

## Bachelor of Science in Chemistry with Preprofessional and Paramedical Concentration, 214H

YEAR	FALL SEMESTER	SEM	DESIGN	HOURS	YEAR	SPRING SEMESTER	SEM	DESIGN	HOURS
1st	CHE 1101 Introductory Chemistry I **		ND	3	1st	CHE 1102 Introductory Chemistry II **		ND	3
1st	CHE 1110 Introductory Chemistry I Laboratory			1	1st	CHE 1120 Introductory Chemistry II Laboratory			1
1st	MAT 1110 Calculus with Analytical Geometry I		ND	4	1st	MAT 1120 Calculus with Analytical Geometry II		ND	4
1st	ENG 1000 Expository Writing		W	3	1st	ENG 1100 Introduction to Literature		W	3
1st	core curriculum course			3	1st	core curriculum course			3
					1st	physical activity/wellness course			1
				14					15
2nd	CHE 2201 Organic Chemistry I **			3	2nd	CHE 2202 Organic Chemistry II **			3
2nd	CHE 2203 Organic Chemistry I Laboratory			1	2nd	CHE 2204 Organic Chemistry II Laboratory		W	1
2nd	PHY 1150 Analytical Physics I **	[F]	W, ND	5	2nd	PHY 1151 Analytical Physics II **	[S]	W, ND	5
2nd	BIO 1110 Concepts of Biology **			4	2nd	BIO 2001 Introduction to Zoology **	[S]		4
2nd	core curriculum course			3	2nd	core curriculum course			3
				16					16
3rd	CHE 2210 Quantitative Analysis **			4	3rd	CHE 3000 Introduction to Chemical Research			3
3rd	BIO 3308 Bacteriology **			4	3rd	CHE 4580 Biochemistry I	[S]		1
3rd	core curriculum course			3	3rd	BIO 3306 Genetics		S	1
3rd	other science course			4	3rd	BIO 3307 Genetics Lab			3
3rd	physical activity/wellness course			1	3rd	core curriculum course			3
				16	3rd	elective			3
									14
4th	CHE 3301 Physical Chemistry I			4	4th	CHE 3404 Inorganic Chemistry	[S]		3
4th	CHE 3303 Physical Chemistry I Lab	[F]	C	3	4th	BIO 3309 Developmental Biology **	[S]		3
4th	BIO 3301 Animal Physiology **	[F]	W	1	4th	other science course			4
4th	core curriculum course			3	4th	core curriculum course			3
4th	elective(s)			4	4th	elective			3
				15					16
** This course has a required laboratory									
								<b>Total</b>	<b>122 SH</b>