

Academic Program Assessment Form
Assessment Cycle: 2002-2003

Program: BA/Chemistry

Department Chair/Program Director: Ed Stevens

College: Sciences

Dean: Joe King

Goal	Goal 4.1. The department will achieve and maintain high student satisfaction with the chemistry program.
Measurable Objective	Objective 4.1. Student satisfaction deemed overall "good" or better on 80 percent student exit surveys for both fall and spring semesters.
Assessment Tool(s)	Student Satisfaction Survey
What was your population and what was your population size?	All majors; 50
What was your sample size?	50 majors
What was your sampling method? (e.g. random sample, convenience sample)	All majors were given surveys.
Actual Results Obtained (Observed findings: was the objective achieved?)	87.5% of students responding rated their satisfaction with the program as at least good so the objective was achieved.
Strategies to Meet This Objective in 2003-2004	<ol style="list-style-type: none"> 1. Survey results analyzed by Undergraduate Affairs Committee and discussed at faculty meeting. 2. Objective raised to 90 percent.

Program: BA/Chemistry 2002-2003

Goal	Goal 5.1. The department will increase student retention.
Measurable Objective	Objective 5.1. Achieve retention rate of those chemistry majors who have completed the freshman sequence to at least equal to the overall University retention rate for Spring 2003.
Assessment Tool(s)	Retention Rate
What was your population and what was your population size?	All majors; 50
What was your sample size?	25 majors
What was your sampling method? (e.g. random sample, convenience sample)	Convenience sample.
Actual Results Obtained (Observed findings: was the objective achieved?)	15 of 50 majors completed freshman sequence so the objective was not achieved.
Strategies to Meet This Objective in 2003-2004	<ol style="list-style-type: none">1. Work with Learning Resource Center2. Examine Chemistry Club tutoring3. Direct faculty teaching freshman courses to CELT.4. Offer recitation sections for freshman chemistry. Additional funding will be required to hire five additional TAs at a cost of \$15,000 per TA per year.

Program: BS/Chemistry 2002-2003

Goal	Goal 1.1. The department will provide high quality training in chemistry for undergraduate students.
Measurable Objective	Objective 1.1. Achieve knowledge of general chemistry equivalent to 60 th national percentile by the median of B.S. majors taking the ACS exam in Spring 2003.
Assessment Tool(s)	ACS (American Chemical Society) exam
Data: Include, as appropriate, population, sample size, method for selecting your sample, and the response rate.	10 of 40 B.S. majors were randomly selected and administered the exam.
Actual Results Obtained (Observed findings: was the objective achieved?)	Median percentile obtained by 10 majors taking the exam was the 55 th percentile, so the objective was not obtained.
Strategies to Meet This Objective in 2003-2004	<ol style="list-style-type: none">1. Results analyzed by Undergraduate Affairs Committee and reported to faculty.2. Revise curriculum to address areas identified as below average on ACS exam.3. Direct faculty teaching senior-level courses to CELT.