

**California State University, Bakersfield**  
**B.S. in Biochemistry**  
**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 2	GE A3: Critical Thinking 3
	GE A1: Oral Communication 3	Major - CHEM 1001 2
	GE A2: ENGL 1109 3	Major - CHEM 1100 2
	Major - CHEM 1000 3	Major - CHEM 2300 3
	Major - MATH 2010 or 2310 or 2510 4	Major - MATH 2020 or 2320 or 2520 4
	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	GE C or D 3	GE C or D 3
	Major - CHEM 1600 2	GE C or D 3
	Major - CHEM 2940 2	Major - CHEM 2400 2
	Major - CHEM 3300 3	Major - CHEM 3310 2
	Major - CHEM 3301 2	Major - CHEM 3311 2
	Major - PHYS 2110 or 2210 4	Major - PHYS 2120 or 2220 4
Units 16	Units 16	
Completed Units through Year 2		61
<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 GWAR requirements are met by completing CHEM 3948.</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 B, 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>	GE F*	3	GE JYDR: Junior Year Diversity Reflection	3
	GE AI: History or Government	3	Major - BIOL 2010	4
	GE AI: History or Government	3	Major - BIOL 2110 or 2120	4
	Major - CHEM 2240 (or 2200)	3	Major - CHEM 4400	2
	Major - CHEM 3400	2	Major - CHEM 4401	2
	Major - CHEM 3401	2		
		Units 16		Units 15
		Completed Units through Year 3	92	
	<b>Fall Milestones</b>	<b>Spring Milestones</b>		
	Meet with faculty advisor			

Year	Fall Schedule	Spring Schedule		
<b>4</b>	GE UDC or D: Upper Division Theme	3	GE Capstone/Major - CHEM 4948	3
	GE UDC or D: Upper Division Theme	3	Major - CHEM or BIOL UD elective 2	3
	Major - CHEM 3600	3	Additional 3 unit course	3
	Major - CHEM 3948**	3	Additional 3 unit course	3
	Major - CHEM or BIOL UD elective 1	3	Additional 1 unit course	1
		Units 15		Units 13
		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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