

University of West Florida College of Arts & Sciences Division of Computer Science

Computer Science – Software Engineering Specialization, M.S

Students entering the SE specialization may have an undergraduate degree in a computing related field but may also come from other disciplines. A graduate of this specialization will be prepared to plan, configure, implement, and maintain high-quality computing systems. In addition to programming skills, he/she will learn about communication with users, developing requirements, conducting analysis and design for software systems, testing, deploying software, leading software development teams, and managing the whole Software Engineering process for large-scale, complex systems that meet client needs in diverse application domains.

This flexible program consists of a small core that includes 8 hours of courses in Software Engineering process, practice, and tools, 18 hours of major related electives, and 6 hours of computer science project or thesis. Representative electives include Software Design, Software Testing and Verification, Advanced Database Systems, Data Mining, and Advanced Topics in Computer Science and Engineering. This program is 100% online and includes the following:

Software Engineering Specialization

CEN 6016 Software Engineering Process
CEN 6095 Software Engineering Practice and Tools
6000 level advisor approved elective
5000/6000 level advisor approved electives

Choose one:

CIS 6971 Thesis: Course offered 1-6 sh per semester
COT 6931 Computer Science Project

Point of contact: Dr. Laura J. White, lwhite@uwf.edu or (850) 474-3017.

To learn more about UWF and how to get started in this exciting program visit the following links:

Accreditation: The University of West Florida is accredited by the Commission on Colleges of the Southern Association of Colleges and Schools (SACS).

Admission: <http://onlinecampus.uwf.edu/getstarted/apply.cfm>. Deadlines for Applications and Supporting Documents: Fall Semester – June 30th; Spring Semester – November 1st; Summer Semester – April 1st. If you would like to begin online courses before the formal degree application process is concluded, please complete and submit the: [Non-Degree Student Documentation](#).

Tuition: <http://onlinecampus.uwf.edu/affordable/tuition.cfm>. Non-Florida residents are eligible for an Out-of-State tuition waiver upon request. [Out-of-State Tuition Fee Waiver Form](#).

Financial Aid: <http://onlinecampus.uwf.edu/getstarted/financialaid.cfm>.

Video Visit the UWF Campus: <http://youtube.com/watch?v=0XX9JnM5njw>