



LAS UNDERGRADUATE ASSESMENT AND PROGRAM REVIEW

Department of Chemistry

Academic Year 2009

Program-initiated Goal of Objective	Where, When, and How Monitored	Expectation for Satisfactory Performance	Decision Point	Observations of Student Performance	When and By Whom Were Results Analyzed?	Outcome Analysis	Dept. or Program Follow-up
<p><u>CHEM 532 - Organic Chemistry II.</u> Students will know principles and applications of organic chemistry.</p>	<p>American Chemical Society examination given at end of semester. ACS Organic Chemistry 2004 examination.</p>	<p>Performance on nationally normed exam.</p>	<p>Students should fall in the ± 10 range of the national norm, or above.</p>	<p>Fall 2008: Out of 58 students 48.3% scored in range of ± 10 of the national norm; 10.3% above and 41.4% below. Spring 2009: Out of 35 students, 60% in range; 14% above; 26% below. Summer 2009: Out of 39 students 59% scored in range of ± 10 of the national norm; 8% above and 33% below.</p>	<p>Dr. Rillema analyzed all scores for the 2008-2009 academic year 8/31/09.</p>	<p>Fall 2008: Below. Spring 2009: Below. Summer 2009: Below.</p>	<p>Information will be shared annually with the appropriate subdivision. Monitor exam results annually.</p>
<p><u>CHEM 546 - Physical Chemistry I.</u> Students will know principles and applications of physical chemistry.</p>	<p>American Chemical Society examination given at end of semester. ACS Physical Chemistry (Quantum) Form</p>						