Degree Requirements (120 credits) (Revised June 2015) (For students who matriculated before Fall 2013) General Education Requirements (33-39 credits) Credits ENG 111 3 ENG 151 4 PED 190 1 COR 100 4 Science and Technology ¹ 8 Mathematics 3 Social Scientific Analysis (see p. 47 for details) ² .3 3-4 The Contemporary World (see p. 49 for details) ² 3-4 Pluralism and Diversity Requirement (see p. 51 for details) ² 3-4 Pluralism and Diversity Requirement (see p. 51 for details) ^{2.4} 0-4 Pre-Major Requirements (14-17 credits) ⁵ MTH 229 Calculus Computer Laboratory 1 MTH 231 Analytic Geometry and Calculus II 3 MTH 232 Analytic Geometry and Calculus II 3 MTH 230 Calculus Computer Laboratory 1 MTH 232 Analytic Geometry and Calculus II 3 MTH 233 Analytic Geometry and Calculus II 3 MTH 234 Analytic Geometry and Calculus II 3 MTH 232 </th <th></th> <th>B.S. in Mathematics</th> <th></th>		B.S. in Mathematics				
(For students who matriculated before Fall 2013)General Education Requirements (33-39 credits)CreditsENG 1113ENG 1514PED 1901COR 1004Scientific Analysis (11 credits)8Scientific Analysis (11 credits)3Scientific Analysis (11 credits)3Scientific Analysis (see p. 47 for details) ^{2,3} 3-4The Contemporary World (see p. 49 for details) ² 3-4Pluralism and Diversity Requirement (see p. 19 for details) ² 3-4Pluralism and Diversity Requirement (see p. 51 for details) ^{2,4} 0-4ORORORMTH 229Calculus Computer Laboratory1MTH 231Analytic Geometry and Calculus II3MTH 229Calculus Computer Laboratory1MTH 233Analytic Geometry and Calculus II3ORORMTH 232Analytic Geometry and Calculus III3MTH 233Analytic Geometry and Calculus III33ORORWTH 232Calculus I with Pre-Calculus6MTH 233Analytic Geometry and Calculus II333MTH 234Analytic Geometry and Calculus III3MTH 235Analytic Geometry and Calculus III3MTH 234Analytic Geometry and Calculus III3 <th></th> <th colspan="5">Degree Requirements (120 credits) (Revised June 2015)</th>		Degree Requirements (120 credits) (Revised June 2015)				
General Education Requirements (33-39 credits)CreditsENG 1513ENG 1514PED 1901COR 1004Science and Technology ¹ 8Mathematics3Social Scientific Analysis (11 credits)3Science and Technology ¹ 8Mathematics3Social Scientific Analysis (see p. 47 for details) ^{2,3} 3-4The Contemporary World (see p.49 for details) ² 3-4Pluralism and Diversity Requirement (see p. 51 for details) ² 3-4Pluralism and Diversity Requirement (see p. 51 for details) ^{2,4} 0-4ORPre-Major Requirements (14-17 credits) ⁵ MTH 229Calculus Computer Laboratory1MTH 231Analytic Geometry and Calculus I3MTH 232Analytic Geometry and Calculus II3MTH 233Analytic Geometry and Calculus III3MTH 230Calculus Computer Laboratory1MTH 230Calculus Computer Laboratory1MTH 233Analytic Geometry and Calculus II3MTH 233Analytic Geometry and Calculus II3MTH 233Analytic Geometry and Calculus II3MTH 234Analytic Geometry and Calculus II3MTH 235Analytic Geometry and Calculus II3MTH 234Analytic Geometry and Calculus II3MTH 233Analytic Geometry and Calculus II3MTH 234Analytic Geometry and Calculus II3MTH 235Analytic Geometry and Calculus II<	(For students w	ho matriculated before Fall 2013)				
ENG 111 3 ENG 151 4 PED 190 1 COR 100 4 Scientific Analysis (11 credits) 3 Science and Technology ¹ 8 Mathematics 3 Social Scientific Analysis (see p. 47 for details) ^{2,3} 3-4 The Contemporary World (see p.49 for details) ² 3-4 The Contemporary World (see p.49 for details) ² 3-4 Pluralism and Diversity Requirement (see p. 51 for details) ^{2,4} 0-4 Pre-Major Requirements (14-17 credits) ⁵ MTH 229 Calculus Computer Laboratory 1 MTH 231 Analytic Geometry and Calculus I 3 MTH 232 Analytic Geometry and Calculus II 3 MTH 233 Analytic Geometry and Calculus III 3 MTH 230 Calculus Computer Laboratory 1 MTH 230 Calculus IW Pre-Calculus 6 MTH 232 Analytic Geometry and Calculus II 3 MTH 233 Analytic Geometry and Calculus III 3 MTH 233 Analytic Geometry and Calculus II 3 MTH 233 Analytic Geometry and Calculus III 3	General Educa	General Education Requirements (33-39 credits)				
