

Program or Department Mission:

The mission of the Biotechnology Program is twofold: first, we are committed to educate students in the principle tenets of Biotechnology through structured inquiry and opportunities for individualized experiential learning. Second, we are committed to teaching ethical behavior in experimental design and practice to all of our students. The Program strives to provide the best educational opportunities possible for students to attain their academic goals and to facilitate faculty in scholarship in an atmosphere that encourages free exchange of ideas.

Plan		Report	
Intended goals, outcomes, or objectives	Means of Assessment & Criteria for Success	Summary & Analysis of Assessment Evidence	Use of Results
Demonstrate a knowledge of cellular biology.	<p>First means of assessment: In the Molecular Evolution & Bioinformatics class, students take the national exam, MFAT. The students scores for the cellular biology sections of the MFAT will be used for assessment.</p> <p>Specifically ,</p> <ul style="list-style-type: none"> -30% of the students will score in the 75th percentile or better. -50 % of the students will score in the 60th percentile or better. -60% of the students will score in the 50th percentile or better. <p>Second means of assessment: The average MCAT score for the Biotechnology majors will be above the national average.</p>		

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Demonstrate a knowledge of molecular genetics and principles of inheritance.	<p>First means of assessment: In the Molecular Evolution & Bioinformatics class students take the national exam, MFAT. The students scores for molecular biology and genetics sections of the MFAT will be used for assessment.</p> <p>Specifically ,</p> <ul style="list-style-type: none"> -30% of the students will score in the 75th percentile or better. -50 % of the students will score in the 60th percentile or better. -60% of the students will score in the 50th percentile or better. <p>Second means of assessment: The average MCAT score for the Biotechnology majors will be above the national average.</p>		
Biotechnology graduates applying for employment will get positions in biotechnology companies.	<p>First means of assessment: 85% of students successfully completing a Bachelors of Science Degree in Biotechnology who are applying for employment will find positions.</p> <p>Second means of assessment: 80% of students successfully completing a Bachelors of Science Degree in Biotechnology and obtained employment will receive positive post one-year evaluations</p>		

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	<p>from their employers.</p> <p>Third means of assessment: Portfolio -60% of the students who successfully graduate with a B.S. degree in biotechnology will earn a good or excellent rating on 70% of the designated procedures learned in the BTECH program. -75% of the students who successfully graduate with a B.S. degree in biotechnology will earn a competent or better in 80% of the designated procedures learned in the BTECH program.</p>		
<p>Biotechnology graduates applying to post-graduate studies will be accepted into graduate, medical or dental schools.</p>	<p>First means of assessment: 85% of students successfully completing a Bachelors of Science Degree in biotechnology and apply to graduate schools will be accepted.</p> <p>Second means of assessment: 60% of UVU students successful in pursuing a Bachelors of Science Degree in biotechnology and apply to medical schools will be accepted for matriculation.</p> <p>Third means of assessment: 60% of UVU students successful in pursuing a Bachelors of Science Degree in biotechnology and apply to dental schools will be</p>		

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	accepted for matriculation.		
Plan submission date: December 15, 2008 Submitted by: Heather Wilson-Ashworth		Report submission date: Submitted by:	