

Software Development, B.S.

Mission Statement

The mission of the Department of Computer Science is to provide a high-quality, student-oriented educational experience to our undergraduate and graduate students. The department prepares students for successful computing careers by empowering them with the knowledge and skills to contribute responsibly and creatively to a complex and ever-changing world, and to continue professional development and life-long learning.

Student Learning Outcomes

Specialization SLOs must address each of the following domains:

Content

- Identify, analyze, and employ computing concepts and methods in the design, implementation, and evaluation of software.

Critical Thinking

- Employ computing strategies to analyze and solve problems.

Communication

- Communicate effectively in a variety of professional contexts.

Integrity/Values

- Recognize professional responsibilities and make informed judgments in computing practice, taking into account legal, ethical, diversity, equity, inclusion, and accessibility principles consistent with the mission of the institution.

Project Management

- Function effectively as a member or leader of a team engaged in activities appropriate to the program's discipline.

Assessment of Student Learning Outcomes

The program will be assessed annually through a rotating model of assessing one of the four Student Learning Outcome (SLO) per year, completing the program assessment within four years. An Assessment Committee will develop an assessment plan for each year to select the SLO and the corresponding courses that are being assessed. The course coordinators for assessed courses will be charged with developing the instrument for assessment and collecting and submitting the assessment data to the Assessment Committee at the end of the semester for review and to make recommendations for program improvements to the entire faculty.

Job Prospects

The demand for professionals with IT and software development skills is continuously growing. Students completing the degree will have a wide range of career opportunities including Software Developer, Applications Programmer, Database Administrator, Network Administrator, Web Architect, and more.

Find out more about Software development at UWF:

<https://uwf.edu/programs/hmcse/software-design-development-bs/>