

Name _____ I.D. No. _____ Advisor _____

MAJOR REQUIREMENTS					UNIVERSITY AND COLLEGE REQUIREMENTS				
Course Prefix and #	Course Title	Sem Hrs	Tr	U D	Course Prefix and #	Course Title	Sem Hrs	Tr	U D
+CHM 113	Gen. Chem.	4			University General Studies				
+CHM 115	Gen. Chem.	5			First Year Composition (requires "C" minimum)				
CHM 325	Analytical Chem.	3							
CHM 326	Analytical Chem. Lab	1							
=CHM 331	Gen. Org. Chem.	3			Literacy/Critical Inquiry (3 hrs must be upper division)				
=CHM 332	Gen. Org. Chem.	3			L _____				
=CHM 335	Org. Chem. Lab	1			L _____				
=CHM 336	Org. Chem. Lab	1			Numeracy				
CHM 341	Elem. Physical Chem.	3			MA _____				
CHM 343	Physical Chem. Lab	1			CS _____				
CHM 453	Inorganic Chem.	3			Humanities/Fine Art HU (6 to 9 hours*)				
@CHM/BCH	Elective	2							
Science & Math									
MAT 270	Calculus I	4			Social/Behavioral Sciences SB (6 to 9 hours**) _____				
MAT 271	Calculus II	4							
PHY 111	General Physics	3							
PHY 112	General Physics	3							
PHY 113	General Physics Lab	1							
PHY 114	General Physics Lab	1							
"C" or better in upper division courses in major									
Major Totals (46 hours required)									
Electives					Sciences				
					SQ _____				
					SG _____				
					Awareness Areas				
					Cultural (C) _____				
					Global (G) _____				
					Historical (H) _____				
					University Totals				
					College Graduation Requirements				
					(You can NOT double count courses from College Graduation HU, SB & Nat. Sci. & Math areas with Univ. Gen. Studies HU, SB, SG or SQ areas)				
					Second Language (4 th semester requires "C" minimum grade)				
					Humanities (6 to 9 hours*) 6 hrs. must be upper division				
					Social Behavioral Sciences (6 to 9 hours**) 6 hrs. must be upper division				
					Natural Sciences and Mathematics (6 to 8 hours)				
					College Totals				
					Total Hours (120 hours needed)				
					(45 total upper division hours needed)				
Elective Total									

+Alternative sequence: CHM 117, 118

=Alternative sequence: CHM 317, 318, 319, 320

@CHM/BCH elective must be chosen from the following courses: BCH 361, CHM 302, CHM 327, CHM 392, CHM 424, CHM 431, CHM 471, CHM 480, CHM 481, CHM 485

*A total of 15 hours must be taken from both the University humanities/fine arts (HU) and CLAS humanities areas. A total of 6 hrs. upper division must be taken in CLAS humanities.

** A total of 15 hours must be taken from both the University Social/Behavioral Sciences (SB) and CLAS areas. A total of 6 hrs. upper division must be taken in CLAS social behavioral science

•Cumulative grade index required 2.00.

•30 hours required in residence at ASU; 12 hours upper division required in major at ASU

The schedule presented below is a model program of study that includes all the departmental requirements for courses in chemistry and related subjects. It presents a sequence that accommodates prerequisites for the required courses. Students and advisers should recognize that the order of courses in this outline is a model program and many other plans will work as well.

Year 1			
Semester (Fall)	hrs.	Semester (Spr.)	hrs.
CHM 113	4	CHM 115	5
MAT 270	4	MAT 271	4
PHY 111	3	PHY 112	3
PHY 113	1	PHY 114	1
ENG 101	3	ENG 102	3
*Non-major	<u>0-2</u>		—
	15-17		16
Year 2			
Semester (Fall)	hrs.	Semester (Spr.)	hrs.
CHM 325	3	CHM 332	3
CHM 326	1	CHM 336	1
CHM 331	3		
CHM 335	1		
*Non-major	<u>7-9</u>	*Non-major	<u>11-13</u>
	15-17		15-17
Year 3			
Semester (Fall)	hrs.	Semester (Spr.)	hrs.
CHM 341	3	@CHM elective	2
CHM 343	1		
*Non-major	<u>11-13</u>	*Non-major	<u>13-15</u>
	15-17		15-17
Year 4			
Semester (Fall)	hrs.	Semester (Spr.)	hrs.
CHM 453	3		
*Non-major	<u>12-14</u>	*Non-major	<u>15-17</u>
	15-17		15-17

* Non-major courses: Courses that satisfy university general studies and college graduation requirements and any other interests the student chooses to pursue.

@ May be taken any semester to complete the chemistry hours requirement. NOTE: only 2 hrs. of credit for CHM elective is required.