$ \begin{array}{c c c c c c c } ENG 151 & 4 \\ PED 190 & 1 \\ COR 100 & 4 \\ \hline Scientific Analysis (11 credits) \\ Science and Technology^1 & 8 \\ Mathematics & 3 \\ Social Scientific Analysis (see p. 47 for details)^{2}, 3 \\ The Contemporary World (see p. 49 for details)^2 & 3.4 \\ The Contemporary World (see p. 49 for details)^2 & 3.4 \\ Pluralism and Diversity Requirement (see p. 51 for details)^{2.4} & 0.4 \\ \hline Pre-Major Requirements (14-17 credits)^5 & - \\ MTH 229 & Calculus Computer Laboratory & 1 \\ MTH 231 & Analytic Geometry and Calculus II & 3 \\ MTH 232 & Analytic Geometry and Calculus II & 3 \\ MTH 233 & Analytic Geometry and Calculus II & 3 \\ \hline OR & - \\ \hline MTH 233 & Analytic Geometry and Calculus II & 3 \\ MTH 234 & Analytic Geometry and Calculus II & 3 \\ \hline OR & - \\ \hline CSC 126 & Introduction to Computer Science & 4 \\ OR & - \\ \hline CSC 270 & Introduction to Scientific Programming & 4 \\ * 1 tis recommended that students include both these courses in their curriculum; one of these courses can be taken as an elective. \\ \hline \end{array}$	ENG 11	1	3			
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	ENG 15	1	4			
$\begin{array}{c c c c c c } COR 100 & 4 \\ \hline Scientific Analysis (11 credits) & 8 \\ \hline Science and Technology^1 & 8 \\ \hline Mathematics & 3 \\ \hline Social Scientific Analysis (see p. 47 for details)^{2} \frac{3}{2} & 3-4 \\ \hline The Contemporary World (see p. 49 for details)^2 & 3-4 \\ \hline The Contemporary World (see p. 49 for details)^2 & 3-4 \\ \hline Pluralism and Diversity Requirement (see p. 51 for details)^{2.4} & 0-4 \\ \hline Pre-Major Requirements (14-17 credits)^5 & & & \\ \hline MTH 229 & Calculus Computer Laboratory & 1 \\ MTH 231 & Analytic Geometry and Calculus I & 3 \\ MTH 232 & Analytic Geometry and Calculus II & 3 \\ \hline MTH 233 & Analytic Geometry and Calculus II & 3 \\ \hline MTH 230 & Calculus Computer Laboratory & 1 \\ MTH 230 & Calculus I & 3 \\ \hline MTH 240 & Applied Statistics using Computers & 4 \\ \hline OR & & \\ \hline CSC 126 & Introduction to Computer Science & 4 \\ \hline OR & & \\ \hline CSC 270 & Introduction to Scientific Programming & 4 \\ * 1 tis recommended that students include both these courses in their curriculum; one of these courses can be taken as an elective. \\ \hline \end{array}$	PED 19)	1			
Scientific Analysis (11 credits)Science and Technology18Mathematics3Social Scientific Analysis (see p. 47 for details)2.33-4The Contemporary World (see p.49 for details)23-4Pluralism and Diversity Requirement (see p. 51 for details)2.40-4Pre-Major Requirements (14-17 credits)5MTH 229Calculus Computer Laboratory1MTH 231Analytic Geometry and Calculus I3MTH 232Analytic Geometry and Calculus II3MTH 233Analytic Geometry and Calculus III3MTH 230Calculus Computer Laboratory1MTH 232Analytic Geometry and Calculus II3MTH 233Analytic Geometry and Calculus II3MTH 234Analytic Geometry and Calculus II3MTH 235Analytic Geometry and Calculus II3MTH 236Calculus I Geometry and Calculus II3MTH 237Analytic Geometry and Calculus II3MTH 238Analytic Geometry and Calculus II3MTH 239Calculus Computer Laboratory1MTH 230Calculus III3MTH 233Analytic Geometry and Calculus II3MTH 214Applied Statistics using Computers4*MTH 214Applied Statistics using Computers4*CSC 126Introduction to Scientific Programming4* It is recommended that students include both these courses in their curriculum; one of these courses can be taken as an elective	COR 10	0	4			
