

Assessment Summary – BS in Computer Science

The Computer Science program has six Student Outcomes (SOs) which correspond to the six student outcomes that are identified in the ABET Computing Accreditation Commission documents. For each of these outcomes, two or three Performance Indicators have been identified. Each of these Performance Indicators is a specific direct measure of some aspect of an outcome and corresponds to some specific graded activity in one or more advanced courses. Data are gathered from these activities within these courses on a regular basis to assess the outcomes. For capstone project courses, these assessments are done each time the course is taught, but for other courses, the assessments are done every three years. The Assessment Committee meets each semester to review individual course assessments and analyze the overall curriculum for changes needed to improve the program.

The Computer Science program has used observations from the assessment process to make the undergraduate degree program more flexible to allow students to tailor a program to meet their specific needs. In addition, the assessment process has generated information that is useful to identify changes needed in prerequisites and/or changes to courses to fill missing concepts. The improvements have worked to the extent that students show a greater satisfaction with the undergraduate degree programs and in understanding the interdependencies between courses in the curriculum.