

# MATHEMATICS - EDUCATION TRACK (BS)

This rigorous course of study in mathematics either coupled with a Major in Secondary Education (<https://catalog.luc.edu/undergraduate/education/secondary-education-bsed/>) or followed by a Master's Degree in Education (<https://catalog.luc.edu/undergraduate/education/>) prepares students for a career in teaching secondary school mathematics.

## Curriculum

Code	Title	Hours
<b>Education Course Requirements</b>		
TLSC 300A	Professional Learning Communities	0
TLSC 110	The Profession and Our Program (TLLSC)	1
TLSC 120	Bringing Language, Learning & Development Theory into Practice	2
TLSC 130	Sequence One: 130 Community Immersion	1
TLSC 300B	Professional Learning Communities	1
TLSC 140	Teaching, Learning and Leading for Social Justice	1
TLSC 150	Constructive Learning Environments For Diverse Students	1
TLSC 160	Analyzing Culturally-Responsive Classroom Instruction	1
<b>Mathematics Course Requirements</b>		
MATH 161	Calculus I	4
MATH 162	Calculus II	4
MATH 263	Multivariable Calculus	4
Select one of the following:		3
MATH 215	Object-Oriented Programming with Mathematics	
COMP 170	Introduction to Object-Oriented Programming	
MATH 212	Linear Algebra	3
MATH 201	Introduction to Discrete Mathematics & Number Theory	3
STAT 203	Introduction to Probability & Statistics	3
or STAT 335	Introduction to Biostatistics	
MATH 301	History of Mathematics	3
MATH 313	Abstract Algebra	3
MATH 318	Combinatorics	3
MATH 360	Introduction to Game Theory	3
MATH 344	Geometry	3
<b>Total Hours</b>		<b>47</b>

**Note:** 47 total credit hours (39 - Math, 8 - Education). This degree has a waiver for the Quantitative core.

## College of Arts and Sciences Graduation Requirements

All Undergraduate students in the College of Arts and Sciences are required to take two Writing Intensive courses (6 credit hours) as well as complete a foreign language requirement at 102-level or higher (3 credit hours) or a language competency test. More information can be found here (<https://www.luc.edu/cas/college-requirements/>).

## Additional Undergraduate Graduation Requirements

All Undergraduate students are required to complete the University Core, at least one Engaged Learning course, and UNIV 101. SCPS students are not required to take UNIV 101. Nursing students in the Accelerated BSN program are not required to take core or UNIV 101. You can find more information in the University Requirements (<https://catalog.luc.edu/undergraduate/university-requirements/>) area.