MATHEMATICS

COLLEGE OF ARTS & SCIENCES

ABOUT THE MAJOR

This major provides a well-rounded foundation in pure and applied math, strengthened by core and advanced courses in mathematics and science. The Loyola Science Center fosters collaboration between Mathematics and science programs, enhancing interdisciplinary learning.

CONTACT US

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admissions.scranton.edu/math

OUTCOMES & OPPORTUNITIES

- Math majors gain real-world experience through internships and the Faculty-Student Research Program, applying their skills in hands-on projects.
- Graduates have pursued advanced degrees at top institutions nationwide, including Boston University, Georgetown, UC, Penn, Wharton, and Yale.
- Graduates pursue careers in academia, private industry, and non-profits, excelling in military service, finance, and economic analysis. Alumni have held roles such as Navy officer, portfolio manager, economic analyst, actuarial associate, and financial analyst.

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THE UNIVERSITY *of* SCRANTON

MATHEMATICS

120 Credits

LEARN MORE!

1st Year: FALL

COURSE#	COURSE TITLE	CREDITS
MATH 114	Calculus I	3
COGNATE ELECT	Cognate Elective	3
Level I Digital Technology or **Level I Oral Communication**		3
PHIL 120	Introduction to Philosophy	3
HUMN ELECT	Humanities Elective	3
First Year Seminar		0
	Total Credits: **16**	

1st Year: SPRING

COURSE#	COURSE TITLE	CREDITS
MATH 221	Calculus II	3
FREE ELECT	Free Elective	3
WRTG 107	Composition	3
T/RS 121	Theology I: Introduction to the Bible	3
HUMN ELECT	Humanities Elective	3
First Year Seminar		0
	Total Credits: **16**	

2nd Year: FALL

COURSE#	COURSE TITLE	CREDITS
MATH 222	Calculus III	4
COGNATE ELECT	Cognate Elective	4
PHIL 210	Ethics	3
FREE ELECT	Free Elective	3
	Total Credits: **14**	

2nd Year: SPRING

COURSE#	COURSE TITLE	CREDITS
MATH 299	Introduction to Mathematical Proof	4
MATH 351	Linear Algebra	3
COGNATE ELECT	Cognate Elective	4
T/RS 122	Theology II: Introduction to Christian Theology	3
	Total Credits: **14**	

3rd Year: FALL

COURSE#	COURSE TITLE	CREDITS
MATH 446	Real Analysis I	3
MATH 448	Modern Algebra I	3
NSCI ELECT	Natural Science Elective	3
HUMN ELECT	Humanities Elective	3
S/BH ELECT	Social/Behavioral Elective	3
	Total Credits: **15**	

3rd Year: SPRING

COURSE#	COURSE TITLE	CREDITS
MAJOR ELECT	Major Elective	3
MAJOR ELECT	Major Elective	3
NSCI ELECT	Natural Science Elective	3
HUMN ELECT	Humanities Elective	3
S/BH ELECT	Social/Behavioral Elective	3
	Total Credits: **15**	

4th Year: FALL

COURSE#	COURSE TITLE	CREDITS
MATH ELECT	Mathematics Electives	9
FREE ELECT	Free Electives	6
	Total Credits: **15**	

4th Year: SPRING

COURSE#	COURSE TITLE	CREDITS
MATH ELECT	Mathematics Electives	6
PHIL ELECT or **T/RS ELECT**	Philosophy Elective or Theology Elective	3
FREE ELECT	Free Electives	6
	Total Credits: **15**	

This is a sample curriculum. Please refer to the Undergraduate Catalog at **scranton.edu/catalog**.

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