

CURRICULUM GUIDE FOR MATH DEPARTMENT

(This is an example. Not all general education courses are listed or noted.)



MATH MAJOR: STUDENT BEGINS DURING FALL OF AN EVEN YEAR

YEAR 1

FALL	COURSE TITLE	CREDITS
MATH 225	Calculus I	4

SPRING	COURSE TITLE	CREDITS
CIS 211	Intro to Programming**	3
MATH 226	Calculus II	4

YEAR 2

FALL	COURSE TITLE	CREDITS
MATH 230	Statistics for Majors*	3
MATH 343	Number Theory	3

SPRING	COURSE TITLE	CREDITS
MATH 327	Calculus III	4
MATH 443	Abstract Algebra***	3

YEAR 3

FALL	COURSE TITLE	CREDITS
MATH 340	Probability	3

SPRING	COURSE TITLE	CREDITS
MATH 333	Linear Algebra	3
MATH 336	Geometry Seminar	3

YEAR 4

FALL	COURSE TITLE	CREDITS
MATH 499	Capstone	3

*MATH 230 is offered every semester, so can be taken any semester.

**CIS 211 is offered every spring, and is recommended for freshman or sophomore year. It is best if taken before MATH 340 Probability.

***MATH 443 can be taken in spring of Year 4.

MATH MAJOR: STUDENT BEGINS DURING FALL OF AN ODD YEAR

YEAR 1

FALL	COURSE TITLE	CREDITS
MATH 225	Calculus I	4

SPRING	COURSE TITLE	CREDITS
CIS 211	Intro to Programming**	3
MATH 226	Calculus II	4

YEAR 2

FALL	COURSE TITLE	CREDITS
MATH 230	Statistics for Majors*	3
MATH 340	Probability	3

SPRING	COURSE TITLE	CREDITS
MATH 333	Linear Algebra	3
MATH 336	Geometry Seminar	3

YEAR 3

FALL	COURSE TITLE	CREDITS
MATH 343	Number Theory	3

SPRING	COURSE TITLE	CREDITS
MATH 327	Calculus III	4
MATH 443	Abstract Algebra	3

YEAR 4

FALL	COURSE TITLE	CREDITS
MATH 499	Capstone	3

*MATH 230 is offered every semester, so can be taken any semester.

**CIS 211 is offered every spring, and is recommended for freshman or sophomore year. It is best if taken before MATH 340 Probability.