NAME		
STUDENT ID		
CONCENTRATION		
MINOR		
Cal Poly, Higher Ed., and Major GPA at least 2.00	[] YES [] NO
US Cultural Pluralism Met	[] YES [] NO
60 Units Upper-Division Met Taken/Remaining	[] YES [] NO
GWR Met	[] YES [] NO
Upper-Division GE Met Taken/Remaining	[] YES [] NO
Free Electives Met	[] YES [] NO
C- or higher in A1, A2, A3, and B4	[] YES [] NO



NOTE: This is a snapshot of the curriculum as originally published in the catalog. The Degree Progress Report (DPR) reflects updates to the published catalog. The DPR will be used to award your degree and calculate your EAP.

Residency Requirements Met	[] Y	ES []	NO	catalog. The DPR will be used to award your degree and calculate yo	our EAP.	
Note: No Major, Support or Concentration courses	may be	selecte	d as cred	lit/no credit.		
MAJOR COURSES (77-80)	Units	Grade	Grd Pts	GENERAL EDUCATION (GE)		56
CHEM 124 Gen Chem I for PSE (B1&B3) ¹	4			72 units required, 16 of which are specified in Major/Supp	ort	
CHEM 125 Gen Chemistry II for PSE	4			Minimum of 12 units required at the 300 level.		
CHEM 126 Gen Chemistry III for PSE	4			Area A English Language Comm & Critical Thinking		12
CHEM 203 Undergraduate Seminar I	1			A1 Oral Communication	4	
CHEM 216 Org Chemistry I	5			A2 Written Communication	4	
CHEM 217 Org Chemistry II	3			A3 Critical Thinking	4	
CHEM 218 Org Chemistry III	3			Area B Scientific Inquiry & Quantitative Reasoning		4
CHEM 221 Organic Chem Lab II	2			B1 Physical Science (4 units in Major) 1		
CHEM 303 Undergraduate Seminar II	1			B2 Life Science (4 units in Support) 1		
CHEM 324 Org Chem Lab III	2			B3 Laboratory Activity (in Major/Support) 1		
CHEM 331 Quantitative Analysis ²	5			B4 Math/Quant. Reasoning (4 units in Support) 1		
CHEM 351 Physical Chemistry I	3			Upper-Division B	4	
CHEM 352 Physical Chemistry II	3			Area C Arts and Humanities		16
CHEM 353 Physical Chemistry III	3			Lower-division Area C courses must come from 3 different subject p	refixes	
CHEM 354 Physical Chem Lab	2			C1 Arts ⁷	4	
CHEM 357 Physical Chem III Lab	1			C2 Humanities ⁷	4	
CHEM 371 Biochemical Principles	5			Lower-Div. C Elect.: C1 or C2 ⁷	4	
CHEM 403 Ugrd Sem. III: Sr Proj	1			Upper-Division C	4	
CHEM 439 Instrumental Analysis	5			Area D Social Sciences	•	16
CHEM 481 Inorganic Chemistry	3			()	4	
CHEM 484 Inorganic Chemistry Lab	2			Courses in D2 must come from 2 different subject prefixes		
Select 15 units of Advanced Chemistry Electives	15			D2 Lower-Division ⁸	4	
or declare and follow the 18-unit Polymers & Coatings				D2 Lower-Division ⁸	4	
Concentration ³ (see reverse)	18			Upper-division D	4	
				Area E Lifelong Learning and Self-Development		4
				Lower-Division E	4	
				GE Electives in Areas C or D		4
				Select a course from Area C or D; may be lower- or upper- division		
				GE Elective (GE Area C or D)	4	
				GE Elective (4 units of Area B in Support) 1		
				<u> </u>		

SUPPORT COURSES (38-39)

BIO 161 Intr	o to Cell & Molecular Biol (B2&B3) ¹	4		
MATH 141	Calculus I (B4) ¹	4		
MATH 142	Calculus II (GE Elective) ¹	4		
MATH 143	Calculus III	4		
MATH 241	Calculus IV			
Select one co	ourse from the following:			
CSC 232, 234, 235; MATH 206, 244; STAT 218, 312				
PHYS 141	General Physics IA	4		
PHYS 132	General Physics II	4		
PHYS 133	General Physics III	4		
Physics elect	ive (200-level and above)	3		

FREE ELECTIVES 5-9

- ¹ Required in Major/Support; also satisfies General Education (GE) requirement.
- 2 Students should take CHEM 331 as soon as possible after completing CHEM
- ³ Consultation with advisor is recommended prior to selecting Advanced Electives; bear in mind your selections may impact pursuit of post-baccalaureate studies and/or goals.
- ⁴ No more than 6 units may apply to Advanced Chemistry Electives.
- ⁵ No more than 2 units may aply to Advanced Chemistry Electives.
- ⁶ If a GE course is used to satisfy a Major or Support requirement, additional Free Elective units may be needed to complete the total units required for the degree.
- ⁷C1, C2, and C elective must come from three different subject prefixes.
- ⁸ Second D2 must be a different subject prefix from the first D2.

ADVANCED CHEMISTRY ELECTIVES or POLYMERS AND COATINGS CONCENTRATION

Select 15 units	OCHEMISTRY ELECTIVES ³ of Advanced Chemistry Electives or declare and follow
	ymers & Coatings Concentration
	108 ^{4,6} or CHEM 349 ⁶ or ENVE 324 ⁶ or SCM
335 ⁶ or SCM BIO/CHEM 4	360 ⁶ 41 Bioinformatics Applications
BIO/CHEM 4	75 Molecular Biology Laboratory
CHEM 252	Laboratory Glassblowing
CHEM 302	Marine Chemistry
CHEM 341	Environmental Chemistry: Water Pollution
CHEM 372	Metabolism
CHEM 373	Molecular Biology
CHEM 377	Chemistry of Drugs and Poisons
CHEM 401	Advanced Undergraduate Research ⁴
CHEM 405	Advanced Physical Chemistry
CHEM 414	Advanced Organic Chemistry - Mechanisms
CHEM 419	Bioorganic Chemistry
CHEM 420	Advanced Organic Chemistry - Synthesis
CHEM 428	Nutritional Biochemistry
CHEM 444	Polymers & Coatings I
CHEM 445	Polymers & Coatings II
CHEM/MAT	E 446 Surface Chemistry of Materials
CHEM 447	Polymers and Coatings Laboratory I
CHEM 448	Polymers and Coatings Laboratory II
CHEM 449	Polymers and Coatings Internship
CHEM 450	Polymers and Coatings III
CHEM 451	Polymers and Coatings Laboratory III
CHEM 454	Functional Polymeric Materials
CHEM 458	Instrumental Organic Qualitative Analysis
CHEM 463	Honors Research
CHEM 465	College Teaching Practicum
CHEM 466	Learning Assistant Seminar
CHEM 470	Selected Advanced Topics
CHEM 474	Protein Techniques Laboratory
CHEM 477	Biochemical Pharmacology
CHEM 485	Cooperative Education Experience ⁵
CHEM 495	Cooperative Education Experience ⁵
SCM 302/EN	GR 322 The Learn By Doing Lab Teaching Practicum

POLYMERS AND COATINGS CONCENTRATION

CHEM 444	Polymers & Coatings I	3
CHEM 445	Polymers & Coatings II	3
CHEM 446	Surface Chemistry of Materials	3
CHEM 447	Polymers and Coatings Laboratory I	2
CHEM 448	Polymers and Coatings Laboratory II	2
CHEM 450	Polymers and Coatings III	3
CHEM	ourse from the following:	2

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