

Undergraduate Pathway in Computer Science

What is Computer Science?

Computer science encompasses a broad range of theory and applications. With an emphasis on problem-solving skills, computer science is an excellent major for students going into many fields, including technology, business, medicine and law.

The department of computer science at Saint Louis University offers a Bachelor of Arts and a Bachelor of Science in computer science. The B.A. curriculum includes a broad liberal arts study and can be combined with a second

major or minor in fields such as art, criminal science or psychology. The B.S. is designed for students who want a greater technical depth of study, and it can be paired with other science, mathematics and engineering programs.

Computer science courses are taught in small sections to allow for the best dialogue between the instructor and the students. Courses are taught in computer classrooms, emphasize practice as well as theory and often involve substantial group work.

Why Choose this program?

- We offer students a choice of engaging introductory courses, allowing them to better connect the application of computer science to their own interests.
- Most courses are taught in computer labs to allow for hands-on learning and with small class sizes that allow for rich student-faculty interactions.
- Our position within the College of Arts and Sciences allows students to see the impact and application of computing throughout society.

Computer Science			
2-Semester Pathway	Degree Program Components		Program Information
Fall: August 21, 2017 Spring: January 11, 2018	120 credit hour program 24 credit hours apply from Pathway 96 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 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
	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
	CSCI 1000-1099	Introduction to Computer Science	3
	FPA 1000	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		17
1-Semester Pathway	Degree Program Components		
Fall: August 21, 2017 Spring: January 11, 2018	120 credit hour program 16-17 credit hours apply from Pathway 103-104 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 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	4
	CSCI 1000-1099	Introduction to Computer Science	3
		General Elective	3
	EAP 1210	Recitation II	1
	UNIV 1010	University 101: Enhancing First-Year Success	1
	Total		18

- Progression Requirements**
- Minimum 2.7 cumulative SLU GPA
 - Grade of B or better in all classes counting toward major
 - No C-/D/F/W/I/P/INP/S/U grades
- Notes**
These courses are generally delivered through the INTO SLU Center and are for Pathway students only.