Science and Technology18Mathematics3Social Scientific Analysis (see p. 47 for details)2,33-4The Contemporary World (see p.49 for details)23-4Textual. Aesthetic, and Linguistic Analysis (see p. 49 for details)23-4Pluralism and Diversity Requirement (see p. 51 for details)2,40-4Pre-Major Requirements (14-17 credits)5MTH 229Calculus Computer Laboratory1MTH 231Analytic Geometry and Calculus I3MTH 232Analytic Geometry and Calculus II3MTH 233Analytic Geometry and Calculus III3MTH 229Calculus Computer Laboratory1MTH 230Calculus Computer Laboratory1MTH 230Calculus III3MTH 231Analytic Geometry and Calculus III3MTH 232Analytic Geometry and Calculus III3MTH 233Analytic Geometry and Calculus II3MTH 233Analytic Geometry and Calculus III3MTH 233Analytic Geometry and Calculus III3MTH 214Applied Statistics using Computers4OR0R0R**CSC 126Introduction to Computer Science4OR0R0R* It is recommended that students include both these courses in their curriculum; one of these courses can be taken as an elective.4	Scientif	c Analysis (11 credits)				
Mathematics3Social Scientific Analysis (see p. 47 for details)2,33-4The Contemporary World (see p. 49 for details)23-4Textual, Aesthetic, and Linguistic Analysis (see p. 49 for details)23-4Pluralism and Diversity Requirement (see p. 51 for details)2,40-4Pre-Major Requirements (14-17 credits)5MTH 229Calculus Computer Laboratory1MTH 231Analytic Geometry and Calculus II3MTH 232Analytic Geometry and Calculus II3MTH 233Analytic Geometry and Calculus III3MTH 229Calculus Computer Laboratory1MTH 230Calculus III3MTH 230Calculus IWith Pre-Calculus6MTH 232Analytic Geometry and Calculus III3MTH 233Analytic Geometry and Calculus III3MTH 234Analytic Geometry and Calculus III3MTH 235Analytic Geometry and Calculus III3MTH 236Calculus I with Pre-Calculus6MTH 237Analytic Geometry and Calculus III3MTH 238Analytic Geometry and Calculus III3MTH 214Applied Statistics using Computers4OR0R*CSC 126Introduction to Computer Science4OR0R* It is recommended that students include both these courses in their curriculum; one of these courses can be taken as an elective.4		Science and Technology ¹	8			
Social Scientific Analysis (see p. 47 for details) ² , 33-4The Contemporary World (see p.49 for details)3-4Textual, Aesthetic, and Linguistic Analysis (see p. 49 for details)3-4Pluralism and Diversity Requirement (see p. 51 for details)3-4Pluralism and Diversity Requirement (see p. 51 for details)3-4Pre-Major Requirements (14-17 credits) ⁵ 0-4Pre-Major Requirements (14-17 credits)5MTH 229Calculus Computer Laboratory1MTH 231Analytic Geometry and Calculus I3MTH 232Analytic Geometry and Calculus II3MTH 233Analytic Geometry and Calculus III3MTH 230Calculus Computer Laboratory1MTH 232Analytic Geometry and Calculus II3MTH 233Analytic Geometry and Calculus II3MTH 234Analytic Geometry and Calculus II3MTH 235Analytic Geometry and Calculus II3MTH 236Calculus I with Pre-Calculus6MTH 237Analytic Geometry and Calculus II3MTH 238Analytic Geometry and Calculus II3MTH 239Calculus I with Pre-Calculus6MTH 233Analytic Geometry and Calculus II3MTH 234Applied Statistics using Computers4OROROR*MTH 214Applied Statistics using Computers Conce4OROROR*It is recommended that students include both these courses in their curriculum; one of these courses can be taken as an elective. <td></td> <td>Mathematics</td> <td>3</td>		Mathematics	3			
