	nt Name: Mathematics ses are identified with a blue highlight*		1 1				ı
T DC COU	Fall 2023				Spring 2024		
Course Number	Course Title	GE Category (if applicable)	Units	Course Number	Course Title	GE Category (if applicable)	Units
1001L 1101	Quantitative Reasoning Lab Mathematics and Society	B4	1 3	1101 1103	Mathematics and Society Stretch Mathematics and Society B	B4 B4	3
1102	Stretch Mathematics and Society A		3	1201	Introduction to Statistical Thinking	B4	3
1103 1201	Stretch Mathematics and Society B Introduction to Statistical thinking	B4 B4	3	1203 1301	Stretch Introduction to Statistical Thinking B Modeling with Functions	B4 B4	3
1202 1203	Stretch Introduction to Statistical Thinking A Stretch Introduction to Statistical thinking B	B4	3	1303 1401	Stretch Modeling with Functions B Accelerated Preparation for Calculus	B4 B4	3
1301	Modeling with functions	B4	3	1402	Preparation for Calculus A	B4	3
1302 1303	Stretch Modeling with Functions A Stretch Modeling with Functions B	B4	3	1403 1501	Preparation for Calculus B Critical Thinking Through Applications of Mathematical Logic	B4 A3	3
1401 1402	Accelerated Preparation for Calculus Preparation for Calculus A	B4 B4	3	1601 2210	Modeling with Calculus Calculus I	B4 B4	3 4
1402L 1403	Preparation for Calculus A Lab Preparation for Calculus B	B4	1 3	2220 2220L	Calculus II Calculus II Lab		4
1501	Critical Thinking Through Applications of Mathematical Logic	A3	3	2265	Statistics with Applications		3
1601 2210	Modeling with Calculus Calculus I	B4 B4	3 4	2270 2310	Differential Equations with Dynamical Systems I Applied Linear Algebra		3 4
2210L 2220	Calculus I Lab Calculus II		1 4	2320 2372	Multivariable Calculus Discrete Mathematics		4
2265	Statistics with Applications		3	2900	Problem Solving and Mathematical Reasoning for Teachers I		4
2270 2310	Differential Equations with Dynamical Systems I Applied Linear Algebra		3 4	3010 3012	Mathematical Concepts and Problem Solving for Educators I Mathematical Concepts and Problem Solving for Educators II		3
2320	Multivariable Calculus		4	3012L	Proportional Reasoning Lab for Educators		1
2372 2900	Discrete Mathematics Problem Solving and Mathematical Reasoning for Teachers I		3 4	3013 3013L	Mathematical Concepts and Problem Solving for Educators III Algebra and Geometry Lab for Educators		3
3010	Mathematical Concepts and Problem Solving for Educators I		4	3100	Mathematical Thinking: Communication and Proof		4
3012 3012L	Mathematical Concepts and Problem Solving for Educators II Proportional Reasoning Lab for Educators		3	3320 3329	Mathematical Interest Theory. Euclidean Geometry with Transformations		3
3013 3013L	Mathematical Concepts and Problem Solving for Educators III Algebra and Geometry Lab for Educators		3	3345 3372	Number Theory Combinatorics		3
3100	Mathematical Thinking: Communication and Proof		4	3460	Probability Theory		3
3329 3345	Euclidean Geometry with Transformations Number Theory		3	3480 3770	Topics in History of Mathematics Introduction of Graph Theory		3
3372 3460	Combinatorics Probability Theory		3	4270 4300	Differential Equaations with Dynamical Systems II Real Analysis		3
3480	Topics in History of Mathematics		3 4	4485	Differential Geometry		3
4300 4360	Real Analysis Linear Statistical Models		3	4600 4900	Theory of Rings and Fields Problem Solving and Mathematical Reasoning for Teachers II		3 4
4600 4900	Theory of Rings and Fields Problem Solving and Mathematical Reasoning for Teachers II		4	5300 5310	Advanced Real Analysis Advanced Linear Algebra		3
5170 5550	Complex Analysis Introduction to Topology		3	5360 5529	Statistical Methods for Machine Learning Advanced Topics in Geometry		3
5600	Group Theory		3	5565	Mathematical Statistics		3
5900	Senior Seminar for Future Mathematics Educators		3	5900	Senior Seminar for Future Mathematics Educators		3
		Total Units	133			Total Units	148
	Fall 2024			c · 200			
Course	1 811 2024	CE Catagony		Spring 202		CE Catagony	
Course Number	Course Title	GE Category (if applicable)	Units	Course Number	Course Title	GE Category (if applicable)	Units
	Course Title Quantitative Reasoning Lab Mathematics and Society		Units 1 3	Course Number 1101 1103		(if applicable) B4 B4	Units 3
Number 1001L 1101 1102	Course Title Quantitative Reasoning Lab Mathematics and Society Stretch Mathematics and Society A	(if applicable)	1 3 3	Course Number 1101 1103 1201	Course Title Mathematics and Society Stretch Mathematics and Society B Introduction to Statistical Thinking	(if applicable) B4 B4 B4	3 3 3
Number 1001L 1101 1102 1201 1202	Course Title Quantitative Reasoning Lab Mathematics and Society Stretch Mathematics and Society A Introduction to Statistical thinking Stretch Introduction to Statistical Thinking A	(if applicable) B4 B4	1 3 3 3 3	Course Number 1101 1103 1201 1203 1301	Course Title Mathematics and Society Stretch Mathematics and Society B Introduction to Statistical Thinking Stretch Introduction to Statistical Thinking B Modeling with Functions	(if applicable) B4 B4 B4 B4 B4 B4	3 3 3 3
Number 1001L 1101 1102 1201 1202 1301 1302	Course Title Quantitative Reasoning Lab Mathematics and Society Stretch Mathematics and Society A Introduction to Statistical thinking Stretch Introduction to Statistical Thinking A Modeling with functions Stretch Modeling with Functions A	B4 B4 B4	1 3 3 3 3 3 3	Course Number 1101 1103 1201 1203 1301 1303 1401	Course Title Mathematics and Society Stretch Mathematics and Society B Introduction to Statistical Thinking Stretch Introduction to Statistical Thinking B Modeling with Functions Stretch Modeling with Functions B Accelerated Preparation for Calculus	(if applicable) B4 B4 B4 B4 B4 B4 B4 B4 B4 B	3 3 3 3 3 4
Number 1001L 1101 1102 1201 1202 1301	Course Title Quantitative Reasoning Lab Mathematics and Society Stretch Mathematics and Society A Introduction to Statistical thinking Stretch Introduction to Statistical Thinking A Modeling with functions	(if applicable) B4 B4	1 3 3 3 3 3	Course Number 1101 1103 1201 1203 1301 1303	Course Title Mathematics and Society Stretch Mathematics and Society B Introduction to Statistical Thinking Stretch Introduction to Statistical Thinking B Modeling with Functions Stretch Modeling with Functions B	(if applicable) 84 84 84 84 84 84 84	3 3 3 3 3
Number 1001L 1101 1102 1201 1202 1301 1302 1401 1402 1402L	Course Title Quantitative Reasoning Lab Mathematics and Society Stretch Mathematics and Society A Introduction to Statistical thinking Stretch Introduction to Statistical Thinking A Modeling with functions Stretch Modeling with Functions A Accelerated Preparation for Calculus Preparation for Calculus A Preparation for Calculus A Lab	B4 B4 B4 B4 B4 B4 B4	1 3 3 3 3 3 3 4 3	Course Number 1101 1103 1201 1203 1301 1303 1401 1402 1403 1501	Course Title Mathematics and Society Stretch Mathematics and Society B Introduction to Statistical Thinking Stretch Introduction to Statistical Thinking B Modeling with Functions Stretch Modeling with Functions B Accelerated Preparation for Calculus A Preparation for Calculus A Preparation for Calculus B Critical Thinking Through Applications of Mathematical Logic	(if applicable) B4 B4 B4 B4 B4 B4 B4 B4 B4 B	3 3 3 3 3 4 3
