First and Second Year Advising
Academic Plan for **Mathematics BS**
College of Arts and Sciences

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Math students must complete this list of University Core areas:

Artistic Knowledge (1 course/3 credit hours)
Ethics (1 course/3 credit hours)
Historical Knowledge (2 courses/6 credit hours)
Literary Knowledge (2 courses/6 credit hours)
Philosophical Knowledge (2 course/6 credit hours)
Scientific Literacy (2 courses/6 credit hours)
Societal Knowledge (2 courses/6 credit hours)
Theological Knowledge (2 courses/6 credit hours)
Writing Seminar (1 course/3 credit hours)

Study Abroad Math majors have flexibility in when they can study abroad. Students may take University Core and up to two major courses while abroad.

LOYOLA UNIVERSITY CHICAGO
Preparing people to lead extraordinary lives

121 Total Credit Hours

	FIRST YEAR	SECOND YEAR	THIRD YEAR	FOURTH YEAR
FALL	MATH 118 Pre-Calculus II UCWR 110 Writing Seminar CORE CORE Language 101 UNIV 101 First-Year Seminar (1 credit)	MATH 162 Calculus II (4 credits) MATH 201 Discrete Math & Number Theory Writing Intensive Course CORE CORE	MATH 264 Ordinary Differential Equations MATH 313 Abstract Algebra Advanced Algebra Course CORE CORE	300-level Major Elective Engaged Learning Course CORE General Elective General Elective
SPRING	MATH 161 Calculus I (4 credits) CORE CORE CORE Language 102	Computer Science Course MATH 212 Linear Algebra MATH 263 Multivariable Calculus (4 credits) CORE CORE	MATH 304/STAT 304 Intro to Probability MATH 351 Intro to Real Analysis Writing Intensive Course CORE CORE	Advanced Analysis Course 300-level Major Elective General Elective General Elective