The Contemporary World (see p.49 for details) ² Textual, Aesthetic, and Linguistic Analysis (see p. 49 for details) ² 3-4 3-4 Pluralism and Diversity Requirement (see p. 51 for details) ^{2.4} 3-4 0-4 Pre-Major Requirements (14-17 credits) 5MTH 229Calculus Computer Laboratory1MTH 231Analytic Geometry and Calculus I3MTH 232Analytic Geometry and Calculus II3MTH 233Analytic Geometry and Calculus III3ORMTH 229Calculus Computer Laboratory1MTH 230Calculus Computer Laboratory1MTH 230Calculus III3MTH 232Analytic Geometry and Calculus IIIMTH 230Calculus I with Pre-CalculusMTH 233Analytic Geometry and Calculus IIIMTH 234Analytic Geometry and Calculus IIIMTH 235Analytic Geometry and Calculus IIIMTH 236Calculus I with Pre-Calculus IIIMTH 237Analytic Geometry and Calculus IIIMTH 238Analytic Geometry and Calculus IIIMTH 239Calculus I with Pre-Calculus IIIMTH 230Calculus I calculus IIIMTH 233Analytic Geometry and Calculus IIIMTH 234Applied Statistics using ComputersMTH 244Applied Statistics using ComputersMTH 214Applied Statistics using Computer Science ORCSC 126Introduction to Scientific Programming* It is recommended that students include both these courses in their curriculum; one of these courses can be taken as	Social S	cientific Analysis (see p. 47 for details) ^{2,3}	3-4			
Textual, Aesthetic, and Linguistic Analysis (see p. 49 for details)23-4Pluralism and Diversity Requirement (see p. 51 for details)2.40-4Pre-Major Requirements (14-17 credits)5MTH 229Calculus Computer Laboratory1MTH 231Analytic Geometry and Calculus I3MTH 232Analytic Geometry and Calculus II3MTH 233Analytic Geometry and Calculus III3ORMTH 229Calculus Computer Laboratory1MTH 233Analytic Geometry and Calculus III33ORMTH 229Calculus Computer Laboratory1MTH 230Calculus Computer Laboratory1MTH 232Analytic Geometry and Calculus III3MTH 233Analytic Geometry and Calculus II3MTH 233Analytic Geometry and Calculus III3MTH 233Analytic Geometry and Calculus III3MTH 234Applied Statistics using Computers4OR*MTH 214Applied Statistics using Computer Science0RORORCSC 126Introduction to Scientific Programming4* It is recommended that students include both these courses in their curriculum; one of these courses can be taken as an elective.	The Cor	temporary World (see p.49 for details) ²				
Pluralism and Diversity Requirement (see p. 51 for details) ^{2.4} 0-4 Pre-Major Requirements (14-17 credits) ⁵ MTH 229 Calculus Computer Laboratory 1 MTH 231 Analytic Geometry and Calculus I 3 MTH 232 Analytic Geometry and Calculus II 3 MTH 233 Analytic Geometry and Calculus III 3 MTH 233 Analytic Geometry and Calculus III 3 MTH 229 Calculus Computer Laboratory 1 MTH 230 Calculus I with Pre-Calculus 6 MTH 232 Analytic Geometry and Calculus II 3 MTH 230 Calculus I with Pre-Calculus 6 MTH 233 Analytic Geometry and Calculus II 3 MTH 233 Analytic Geometry and Calculus II 3 MTH 233 Analytic Geometry and Calculus II 3 MTH 233 Analytic Geometry and Calculus III 3 MTH 214 Applied Statistics using Computers 4 · OR OR * CSC 126 Introduction to Computer Science 4 OR OR OR * It is recommended that students include both these courses in their cu	Textual, Aesthetic, and Linguistic Analysis (see p. 49 for details) ²		3-4			
Pre-Major Requirements (14-17 credits) ⁵ MTH 229Calculus Computer Laboratory1MTH 231Analytic Geometry and Calculus I3MTH 232Analytic Geometry and Calculus II3MTH 233Analytic Geometry and Calculus III3MTH 233Analytic Geometry and Calculus III3MTH 233Analytic Geometry and Calculus III3MTH 230Calculus Computer Laboratory1MTH 230Calculus I with Pre-Calculus6MTH 232Analytic Geometry and Calculus II3MTH 233Analytic Geometry and Calculus III3MTH 233Analytic Geometry and Calculus III3MTH 233Analytic Geometry and Calculus III3MTH 214Applied Statistics using Computers4·OR-*MTH 214Applied Statistics using Computer Science4OR*CSC 126Introduction to Computer Science4OR*It is recommended that students include both these courses in their curriculum; one of these courses can be taken as an elective	Pluralis	n and Diversity Requirement (see p. 51 for details) ^{2,4}	0-4			
