

Sample Map of a Typical Chemistry Major Aligned with the University Learning Objectives

		University Learning Objectives											
											Make reasoned decisions based on:		
		Think critically	Think creatively	Communicate effectively	Expertise in scholarly discipline	Understand discipline in larger world	Individual work	Group work	Use knowledge & skills to make a positive contribution	Engage in lifelong learning	an understanding of ethics	a respect for diversity	an awareness of sustainability
	Key: I = Introduced to D = Develop, M = Master												
	COURSES												
Year 1	Chem 127, 128, 129	I			I		I						
	Bio 161	I					I	I					I
	Math 141, 142, 143	I					I						
	GE: A1, A2, A3	I		I	I	I	I			I			
	Free Elective												
Year 2	Chem 316	I			I								
	Chem 317	D			D								
	Chem 318	I	I		D	D							
	Chem 319	D	D	D	D		D	D		I		I	
	Chem 331	D	D	D	D	D	D	D		D		D	
	Phys 141, 142, 143	I					I						
	GE:C1	D	I	D	I	I	I						
	GE:C2	D		D	I	I	I				I		
	GE:C3	D	I		I	I	I						
	Free Elective												
Year 3	Chem 351, 352	D		D	D		D	D					
	Chem 353	M		M	M		M						
	Chem 357	M		M	M		M	M		M		D	
	Chem 313/371	D	D	M	M		M	M					
	Chem 354	M		M	M		M	M		M		D	
	Chem 459	M	M	M	M	M	M		M	D	M	M	M
	Math 241	D		D			D						
	Math 244/200	D					D						
	GE:C4	D	D	D	D	D	D						
	GE:C1-4 upper												
GE: D1, D2, D3	D			I	I	I		I			I		
Year 4	Chem 481	M		M	M		M						
	Chem 439	M	M	M	M	M	M	M		M		M	
	Chem 484	M		M	M		M			M		M	
	3 Chem Elect												
	Chem 461	M	M	M	M	M	M		M	M	M	M	
	2 Chem Elect												
	Phys 200+	D					D						
	GE:D4	D			I	I	I						
	GE:D5	D		D	D	D	D		D				
	GE: F	D			D	D	D		D	D	D		
Co- Extra Curricular Involvement	ACS student group	D	D	D	D	D		D	D	D	D	D	
	Alpha Chi Sigma	D	D	D	D	D		D	D	D	D	D	
	Peer Tutor	D	D	D	D		D		D		D		