

Department of Mathematical, Information and Computer Sciences

Bachelor of Science and Bachelor of Arts in Computer Science

National Standards	Program Review	Learning Outcomes	Where are learning outcomes published?	Assessment Measurement Tools	Criteria for Success	Data Collected Over Time Period	Findings from Data Collection	Resulting Program Changes
Association of Computing Machinery (ACM)	1999-2000 and 2003-2004	1. TEACH: Graduates will have a coherent and broad-based knowledge of their discipline.	Catalog, syllabi	ETS Major Field Test in Computer Science	At least 50% of our students would be above the 50 th percentile over all on the test.	Senior year beginning in 2002-03, yearly	2002-03, 2003-04, 2004-05 and 2005-06 at least 50% passed.	Adjustments made to curriculum based on ETS subscores
		2. SHAPE: Students will be prepared to give an oral technical presentation and a written summary of a topic in their field.	Catalog, syllabi	Oral presentation and written summary evaluated by jury using rubric	80% of the students pass in each major category of the rubric.	Senior Seminar beginning in 2003-04, yearly	2003-04 and 2004-05 over 80% passed. 2005-06 80% passed oral, less than 80% passed written.	Requirements for preparation of presentations and papers made more stringent. Work being done to enhance students' writing abilities.
		3. SEND: Graduates will be adequately prepared for entry into graduate school, teaching or jobs in their discipline.	Catalog, syllabi	Alumni Survey (given every five years)	Average response of 2 for each question (5-point scale)	1999, 2003 and every 5 years	Threshold exceeded.	Adjustments to curriculum to better prepare students for the changing demands of the profession