Number 1001L 1101 1102 1201 1202 1301 1302 1401 1402 1402 1403 1501	Course Title Quantitative Reasoning Lab Mathematics and Society Stretch Mathematics and Society A Introduction to Statistical thinking Stretch Introduction to Statistical Thinking A Modeling with functions Stretch Modeling with Functions A Accelerated Preparation for Calculus Preparation for Calculus A Preparation for Calculus A Preparation for Calculus A Preparation for Calculus B Critical Thinking Through Applications of Mathematical Logic	B4	1 3 3 3 3 3 3 4 3 1 3 3	Course Number 1101 1103 1201 1203 1301 1303 1401 1402 1403 1501 1601	Course Title Mathematics and Society Stretch Mathematics and Society B Introduction to Statistical Thinking Stretch Introduction to Statistical Thinking B Modeling with Functions Stretch Modeling with Functions B Accelerated Preparation for Calculus Preparation for Calculus A Preparation for Calculus B Critical Thinking Through Applications of Mathematical Logic Modeling with Calculus Calculus I	(if applicable) B4 B4 B4 B4 B4 B4 B4 B4 B4 B	3 3 3 3 3 4 3 3 3 4
Number 1001L 1101 1102 1201 1202 1301 1302 1401 1402 1402L 1403	Course Title Quantitative Reasoning Lab Mathematics and Society Stretch Mathematics and Society A Introduction to Statistical thinking Stretch Introduction to Statistical Thinking A Modeling with functions Stretch Modeling with Functions A Accelerated Preparation for Calculus A Preparation for Calculus A A Preparation for Calculus A Lab Preparation for Calculus B Critical Thinking Through Applications of Mathematical Logic Modeling with Calculus Calculus I	B4 B4 B4 B4 B4 B4 B4 B4	1 3 3 3 3 3 3 4 4 3 1	Course Number 1101 1103 1201 1203 1301 1303 1401 1402 1403 1501 1601	Course Title Mathematics and Society Stretch Mathematics and Society B Introduction to Statistical Thinking Stretch Introduction to Statistical Thinking B Modeling with Functions Stretch Modeling with Functions B Accelerated Preparation for Calculus Preparation for Calculus A Preparation for Calculus A Critical Thinking Through Applications of Mathematical Logic Modeling with Calculus	(if applicable) 84 84 84 84 84 84 84 84 84 8	3 3 3 3 3 4 3 3 3 3 3
Number 1001L 1101 1102 1201 1202 1301 1402 1401 1402L 1403 1501 1601 2210 2210L	Course Title Quantitative Reasoning Lab Mathematics and Society Stretch Mathematics and Society A Introduction to Statistical thinking Stretch Introduction to Statistical Thinking A Modeling with functions Stretch Modeling with Functions A Accelerated Preparation for Calculus Preparation for Calculus A Preparation for Calculus A Preparation for Calculus B Critical Thinking Through Applications of Mathematical Logic Modeling with Calculus Calculus I Calculus	B4	1 3 3 3 3 3 3 4 4 3 1 3 3 3	Course Number 1101 1103 1201 1203 1301 1303 1401 1402 1402 1403 1501 1601 2210 2220 2265	Course Title Mathematics and Society Stretch Mathematics and Society B Introduction to Statistical Thinking Stretch Introduction to Statistical Thinking B Modeling with Functions Stretch Modeling with Functions B Accelerated Preparation for Calculus Preparation for Calculus A Preparation for Calculus B Critical Thinking Through Applications of Mathematical Logic Modeling with Calculus Calculus II Calculus II Calculus II Lab Statistics with Applications	(if applicable) 84 84 84 84 84 84 84 84 84 8	3 3 3 3 3 4 3 3 3 3 4 4 1 1 3
Number 1001L 1101 1102 1201 1202 1301 1405 1405 1405 1201 1202 1201 1202 1201 1202 1200 1200 1200 1200 1200 1200 1200 1200 1200 1205 1001 1001	Course Title Quantitative Reasoning Lab Mathematics and Society Stretch Mathematics and Society A Introduction to Statistical thinking Stretch Introduction to Statistical thinking A Modeling with functions Stretch Modeling with Functions A Accelerated Preparation for Calculus Preparation for Calculus A Preparation for Calculus A Lab Preparation for Calculus B Critical Thinking Through Applications of Mathematical Logic Modeling with Calculus Calculus I Lab Calculus I Lab Calculus I Lab Statistics with Applications	B4	1 3 3 3 3 3 3 4 3 1 1 3 3 3 4 4 3 3 4 4 3 3 4 4 4 3 3 4	Course Number 1101 1103 1201 1201 1203 1301 1401 1402 1403 1501 1601 2220 2220 2220 22310	Course Title Mathematics and Society Stretch Mathematics and Society B Introduction to Statistical Thinking B Modeling with Functions Stretch Introduction to Statistical Thinking B Modeling with Functions Stretch Modeling with Functions B Accelerated Preparation for Calculus Preparation for Calculus A Preparation for Calculus A Preparation for Calculus B Critical Thinking Through Applications of Mathematical Logic Modeling with Calculus Calculus I Calculus II Calculus II Lab Statistics with Applications Differential Equations with Dynamical Systems I Applied Linear Algebra	(if applicable) 84 84 84 84 84 84 84 84 84 8	3 3 3 3 3 4 4 3 3 3 4 4 4 1 1 3 3 4 4 4 4
Number 10011. 1101 1102 1201 1301 1402 14021 1403 1501 1601 2210 1220 2265 2270 2310	Course Title Quantitative Reasoning Lab Mathematics and Society Stretch Mathematics and Society A Introduction to Statistical thinking Stretch Introduction to Statistical Thinking A Modeling with functions Stretch Modeling with Functions A Accelerated Preparation for Calculus A Preparation for Calculus A Preparation for Calculus A Lab Preparation for Calculus B Critical Thinking Through Applications of Mathematical Logic Modeling with Calculus Calculus I Calculus I Lab Calculus I Statistics with Applications Differential Equations with Dynamical Systems I Applied Linear Algebra	B4	1 3 3 3 3 3 3 3 4 4 4 3 3 3 4 4 1 4 3 3 4 4 4 3 3 4 4 4 4	Course Number 1101 1101 1103 1201 1203 1301 1301 1401 1402 1402 1200 12200 12200 12200 12200 12200 12200 12200 12200 12310 2310	Course Title Mathematics and Society Stretch Mathematics and Society B Introduction to Statistical Thinking Stretch Introduction to Statistical Thinking B Modeling with Functions Stretch Modeling with Functions Stretch Modeling with Functions B Accelerated Preparation for Calculus B Preparation for Calculus A Preparation for Calculus B Critical Thinking Through Applications of Mathematical Logic Modeling with Calculus Calculus I Calculus II Lab Statistics with Applications Differential Equations with Dynamical Systems I Applied Linear Algebra Multivariable Calculus Discrete Mathematics	(if applicable) 84 84 84 84 84 84 84 84 84 8	3 3 3 3 3 4 3 3 3 4 4 1 1 3 3 4 4 4 4 1 4 4 4 4
Number 1001L 1101 1102 1201 1202 1301 1302 1401 1402 1403 1501 1601 2210 2220 2265 2270	Course Title Quantitative Reasoning Lab Mathematics and Society Stretch Mathematics and Society A Introduction to Statistical thinking Stretch Introduction to Statistical thinking A Modeling with functions Stretch Modeling with Functions A Accelerated Preparation for Calculus Preparation for Calculus A Preparation for Calculus A Preparation for Calculus B Critical Thinking Through Applications of Mathematical Logic Modeling with Calculus Calculus I Calculus I Calculus II Statistics with Applications Differential Equations with Dynamical Systems I	B4	1 3 3 3 3 3 3 4 3 1 3 3 3 4 4 3 3 4 4 1 4 1	Course Number 1101 1103 1201 1203 1301 1303 1401 1402 1403 1501 1601 2210 2220 2220 2265 2270 2310 2320	Course Title Mathematics and Society Stretch Mathematics and Society B Introduction to Statistical Thinking B Modeling with Functions Stretch Modeling with Functions B Accelerated Preparation for Calculus Preparation for Calculus A Preparation for Calculus B Critical Thinking Through Applications of Mathematical Logic Modeling with Calculus Calculus II Calculus II Lab Statistics with Applications Differential Equations with Dynamical Systems I Applied Linear Algebra Multivariable Calculus	(if applicable) 84 84 84 84 84 84 84 84 84 8	3 3 3 3 3 3 4 3 3 3 3 4 4 1 1 3 3 4 4 4 4
