

OCU Chemistry Education Degree Requirements

I. Chemistry Education Requirements (65 Credits)

Course or Area		Hours	To Do	Completed
Chemistry Courses (35 Credits)				
General Chemistry I	CHEM 1104	4		
General Chemistry I Laboratory	CHEM 1141	1		
General Chemistry 2	CHEM 1204	4		
General Chemistry 2 Laboratory	CHEM 1241	1		
Quantitative Analysis	CHEM 2303	3		
Quantitative Analysis Laboratory	CHEM 2342	2		
Organic Chemistry I	CHEM 3103	3		
Organic Chemistry I Laboratory	CHEM 3141	1		
Organic Chemistry 2	CHEM 3203	3		
Organic Chemistry 2 Laboratory	CHEM 3241	1		
Inorganic Chemistry	CHEM 3303	3		
Additional Science Courses (9 Credits)				
General Physics 1	PHYS 2104	3		
General Physics 1 Lab	PHYS 2141	1		
General Physics 2	PHYS 2204	3		
General Physics 2 Lab	PHYS 2241	1		
Integrated Science Lab	SCI 1041	1		
Education Courses (30 Credits)				
Introduction to Teaching	EDUC 2001	1		
Human Development	EDUC 3103	3		
Psychology & Assessment of Learning <i>(Service Learning Course)</i>	EDUC 3113	3		
Students with Exceptionalities <i>(Service Learning Course)</i>	EDUC 3213	3		
Classroom Management	EDUC 4512	3		
Methods of Teaching Science	EDUC 4433	3		
Technology in the Classroom	EDUC 4413	3		
Student Teaching Seminar	EDUC 4663	3		
Student Teaching - Secondary	EDUC 4739	9		
Total Credit Hours		65		

Anticipated Student Teaching Date: _____

Anticipated Graduation Date: _____

CERTIFICATION TESTS	
	Date Taken
OGET	
OSAT	
OPTE	

II. University General Education Requirements (43 Credits)

Course or Area	Hours	To Do	Completed
Bible & Culture or World Religions ¹	REL 1003 REL 2513	3	
World Literature or Western Literature or Classics of Western Culture or British Literature or American Literature	ENGL 2603 ENGL 2103 ENGL/PHIL 2004H/2114H ENGL 2403/2413/2703 ENGL 22713, 2813	3	
Liberal Arts Seminar ²	LAS 1063	3	
American/U.S. History or HIST 1113 Survey of United States History for International students	HIST 1003 or 1103	3	
Governance in America or POLS 1013 Comparative Politics for International Students	POLS 1113	3	
Methods of Science Inquiry Integrated Science Lab A student may satisfy the 1-credit lab requirement by passing a 2000 level or above lab science course	SCI 1003 SCI 1041	3 +1	
Composition I	ENGL 1113	3	
Composition II	ENGL 1213	3	
Social Sciences			
Principles of Microeconomics Introduction to Sociology Introduction to Psychology	ECON 2113 SOC 2013 PSYC 1113	3	
Philosophy/Ethics			
Business Ethics and Leadership Christian Ethics Classics of Western Culture I or II Ethics of Communication Moral Issues in Contemporary Culture Moral and Social Philosophy	MGMT 2223/PHIL 2203 PHIL or REL 2703 ENGL/PHIL 2004H or 2114H PHIL or PHRH 2513 PHIL or REL 2163 PHIL or REL 2213	3	
Mathematics			
College Algebra OR a higher level 3- or 4-credit math course Statistics for Behavioral Sciences Business Statistics	MATH 1503 PSYC 2303 or POLS 2303 or SOC 2303 ECON 2123	3	
Modern Language			
Six hours (through beginner II level) in a single language; or four years (eight semesters) of a single language in high school; or equivalent competency as determined by the Department of Modern Language; or, for international students whose first language is other than English, a TOEFL score of 550 or above (equivalent score on the IBT is 80 or above).		6	

¹ Students must take either Bible and Culture or World Literature to satisfy the Cross-Cultural requirement. A University approved study-abroad program will also fulfill the Cross-Cultural requirement.

² All incoming freshmen and transfer students with 45 credit hours or less are required to take the liberal arts seminar. Transfer students may petition that previous coursework count toward the requirement. Transfer students with more the 45 credit hours must take an additional 3 credit hrs course from the College of Arts and Sciences in consultation with advisor.

NOTE: Some schools have additional language requirements. Students should check with their advisor.			
Arts A course in AMGT, ART, FILM, MUS, THRE, DANC; or PHIL 1013; or ENGL 2123	3		

IV. SLAS Liberal Arts Core Requirements (12 Credits)

Course or Area	Hours	To Do	Completed
Public Speaking PHRH 1103	3		
Laboratory Science BIOL, CHEM, or PHYS	4		
International or Diversity (covered by Students with Exceptionalities) <i>(approved courses or study abroad)</i>	3		

Course or Area	Hours	To Do	Completed
Cross-Cultural Studies Students must take either Introduction to World Religions or World Literature to satisfy the Cross-Cultural requirement. A University approved study-abroad program will also fulfill the Cross-Cultural requirement. Cross-cultural courses include: ENGL 2603; MUS 1123; POLS 1013; REL 2513; ENGL 3963/SOC 4603 SPAN 3963			
Service Learning Choose from a list of approved courses, which include a service-learning component. Each semester the Class Schedule contains a section of approved service-learning courses. This requirement may be met by taking a course, which satisfies another requirement, by selected internships, or through approved individual service experiences.			
Capstone This requirement may be satisfied by all existing capstone courses provided there is evidence that the course requirements include writing a paper and giving an oral presentation.			

Date	Notes

