Integrative Learning Experience Course 3	3			
Free Elective	4			CS 1445 recommended
		Semeste	er Eight: [:	12-13 Credit Hours]
CHE 3560 & 3561	3		Х	Offered Spring Semester only
Liberal Studies Experience Course 4	3			HS or LS or FA or SS Designation
Other Science Course 2	3-4		Х	Courses from AST, BIO, GES, OR PHY, except 1000-level PHY courses or PHY 3350
Free Elective	3			
Free Elective	0-1*			*Take enough free electives to meet the 120 hours required for the degree

General Requirements Summary						
Minimum Gen Ed. Total Hours Hours		Minimum				
	Writing	Major GPA	Overall GPA			
120	44	RC 1000 and RC 2001	2.0	2.0		

All CHE courses and all courses Major Requirements area on Program of Study count in the major GPA.



Certified Chemist

BS_214B_2
College of Arts & Sciences
Department of Chemistry & Fermentation Sciences
2020-2021

BS, Chemistry

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.

Causes Subject and Title	Credit	Min.	Included	Important Notes
Course Subject and Title	Hours	Grade Required	in Major GPA	POS = Program of Study

General Education Program Model - 44 Semester Hours Total			
Program Categories	Hours	Important Notes – Be sure to check for Gen Ed courses required in your major	
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		

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
 - o 9 hours in the minor must be from ASU