

# B.S. Major in Computer Science

The course requirements and offerings for this academic program will likely be updated in future catalogs.

The **B.S. major in Computer Science** requires a minimum of 53 semester hours:

Code	Title	Semester Hours
Required courses:		
CSCI 171	Introduction to Programming <sup>1</sup>	4.0
CSCI 182	Intro to Data Structures	4.0
CSCI 220	Programming Languages <sup>2</sup>	4.0
CSCI 240	Object-Oriented Programming	4.0
CSCI 263	Computer Software Architecture	3.0
CSCI 421	Computer Issues Seminar	3.0
ENGR 262	Computer Hardware Architecture	5.0
At least 3 semester hours from:		3.0
MATH 181	Calculus I	
MATH 273	Linear Algebra	
At least 23 additional semester hours from:		23.0
CSCI courses at the 300 level or above		
MATH 181	Calculus I <sup>3</sup>	
MATH 261	Discrete Math <sup>4</sup>	
MATH 273	Linear Algebra <sup>3</sup>	
Optional Internship:		0.0-1.0
CSCI 202	Internship	
<b>Total Semester Hours</b>		<b>53.0-54.0</b>

<sup>1</sup> In the case where a student places into CSCI 181 in lieu of CSCI 171, the minimum SH required will be two fewer (51 SH).

<sup>2</sup> A minimum grade of C or higher is required in both CSCI 171/181 and CSCI 182 for admission to CSCI 220 and any higher numbered CSCI course except CSCI 421.

<sup>3</sup> Only if not used to satisfy other major requirements.

<sup>4</sup> Note that a prerequisite of MATH 143 is required for this course.

Note: A cumulative average of 2.0 or higher in all required courses is necessary to complete the major.