

Assessment Summary – BS in Computer Science

The **Computer Science** program has eleven Student Learning Outcomes (SLOs) which correspond to the eleven program outcomes that are identified in its ABET Engineering Accreditation Commission documents. The assessment procedures include both direct and indirect measures. The number of assessed courses continues to ramp up as more advanced-level courses are added each year. Data are gathered each semester for all outcomes.

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. Recently, the department updated the Student Learning Outcomes to more closely align assessments with requirement of the new ABET Assessment Process. The department has completely automated the assessment gathering process so that data from individual instructors is entered into a secure database system. Different outcomes are assessed in different courses. The Assessment Committee meets to review individual course assessments and analyze the overall curriculum for changes needed to mesh the courses together in a cohesive whole.