AJOR REQUIREMENTS/CHEMISTRY: 24 Credits		Credits
	CE-111: General Chemistry I	3.0
	CE-111L: General Chemistry I Lab	1.0
	CE-112: General Chemistry II	3.0
	CE-112L: General Chemistry II Lab	1.0
	CE-241: Organic Chemistry I	3.0
	CE-241L: Organic Chemistry I Lab	2.0
	CE-242: Organic Chemistry II	3.0
	CE-242L: Organic Chemistry II Lab	2.0
	CE-311: Chemical Literature	1.0
	CE-342: Physical Chemistry II	3.0
	CE-342L: Physical Chemistry II Lab	1.0
	CE-410: Seminar	1.0
NCENTRATION REQUIREMENTS/BIOCHEMISTRY: 17 Credits		Credits
	CE-225: Bioanalytical Chemistry	3.0
	CE-225L: Bioanalytical Chemistry Lab	1.0
	CE-331: Biochemistry I	3.0
	CE-331L: Biolchemistry I Lab	1.0
	CE-332: Biochemistry II	3.0
	Take 6 Credits from the Following Courses:	6.0
	CE-453: Advanced Organic Chemistry	
	CE-498: Medicinal Chemistry	
	CE-401: Advanced Inorganic Chemistry	
	CE-475: Computational Chemistry and Molecular Modeling	
	MA-151: Statistics with Applications	
	CE-350: Research in Chemistry (3 credits maximum)	
ERDISCIPLINARY REQU	JIREMENTS: 25 Credits	Credits
	BY-110: Introduction Cell Molecular Biology	4.0
	MA-125: Calculus with Analytic Geometry 1	4.0
	MA-126: Calculus with Analytic Geometry II	4.0
	PH-211: General Physics with Calculus 1	4.0
	PH-211L: General Physics with Calculus I Lab	1.0
	PH-212: General Physics with Calculus II	4.0
	PH-212L: General Physics with Calculus II Lab	1.0
	Take 3 Credits from the Following Courses:	3.0
	BY-223: General Microbiology	
	BY-370: Cellular Biology	
	BY-410: Molecular Biology	
	BY-423: Genetics	
REE ELECTIVES: 26 Credits		Credits
		26.0
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*Students who major in this concentration cannot also major in the Advanced Chemistry Concentration.

Bachelor of Science in Chemistry and a Concentration in Biochemistry Credits **GENERAL EDUCATION REQUIREMENTS: 36 Credits** First Year Seminar 3.0 FY-101: First Year Seminar *(Select Section "CE") Reading and Writing EN-101: College Composition I 3.0 EN-102: College Composition II 3.0 Mathematics Fulfilled in Interdisciplinary Requirements with MA-125 or MA-126 0.0 Natural Sciences Fulfilled in Major Requirements with required CE and BY courses 0.0 Literature 3 Credits from courses designated with Course*Type: LIT 3.0 Aesthetics and Creativity 3 Credits from Art, Music, Theatre, or Dance 3.0 Technological Literacy IT-102: Information Technology for Scientists 3.0 Reasoned Oral Discourse Fulfilled in Major Requirements with CE-410 0.0 Historical Perspective 3 Credits from courses designated with Course*Type: HS.SV 3.0 3 Credits from courses designated with Course*Type: SS.SV 3.0 Social Science Historical Perspective/Social 3 Credits from courses designated with Course*Type: HS.SV 3.0 Sciences or 3 Credits from courses designated with Course*Type: SS.SV Interdisciplinary Perspectives 3 Credits from courses designated with Course*Type: ISP 3.0 3 Credits from courses designated with Course*Type: CD Cultural Diversity and Global 6.0 Understanding and 3 Credits from courses designated with Course*Type: GU or Foreign Language or 6 Credits from the SAME foreign language **Experiential Education** One course designated with Course*Type: EX 0.0 Writing Intensive Two courses from Chemistry (CE) designated with Course*Type: WT 0.0 0.0

Minimum Credits for Bachelor of Science in Chemistry and a Concentration in Biochemistry = 128.0

NOTES:

^{* 58} credits must be completed at the 200 level or higher.