

Anatomy & Physiology Course Assessment- As reported in the Biology Program Review

<p>Prior Review Update Describe any quality improvements or modifications made since the last review period.</p>	<p>The course objectives in BIOL 2714 Microbiology were examined and modified by Biology faculty in collaborate with their colleagues in Health Careers to ensure students were receiving instruction on materials that would improve their success in their intended programs.</p> <p>In response to low success rates and average course grades in Intro to A&P and A&P I, the college hired an embedded tutor to attend these course lectures and labs and provide students with opportunities for 1:1 and group tutoring.</p>
<p style="text-align: center;">Review Analysis</p> <p>Complete the following fields and provide concise information where applicable. Please do not insert data sets but</p>	

<p>2.3 Is there a need for additional resources?</p>	<p>The Liberal Arts and Sciences Division included in recent Biology budgets requests to upgrade equipment students use in their labs in these courses, <i>ie.</i>, microscopes and other lab manipulatives, and will develop an instructional supplies replacement chart throughout the course of the next fiscal year. Also, based on assessment findings in our Anatomy and Physiology sequences, we've determined the addition of an embedded tutor in these courses would contribute to improved student success and retention (as it has done in our <u>Math</u> courses). One embedded tutor will be hired in the SU24. If the program is deemed successful, additional tutors may be sought for these and other Biology courses.</p>
<p>Indicator 3: Quality</p>	<p style="text-align: center;">Response</p>

<p>3.11 Did the review of quality result in any actions or modifications? Please explain.</p>	<p>As part of this Review process, it was apparent that students are struggling with courses in our Anatomy and Physiology sequence as evidenced by an average course grade of "D" in both Intro to A&P and A&P I. As a result, we hired an embedded tutor for these courses to contribute to improved student success and retention (as it has done in our <u>Math</u> courses).</p>
<p>List any barriers encountered while implementing the discipline.</p>	
<p>Low average course grades in nearly all classes within the discipline coupled with low average course success rates has been a persistent problem in Life Sciences. As you will read below, several initiatives and course changes are making a difference in student success in these courses, but those changes must be embraced by all faculty teaching in the discipline and that is not always the case. An additional barrier is a lack of available adjunct instructors for day sections. A recent increase in enrollment with no available adjuncts means that full-time faculty in this discipline are being asked to teach multiple classes each semester. Biology tutors have been equally hard to find. However, most recently the college hired an embedded tutor for Intro to A&P and A&P I <u>courses</u> who will also hold tutoring hours in our Student Success Center for all Biology students.</p>	

Biology