

**California State University, Bakersfield**  
**B.S. in Chemistry**  
**Concentration: Traditional**  
**2023-2024 Four-Year Roadmap to Graduation**

Units Required to Graduate	120
Upper Division Units Required	40
Units in Residence Required	30

Year	Fall Schedule	Spring Schedule
1	GE FYS: CSUB 1029	GE A3: Critical Thinking
	GE A1: Oral Communication	Major - CHEM 1001
	GE A2: ENGL 1109	Major - CHEM 1100
	Major - CHEM 1000	Major - CHEM 2300
	Major - MATH 2010 or 2310 or 2510	Major - MATH 2020 or 2320 or 2520
	Units 15	Units 14
Completed Units through Year 1		29
<b>Fall Milestones</b>		<b>Spring Milestones</b>
Meet with faculty advisor		Meet with faculty advisor

Year	Fall Schedule	Spring Schedule
2	Major - CHEM 1600	Major - CHEM 2400
	Major - CHEM 2110	Major - CHEM 3110
	GE B2 or C or D	GE AI: History or Government
	GE B2 or C or D	GE B2 or C or D
	Major - PHYS 2110 or 2210	Major - PHYS 2120 or 2220
	Units 15	Units 15
Completed Units through Year 2		59
<b>Fall Milestones</b>		<b>Spring Milestones</b>
Meet with faculty advisor		

Important Notes
<p>*Area F is only required for incoming freshman in Fall 2021</p> <p>**The SELF and GVAR requirements are met by completing CHEM 3908.</p> <ul style="list-style-type: none"> <li>• Courses may not always be taught in the semester shown. Check for the most current list of projected course offerings.</li> <li>• Area A4, Area B1, and UD Area B requirements are satisfied within the major; you DO NOT need to take them.</li> <li>• Be sure to meet with your chemistry faculty advisor frequently to ensure you are meeting all degree requirements.</li> <li>• This is just one example of how to schedule classes to graduate in 4 years. Other schedules may be equally valid.</li> </ul>

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<b>3</b>	Major - CHEM 2900	2	GE JYDR: Junior Year Diversity Reflection	3
	Major - CHEM 3300	3	Major - CHEM 2200 (or 2240)	2
	Major - CHEM 3301	2	Major - CHEM 3310	2
	GE F*	3	Major - CHEM 3311	2
	GE AI: History or Government	3	Major - CHEM 3600	3
	GE B2 or C or D	3	Additional 3 unit course	3
		Units <u>16</u>		Units <u>15</u>
		Completed Units through Year 3	90	
	<b>Fall Milestones</b>	<b>Spring Milestones</b>		
	Meet with faculty advisor			

Year	Fall Schedule	Spring Schedule		
<b>4</b>	GE UD C or D: Upper Division Theme	3	Major - CHEM 3610	3
	GE UD C or D: Upper Division Theme	3	Major - CHEM 4110	1
	Major - CHEM 3908**	3	GE Capstone/Major - CHEM 4908	3
	Major - CHEM 4100	1	Major - CHEM UD elective 2	3
	Major - CHEM 4101	1	Additional 3 unit course	3
	Major - CHEM 4200	3	Additional 2 unit course	2
	Major - CHEM UD elective 1	1		
	Units <u>15</u>		Units <u>15</u>	
		Completed Units through Year 4	120	
	<b>Fall Milestones</b>	<b>Spring Milestones</b>		
	Meet with faculty advisor Apply for graduation	Purchase Cap & Gown		

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