Number 1001L 1101 1101 1102 1202 1301 1302 1401 1403 1501 2210 2220 2265 2270 2320 2320 2370 2990	Course Title Quantitative Reasoning Lab Mathematics and Society Stretch Mathematics and Society A Introduction to Statistical thinking Stretch Introduction to Statistical thinking A Modeling with functions Stretch Modeling with Functions A Accelerated Preparation for Calculus Preparation for Calculus A Preparation for Calculus A Lab Preparation for Calculus A Lab Preparation for Calculus B Critical Thinking Through Applications of Mathematical Logic Modeling with Calculus Calculus I Calculus I Lab Calculus I Lab Calculus I Lab Statistics with Applications Differential Equations with Dynamical Systems I Applied Linear Algebra Multivariable Calculus Discrete Mathematics Problem Solving and Mathematical Reasoning for Teachers I	B4	1 3 3 3 3 3 3 4 4 3 3 3 4 4 1 4 4 3 3 4 4 4 4	Course Number 1101 1101 1103 1201 1203 1301 1301 1401 1402 1402 1200 122	Course Title Mathematics and Society Stretch Mathematics and Society B Introduction to Statistical Thinking Stretch Introduction to Statistical Thinking B Modeling with Functions Stretch Modeling with Functions Stretch Modeling with Functions B Accelerated Preparation for Calculus Preparation for Calculus A Preparation for Calculus B Critical Thinking Through Applications of Mathematical Logic Modeling with Calculus Calculus I Calculus II Calculus II Lab Statistics with Applications Differential Equations with Dynamical Systems I Applied Linear Algebra Multivariable Calculus Discrete Mathematics Mathematical Concepts and Problem Solving for Educators I Mathematical Concepts and Problem Solving for Educators II Proportional Reasoning Lab for Educators	(if applicable) 84 84 84 84 84 84 84 84 84 8	3 3 3 3 3 3 4 4 3 3 3 4 4 4 4 1 1 3 3 4 4 4 1 1 1 1
Number 1001L 1101 1101 1102 1202 1301 1402 1401 1402 1202 1201 1202 1201 1202 1201 1202 1200 1201 1202 1200 1202 1200 1202 1200 120	Course Title Quantitative Reasoning Lab Mathematics and Society Stretch Mathematics and Society A Introduction to Statistical thinking Stretch Introduction to Statistical thinking A Modeling with functions Stretch Modeling with Functions A Accelerated Preparation for Calculus Preparation for Calculus A Preparation for Calculus A Preparation for Calculus A Preparation for Calculus B Critical Thinking Through Applications of Mathematical Logic Modeling with Calculus Calculus I Calculus I Statistics with Applications Differential Equations with Dynamical Systems I Applied Linear Algebra Multivariable Calculus Discrete Mathematics Problem Solving and Mathematical Reasoning for Teachers I Mathematical Concepts and Problem Solving for Educators II Mathematical Concepts and Problem Solving for Educators II	B4	1 3 3 3 3 3 3 4 4 3 3 4 1 1 4 4 3 3 4 4 4 3 3 4 4 4 3 3 4 4 4 3 4	Course Number 1101 1101 1103 1103 1203 1301 1401 1402 1200 1220 1220 1220 1220 12	Course Title Mathematics and Society Stretch Mathematics and Society B Introduction to Statistical Thinking Stretch Introduction to Statistical Thinking B Modeling with Functions Stretch Modeling with Functions B Accelerated Preparation for Calculus Preparation for Calculus A Preparation for Calculus B Critical Thinking Through Applications of Mathematical Logic Modeling with Calculus Calculus II Calculus II Lab Statistics with Applications Differential Equations with Dynamical Systems I Applied Linear Algebra Multivariable Calculus Discrete Mathematics Mathematical Concepts and Problem Solving for Educators II Mathematical Concepts and Problem Solving for Educators II Proportional Reasoning Lab for Educators Mathematical Concepts and Problem Solving for Educators III Algebra and Geometry Lab for Educators	(if applicable) 84 84 84 84 84 84 84 84 84 8	3 3 3 3 3 4 4 3 3 3 4 4 4 4 4 3 3 4 4 4 4 3 3 3 4 4 4 4 3 3 4
Number 1001L 1101 1101 1102 1201 1301 1302 1401 1402 1401 1202 2202 1201 2210 2210	Course Title Quantitative Reasoning Lab Mathematics and Society Stretch Mathematics and Society A Introduction to Statistical thinking Stretch Introduction to Statistical Thinking A Modeling with functions Stretch Modeling with Functions A Accelerated Preparation for Calculus Preparation for Calculus A Preparation for Calculus A Preparation for Calculus A Preparation for Calculus B Critical Thinking Through Applications of Mathematical Logic Modeling with Calculus Calculus I Calculus I Statistics with Applications Differential Equations with Dynamical Systems I Applied Linear Algebra Multivariable Calculus Discrete Mathematics Problem Solving and Mathematical Reasoning for Teachers I Mathematical Concepts and Problem Solving for Educators I	B4	1 3 3 3 3 3 3 4 4 3 3 3 4 4 1 1 4 4 3 3 4 4 4 4	Course Number 1101 1103 1103 1201 1203 1301 1401 1402 1402 1203 1201 1201 1203 1303 1403 1501 1501 1501 1501 1202 1200 12200 12200 12200 12300 12300 13010 13013 3012 13013 3012	Course Title Mathematics and Society Stretch Mathematics and Society B Introduction to Statistical Thinking Stretch Introduction to Statistical Thinking B Modeling with Functions Stretch Modeling with Functions B Accelerated Preparation for Calculus Preparation for Calculus A Preparation for Calculus B Gritical Thinking Through Applications of Mathematical Logic Modeling with Calculus Calculus II Calculus II Calculus II Lab Statistics with Applications Differential Equations with Dynamical Systems I Applied Unear Algebra Multivariable Calculus Discrete Mathematics Mathematical Concepts and Problem Solving for Educators II Mathematical Concepts and Problem Solving for Educators III Proportional Reasoning Lab for Educators Mathematical Concepts and Problem Solving for Educators III Proportional Reasoning Lab for Educators Mathematical Concepts and Problem Solving for Educators III Proportional Reasoning Lab for Educators Mathematical Concepts and Problem Solving for Educators III Mathematical Concepts and Problem Solving for Educators III	(if applicable) 84 84 84 84 84 84 84 84 84 8	3 3 3 3 3 4 4 3 3 3 4 4 4 1 1 3 3 4 4 4 1 3 3 4 4 4 1 3 4 4 1 1 3 1 4 1 4
