

MAJOR REQUIREMENTS				
LOWER-DIVISION CORE REQUIREMENTS				
A. Math/Physics*		B. Chemistry*		
_____ Math 2A	_____ Chem M2A-M2B-M2C			
_____ Math 2B	_____ Chem M2LA-M2LB	_____ Chem M3LC		
_____ Math 2D	_____ Chem 51A-51B-51C			
_____ Physics 7C-7LC	_____ Chem M52LA-M52LB-M52LC			
_____ Physics 7D-7LD	_____ Chem 5			
_____ Physics 7E				
UPPER-DIVISION CORE REQUIREMENTS				
A. Upper-Division Core*				
_____ Chem 132A	_____ Chem 132B	_____ Chem 132C		
_____ Chem 107	_____ Chem 107L	_____ Chem 152 or 153^		
REQUIRED ELECTIVES				
Electives - 5 courses total; at least 3 of the courses must be offered by the Chemistry Department, including at least 1 Chemistry lecture course and 1 Chemistry lab course. Additionally, of the 5 courses, at least 2 must be lecture courses and 2 laboratory courses.				
_____ Chem Lecture	_____ Chem Lab	_____ Chem Elective	_____ Elective	_____ Elective
Lecture courses (2): Bio Sci 98, 99, M114, M116, M123 Chem 100, 125, 127, 128, 133, 138, 141, 145A, 145B, 150, 177, 201-205, 210-269 EarthSS 142, 144, 171 Engineering CBE 110, 130, 145, 161, 181, 183, CEE 162, MAE 114, 164, MSE 141, 164 Pharm Sci 170A, 170B, 171 Physics 111A, 111B, 112A, 112B Pub Health 171				
Laboratory courses (2): Bio Sci M114L, M116L, M118L Chem 128L, 133L, 150L, 153^, 156, 160, 177L, 180/H180^, 197 EarthSS 114 or 115 Engineering CBE 140A, 140B				
*All courses must be completed from this section. ^Chem 153 can only be used once for a required elective or Upper-Division Core. Chem 180/H180 can be used no more than once for a required elective.				
Notes:				

SPECIALIZATION/CONCENTRATION		
Students interested in declaring a concentration or specialization should contact the Physical Sciences Student Affairs Office. Concentrations/Specializations are optional. Additional information on focus areas can be found on the Chemistry Department website: https://www.chem.uci.edu/undergrad		
CONCENTRATION IN CHEMICAL BIOLOGY		
_____ Bio Sci 97	_____ Bio Sci 98	_____ Bio Sci 99
_____ Chem 128	_____ Chem 128L	
SPECIALIZATION IN MEDICINAL CHEMISTRY		
_____ Chem 128	_____ Chem 128L	_____ Chem 160
_____ Chem 177	_____ Chem 177L	
SPECIALIZATION IN NUCLEAR AND RADIOCHEMISTRY		
_____ Chem 133	_____ Chem 133L	_____ Chem 152
_____ Chem 153	_____ Approved Elective	
SPECIALIZATION IN SYNTHETIC CHEMISTRY		
_____ Chem 125	_____ Chem 127	_____ Chem 156
_____ Chem 160		
SPECIALIZATION IN ENVIRONMENTAL CHEMISTRY		
_____ Chem 141	_____ Chem 152	_____ Chem 153
_____ EarthSS 144	_____ Chem 145A or EarthSS 142	
CONCENTRATION IN CHEMISTRY EDUCATION		
_____ Educ 55	_____ Phy Sci 5	_____ Phy Sci 105
_____ Chem 193		
SECONDARY TEACHING CERTIFICATION OPTION		
In addition to the concentration requirements, students can earn a California Single Subject Teaching Credential by completing all of these additional classes:		
_____ LPS 60	_____ Educ 109	_____ Educ 143AW
_____ Educ 143BW	_____ Educ 148	
_____ Educ 158	_____ Educ 158 (two quarters required)	
*Educ 143A and 143B plus 148 count as three electives from the required elective list.		
CONCENTRATION IN THEORETICAL AND COMPUTATIONAL CHEMISTRY AND QUANTUM SCIENCE		
_____ Math 3A	_____ Math 3D	
_____ Chem 150	_____ Chem 150L	_____ Physics 50
Select at least nine courses from the courses below, at least one must be taken from each list, or the chemistry major electives list.		
One from List #1: Physics 111A, 111B, 112A, 112B, 113A, 113B, 113C, 115A, 125A, 125B		
One from List #2: Math 105A-LA, 105B-LB, Stats 7, 110, 111, 112		
One from List #3: EECS 12, 20, 22, 22L		
*Chem 5, 107L, 152, and all electives under the regular Chemistry major are not required and are optional for this concentration.		
Students interested in American Chemical Society (ACS) Certification can locate requirements in the UCI Catalog.		

Name _____ Student ID _____

UNIVERSITY OF CALIFORNIA (UC) REQUIREMENTS

☐ Entry Level Writing
 ☐ American History
 ☐ American Institutions

UC Requirements can be satisfied many different ways. Please contact Physical Sciences Student Affairs for more information on how to satisfy UC Requirements.

GENERAL EDUCATION (GE) REQUIREMENTS

IA. LOWER-DIVISION WRITING (2 courses)
1.
2.
IB. UPPER-DIVISION WRITING (1 course)
1.
II. SCIENCE & TECHNOLOGY (3 courses)
1.
2.
3.
III. SOCIAL & BEHAVIORAL SCIENCES (3 courses)
1.
2.
3.
IV. ARTS & HUMANITIES (3 courses)
1.
2.
3.
V. QUANTITATIVE, SYMBOLIC, COMP. REASONING (3 courses)
VA 1.
VB 2.
VA or VB 3.
VI. LANGUAGE OTHER THAN ENGLISH (1C or equivalent)
1.
VII. MULTICULTURAL STUDIES (1 course)
1.
VIII. INTERNATIONAL/GLOBAL ISSUES (1 course)
1.

TRANSFER STUDENTS:

☐ Partial IGETC ☐ Full IGETC
Cert. Received. ☐ Yes ☐ No

Physical Sciences Student Affairs
<http://ps.uci.edu/undergraduates>

Chemistry Department
<http://www.chem.uci.edu>

School of Physical Sciences
<http://ps.uci.edu/>

CHEMISTRY SAMPLE STUDY PLAN

FALL	WINTER	SPRING
Freshman		
Chem M2A-M2LA	Chem M2B-M2LB	Chem M2C
Math 2A	Math 2B	Chem M3LC
Gen Ed/Elective	Gen Ed/Elective	Math 2D
Chem 11		Gen Ed/Elective
Sophomore		
Chem 51A-M52LA	Chem 51B-M52LB	Chem 51C-M52LC
Chem 5	Physics 7D-7LD	Physics 7E
Physics 7C-7LC	Gen Ed/Elective	Gen Ed/Elective
Gen Ed/Elective	Gen Ed/Elective	Gen Ed/Elective
Junior		
Chem 132A	Chem 132B	Chem 132C
Chem 107	Chem 152	Chem 107L
Chem Elective	Chem Elective	Gen Ed/Elective
Gen Ed/Elective	Gen Ed/Elective	Gen Ed/Elective
Senior		
Chem Elective	Chem Elective	Chem Elective
Gen Ed/Elective	Gen Ed/Elective	Gen Ed/Elective
Gen Ed/Elective	Gen Ed/Elective	Gen Ed/Elective

Reference UCI Catalogue for approved General Education courses:
<https://catalogue.uci.edu/>