



SAINT LOUIS
UNIVERSITY™

Undergraduate Pathway in Mathematics and Statistics

An INTO Saint Louis University Undergraduate Pathway in Mathematics and Statistics will prepare you to enter a bachelor's degree program in Mathematics or Biostatistics at Saint Louis University.

Students who study mathematics learn how to use reason and logic to solve problems involving numbers, structures and change. SLU's program in mathematics is based on a strong liberal arts foundation, which makes our graduates attractive to future employers.

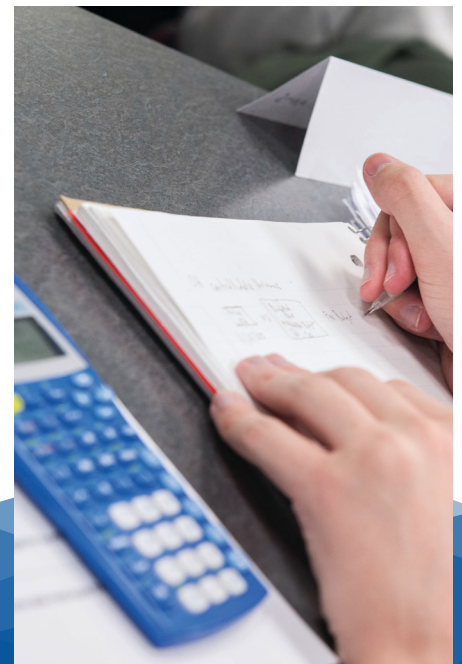
A background in the mathematical sciences is useful for a wide variety of careers, including:

- Academia and Teaching
- Actuarial Science and Accounting
- Business Management
- Computing
- Engineering
- Investment Analysis
- Law
- Medicine and Life Sciences
- Military and Public Service
- Physical Science
- Sales and Marketing

Students can choose to do a B.A. or a B.S. and can tailor their program of study to place an emphasis on statistics with either option. The curriculum also has room for students to customize their degrees by adding a second major or concentration.

Students who choose to major in mathematics at SLU benefit from a program that allows faculty to get to know them well and give individual advice. They have the opportunity to connect with other mathematics and statistics students through an active departmental club and may be recruited for participation in various state-wide, national, or international mathematics competitions.

Saint Louis University's undergraduate major in biostatistics teaches students to manage, analyze and interpret biological and health science data. They will explore the principles of mathematics, computer programming, statistics and public health as you learn how the field of biostatistics helps improve the health of communities.





Mathematics and Statistics

2-Semester Pathway	Degree Program Components	Program Information
Fall: August 21, 2017 Spring: January 11, 2018	120 credit hour program 21 credit hours apply from Pathway 99 credit hours remaining toward degree	

Entry Requirements	Semester 1	Course Title	Credit Hours	Progression Requirements	
<ul style="list-style-type: none"> Secondary/high school degree or equivalent 2.75 minimum GPA on a 4.0 scale Language requirement: <ul style="list-style-type: none"> TOEFL iBT 60 (13 subscores in reading and writing) or IELTS 5.5 (5.0 subscores in reading and writing) or Password 6 or PTEA 44 or Completion of AE Level 5 	EAP 1000	Academic Writing and Editing Skills I	3	<ul style="list-style-type: none"> Minimum 2.5 cumulative SLU GPA Grade of B or better in all classes counting toward major No C-/D/F/W/I/P/NP/S/U grades <p>Notes These courses are generally delivered through the INTO SLU Center and are for Pathway students only.</p>	
	EAP 1020	Academic Reading and Study Skills I	3		
	EAP 1030	Presentation and Speaking Skills	1		
	MATH 1510	Calculus I or higher	4		
	POLS 1000 or	Introduction to Politics or	3		
	POLS 1600 or	Introduction to International Politics or			
	THEO 1000	Theological Foundations			
	EAP 1010	Recitation I	1		
	UNIV 1010	University 101: Enhancing First-Year Success	1		
	Total				16
	Semester 2	Course Title	Credit Hours		
	EAP 1200	Academic Writing and Editing Skills II	3		
	EAP 1220	Academic Reading and Study Skills II	3		
	MATH 1520	Calculus II or higher	4		
FPA 1000 or	Introduction to the Arts or	3			
SOC 1100 or	Introduction to Sociology or				
WGST 1900	Introduction to Women's and Gender Studies				
EAP 1210	Recitation II	1			
Total			14		

1-Semester Pathway	Degree Program Components
Fall: August 21, 2017 Spring: January 11, 2018	120 credit hour program 13 credit hours apply from Pathway 107 credit hours remaining toward degree

Entry Requirements	Semester 1	Course Title	Credit Hours
<ul style="list-style-type: none"> Secondary/high school degree or equivalent 2.75 minimum GPA on a 4.0 scale Language requirement: <ul style="list-style-type: none"> TOEFL iBT 75 (17+ subscores in reading and writing) or IELTS 6.0 (5.5+ subscores in reading and writing) or Password 6.5 or PTEA 54 	EAP 1200	Academic Writing and Editing Skills II	3
	EAP 1220	Academic Reading and Study Skills II	3
	MATH 1510	Calculus I or higher	3
		General Elective	3
	EAP 1210	Recitation II	1
	UNIV 1010	University 101: Enhancing First-Year Success	1
	Total		

slu.edu/college-of-arts-and-sciences-home

54% of undergraduate classes have fewer than 20 students

92% of graduates are employed in a job related to their major within six months

#96 in the National University Rankings
(U.S. News & World Report)