Number 1001L 1101 1101 1102 1202 1301 1302 1401 1402 1402 1201 1202 1201 1202 1301 1501 1501 1501 1501 1501 1501 1501	Course Title Quantitative Reasoning Lab Mathematics and Society Stretch Mathematics and Society A Introduction to Statistical thinking Stretch Introduction to Statistical thinking A Modeling with functions Stretch Modeling with Functions A Accelerated Preparation for Calculus Preparation for Calculus A Preparation for Calculus A Preparation for Calculus A Preparation for Calculus B Critical Thinking Through Applications of Mathematical Logic Modeling with Calculus B Calculus I Calculus I Statistics with Applications Differential Equations with Dynamical Systems I Applied Linear Algebra Multivariable Calculus Discrete Mathematics Problem Solving and Mathematical Reasoning for Teachers I Mathematical Concepts and Problem Solving for Educators II Mathematical Concepts and Problem Solving for Educators II Mathematical Concepts and Problem Solving for Educators III Algebra and Geometry Lab for Educators	B4	1 3 3 3 3 3 3 4 1 1 3 3 3 4 4 4 4 4 3 3 4 4 4 4	Course Number 1101 1101 1103 1103 1201 1203 1301 1401 1402 1203 1201 1201 1201 1201 1201 1201 12	Course Title Mathematics and Society Stretch Mathematics and Society B Introduction to Statistical Thinking Stretch Introduction to Statistical Thinking B Modeling with Functions Stretch Modeling with Functions B Accelerated Preparation for Calculus Preparation for Calculus A Preparation for Calculus B Critical Thinking Through Applications of Mathematical Logic Modeling with Calculus C I Calculus II Calculus II Lab Statistics with Applications Differential Equations with Dynamical Systems I Applied Linear Algebra Multivariable Calculus Discrete Mathematics Mathematical Concepts and Problem Solving for Educators I Mathematical Concepts and Problem Solving for Educators II Proportional Reasoning Lab for Educators Problem Solving for Educators Problem Solving and Geometry Lab for Educators Problem Solving for Educators Problem Solving for Educators Problem Solving for Educators III Algebra and Geometry Lab for Educators Problem Solving for Teachers I Mathematical Thinking: Communication and Proof Mathematical Interest Theory.	(if applicable) 84 84 84 84 84 84 84 84 84 8	3 3 3 3 3 4 4 3 3 3 4 4 4 1 1 3 3 4 4 4 1 3 3 4 4 4 1 3 1 4 4 1 3 1 4 4 4 4
Number 1001L 1101 1102 1202 1301 1402 1402 1403 1501 1501 2210 1202 2265 2270 2310 2320 3012 3012 3013 3013 3013 3329	Course Title Quantitative Reasoning Lab Mathematics and Society Stretch Mathematics and Society A Introduction to Statistical thinking Stretch Introduction to Statistical thinking A Modeling with functions Stretch Modeling with Functions A Accelerated Preparation for Calculus Preparation for Calculus A Preparation for Calculus A Preparation for Calculus B Critical Thinking Through Applications of Mathematical Logic Modeling with Calculus B Critical Thinking Through Applications of Mathematical Logic Modeling with Calculus C Calculus I Calculus I Calculus I Statistics with Applications Differential Equations with Dynamical Systems I Applied Linear Algebra Multivariable Calculus Discrete Mathematics Problem Solving and Mathematical Reasoning for Teachers I Mathematical Concepts and Problem Solving for Educators II Proportional Reasoning Lab for Educators Mathematical Concepts and Problem Solving for Educators II Mathematical Concepts and Problem Solving for Educators II Algebra and Geometry Lab for Educators Mathematical Thinking: Communication and Proof Euclidean Geometry with Transformations	B4	1 3 3 3 3 3 3 3 4 4 3 3 4 1 4 4 4 3 3 4 4 4 4	Course Number 1101 1101 1103 1103 1201 1203 1301 1401 1402 1403 1501 1501 1501 1501 1501 1501 1501 15	Course Title Mathematics and Society Stretch Mathematics and Society B Introduction to Statistical Thinking Stretch Introduction to Statistical Thinking B Modeling with Functions Stretch Modeling with Functions B Accelerated Preparation for Calculus Preparation for Calculus A Preparation for Calculus B Critical Thinking Through Applications of Mathematical Logic Modeling with Calculus Calculus II Calculus II Calculus II Lab Statistics with Applications Differential Equations with Dynamical Systems I Applied Linear Algebra Multivariable Calculus Discrete Mathematics Mathematical Concepts and Problem Solving for Educators II Mathematical Concepts and Problem Solving for Educators III Algebra and Geometry Lab for Educators Problem Solving and Mathematical Reasoning for Teachers I Mathematical Thinking: Communication and Proof Mathematical Thinking: Communication and Proof Mathematical Interest Theory, Euclidean Geometry with Transformations	(if applicable) 84 84 84 84 84 84 84 84 84 8	3 3 3 3 3 4 4 4 4 1 1 3 3 4 4 4 4 4 4 4
Number 1001L 1101 1101 1102 1202 1301 1402 1402 1403 1501 1501 1501 2210 2220 2265 2270 3010 3012 13013 3013 3013 3010 3329 3332 33372	Course Title Quantitative Reasoning Lab Mathematics and Society Stretch Mathematics and Society A Introduction to Statistical thinking Stretch Introduction to Statistical Thinking A Modeling with functions Stretch Modeling with Functions A Accelerated Preparation for Calculus Preparation for Calculus A Preparation for Calculus A Preparation for Calculus B Critical Thinking Through Applications of Mathematical Logic Modeling with Calculus B Critical Thinking Through Applications of Mathematical Logic Modeling with Calculus Calculus I Calculus I Statistics with Applications Differential Equations with Dynamical Systems I Applied Linear Algebra Multivariable Calculus Discrete Mathematics Problem Solving and Mathematical Reasoning for Teachers I Mathematical Concepts and Problem Solving for Educators II Proportional Reasoning Lab for Educators Mathematical Concepts and Problem Solving for Educators II Proportional Reasoning Lab for Educators Mathematical Concepts and Problem Solving for Educators III Algebra and Geometry Lab for Educators Mathematical Thinking: Communication and Proof Euclidean Geometry with Transformations Number Theory Combinatorics	B4	1 3 3 3 3 3 3 4 4 3 1 1 4 4 3 3 4 4 4 4	Course Number 1101 1103 1103 1201 1203 1301 1401 1402 1402 1403 1501 1201 1201 1201 1201 1201 1201 1201	Course Title Mathematics and Society Stretch Mathematics and Society B Introduction to Statistical Thinking Stretch Introduction to Statistical Thinking B Modeling with Functions Stretch Modeling with Functions B Accelerated Preparation for Calculus Preparation for Calculus A Preparation for Calculus B Critical Thinking Through Applications of Mathematical Logic Modeling with Calculus Calculus II Mathematical Equations with Dynamical Systems I Applied Linear Algebra Multivariable Calculus Discrete Mathematics Discrete Mathematical Concepts and Problem Solving for Educators II Mathematical Concepts and Problem Solving for Educators II Mathematical Concepts and Problem Solving for Educators II Magebra and Geometry Lab for Educators Mathematical Tinking: Communication and Proof Mathematical Inhicking: Communication and Proof Mathematical Tinking: Communication and Proof Mathematical Thinking: Communication and	(if applicable) 84 84 84 84 84 84 84 84 84 8	3 3 3 3 3 3 4 4 4 4 4 1 3 3 4 4 4 4 4 4
Number 1001L 1101 1102 1202 1301 1402 1402 1401 1402 1200 1200 1200 12	Course Title Quantitative Reasoning Lab Mathematics and Society Stretch Mathematics and Society A Introduction to Statistical thinking Stretch Introduction to Statistical thinking A Modeling with functions Stretch Modeling with Functions A Accelerated Preparation for Calculus Preparation for Calculus A Preparation for Calculus A Preparation for Calculus B Critical Thinking Through Applications of Mathematical Logic Modeling with Calculus Calculus I Calculus I Statistics with Applications Differential Equations with Dynamical Systems I Applied Linear Algebra Multivariable Calculus Discrete Mathematics Problem Solving and Mathematical Reasoning for Teachers I Mathematical Concepts and Problem Solving for Educators II Magebra and Geometry Lab for Educators Mathematical Thinking: Communication and Proof Educidean Geometry with Transformations Number Theory Combinatorics Probability Theory	B4	1 3 3 3 3 3 3 3 4 4 1 1 4 3 3 3 4 4 4 4	Course Number 1101 1101 1103 1103 1201 1203 1301 1401 1402 1402 1200 1200 1200 1200 12	Course Title Mathematics and Society Stretch Mathematics and Society B Introduction to Statistical Thinking Stretch Introduction to Statistical Thinking B Modeling with Functions Stretch Modeling with Functions B Accelerated Preparation for Calculus Preparation for Calculus A Preparation for Calculus B Critical Thinking Through Applications of Mathematical Logic Modeling with Calculus Calculus II Calculus II Calculus II Lab Statistics with Applications Differential Equations with Dynamical Systems I Applied Linear Algebra Multivariable Calculus Discrete Mathematics Mathematical Concepts and Problem Solving for Educators I Mathematical Concepts and Problem Solving for Educators II Proportional Reasoning Lab for Educators Mathematical Concepts and Problem Solving for Educators II Algebra and Geometry Lab for Educators Mathematical Thinking: Communication and Proof Mathematical Thinking: Communication and Proof Mathematical Interest Theory. Euclidean Geometry with Transformations Number Theory Combinatorics Probability Theory Topics in History of Mathematics	(if applicable) 84 84 84 84 84 84 84 84 84 8	3 3 3 3 3 4 4 4 4 4 4 3 3 3 4 4 4 4 3 3 3 1 4 4 4 4
