

# Assessment: Course Four Column



## Courses (SCI) - Biology

### BIOL 305: Intro Conservation Biology

<i>Course Outcomes</i>	<i>Assessment Measures</i>	<i>Results</i>	<i>Actions</i>
<p><b>Scientific methodologies used in Conservation Biology</b> - Demonstrate an understanding of the scientific methodologies used in Conservation Biology  <b>Course Outcome Status:</b> Active  <b>Next Assessment:</b> 2023-2024</p>	<p><b>Exam</b> - Aggregate exam scores  <b>Criterion:</b> Average score greater than 70%</p>	<p><b>Reporting Period:</b> 2018-2019  <b>Criterion Met:</b> Yes                      Average exam score was 88%</p> <p>Results Analysis:</p> <p>See notes below (09/17/2019)</p>	<p><b>Action:</b> None required (09/17/2019)</p>
<p><b>Effectively interpret and apply scientific principles and concepts</b> - Effectively interpret and apply scientific principles and concepts  <b>Course Outcome Status:</b> Active  <b>Next Assessment:</b> 2023-2024</p>	<p><b>Exam</b> - Aggregate exam scores  <b>Criterion:</b> Average score greater than 70%</p>	<p><b>Reporting Period:</b> 2018-2019  <b>Criterion Met:</b> Yes                      Average exam score was 88% (09/17/2019)</p>	
<p><b>Scientific reasoning to the evaluation, analysis, or interpretation of models and theories</b> - Apply scientific reasoning to the evaluation, analysis, or interpretation of models and theories developed in Conservation Biology  <b>Course Outcome Status:</b> Active  <b>Next Assessment:</b> 2023-2024</p>	<p><b>Assignment - Written</b> - Case study report  <b>Criterion:</b> Average score greater than 70%</p>	<p><b>Reporting Period:</b> 2018-2019  <b>Criterion Met:</b> Yes                      Average Case study score was 90% (09/17/2019)</p>	<p><b>Action:</b> Not having taught Conservation Biology before, I was interested to see how both I and the students would respond to this subject. As would be expected for the first pass through a course, it was a bit “bumpy” in that I was often scrambling to put the material together and to create appropriate assignments and exams. I took a “let’s throw it against the wall and see what sticks” approach. Some things did</p>

<i>Course Outcomes</i>	<i>Assessment Measures</i>	<i>Results</i>	<i>Actions</i>
			<p>not “stick.” While aggregate test scores and the case study all indicated success, there was much room for improvement and I will be taking steps to improve this course.</p> <p>The exams were a mixture of in class multiple choice and take home essay. The scores on the multiple choice exam were quite low, with an average of 66%, although the high score was a 95%. These multiple choice questions were developed by myself, as there is no accompanying test bank to go with the text. Clearly, I could have done better. Subsequent take home essay and short answer did much better with class averages of 86 and 96%. I believe this subject material lends itself to written responses. In the future I will be modifying and improving the exams.</p> <p>The final written project, the student case study, had a much higher average, 90% and was arguably a better measure of cumulative learning. This semester it accounted for a relatively small part of their overall grade. In the future it will be a more substantive component of the final grade. (09/17/2019)</p>