Pre-Major Requirements (14-17 credits) ⁵ MTH 229 Calculus Computer Laboratory 1 MTH 231 Analytic Geometry and Calculus I 3 MTH 232 Analytic Geometry and Calculus II 3 MTH 233 Analytic Geometry and Calculus III 3 MTH 233 Analytic Geometry and Calculus III 3 MTH 233 Analytic Geometry and Calculus III 3 MTH 249 Calculus Computer Laboratory 1 MTH 230 Calculus I with Pre-Calculus 6 MTH 232 Analytic Geometry and Calculus II 3 MTH 233 Analytic Geometry and Calculus II 3 MTH 230 Calculus I with Pre-Calculus 6 MTH 233 Analytic Geometry and Calculus II 3 MTH 233 Analytic Geometry and Calculus III 3 MTH 214 Applied Statistics using Computers 4 OR OR 0R CSC 126 Introduction to Computer Science 4 OR OR 0R 0R VCSC 270 Introduction to Scientific Programming 4 * It is re		_				
MTH 229Calculus Computer Laboratory1MTH 231Analytic Geometry and Calculus I3MTH 232Analytic Geometry and Calculus II3MTH 233Analytic Geometry and Calculus III3MTH 233Analytic Geometry and Calculus III3MTH 229Calculus Computer Laboratory1MTH 230Calculus I with Pre-Calculus6MTH 232Analytic Geometry and Calculus II3MTH 233Analytic Geometry and Calculus II3MTH 233Analytic Geometry and Calculus III3MTH 233Analytic Geometry and Calculus III3MTH 214Applied Statistics using Computers4OR0R0RCSC 126Introduction to Computer Science4OR0RCSC 270Introduction to Scientific Programming4* It is recommended that students include both these courses in their curriculum; one of these courses can be taken as an elective	Pre-Major Req	uirements (14-17 credits) ⁵				
MTH 231Analytic Geometry and Calculus I3MTH 232Analytic Geometry and Calculus II3MTH 233Analytic Geometry and Calculus III3ORMTH 229Calculus Computer Laboratory1MTH 230Calculus I with Pre-Calculus6MTH 232Analytic Geometry and Calculus II3MTH 233Analytic Geometry and Calculus II3MTH 233Analytic Geometry and Calculus III3MTH 214Applied Statistics using Computers4OR*MTH 214Applied Statistics using ComputersOR*CSC 126Introduction to Computer Science4ORCSC 270Introduction to Scientific Programming4* It is recommended that students include both these courses in their curriculum; one of these courses can be taken as an elective.	MTH 22	29 Calculus Computer Laboratory	1			
MTH 232Analytic Geometry and Calculus II3MTH 233Analytic Geometry and Calculus III3ORIMTH 229Calculus Computer Laboratory1MTH 230Calculus I with Pre-Calculus6MTH 232Analytic Geometry and Calculus II3MTH 233Analytic Geometry and Calculus III3MTH 233Analytic Geometry and Calculus III3MTH 233Analytic Geometry and Calculus III3MTH 214Applied Statistics using Computers4OR*CSC 126Introduction to Computer Science4ORORCSC 270Introduction to Scientific Programming4* It is recommended that students include both these courses in their curriculum; one of these courses can be taken as an elective	MTH 23	Analytic Geometry and Calculus I	3			
MTH 233Analytic Geometry and Calculus III3ORMTH 229Calculus Computer Laboratory1MTH 230Calculus I with Pre-Calculus6MTH 232Analytic Geometry and Calculus II3MTH 233Analytic Geometry and Calculus III3MTH 233Analytic Geometry and Calculus III3MTH 214Applied Statistics using Computers4*MTH 214Applied Statistics using Computers4*CSC 126Introduction to Computer Science4OROR0RCSC 270Introduction to Scientific Programming4* It is recommended that students include both these courses in their curriculum; one of these courses can be taken as an elective.5	MTH 23	Analytic Geometry and Calculus II	3			
ORMTH 229Calculus Computer Laboratory1MTH 230Calculus I with Pre-Calculus6MTH 232Analytic Geometry and Calculus II3MTH 233Analytic Geometry and Calculus III3MTH 214Applied Statistics using Computers4*MTH 214Applied Statistics using Computers4*CSC 126Introduction to Computer Science4OROR0R* It is recommended that students include both these courses in their curriculum; one of these courses can be taken as an elective.4	MTH 23	Analytic Geometry and Calculus III	3			