Number 1001L 1101 1101 1102 1202 1301 1402 1401 1402 1402 1200 2265 2270 2302 2372 2900 3010 3012 3013 3013 3013 3329 33450 3460 3460 3460 11001 1001 11001	Course Title Quantitative Reasoning Lab Mathematics and Society Stretch Mathematics and Society A Introduction to Statistical thinking Stretch Introduction to Statistical Thinking A Modeling with functions Stretch Modeling with Functions A Accelerated Preparation for Calculus Preparation for Calculus A Preparation for Calculus A Preparation for Calculus B Critical Thinking Through Applications of Mathematical Logic Modeling with Calculus B Critical Thinking Through Applications of Mathematical Logic Modeling with Calculus Calculus I Calculus I Calculus I Calculus I Calculus I Statistics with Applications Differential Equations with Dynamical Systems I Applied Linear Algebra Multivariable Calculus Discrete Mathematics Problem Solving and Mathematical Reasoning for Teachers I Mathematical Concepts and Problem Solving for Educators II Mathematical Concepts and Problem Solving for Educators II Proportional Reasoning Lab for Educators Mathematical Concepts and Problem Solving for Educators II Migebra and Geometry Lab for Educators Mathematical Thinking: Communication and Proof Euclidean Geometry with Transformations Number Theory Compluational Statistics Topics in History of Mathematics	B4	1 3 3 3 3 3 3 4 4 3 3 4 1 1 4 3 3 3 4 4 4 4	Course Number 1101 1103 1101 1103 1201 1203 1301 1401 1402 1403 1501 1501 1501 1501 1501 1501 1501 15	Course Title Mathematics and Society Stretch Mathematics and Society B Introduction to Statistical Thinking Stretch Introduction to Statistical Thinking B Modeling with Functions Stretch Modeling with Functions B Accelerated Preparation for Calculus Preparation for Calculus A Preparation for Calculus B Critical Thinking Through Applications of Mathematical Logic Modeling with Calculus Calculus II Calculus II Calculus II Lab Statistics with Applications Differential Equations with Dynamical Systems I Applied Unear Algebra Multivariable Calculus Discrete Mathematics Mathematical Concepts and Problem Solving for Educators II Mathematical Concepts and Problem Solving for Teachers I Mathematical Thinking; Communication and Proof Mathematical Interest Theory. Euclidean Geometry with Transformations Number Theory Combinatorics Probabilty Theory Topics in History of Mathematics Introduction to Graph Theory Differential Equatations with Dynamical Systems II	(if applicable) 84 84 84 84 84 84 84 84 84 8	3 3 3 3 3 4 4 4 4 4 4 3 3 3 1 1 4 4 4 4
Number 1001L 1101 1101 1102 1202 1301 1302 1401 1402 1402 1200 2210 2210 2210 22	Course Title Quantitative Reasoning Lab Mathematics and Society Stretch Mathematics and Society A Introduction to Statistical thinking Stretch Introduction to Statistical Thinking A Modeling with functions Stretch Modeling with Functions A Accelerated Preparation for Calculus Preparation for Calculus A Preparation for Calculus A Preparation for Calculus A Lab Preparation for Calculus B Critical Thinking Through Applications of Mathematical Logic Modeling with Calculus B Calculus I Calculus I Statistics with Applications Differential Equations with Dynamical Systems I Applied Linear Algebra Multivariable Calculus Discrete Mathematics Problem Solving and Mathematical Reasoning for Teachers I Mathematical Concepts and Problem Solving for Educators II Mathematical Concepts and Problem Solving for Educators II Proportional Reasoning Lab for Educators Mathematical Concepts and Problem Solving for Educators II Proportional Reasoning Lab for Educators Mathematical Thinking: Communication and Proof Euclidean Geometry Lab for Educators Mathematical Thinking: Communication and Proof Euclidean Geometry with Transformations Number Theory Compitational Statistics Topics in History of Mathematics Real Analysis Introdction to Actuarial Modeling	B4	1 3 3 3 3 3 3 4 4 3 3 3 4 4 4 4 4 3 3 4 4 4 4 3 3 3 4 4 4 4 3 3 3 4 4 4 4 4 3 3 3 4 4 4 4 4 3 3 3 4 4 4 4 3	Course Number 1101 1101 1103 1201 1203 1301 1401 1402 1402 1205 1200 1200 1200 1200 1200 1200 12	Course Title Mathematics and Society Stretch Mathematics and Society B Introduction to Statistical Thinking Stretch Introduction to Statistical Thinking Stretch Indication and Statistical Thinking B Modeling with Functions Stretch Modeling with Functions B Accelerated Preparation for Calculus Preparation for Calculus A Preparation for Calculus A Preparation for Calculus B Critical Thinking Through Applications of Mathematical Logic Modeling with Calculus Calculus II Calculus II Calculus II Calculus II Calculus II Statistics with Applications Differential Equations with Dynamical Systems I Applied Linear Algebra Multivariable Calculus Discrete Mathematics Mathematical Concepts and Problem Solving for Educators I Mathematical Concepts and Problem Solving for Educators II Proportional Reasoning Lab for Educators Mathematical Concepts and Problem Solving for Educators II Algebra and Geometry Lab for Educators Mathematical Thinking: Communication and Proof Mathematical Interest Theory. Educidean Geometry with Transformations Number Theory Combinatorics Probabilty Theory Topics in History of Mathematics Introduction to Graph Theory Differential Equaations with Dynamical Systems II Real Analysis Theory of Rings and Fields	(if applicable) 84 84 84 84 84 84 84 84 84 8	3 3 3 3 3 3 4 4 4 4 4 4 3 3 1 1 3 3 3 4 4 4 4
