

Program Overview

DeVry's Bachelor of Science in Software Development (BSD) is designed to provide students with techniques and tools needed to systematically create software products used in many applications. Contemporary techniques and tools are applied to meet specified criteria. Knowledge of computing and mathematics appropriate to developing software products is employed. Coursework also addresses professional, security, social and ethics issues and responsibilities associated with developing and using software systems. The program offers focused areas of study as shown in the program outline.

Program Educational Objectives

Program educational objectives (PEOs) are broad statements that describe what graduates are expected to attain within a few years after graduation. PEOs are based on the needs of the program's constituencies and are a requirement of CAC of ABET accreditation. BSD PEOs are:

- Support the successful practice of design, development and testing of software.
- Communicate and collaborate effectively with individuals or teams.
- Exercise critical and systemic thinking and ethical responsibility in finding solutions to professional challenges.
- Contribute to society through a chosen field.
- Continually keep abreast of developments in technology and society.

Student Outcomes

Student outcomes are the skills and abilities students are expected to demonstrate at graduation. These outcomes map directly to the current Student Outcome Criteria prescribed by the CAC of ABET. Student outcomes for the BSD program are:

- Analyze a complex computing problem and to apply principles of computing and other relevant disciplines to identify solutions.
- Design, implement, and evaluate a computing-based solution to meet a given set of computing requirements in the context of the program's discipline.
- Communicate effectively in a variety of professional contexts.
- Recognize professional responsibilities and make informed judgments in computing practice based on legal and ethical principles.
- Function effectively as a member or leader of a team engaged in activities appropriate to the program's discipline.

BSD Program Details

Degree: Bachelor of Science in Software Development

Semesters: 8 full time

Minimum credit hours required for graduation: 120

Enrollment and Graduation Data

	ENROLLMENT	GRADUATION		
BSD Program	Fall 2023	2021-2022	2022-2023	2023-2024
Main Campus (Lisle, IL) and all other U.S. locations	628	31	53	83