

Sample Schedule ***BS: Concentration in Biochemistry***

FRESHMAN YEAR (29 CR)

Semester 1		Semester 2	
CHEM 211, 213 General Chemistry I	4	CHEM 212, 214 General Chemistry II	4
MATH 113 Anal. Geom. & Calc. I	4	MATH 114 Anal. Geom. & Calc. II	4
ENGH 101	3	BIOL 213 Cell Structure & Function	4
HIST 125	3	Literature requirement	3
	14		15

SOPHOMORE YEAR (31 CR)

Semester 3		Semester 4	
CHEM 313 Organic Chemistry I	3	CHEM 314 Organic Chemistry II	3
CHEM 315 Organic Chemistry Lab I	2	CHEM 318 Organic Chemistry Lab II	2
PHYS 243 or 160 Physics I	3	CHEM 321 Elementary Quant. Anal.	4
PHYS 244 or 161 Physics Lab I	1	PHYS 245 or 260 Physics II	3
Social and Behavioral Sciences req.	3	PHYS 246 or 261 Physics Lab II	1
COMM requirement	3	IT requirement	3
	15		16

JUNIOR YEAR (30 CR)

Semester 5		Semester 6	
CHEM 331 Physical Chemistry I	3	CHEM 464 General Biochemistry II	3
CHEM 336 Physical Chemistry Lab I	2	CHEM 465 Biochemistry Lab	2
CHEM 463 General Biochemistry I	4	BIOL 305 Biol. of Microorganisms	3
ENGH 302	3	BIOL 306 Biol. of Microorg. Lab	1
Elective	3	Global Contexts requirement	3
	15	Elective	3
			15

SENIOR YEAR (30 CR)

Semester 7		Semester 8	
CHEM/BIOL Elective I	3	CHEM/BIOL Elective II	3
CHEM 446 Bioinorganic Chemistry	3	CHEM/BIOL Elective III	3
Arts requirement	3	Mason Apex requirement	3
Electives	6	Electives	6
	15		15

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