Number 1001L 1101 1101 1102 1202 1301 1402 1405 1401 1202 1200 1200 1301 1302 1401 1402 1402 1402 1402 1402 1402 14	Course Title Quantitative Reasoning Lab Mathematics and Society Stretch Mathematics and Society A Introduction to Statistical thinking Stretch Introduction to Statistical thinking A Modeling with functions Stretch Modeling with Functions A Accelerated Preparation for Calculus Preparation for Calculus A Preparation for Calculus A Preparation for Calculus B Critical Thinking Through Applications of Mathematical Logic Modeling with Calculus B Critical Thinking Through Applications of Mathematical Logic Modeling with Calculus Calculus I Calculus I Calculus II Statistics with Applications Differential Equations with Dynamical Systems I Applied Linear Algebra Multivariable Calculus Discrete Mathematics Problem Solving and Mathematical Reasoning for Teachers I Mathematical Concepts and Problem Solving for Educators II Mathematical Concepts and Problem Solving for Educators III Algebra and Geometry Lab for Educators Mathematical Concepts and Problem Solving for Educators III Algebra and Geometry Lab for Educators Mathematical Thinking: Communication and Proof Euclidean Geometry Lab for Educators Number Theory Computational Statistics Topics in History of Mathematics Real Analysis Introdction to Actuarial Modeling Partial Differential Equations & Fourier Analysis	B4	1 3 3 3 3 3 3 4 4 3 3 3 4 4 1 4 4 3 3 3 4 4 4 4	Course Number 1101 1101 1103 1201 1203 1301 1401 1402 1402 1203 1201 1203 1303 1401 1402 1200 1200 1200 1200 1200 1200	Course Title Mathematics and Society Stretch Mathematics and Society B Introduction to Statistical Thinking Stretch Introduction to Statistical Thinking B Modeling with Functions Stretch Modeling with Functions B Accelerated Preparation for Calculus Preparation for Calculus A Preparation for Calculus A Preparation for Calculus B Critical Thinking Through Applications of Mathematical Logic Modeling with Calculus Calculus II Calculus II Calculus II Lab Statistics with Applications Differential Equations with Dynamical Systems I Applied Unear Algebra Multivariable Calculus Discrete Mathematics Mathematical Concepts and Problem Solving for Educators II Mathematical Concepts and Problem Solving for Educators II Mathematical Concepts and Problem Solving for Educators II Algebra and Geometry Lab for Educators Problem Solving and Mathematical Reasoning for Teachers I Mathematical Thinking: Communication and Proof Mathematical Interest Theory. Euclidean Geometry with Transformations Number Theory Combinatorics Probabilty Theory Topics in History of Mathematics Interoduction to Graph Theory Differential Equaations with Dynamical Systems II Real Analysis Theory of Rings and Fields Problem Solving and Mathematical Reasoning for Teachers II	(if applicable) 84 84 84 84 84 84 84 84 84 8	3 3 3 3 3 4 4 4 4 4 3 3 3 1 1 4 4 4 3 3 3 1 4 4 4 4
Number 1001L 1101 1101 1101 1102 1202 1301 1302 1401 1402 14021 1200 2210 2210 2210 2	Course Title Quantitative Reasoning Lab Mathematics and Society Stretch Mathematics and Society A Introduction to Statistical thinking Stretch Introduction to Statistical Thinking A Modeling with functions Stretch Modeling with Functions A Accelerated Preparation for Calculus Preparation for Calculus A Preparation for Calculus A Preparation for Calculus B Critical Thinking Through Applications of Mathematical Logic Modeling with Calculus B Critical Thinking Through Applications of Mathematical Logic Modeling with Calculus Calculus I Calculus I Calculus I Lab Calculus I I Applied Linear Algebra Multivariable Calculus Discrete Mathematics Problem Solving and Mathematical Reasoning for Teachers I Mathematical Concepts and Problem Solving for Educators I Mathematical Concepts and Problem Solving for Educators II Mathematical Concepts and Problem Solving for Educators II Algebra and Geometry Lab for Educators Mathematical Concepts and Problem Solving for Educators II Algebra and Geometry Lab for Educators Mathematical Thinking: Communication and Proof Euclidean Geometry with Transformations Number Theory Computational Statistics Topics in History of Mathematics Real Analysis Introduction to Actuarial Modeling Partial Differential Equations & Fourier Analysis Theory of Rings and Fields Problem Solving and Mathematical Reasoning for Teachers II	B4	1 3 3 3 3 3 3 4 4 3 3 4 4 4 3 3 3 4 4 4 4 3 3 3 4 4 4 4 3 3 3 3 4 4 4 4 3 3 3 4 4 4 4 3 3 3 3 3 3 4 4 4 3	Course Number 1101 1103 1101 1203 1201 1201 1203 1301 1401 1402 1402 1403 1501 1201 1201 1201 1201 1201 1201 1201	Course Title Mathematics and Society Stretch Mathematics and Society B Introduction to Statistical Thinking Stretch Introduction to Statistical Thinking B Modeling with Functions Stretch Modeling with Functions B Accelerated Preparation for Calculus Preparation for Calculus A Preparation for Calculus A Preparation for Calculus B Gritical Thinking Through Applications of Mathematical Logic Modeling with Calculus Calculus II Discrete Mathematical Concepts and Problem Solving for Educators II Mathematical Concepts and Problem Solving for Educators II Mathematical Concepts and Problem Solving for Educators II Algebra and Geometry Lab for Educators Mathematical Concepts and Problem Solving for Teachers II Mathematical Interest Theory. Combinatorics Probabilty Theory Topics in History of Mathematics Introduction to Graph Theory Differential Equaations with Dynamical Systems II Real Analysis Theory of Rings and Hathematical Reasoning for Teachers II Advanced Real Analysis Advanced Inear Algebra	(if applicable) 84 84 84 84 84 84 84 84 84 8	3 3 3 3 3 3 4 4 4 4 4 3 3 1 1 3 3 3 4 4 4 4
Number 1001L 1101 1101 1102 1202 1301 1302 1402L 1403 1501 1601 2210 2210 2256 2270 2310 2320 3012 3012L 3013 3013 3013 3013 3013 345 3376 3465 3480 4320 4455 4600 4900 5550	Course Title Quantitative Reasoning Lab Mathematics and Society Stretch Mathematics and Society A Introduction to Statistical thinking Stretch Introduction to Statistical thinking Stretch Introduction to Statistical Thinking A Modeling with functions Stretch Modeling with Functions A Accelerated Preparation for Calculus Preparation for Calculus A Preparation for Calculus A Preparation for Calculus B Critical Thinking Through Applications of Mathematical Logic Modeling with Calculus B Calculus I Calculus I Statistics with Applications Differential Equations with Dynamical Systems I Applied Linear Algebra Multivariable Calculus Discrete Mathematics Problem Solving and Mathematical Reasoning for Teachers I Mathematical Concepts and Problem Solving for Educators I Mathematical Concepts and Problem Solving for Educators I Mathematical Concepts and Problem Solving for Educators II Algebra and Geometry Lab for Educators Mathematical Thinking: Communication and Proof Euclidean Geometry with Transformations Number Theory Combinatorics Probability Theory Computational Statistics Topics in History of Mathematics Real Analysis Introduction to Topology Probablysis Introduction to Topology	B4	1 3 3 3 3 3 4 4 3 3 4 4 4 4 3 3 4 4 4 4 3 3 4 4 4 3 3 3 4 4 4 4 4 4 4 4 4 5 6 7 8 8 8 8 8 8 8 8 8 8 8 8 8	Course Number 1101 1203 1301 1203 1301 1401 1402 1210 1501 1501 1501 1501 1501 1501 15	Course Title Mathematics and Society Stretch Mathematics and Society B Introduction to Statistical Thinking Stretch Introduction to Statistical Thinking B Modeling with Functions Stretch Modeling with Functions B Accelerated Preparation for Calculus Preparation for Calculus A Preparation for Calculus B Critical Thinking Through Applications of Mathematical Logic Modeling with Calculus Calculus II Calculus II Calculus II Lab Statistics with Applications Differential Equations with Dynamical Systems I Applied Linear Algebra Multivariable Calculus Discrete Mathematics Mathematical Concepts and Problem Solving for Educators II Mathematical Concepts and Problem Solving for Educators III Algebra and Geometry Lab for Educators Problem Solving and Mathematical Reasoning for Teachers I Mathematical Thinking: Communication and Proof Mathematical Interest Theory. Euclidean Geometry with Transformations Number Theory Combinatorics Problem Solving and Mathematics Introduction to Graph Theory Differential Equaations with Dynamical Systems II Real Analysis Theory of Rings and Fields Problem Solving and Mathematics Introduction to Graph Theory Differential Equaations with Dynamical Systems II Real Analysis Theory of Rings and Fields Problem Solving and Mathematical Reasoning for Teachers II Advanced Real Analysis Advanced Linear Algebra Advanced Topics in Geometry Mathematical Statistics	(if applicable) 84 84 84 84 84 84 84 84 84 8	3 3 3 3 3 3 4 4 4 4 4 4 3 3 3 3 3 3 4
