

# 2018-19 ACADEMIC MAP

BS - Chemistry Option C: Pre-Medical Science, Pre-Pharmacy

TOTAL HRS: 121



\* minimum grade required

FALL SEMESTER						SPRING SEMESTER					
PREFIX	COURSE	CREDIT	AREA	GR*	SEM/GR	PREFIX	COURSE	CREDIT	AREA	GR*	SEM/GR
YEAR 1-Freshman	CHE 101	Gen Chem I Lecture	3	Gen Ed	C	CHE 102	Gen Chem II Lecture	3	Gen Ed	C	
	CHE 103	Gen Chem I Lab	1	Gen Ed	C	CHE 104	Gen Chem II Lab	1	Gen Ed	C	
	BIO 100	General Biology I	4	Major	C	BIO 101	General Biology II	4	Major	C	
	ENG 101	Composition I	3	Gen Ed		ENG 102	Composition II	3	Gen Ed		
	MAT 104	College Algebra	3	Gen Ed		MAT 105	Trigonometry	3	Spec Dgr	C	
	CHE 108	Intro Chemistry Sem	1	Core			Personal Development	1	Gen Ed		
	FYS 100	First Year Seminar	1	Univ Req				15			
		16									
YEAR 2-Sophomore	CHE 319	Organic Chem I Lab	1	Core	C	CHE 320	Organic Chem II Lab	1	Core	C	
	CHE 321	Organic Chem I	3	Core	C	CHE 322	Organic Chem II	3	Core	C	
	PHY 221	Phys for Life Sci I	3	Major	C	MAT 300	Statistics	3	Spec Dgr	C	
	PHY 233	Phys for Life Sci I Lab	1	Major	C	PHY 222	Phys for Life Sci II	3	Major	C	
	MAT 251	Calculus I	3	Spec Dgr	C	PHY 234	Phys for Life Sci II Lab	1	Major	C	
	ENG 200 level	Literature	3	Gen Ed		COM 101/202	Communication Studies	3	Gen Ed		
		Personal Development	1	Gen Ed		ECO 211	Microeconomics	3	Major		
		15					17				
YEAR 3-Junior	CHE 440	Biochemistry I	4	Major	C	CHE 351	Phys Chem for Life Sci	4	Major	C	
	BIO 217	Microbiology	4	Major	C	BIO 417	Medical Microbiology	4	Major	C	
	BIO 300	Cell Biology	4	Major	C	SOC 101	Principles of Sociology	3	Gen Ed		
	PSY 101	General Psychology	3	Gen Ed		BIO 328	Genetics	4	Major	C	
		15					15				
YEAR 4-Senior	CHE 311	Quantitative Analysis	5	Core	C	CHE 441	Biochemistry II	3	Major	C	
	BIO 330	Mammalian Physiology I	4	Major	C	HIS 100/200	History	3	Gen Ed		
	BIO 427	Immunology	4	Major	C		Humanities & Fine Arts	3	Gen Ed		
		Fine Arts	3	Gen Ed		PHI 408	Biomedical Ethics	3	Major	C	
		16					12				