

UMBC UGC Change in Existing Course: BIOL 451: Neurobiology

Date Submitted: 4/29/15

Proposed Effective Date: ASAP

	Name	Email	Phone	Dept
Dept Chair or UPD	Philip J. Farabaugh	farabaug@umbc.edu	53018	BioSci
Other Contact	David Eisenmann	eisenman@umbc.edu	52256	BioSci

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)		
<input type="checkbox"/>	Formal Title		
<input type="checkbox"/>	Transcript Title (≤30c)		
<input type="checkbox"/>	Recommended Course Preparation		
<input checked="" type="checkbox"/>	Prerequisite NOTE: Unless otherwise indicated, a prerequisite is assumed to be passed with a “D” or better.	BIOL 305	BIOL 305 or BIOL 307
<input type="checkbox"/>	Credits		
<input type="checkbox"/>	Repeatable?	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No
<input type="checkbox"/>	Max. Total Credits		Max. Total Credits: This should be equal to the number of credits for courses that cannot be repeated for credit. For courses that may be repeated for credit, enter the maximum total number of credits a student can receive from this course. E.g., enter 6 credits for a 3 credit course that may be taken a second time for credit, but not for a third time. Please note that this does NOT refer to how many times a class may be retaken for a higher grade.
<input type="checkbox"/>	Grading Method(s)	<input 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:

Nervous system function at the cellular level. Ionic mechanisms underlying electrical activity in nerve cells; the physiology of synapses; transduction and integration of sensory information; activity in populations of neurons: the specification of neuronal connections; and trophic and plastic properties of nerve cells. Prerequisite: BIOL 305 or consent of instructor. Writing Intensive. [4]

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.)

Nervous system function at the cellular level. Ionic mechanisms underlying electrical activity in nerve cells; the physiology of synapses; transduction and integration of sensory information; activity in populations of neurons: the specification of neuronal connections; and trophic and plastic properties of nerve cells. Prerequisite: BIOL 305 or BIOL 307 or consent of instructor. Writing Intensive. [4]

RATIONALE FOR CHANGE:

BIOL 305 and BIOL 307 share equivalent required course materials and either will prepare students for BIOL 451.