Point Loma Naza	rene University	LO 1a	LO 1b	LO 1c	LO 1d	LO 1e	LO 2	LO 3	LO 4
·	Curriculum Map - Students will:	Demonstrate understanding of and apply key concepts and principles in analytical chemistry.	Demonstrate understanding of and apply key concepts and principles in biochemistry.	Demonstrate understanding of and apply key concepts and principles in inorganic chemistry.	Demonstrate understanding of and apply key concepts and principles in organic chemistry.	Demonstrate understanding of and apply key concepts and principles in physical chemistry.	Use standard instrumentation and laboratory equipment to conduct scientific experiments and perform chemical characterization and analyses.	Participate in the life of the Chemistry Department by Involvement in one or more of the following areas: research, chemistry club, and/or various positions of responsibility serving as graders, tutors, stockroom workers and/or teaching assistants.	Be prepared for post graduate studies or a science-related career.
Course	Course Title								
	ON REQUIREMENTS	•							
	05 General Chemistry I	l l	ı	I	1	I	I		
	05 General Chemistry II	I	I	I	I	I	I		
	01 Analytical Chemistry	D				D	D		
	09 Organic Chemistry I		D		D		D		
	05 Organic Chemistry II		D		M		M		
UPPER-DIVISION	ON REQUIREMENTS								
CHE 3026 CHE 3027 CHE 3051/CHE 3 CHE 3070/CHE 3 CHE 4050/CHE 4 CHE 4053 CHE 4054 CHE 4066 CHE 4067 CHE 4068	02 Physical Chemistry I Physical Chemistry II Physical Chemistry II Lab 05 Organic Structure Elucidation 07 Instrumental Analysis 05 Advanced Biochemistry Advanced Organic Chemistry Advanced Organic Chemistry Lab Bioinorganic Chemistry Advanced Inorganic Chemistry Lab Advanced Inorganic Chemistry Chemistry Chemistry	D M M	M D	D D D M M	M M M	M M M	M M M M D		D/M
OTHER ACTIVIT			1	l .	1	ı	1	1	D/ IVI
Faculty Advising (Academic, pre-health, pre-teaching, and pre-industry)							I/D		
Career events	(Academic, pre-neariti, pre-teaching, and pre-indu	311 y j							D, M
	and/or grader, tutor, stockroom worker, TA							I/D/M	D, M
Undergradaute research								D/M	D, M
Internships			1			 		D/IVI	
Internships			1	l	1	1	1	1	D, M