	MISTRY: 32 Credits	Credits
	05444 0 101 14 1	
	CE111: General Chemistry I	3.0
	CE111L: General Chemistry I Lab	1.0
	CE112: General Chemistry II	3.0
	CE112L: General Chemistry II Lab	1.0
	CE221: Quantitative Analysis	2.0
	CE221L: Quantitative Analysis Lab CE241: Organic Chemistry I	3.0
	CE241: Organic Chemistry I Lab	2.0
	CE2412: Organic Chemistry II	3.0
	CE242L: Organic Chemistry II Lab	2.0
	CE311: Chemical Literature	1.0
	CE322: Instrumental Analysis	3.0
	CE322L: Instrumental Analysis Lab	1.0
	CE372: Phys. Chem: Intro. to Spectroscopy & Quantum Chemistry	3.0
	CE372L: Phys. Chem: Intro. to Spectroscopy & Quantum Chemistry Lab	1.0
	CE410: Seminar	1.0
ONCENTRATION REQUIREME	ENTS/CHEMICAL PHYSICS: 13 Credits	Credits
	CE371: Biophysical Chemistry: Thermodynamics,	3.0
	Dynamics, and Chemical Kinetics	
	CE371L: Biophysical Chemistry: Thermodynamics,	1.0
	Dynamics, and Chemical Kinetics Lab	
	CE475: Computational Chemistry and Molecular Modeling	3.0
	PH301: Modern Physics*	3.0
	PH302: Applied Physics*	3.0
	*Offered in alternative years; care in scheduling is required.	
	Onered in alternative years, care in scrieduling is required.	
EQUIREMENTS OUTSIDE MA		Credits
QUIREMENTS OUTSIDE MA	JOR: 25 Credits	Ī
EQUIREMENTS OUTSIDE MA	JOR: 25 Credits MA125: Calculus with Analytic Geometry I	4.0
QUIREMENTS OUTSIDE MA	MA125: Calculus with Analytic Geometry I MA126: Calculus with Analytic Geometry II	4.0
QUIREMENTS OUTSIDE MA	JOR: 25 Credits MA125: Calculus with Analytic Geometry I MA126: Calculus with Analytic Geometry II MA211: Differential Equations	4.0 4.0 3.0
EQUIREMENTS OUTSIDE MA	MA125: Calculus with Analytic Geometry I MA126: Calculus with Analytic Geometry II MA211: Differential Equations MA225: Calculus with Analytic Geometry III	4.0 4.0 3.0 4.0
QUIREMENTS OUTSIDE MA	MA125: Calculus with Analytic Geometry I MA126: Calculus with Analytic Geometry II MA211: Differential Equations MA225: Calculus with Analytic Geometry III PH211: General Physics and Calculus I	4.0 4.0 3.0 4.0 4.0
QUIREMENTS OUTSIDE MA	MA125: Calculus with Analytic Geometry I MA126: Calculus with Analytic Geometry II MA211: Differential Equations MA225: Calculus with Analytic Geometry III PH211: General Physics and Calculus I PH211L: General Physics and Calculus I Lab	4.0 4.0 3.0 4.0 4.0 1.0
EQUIREMENTS OUTSIDE MA	MA125: Calculus with Analytic Geometry I MA126: Calculus with Analytic Geometry II MA211: Differential Equations MA225: Calculus with Analytic Geometry III PH211: General Physics and Calculus I	4.0 4.0 3.0 4.0 4.0
	MA125: Calculus with Analytic Geometry I MA126: Calculus with Analytic Geometry II MA211: Differential Equations MA225: Calculus with Analytic Geometry III PH211: General Physics and Calculus I PH211L: General Physics and Calculus I Lab PH212: General Physics and Calculus I	4.0 4.0 3.0 4.0 4.0 1.0 4.0
EQUIREMENTS OUTSIDE MA	MA125: Calculus with Analytic Geometry I MA126: Calculus with Analytic Geometry II MA211: Differential Equations MA225: Calculus with Analytic Geometry III PH211: General Physics and Calculus I PH211L: General Physics and Calculus I Lab PH212: General Physics and Calculus I	4.0 4.0 3.0 4.0 4.0 1.0 4.0

Bachelor of Science in Chemistry and a Concentration in Chemical Physics				
SENERAL EDUCATION REQUIREMENTS: 36 Credits				
First Year Seminar	FY-101: First Year Seminar *(Select Section "CE")	3.0		
Reading and Writing	EN101: College Composition I EN102: College Composition II	3.0 3.0		
Mathematics	Fulfilled in Outside Major Requirements with MA125 or MA126	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	IT102: Information Technology for Scientists	3.0		
Reasoned Oral Discourse	Fulfilled in Major Requirements with required CE410	0.0		
Historical Perspective	3 Credits from courses designated with Course*Type: HS.SV	3.0		
Social Science	3 Credits from courses designated with Course*Type: SS.SV	3.0		
Historical Perspective/Social Sciences	3 Credits from courses designated with Course*Type: HS.SV or 3 Credits from courses designated with Course*Type: SS.SV	3.0		
Interdisciplinary Perspectives	3 Credits from courses designated with Course*Type: ISP	3.0		
Cultural Diversity and Global Understanding or Foreign Language	3 Credits from courses designated with Course*Type: CD and 3 Credits from courses designated with Course*Type: GU or 6 Credits from the SAME foreign language	6.0		
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 Chemical Physics = 128.0

NOTES:

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