Computer Science Minor

Program Description

The Computer Science Minor is designed to provide basic proficiency in computer science. The requirements focus on programming methodology and skills, software development, relevant mathematical skills, structure techniques, and basic computer science concepts such as computer organizations and architecture, design and analysis of algorithms, data communications, operating systems, and security.

Students may need to take MATH 1113, MATH 1190, and (MATH 2345 or CSE 2300) in order to satisfy prerequisites for CS courses. Students must earn a grade of "B" or higher in CSE 1321, CSE 1321L, CSE 1322, and CSE 1322L, and a grade of "C" or higher in all remaining courses for the minor. Completing these requirements provides a strong foundation in computer science.

Students who take recommended courses as minor electives will be able to enter into Master of Science in Computer Science (MSCS) at KSU without taking any additional fundamental courses.

This program is a part of the College of Computing and Software Engineering.

Admission, Enrollment, and Graduation Policies

Admission Requirements
This program does not have specific admission requirements and only Admissions to Kennesaw State University is required.

Graduation Requirements
Each student is expected to meet the requirements outlined in the Academic Policies: 5.0 PROGRAM REQUIREMENTS & GRADUATION.

Program Course Requirements

Required Courses (11 Credit Hours)

- CSE 1321: Programming and Problem Solving I
- CSE 1321L: Programming and Problem Solving I Laboratory
- CSE 1322: Programming and Problem Solving II
- CSE 1322L: Programming and Problem Solving II Laboratory

- CS 3305: Data Structures

Upper Division Electives (6 Credit Hours)

Please select two additional CS 3000-level and/or 4000-level courses.

Recommended Elective Courses for students aiming for the Computer Science, MS at KSU:

- CS 3503: Computer Organization and Architecture
- CS 4306: Algorithm Analysis

Program Total (17 Credit Hours)