Number 1001L 1101 1102 1202 1301 1402 1402 1402 1402 1200 1300 1500 1500 1500 1500 1500 1500 15	Course Title Quantitative Reasoning Lab Mathematics and Society Stretch Mathematics and Society A Introduction to Statistical thinking Stretch Introduction to Statistical thinking Stretch Introduction to Statistical Thinking A Modeling with Functions Stretch Modeling with Functions A Accelerated Preparation for Calculus Preparation for Calculus A Preparation for Calculus A Preparation for Calculus B Critical Thinking Through Applications of Mathematical Logic Modeling with Calculus Calculus I Calculus I Calculus I Calculus II Statistics with Applications Differential Equations with Dynamical Systems I Applied Linear Algebra Multivariable Calculus Discrete Mathematics Problem Solving and Mathematical Reasoning for Teachers I Mathematical Concepts and Problem Solving for Educators II Mathematical C	B4	1 3 3 3 3 3 3 4 4 3 3 3 4 4 1 1 4 4 3 3 3 4 4 4 4	Course Number 1101 1101 1103 1203 1301 1401 1402 1402 1403 1501 1501 1501 1501 1501 1501 1501 15	Course Title Mathematics and Society Stretch Mathematics and Society B Introduction to Statistical Thinking Stretch Introduction to Statistical Thinking B Modeling with Functions Stretch Modeling with Functions Stretch Modeling with Functions B Accelerated Preparation for Calculus Preparation for Calculus A Preparation for Calculus B Critical Thinking Through Applications of Mathematical Logic Modeling with Calculus Calculus II Calculus II Calculus II Lab Statistics with Applications Differential Equations with Dynamical Systems I Applied Linear Algebra Multivariable Calculus Discrete Mathematics Mathematical Concepts and Problem Solving for Educators I Mathematical Concepts and Problem Solving for Educators II Algebra and Geometry Lab for Educators Problem Solving and Mathematical Reasoning for Teachers I Mathematical Thinking: Communication and Proof Mathematical Interest Theory. Euclidean Geometry with Transformations Number Theory Combinatorics Probabilty Theory Topics in History of Mathematics Introduction to Graph Theory Differential Equations with Dynamical Systems II Real Analysis Theory of Rings and Helds Problem Solving and Mathematical Reasoning for Teachers II Advanced Real Analysis Advanced Cipacia in Geometry	(if applicable) 84 84 84 84 84 84 84 84 84 8	3 3 3 3 3 4 4 4 4 4 3 3 3 4 4 4 4 3 3 3 4 4 4 4 4 3 3 3 3 4
Number 1001L 1101 1101 1101 1102 1202 1301 1302 1401 1402 14021 1200 2210 2210 2210 2	Course Title Quantitative Reasoning Lab Mathematics and Society Stretch Mathematics and Society A Introduction to Statistical thinking Stretch Introduction to Statistical Thinking A Modeling with functions Stretch Modeling with Functions A Accelerated Preparation for Calculus Preparation for Calculus A Preparation for Calculus A Preparation for Calculus B Critical Thinking Through Applications of Mathematical Logic Modeling with Calculus B Critical Thinking Through Applications of Mathematical Logic Modeling with Calculus Calculus I Statistics with Applications Differential Equations with Dynamical Systems I Applied Linear Algebra Multivariable Calculus Discrete Mathematics Problem Solving and Mathematical Reasoning for Teachers I Mathematical Concepts and Problem Solving for Educators II Mathematical Concepts and Problem Solving for Educators III Magebra and Geometry Lab for Educators Mathematical Thinking: Communication and Proof Euclidean Geometry with Transformations Number Theory Computational Statistics Topics in History of Mathematics Real Analysis Introduction to Actuarial Modeling Partial Differential Equations & Fourier Analysis Introduction to Topology Group Theory Introduction to Topology Group Theory	B4 B	1 3 3 3 3 3 4 4 3 3 4 4 4 4 3 3 4 4 4 4 3 3 4 4 4 4 3 3 4 4 4 4 3 3 4 4 4 4 4 5 6 7 8 8 8 8 8 8 8 8 8 8 8 8 8	Course Number 1101 1203 1301 1203 1301 1401 1402 1210 1501 1501 1501 1501 1501 1501 15	Course Title Mathematics and Society Stretch Mathematics and Society B Introduction to Statistical Thinking Stretch Introduction to Statistical Thinking B Modeling with Functions Stretch Modeling with Functions B Accelerated Preparation for Calculus Preparation for Calculus A Preparation for Calculus B Critical Thinking Through Applications of Mathematical Logic Modeling with Calculus Calculus II Calculus II Calculus II Lab Statistics with Applications Differential Equations with Dynamical Systems I Applied Linear Algebra Multivariable Calculus Discrete Mathematics Mathematical Concepts and Problem Solving for Educators II Mathematical Concepts and Problem Solving for Educators III Algebra and Geometry Lab for Educators Problem Solving and Mathematical Reasoning for Teachers I Mathematical Thinking: Communication and Proof Mathematical Interest Theory. Euclidean Geometry with Transformations Number Theory Combinatorics Problem Solving and Mathematics Introduction to Graph Theory Differential Equaations with Dynamical Systems II Real Analysis Theory of Rings and Fields Problem Solving and Mathematics Introduction to Graph Theory Differential Equaations with Dynamical Systems II Real Analysis Theory of Rings and Fields Problem Solving and Mathematical Reasoning for Teachers II Advanced Real Analysis Advanced Linear Algebra Advanced Topics in Geometry Mathematical Statistics	(if applicable) 84 84 84 84 84 84 84 84 84 8	3 3 3 3 3 3 4 4 4 4 4 4 3 3 3 3 3 4
Number 1001L 1101 1101 1101 1102 1202 1301 1302 1401 1402 14021 1200 2210 2210 2210 2	Course Title Quantitative Reasoning Lab Mathematics and Society Stretch Mathematics and Society A Introduction to Statistical thinking Stretch Introduction to Statistical Thinking A Modeling with functions Stretch Modeling with Functions A Accelerated Preparation for Calculus Preparation for Calculus A Preparation for Calculus A Preparation for Calculus B Critical Thinking Through Applications of Mathematical Logic Modeling with Calculus B Critical Thinking Through Applications of Mathematical Logic Modeling with Calculus Calculus I Statistics with Applications Differential Equations with Dynamical Systems I Applied Linear Algebra Multivariable Calculus Discrete Mathematics Problem Solving and Mathematical Reasoning for Teachers I Mathematical Concepts and Problem Solving for Educators II Mathematical Concepts and Problem Solving for Educators III Magebra and Geometry Lab for Educators Mathematical Thinking: Communication and Proof Euclidean Geometry with Transformations Number Theory Computational Statistics Topics in History of Mathematics Real Analysis Introduction to Actuarial Modeling Partial Differential Equations & Fourier Analysis Introduction to Topology Group Theory Introduction to Topology Group Theory	B4	1 3 3 3 3 3 3 4 4 3 3 4 4 4 3 3 4 4 4 3 3 4 4 4 3 3 4 4 4 3 3 4 4 4 4 3 3 4 4 4 4 5 6 7 8 8 8 8 8 8 8 8 8 8 8 8 8	Course Number 1101 1203 1301 1203 1301 1401 1402 1210 1501 1501 1501 1501 1501 1501 15	Course Title Mathematics and Society