

Curriculum Matrix

B.S. in Chemistry

CHEM Course *Lab Course WP= Writing proficiency course C= GE Capstone	Goal 1 Understand Chem. Theory			Goal 2 Profic. Lab Manipulations			Goal 3 Quant. Analysis Exp. Data			Goal 4 Written & Oral Commun.		
	Outcome A Use basic underst. of matter to explain complex phenom.	Outcome B Theory in inorganic organic physical analytical biochem.	Outcome C Apply math to chem. concepts	Outcome A Chem. analysis with modern instrum.	Outcome B Design & modify instrum. based exp.	Outcome C Chem. safety & environ. impact	Outcome A Analysis exp. results using chem. theory	Outcome B Perform analyses with good accuracy & precision	Outcome C Treat data with statistics on a computer	Outcome A Retrieve info. From chem. literature	Outcome B Well written reports	Outcome C Clear oral present.
111*	i	i	i	i		i	i	i	i		i	
112*	i	i	i	i		i	i	i	i		i	
270*	i/p	i		i		i	i	i			i	
320*	p	p	p	i/p	i/p	p	p/m	p/m	i/p/m		m	
331	m	m	m									
332	m	m	m									
361	m	p	p				p			p		
370	p/m	p/m		i		p	p	p			p	
370M*	p	p		p	p	p	p	p	i	i	p	i
381*	m	m	i	m	p/m	m	m	m	p/m			
382*	p/m	p/m	i	m	p	p/m	p/m	m	p	p/m	p/m	p
401 (WP)										m	p	m
420	m	m										
451	m	p	p									
483*	m	m		m	m	m	m		m	m		m

Abbreviations: (i) introduction, (p) practice, (m) mastery.