MTH 229Calculus Computer Laboratory1MTH 230Calculus I with Pre-Calculus6MTH 232Analytic Geometry and Calculus II3MTH 233Analytic Geometry and Calculus III3MTH 214Applied Statistics using Computers4OR-*CSC 126Introduction to Computer Science4OR-* It is recommended that students include both these courses in their curriculum; one of these courses can be taken as an elective.4		OR				
MTH 230Calculus I with Pre-Calculus6MTH 232Analytic Geometry and Calculus II3MTH 233Analytic Geometry and Calculus III3AND*MTH 214Applied Statistics using Computers4OR-*CSC 126Introduction to Computer Science4ORCSC 270Introduction to Scientific Programming4* It is recommended that students include both these courses in their curriculum; one of these courses can be taken as an elective	MTH 22	29 Calculus Computer Laboratory	1			
MTH 232 MTH 233Analytic Geometry and Calculus II3MTH 233Analytic Geometry and Calculus III3AND*MTH 214Applied Statistics using Computers OR4*CSC 126Introduction to Computer Science OR4CSC 270Introduction to Scientific Programming t is recommended that students include both these courses in their curriculum; one of these courses can be taken as an elective.4	MTH 23	Calculus I with Pre-Calculus	6			
MTH 233 Analytic Geometry and Calculus III 3 AND *MTH 214 Applied Statistics using Computers 4 OR 0R *CSC 126 Introduction to Computer Science 4 OR 0R CSC 270 Introduction to Scientific Programming 4 * It is recommended that students include both these courses in their curriculum; one of these courses can be taken as an elective. 5	MTH 23	Analytic Geometry and Calculus II	3			
AND *MTH 214 Applied Statistics using Computers 4 OR - *CSC 126 Introduction to Computer Science 4 OR - CSC 270 Introduction to Scientific Programming 4 * It is recommended that students include both these courses in their curriculum; one of these courses can be taken as an elective. -	MTH 23	Analytic Geometry and Calculus III	3			
*MTH 214 Applied Statistics using Computers 4 OR 0R *CSC 126 Introduction to Computer Science 4 OR 0R CSC 270 Introduction to Scientific Programming 4 * It is recommended that students include both these courses in their curriculum; one of these courses can be taken as an elective. 4		AND				
OR *CSC 126 Introduction to Computer Science 4 OR 0R CSC 270 Introduction to Scientific Programming 4 * It is recommended that students include both these courses in their curriculum; one of these courses can be taken as an elective. 6	*MTH 214	Applied Statistics using Computers	4			
*CSC 126 Introduction to Computer Science 4 OR OR CSC 270 Introduction to Scientific Programming 4 * It is recommended that students include both these courses in their curriculum; one of these courses can be taken as an elective. 4		OR				
OR CSC 270 Introduction to Scientific Programming 4 * It is recommended that students include both these courses in their curriculum; one of these courses can be taken as an elective.	*CSC 126	Introduction to Computer Science	4			
CSC 270Introduction to Scientific Programming4* It is recommended that students include both these courses in their curriculum; one of these courses can be taken as an elective.		OR				
* It is recommended that students include both these courses in their curriculum; one of these courses can be taken as an elective.	CSC 270	Introduction to Scientific Programming	4			
be taken as an elective.	* It is recommer	ded that students include both these courses in their curriculum;	one of these courses can			
	be taken as an el	ective.				

