

UMBC UGC Change in Existing Course: BIOL 305L Comparative Animal Physiology Laboratory

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Proposed Effective Date: January 2016

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COURSE INFORMATION: (please provide all information in the "current" column, and only the information changing in the "proposed" column)

change		current	proposed
<input type="checkbox"/>	Course Number(s)	305L	
<input checked="" type="checkbox"/>	Formal Title	Comparative Animal Physiology Laboratory	Physiology Laboratory
<input checked="" type="checkbox"/>	Transcript Title (≤30c)	Comp Animal Physiology Lab	Physiology Laboratory
<input checked="" type="checkbox"/>	Recommended Course Preparation	BIOL 305 (pre or co) and BIOL 300L or 303L	BIOL 305 or BIOL 307 (pre or co) and BIOL 300L with a grade of "C" or better.
<input checked="" type="checkbox"/>	Prerequisite NOTE: Unless otherwise indicated a prerequisite is assumed to be passed with a "D" or better.	BIOL 305 (pre or co) and BIOL 300L or 303L	BIOL 305 or BIOL 307 (pre or co) and BIOL 300L with a grade of "C" or better.
<input type="checkbox"/>	Credits	2	
<input type="checkbox"/>	Repeatable?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No
<input type="checkbox"/>	Max. Total Credits	2	
<input type="checkbox"/>	Grading Method(s)	<input checked="" type="checkbox"/> Reg (A-F) <input type="checkbox"/> Audit <input type="checkbox"/> Pass-Fail	<input type="checkbox"/> Reg (A-F) <input type="checkbox"/> Audit <input type="checkbox"/> Pass-Fail

CURRENT CATALOG DESCRIPTION:

A laboratory designed to study experimentally selected organismic functions discussed in BIOL 305.

PROPOSED CATALOG DESCRIPTION (no longer than 75 words): leave blank if no changes are being proposed to the catalog description. NOTE: information about prerequisites should NOT appear in the catalog description.)

A physiology laboratory in which we experimentally investigate both human and animal physiology, especially nervous, muscular, cardiovascular, and respiratory function.

RATIONALE FOR CHANGE:

Beginning in Fall 2015, there is a new physiology course, BIOL 307, Human Physiology. This course has no laboratory associated with it; however, the experiments in the current 305L course consist of roughly half experiments on animals and half experiments on humans (measuring students' electrocardiogram, respiratory measures, blood glucose, and so on). Further, the topics of the laboratories in 305L are nearly all topics discussed in BIOL 307. Therefore, 305L is as appropriate a laboratory to accompany 307 as it is 305, and we seek to make 305L a course that can follow or accompany either physiology lecture course. Thus, we wish to change a) the prerequisite for 305L to include 307 as a possibility instead of 305; and b) the title of the laboratory, which more accurately reflects its content, since not all experiments are animal ones.