		CS
OR REQUIREMENTS/M/	ATHEMATICS: 49 Credits	Credits
	MA-120: Introduction to Mathematical Reasoning	4
	MA-125: Calculus with Analytic Geometry I	4
	MA-126: Calculus with Analytic Geometry I	
	MA 211: Differential Equations	
	MA-311. Differential Equations	3
	MA-221. Linear Algebra	3
	MA-225: Calculus with Analytic Geometry III	4
	MA-314: Number Theory	3
	OR MA-317: Geometry	
	OR MA-318: Combinatorics and Graph Theory	
	MA-220: Probability and Statistics I	3
	MA-320: Probability and Statistics II	2
	MA 350: Computation and Statistics	
	MA 415: Dool Apolyzio	
	MA-415: Real Analysis	
	MA-419: Introduction to Mathematical Modeling	3
	MA-421: Design of Experiments and ANOVA	3
	MA-440: Regression and Time Series Analysis	3
	MA-460: Multivariate and Categorical Statistics	3
	MA-LVL1: Gateway Exam 1	C
	MA-LVL2: Gateway Exam 2	(
	IREMENTS: 8 to 10 Credits	Credits
Take either		
8 credits as follows:	CE-111: General Chemistry I	2
o creaits as follows.	CE 1111 : Conoral Chemistry II ab	1
	CE 112: Concercl Chemistry II	
		-
		3
	CE-112L: General Chemistry II Lab	
OR	CE-112L: General Chemistry II Lab	
<u>OR</u> 0 credits as follows:	CE-112L: General Chemistry II Lab PH-211: General Physics with Calculus I	
<u>OR</u> 0 credits as follows:	CE-112L: General Chemistry II Lab PH-211: General Physics with Calculus I PH-211L: General Physics with Calculus I Lab	
<u>OR</u> I0 credits as follows:	CE-112L: General Chemistry II Lab PH-211: General Physics with Calculus I PH-211L: General Physics with Calculus I Lab PH-212: General Physics with Calculus II	
<u>OR</u> I0 credits as follows:	CE-112L: General Chemistry II Lab PH-211: General Physics with Calculus I PH-211L: General Physics with Calculus I Lab PH-212: General Physics with Calculus II PH-212: General Physics with Calculus II	
OR 10 credits as follows:	CE-112L: General Chemistry II Lab PH-211: General Physics with Calculus I PH-211L: General Physics with Calculus I Lab PH-212: General Physics with Calculus II PH-212L: General Physics with Calculus II Lab	
<u>OR</u> 10 credits as follows: <u>OR</u> 8 credits on follows:	CE-112L: General Chemistry II Lab PH-211: General Physics with Calculus I PH-211L: General Physics with Calculus I Lab PH-212: General Physics with Calculus II PH-212L: General Physics with Calculus II Lab	
<u>OR</u> I0 credits as follows: <u>OR</u> 8 credits as follows:	CE-112L: General Chemistry II Lab PH-211: General Physics with Calculus I PH-211L: General Physics with Calculus I Lab PH-212: General Physics with Calculus II PH-212L: General Physics with Calculus II Lab BY-109: Introduction to Biodiversity and Evolution	
<u>OR</u> 0 credits as follows: <u>OR</u> 8 credits as follows:	CE-112L: General Chemistry II Lab PH-211: General Physics with Calculus I PH-211L: General Physics with Calculus I Lab PH-212: General Physics with Calculus II PH-212L: General Physics with Calculus II Lab BY-109: Introduction to Biodiversity and Evolution BY-110: Introduction to Cell and Molecular Biology	
<u>OR</u> 10 credits as follows: <u>OR</u> 8 credits as follows: ELECTIVES: 30 to 32 0	CE-112L: General Chemistry II Lab PH-211: General Physics with Calculus I PH-211L: General Physics with Calculus I Lab PH-212: General Physics with Calculus II PH-212L: General Physics with Calculus II Lab BY-109: Introduction to Biodiversity and Evolution BY-110: Introduction to Cell and Molecular Biology Credits	Credit
<u>OR</u> 10 credits as follows: <u>OR</u> 8 credits as follows: ELECTIVES: 30 to 32 0	CE-112L: General Chemistry II Lab PH-211: General Physics with Calculus I PH-211L: General Physics with Calculus I Lab PH-212: General Physics with Calculus II PH-212L: General Physics with Calculus II Lab BY-109: Introduction to Biodiversity and Evolution BY-110: Introduction to Cell and Molecular Biology Credits	Credit
<u>OR</u> 10 credits as follows: <u>OR</u> 8 credits as follows: ELECTIVES: 30 to 32 (CE-112L: General Chemistry II Lab PH-211: General Physics with Calculus I PH-211L: General Physics with Calculus I Lab PH-212: General Physics with Calculus II PH-212L: General Physics with Calculus II Lab BY-109: Introduction to Biodiversity and Evolution BY-110: Introduction to Cell and Molecular Biology Credits	Credit - 30 - 32