1 Two courses with laboratories chosen from one of the following sequences:

BIO 170-171, 180-181	General Biology I and II with laboratories
CHM 141-121,142-127	General Chemistry I and II with laboratories
PHY 120-121, 160-161	General Physics I and II with laboratories
GEO 100-101, 102-103	Physical and Historical Geology with laboratories
AST 100-101, 102-103	Contemporary Theories of the Solar System (with planetary laboratory)
	and of the Universe (with galactic laboratory). THIS choice is eliminated as of
	Fall 2015.
AST 120-160	Space Science I and II with laboratories

AST 120-160 Space Science I and II with laboratories ² Page numbers refer to the undergraduate catalog 2012-13 ³ Can be satisfied by PSY 100, Psychology a prerequisite for EDS 202 and is required for students majoring in Mathematics with an Adolescence Education concentration.

⁴ Remark: This requirement can be satisfied by appropriate selection in Social Scientific Analysis, Contemporary World or TALA.

⁵ Courses used to fulfill premajor requirement can be used to fulfill gen-ed requirement.

Major Requirements (36 credits)

Credits

	MTH 311	Probability Theory and an Introduction to	
		Mathematical Statistics	4
	MTH 330	Applied Mathematical Analysis I	4
		OR	
	MTH 334	Differential Equations	4
	MTH 338	Linear Algebra	4
	MTH 339	Applied Algebra	4
	MTH 341	Advanced Calculus I	4
	Four Electiv	e Upper-Level (300-400 level) Mathematics Courses	16
Ele	Electives (28-37 credits)		

Total (120 credits)

To graduate with Honors in the major, students must have at least a 3.5 GPA in mathematics courses and must complete an Honors thesis or project.

<u>Note:</u> 1. <u>GPA Requirement -</u> In order to graduate, you will need an overall GPA of 2.0 as well as a GPA of 2.0 in the courses under major requirement category.

2. <u>Residency Requirement</u> – To obtain a B.S. degree from CSI, students must earn at least 30 credits at CSI and must also earn at least half (50%) of the credits in the major requirement category at CSI. For details refer to catalog on page 39^2 .

3. <u>Liberal Arts and Sciences Requirement</u> - For a B.S. degree NY state requires that one half of credits must be in Liberal Arts and Sciences. For details refer to the catalog (2012-2013) on page 53^2 , .