

Degree Program Student Learning Outcomes 2006-2007

Bennett College for Women

Division Name		Academic Year		
Natural and Behavioral Sciences/Mathematics		2006-2007		
Degree Program Name		Degree Level		
Biology (Non-teaching)		B.S.		
Mission of Degree Program The mission of the Biology Department is to produce top-quality biology graduates prepared for graduate and professional schools and careers in the biological sciences by promoting excellence in scholarship, research, leadership, and public service.				
Student Learning Outcomes	Assessment Methods	Expected Results	Actual Results 2006-2007	Use of Results 2007-2008
1. The student will demonstrate basic knowledge in Cell Biology, Molecular Biology and Genetics, Organismal Biology, Population Biology, Evolution and Ecology and will successfully complete all courses required for the Biology major.	1.1 Student performance on the ETS Major Field Test in biology will be evaluated for each sub-category: Cell Biology, Molecular Biology, Genetics, Organismal Biology, Population Biology, Evolution and Ecology. 1.2 Academic Advisors will examine average grades for all biology courses which reflect evaluative techniques used by professors such as performance on projects, reports, objective, identification and oral tests, research papers and reading assignments. 1.3 Academic Advisors will assess individual CRAs to document successful completion of courses required for the major with a grade of "C" or better.	90% of students taking the ETS Major Field Test in Biology will pass satisfactorily. Trends in average grades in all required courses will be monitored each semester and steps taken to revise those courses where 70 – 100% of all majors do not receive a "C" or better. Academic advisors will monitor CRAs and meet with students who are not completing the courses or not graduating in a timely manner.		

2. Faculty will infuse the use of information technology into their teaching and students will infuse the use of information technology into their learning.

2.1 Faculty will require and monitor the use of the internet, computer-assisted instruction, and computer tutorials to facilitate learning. The usage will be included in computing the overall student grade.

2.2 Faculty will use LCD projectors, PowerPoint presentations, and computer assisted instruction materials in their teaching and assignments.

100% of the students and faculty will successfully use information technology in their classrooms as demonstrated by assignments logged in computer laboratory or turned in to the instructor on disks, and number of faculty using PowerPoint, computer-assisted assignments, and other technology.

3. Students will take advantage of opportunities for experiential learning.

3.1 Students will use the "Internship File" located in the Science Division office. The number of students using the "Internship File" will be recorded by the Division secretary and reported to the Department Chairman.

3.2 Students will apply to and attend summer experiential learning opportunities. The number of students applying for summer programs will be recorded and monitored by the Biology Department.

3.3 The number of students attending Summer Internship Forum and other career exploration opportunities will be recorded by the Department Chairman.

3.4 The Biology Department will invite visiting scientists to present research seminars. Student participation in these seminars will be recorded.

All majors will access the "Internship File".

At least 50% of majors will apply to and attend a summer experiential learning opportunity.

All faculty will assist students in the application process and record the number of recommendations sent for each student.

All juniors and seniors will attend the Summer Internship Forum or other career exploration opportunities.

All majors will attend at least two research seminars or other presentations by visiting scientists.

All students participating in summer research internships will present their research at a conference or a seminar.

<p>4. Students will attend professional meetings.</p>	<p>4.1 Faculty will record the number of majors attending professional meetings or conferences.</p> <p>4.2 All students majoring in Biology will present their experiential learning research at a professional meeting or conference.</p> <p>4.3. Faculty will assist students in their professional presentations and record the number of students presenting papers or posters.</p>	<p>100% faculty will utilize the campus e-mail listserve to advertise upcoming meetings and conferences. All such meetings and conferences will also be posted on the Biology Department bulletin boards.</p> <p>All faculty will announce professional meetings and conferences in their classes.</p> <p>75% of majors will attend at least one professional meeting or conference during the academic year.</p>	
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