

## Department of Physics and Engineering

## Bachelor of Science and Bachelor of Arts in Physics

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
American Physical Society (APS)	2000-2001 and 2006-2007	<b>1. TEACH: Fundamental understanding of basic concepts and principles of physics</b>	Website	ETS Major Field Achievement Test	Top 1/3	2002-2006, annually (senior year)	2002-05 scores in 80th to 90th percentile	Use assessment data in the next program review
		<b>2. TEACH: Core literacy in the Physical Sciences and Mathematics</b>	Website	Survey alumni 2-3 years out using ETS Program Self-Assessment Service (PSAS)	Positive reponse on course and career agreement	2004, every 3 years	2004 alumni report good core preparation; poor facilities	Use assessment data in the next program review
		<b>3. SHAPE: Prepared for careers through extensive problem solving experiences</b>	Website	Survey alumni 2-3 years out using ETS Program Self-Assessment Service (PSAS)	Positive reponse on course and career agreement	2004, every 3 years	2004 alumni report good core preparation; poor facilities	Use assessment data in the next program review
		<b>4. SEND: Continue to post-graduate study</b>	Website	Survey of seniors to track admission to graduate or professional schools	One half (BA) and Two-thirds(BS) of graduates will continue on to post-graduate study	2001-2006, yearly	2001-05 20 out of 22 graduates (91%) have continued on to graduate school	Use assessment data in the next program review