

SAMPLE PROGRAM OF STUDY FOR STUDENTS ON CLE GEN ED
 College of Science - Bachelor of Science
 Major in Mathematics - Traditional Option
 Total of 120 credit hours needed for graduation

There is considerable flexibility in designing a program of study. The example given below is not likely to fit every situation and is provided for information as you develop your own plan with your advisor.

Fall Semester Freshman			Credits
ENGL	1105	First-Year Writing (Area 1)	3
MATH	1225	Calculus of a Single Variable (Area 5)	4
MATH	1004	Discovering Mathematics I (F)	1
		Area 2 – Ideas, Cultural Traditions, and Values	3
		Area 3 – Society and Human Behavior	3
		Free Elective	3
			17

Spring Semester Freshman			Credits
ENGL	1106	First-Year Writing (Area 1)	3
MATH	1226	Calculus of a Single Variable (Area 5)	4
MATH	1044	Discovering Mathematics II (S)	2
		Area 2 – Ideas, Cultural Traditions, and Values	3
		Area 6 – Creativity and Aesthetic Experience	3
			15

Fall Semester Sophomore			Credits
MATH	2114	Introduction to Linear Algebra	3
MATH	2204	Intro Multivariable Calculus	3
		Area 3 – Society and Human Behavior	3
		Area 4 – Scientific Reasoning and Discovery	3
		Area 7 – Critical Issues in a Global Context	3
			15

Spring Semester Sophomore			Credits
MATH	2214	Intro Diff Equations	3
MATH	3034	Introduction to Proofs	3
		Area 4 – Scientific Reasoning and Discovery	3
		Free Elective	3
		Free Elective	3
			15

Fall Semester Junior			Credits
MATH	3124	Modern Algebra	3
MATH	3214	Calculus of Several Variables	3
MATH	3054	Programming for Math (F) (or CS)	3
		Free Elective	3
		Free Elective	3
			15

Spring Semester Junior			Credits
MATH	3144	Linear Algebra I	3
MATH	3224	Advanced Calculus	3
		Math-Related Course	3
		Free Elective	3
		Free Elective	3
			15

Fall Semester Senior			Credits
MATH	4xxx	4000-level sequence	3
MATH	4xxx	4000-level MATH course	3
		Math-Related Course	3
		Math-Related Course	3
		Free Elective	3
			15

Spring Semester Senior			Credits
MATH	4xxx	4000-level sequence	3
MATH	4xxx	4000-level MATH course	3
		Math-Related Course	3
		Free Elective	3
		Free Elective	3
			15

Refer to approved checksheets for restrictions on Math 4xxx-level course requirements.
 (F) = offered fall semesters only