COMPUTER SCIENCE, MINOR

Why Take This Minor?

Students who pursue Computer Science enjoy programming (writing code) and the software side of computing. Graduates pursue careers as software developers, computer analysts, systems engineers, and web developers. The minor in computer science introduces students to the foundational courses in the field usually encountered during the first two years of study.

Required for Graduation

- Courses
  - 6
- Credits
  - 21

Requirements

Code	Title	Credits
CSC 230	Programming Concepts and User Interfaces	4
CSC 240	Database Management Systems	3
CSC 280	Object Programming	4
CSC 290	Introduction to Data Structures and Algorithms	4
CSIT 220	Data Communication	3
One CSC elective, 300-level or higher		3
Total Credits		**21**

Choices for Computer Science

Code	Title	Credits
CSC 301	Computer Architecture	3
CSC 340	.Net Programming	3
CSC 341	Open-Source Application Development	3
CSC 343	Client-Side Scripting	3
CSC 349	Mobile Computing	3
CSC 366	Language Theory and Design	3
CSC 370	Selected Topics in Computer Science	3-4
CSC 371	Selected Topics in Computer Science	3
CSC 372	Selected Topics in Computer Science	3
CSC 373	Selected Topics in Computer Science	3
CSC 374	Selected Topics in Computer Science	3
CSC 375	Selected Topics in Computer Science	3
CSC 376	Selected Topics in Computer Science	3
CSC 377	Selected Topics in Computer Science	3
CSC 378	Selected Topics in Computer Science	1
CSC 379	Selected Topics in Computer Science	1
CSC 381	Software Engineering	3
CSC 444	Research in CSC I	1-3
CSC 445	Research in CSC II	1-3
CSC 446	Data Mining	3
CSC 456	Artificial Intelligence	3
CSC 457	Operating Systems	3
CSC 460	Internship	3
CSC 464	Theory of Algorithms	3
CSC 470	Selected Topics in Computer Science	3
CSC 471	Selected Topics in Computer Science	3
CSC 472	Selected Topics in Computer Science	3
CSC 473	Selected Topics in Computer Science	3
CSC 474	Selected Topics in Computer Science	3
CSC 475	Selected Topics in Computer Science	3
CSC 476	Selected Topics in Computer Science	3
CSC 481	Project Implementation	3

Recommended Course Sequence

Course	Title	Credits
Second Year		
First Semester		
CSC 230	Programming Concepts and User Interfaces	4
	Credits	**4**
Second Semester		
CSC 280	Object Programming	4
	Credits	**4**
Third Year		
First Semester		
CSC 290	Introduction to Data Structures and Algorithms	4
	Credits	**4**
Second Semester		
CSC 240	Database Management Systems	3
	Credits	**3**
Fourth Year		
First Semester		
Select one of the following:		3
CSIT 220	Data Communication	
CSC Elective		
	Credits	**3**
Second Semester		
Select one of the following:		3
CSIT 220	Data Communication	
CSC Elective		
	Credits	**3**
	Total Credits	**21**

Course Descriptions

All course descriptions may be found in the main menu under Undergraduate > Courses: A-Z (https://catalog.lasalle.edu/undergraduate/courses-az/).