<u>OR</u> 10 credits as follows: <u>OR</u> 8 credits as follows: ELECTIVES: 30 to 32 0	CE-112L: General Chemistry II Lab PH-211: General Physics with Calculus I PH-211L: General Physics with Calculus I Lab PH-212: General Physics with Calculus II PH-212L: General Physics with Calculus II Lab BY-109: Introduction to Biodiversity and Evolution BY-110: Introduction to Cell and Molecular Biology Credits	Credit:
<u>OR</u> 10 credits as follows: <u>OR</u> 8 credits as follows: E ELECTIVES: 30 to 32 (CE-112L: General Chemistry II Lab PH-211: General Physics with Calculus I PH-211L: General Physics with Calculus I Lab PH-212: General Physics with Calculus II PH-212L: General Physics with Calculus II Lab BY-109: Introduction to Biodiversity and Evolution BY-110: Introduction to Cell and Molecular Biology Credits	Credit:
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<u>OR</u> 10 credits as follows: <u>OR</u> 8 credits as follows: ELECTIVES: 30 to 32 0	CE-112L: General Chemistry II Lab PH-211: General Physics with Calculus I PH-211L: General Physics with Calculus I Lab PH-212: General Physics with Calculus II PH-212L: General Physics with Calculus II Lab BY-109: Introduction to Biodiversity and Evolution BY-110: Introduction to Cell and Molecular Biology Credits	Credit:
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<u>OR</u> 10 credits as follows: <u>OR</u> 8 credits as follows: ELECTIVES: 30 to 32 (CE-112L: General Chemistry II Lab PH-211: General Physics with Calculus I PH-211L: General Physics with Calculus I Lab PH-212: General Physics with Calculus II PH-212L: General Physics with Calculus II Lab BY-109: Introduction to Biodiversity and Evolution BY-110: Introduction to Cell and Molecular Biology Credits	Credit:
<u>OR</u> 10 credits as follows: <u>OR</u> 8 credits as follows: ELECTIVES: 30 to 32 0	CE-112L: General Chemistry II Lab PH-211: General Physics with Calculus I PH-211L: General Physics with Calculus I Lab PH-212: General Physics with Calculus II PH-212L: General Physics with Calculus II Lab BY-109: Introduction to Biodiversity and Evolution BY-110: Introduction to Cell and Molecular Biology Credits	Credit:
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<u>OR</u> 10 credits as follows: <u>OR</u> 8 credits as follows: ELECTIVES: 30 to 32	CE-112L: General Chemistry II Lab PH-211: General Physics with Calculus I PH-211L: General Physics with Calculus I Lab PH-212: General Physics with Calculus II PH-212L: General Physics with Calculus II Lab BY-109: Introduction to Biodiversity and Evolution BY-110: Introduction to Cell and Molecular Biology Credits	Credit:
OR 10 credits as follows: OR 8 credits as follows: ELECTIVES: 30 to 32	CE-112L: General Chemistry II Lab PH-211: General Physics with Calculus I PH-211L: General Physics with Calculus I Lab PH-212: General Physics with Calculus II PH-212L: General Physics with Calculus II Lab BY-109: Introduction to Biodiversity and Evolution BY-110: Introduction to Cell and Molecular Biology Credits	Credit:
<u>OR</u> 10 credits as follows: 0 8 credits as follows: EELECTIVES: 30 to 32	CE-112L: General Chemistry II Lab PH-211: General Physics with Calculus I PH-211L: General Physics with Calculus I Lab PH-212: General Physics with Calculus II PH-212L: General Physics with Calculus II Lab BY-109: Introduction to Biodiversity and Evolution BY-110: Introduction to Cell and Molecular Biology Credits	Crec

Bachelor of Science in Mathematics with a Concentration in Statistics				
GENERAL EDUCATION REQUIREMENTS: 36 to 39 Credits				
First Year Seminar	FY-101: First Year Seminar	3.0		
Reading and Writing	EN-101: College Composition I EN-102: College Composition II	3.0 3.0		
Mathematics	Fulfilled in Major Requirements with required MA courses	0.0		
Natural Sciences	Fulfilled in Interdisciplinary Requirements w/ BY, CE, or PH 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	3 Credits from courses designated with Course*Type: TL	3.0		
Reasoned Oral Discourse	3 Credits from courses designated with Course*Type: RD* *(May be fulfilled in Major requirements with MA-314)	0.0 - 3.0		
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	Fulfilled in Major Requirements with MA-419	0.0		
Writing Intensive	Two courses from Mathematics (MA) designated with Course*Type: WT	0.0 0.0		

Minimum Credits for Bachelor of Science in Mathematics with a Concentration in Statistics = 128.0

NOTES:

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