Stretch Mathematics and Society B Introduction to Statistical Thinking Stretch Introduction to Statistical Thinking B Modeling with Functions Stretch Modeling with Functions B Accelerated Preparation for Calculus Preparation for Calculus A Preparation for Calculus B Critical Thinking Through Applications of Mathematical Logic Modeling with Calculus Calculus II Calculus II Calculus II Lab Statistics with Applications Differential Equations with Dynamical Systems I Applied Linear Algebra Multivariable Calculus Discrete Mathematics Mathematical Concepts and Problem Solving for Educators II Mathematical Concepts and Problem Solving for Educators III Algebra and Geometry Lab for Educators Problem Solving and Mathematical Reasoning for Teachers I Mathematical Thinking: Communication and Proof Mathematical Interest Theory. Euclidean Geometry with Transformations Number Theory Combinatorics Problem Solving and Mathematics Introduction to Graph Theory Differential Equaations with Dynamical Systems II Real Analysis Theory of Rings and Fields Problem Solving and Mathematics Introduction to Graph Theory Differential Equaations with Dynamical Systems II Real Analysis Theory of Rings and Fields Problem Solving and Mathematical Reasoning for Teachers II Advanced Real Analysis Advanced Linear Algebra Advanced Topics in Geometry Mathematical Statistics	(if applicable) B4	3 3 3 3 3 4 4 4 4 4 3 3 3 1 1 4 4 4 4 4
Number 1001L 1101 1101 1101 1102 1202 1301 1302 1401 1402 14021 1200 2210 2210 2210 2	Course Title Quantitative Reasoning Lab Mathematics and Society Stretch Mathematics and Society A Introduction to Statistical thinking Stretch Introduction to Statistical Thinking A Modeling with functions Stretch Modeling with Functions A Accelerated Preparation for Calculus Preparation for Calculus A Preparation for Calculus A Preparation for Calculus B Critical Thinking Through Applications of Mathematical Logic Modeling with Calculus B Critical Thinking Through Applications of Mathematical Logic Modeling with Calculus Calculus I Statistics with Applications Differential Equations with Dynamical Systems I Applied Linear Algebra Multivariable Calculus Discrete Mathematics Problem Solving and Mathematical Reasoning for Teachers I Mathematical Concepts and Problem Solving for Educators II Mathematical Concepts and Problem Solving for Educators III Magebra and Geometry Lab for Educators Mathematical Thinking: Communication and Proof Euclidean Geometry with Transformations Number Theory Computational Statistics Topics in History of Mathematics Real Analysis Introduction to Actuarial Modeling Partial Differential Equations & Fourier Analysis Introduction to Topology Group Theory Introduction to Topology Group Theory	B4 B	1 3 3 3 3 3 4 4 3 3 4 4 4 4 3 3 4 4 4 4 3 3 4 4 4 4 3 3 4 4 4 4 3 3 4 4 4 4 4 5 6 7 8 8 8 8 8 8 8 8 8 8 8 8 8	Course Number 1101 1203 1301 1203 1301 1401 1402 1210 1501 1501 1501 1501 1501 1501 15	Course Title Mathematics and Society Stretch Mathematics and Society B Introduction to Statistical Thinking Stretch Introduction to Statistical Thinking B Modeling with Functions Stretch Modeling with Functions B Accelerated Preparation for Calculus Preparation for Calculus A Preparation for Calculus B Critical Thinking Through Applications of Mathematical Logic Modeling with Calculus Calculus II Calculus II Calculus II Lab Statistics with Applications Differential Equations with Dynamical Systems I Applied Linear Algebra Multivariable Calculus Discrete Mathematics Mathematical Concepts and Problem Solving for Educators II Mathematical Concepts and Problem Solving for Educators III Algebra and Geometry Lab for Educators Problem Solving and Mathematical Reasoning for Teachers I Mathematical Thinking: Communication and Proof Mathematical Interest Theory. Euclidean Geometry with Transformations Number Theory Combinatorics Problem Solving and Mathematics Introduction to Graph Theory Differential Equaations with Dynamical Systems II Real Analysis Theory of Rings and Fields Problem Solving and Mathematics Introduction to Graph Theory Differential Equaations with Dynamical Systems II Real Analysis Theory of Rings and Fields Problem Solving and Mathematical Reasoning for Teachers II Advanced Real Analysis Advanced Linear Algebra Advanced Topics in Geometry Mathematical Statistics	(if applicable) B4	3 3 3 3 3 4 4 4 4 4 3 3 3 1 1 4 4 4 4 4
Number 1001L 1101 1101 1101 1102 1202 1301 1302 1401 1402 1402 1200 2210 2210 2210 22	Course Title Quantitative Reasoning Lab Mathematics and Society Stretch Mathematics and Society A Introduction to Statistical thinking Stretch Introduction to Statistical Thinking A Modeling with functions Stretch Modeling with Functions A Accelerated Preparation for Calculus Preparation for Calculus A Preparation for Calculus A Preparation for Calculus B Critical Thinking Through Applications of Mathematical Logic Modeling with Calculus B Critical Thinking Through Applications of Mathematical Logic Modeling with Calculus Calculus I Statistics with Applications Differential Equations with Dynamical Systems I Applied Linear Algebra Multivariable Calculus Discrete Mathematics Problem Solving and Mathematical Reasoning for Teachers I Mathematical Concepts and Problem Solving for Educators II Mathematical Concepts and Problem Solving for Educators III Magebra and Geometry Lab for Educators Mathematical Thinking: Communication and Proof Euclidean Geometry with Transformations Number Theory Computational Statistics Topics in History of Mathematics Real Analysis Introduction to Actuarial Modeling Partial Differential Equations & Fourier Analysis Introduction to Topology Group Theory Introduction to Topology Group Theory	B4 B	1 3 3 3 3 3 4 4 3 3 4 4 4 4 3 3 4 4 4 4 3 3 4 4 4 4 3 3 4 4 4 4 3 3 4 4 4 4 4 5 6 7 8 8 8 8 8 8 8 8 8 8 8 8 8	Course Number 1101 1203 1301 1203 1301 1401 1402 1210 1501 1501 1501 1501 1501 1501 15	Course Title Mathematics and Society Stretch Mathematics and Society B Introduction to Statistical Thinking Stretch Introduction to Statistical Thinking B Modeling with Functions Stretch Modeling with Functions B Accelerated Preparation for Calculus Preparation for Calculus A Preparation for Calculus B Critical Thinking Through Applications of Mathematical Logic Modeling with Calculus Calculus II Calculus II Calculus II Lab Statistics with Applications Differential Equations with Dynamical Systems I Applied Linear Algebra Multivariable Calculus Discrete Mathematics Mathematical Concepts and Problem Solving for Educators II Mathematical Concepts and Problem Solving for Educators III Algebra and Geometry Lab for Educators Problem Solving and Mathematical Reasoning for Teachers I Mathematical Thinking: Communication and Proof Mathematical Interest Theory. Euclidean Geometry with Transformations Number Theory Combinatorics Problem Solving and Mathematics Introduction to Graph Theory Differential Equaations with Dynamical Systems II Real Analysis Theory of Rings and Fields Problem Solving and Mathematics Introduction to Graph Theory Differential Equaations with Dynamical Systems II Real Analysis Theory of Rings and Fields Problem Solving and Mathematical Reasoning for Teachers II Advanced Real Analysis Advanced Linear Algebra Advanced Topics in Geometry Mathematical Statistics	(if applicable) B4	3 3 3 3 3 4 4 4 4 4 3 3 3 1 1 4 4 4 4 4