

LSC Use Only Proposal No:
LSC Action-Date:

UWUCC Use Only Proposal No: 14-116 P
UWUCC Action-Date: App 2/10/15 Senate Action Date: App 3/3/15

Curriculum Proposal Cover Sheet - University-Wide Undergraduate Curriculum Committee

Contact Person(s) Megan Knoch	Email Address mknoch@iup.edu
Proposing Department/Unit Biology	Phone 7-2613

Check all appropriate lines and complete all information. Use a separate cover sheet for each course proposal and/or program proposal.

1. Course Proposals (check all that apply)

New Course Course Prefix Change Course Deletion
 Course Revision Course Number and/or Title Change Catalog Description Change

Current course prefix, number and full title: **BIOL 477 Neurobiology**

Proposed course prefix, number and full title, if changing:

2. Liberal Studies Course Designations, as appropriate
This course is also proposed as a Liberal Studies Course (please mark the appropriate categories below)

Learning Skills Knowledge Area Global and Multicultural Awareness Writing Across the Curriculum (W Course)
 Liberal Studies Elective (please mark the designation(s) that applies – must meet at least one)
 Global Citizenship Information Literacy Oral Communication
 Quantitative Reasoning Scientific Literacy Technological Literacy

3. Other Designations, as appropriate

Honors College Course Other: (e.g. Women's Studies, Pan African)

4. Program Proposals

Catalog Description Change Program Revision Program Title Change New Track
 New Degree Program New Minor Program Liberal Studies Requirement Changes Other

Current program name: _____

Proposed program name, if changing: _____

5. Approvals	Signature	Date
Department Curriculum Committee Chair(s)	<i>Megan Knoch</i>	1/15/15
Department Chairperson(s)	<i>[Signature]</i>	1/15/15
College Curriculum Committee Chair		
College Dean		
Director of Liberal Studies (as needed)		
Director of Honors College (as needed)		
Provost (as needed)		
Additional signature (with title) as appropriate		
UWUCC Co-Chairs	<i>Gail Steinhilber</i>	2/10/15

Received
JAN 21 2015
Liberal Studies

Part II. Description of Curriculum Change

1. Catalog Description:

BIOL 477 Neurobiology 3c-0l-3cr

Prerequisites: BIOL 111 or 105, or 151, or PSYC 350 or instructor permission

Presents the underlying mechanisms through which the nervous system mediates behavior, from the molecular to the organismal level. Emphasizes two major themes: (1) the roles of synapses and neuronal excitability in shaping the input/output functions of neurons and neuronal networks and (2) the role of neuronal development and neuronal experience upon resultant neuronal organization.

2. Proposed Changes:

BIOL 477 Neurobiology 3c-0l-3cr

Prerequisites: BIOL 105 or BIOL 111, BIOL 202, or BIOL 240 or PSYC 350 or instructor permission

Presents the underlying mechanisms through which the nervous system mediates behavior, from the molecular to the organismal level. Emphasizes two major themes: (1) the roles of synapses and neuronal excitability in shaping the input/output functions of neurons and neuronal networks and (2) the role of neuronal development and neuronal experience upon resultant neuronal organization.

3. Justification/rationale for the changes:

The Biology Department adopted a new curriculum in Fall 2014. BIOL 202 replaces BIOL 111. Students in the BIOL majors will typically sequentially complete BIOL 201, BIOL 202 and BIOL 203. However, students who completed BIOL 202 are not able to enroll in BIOL 477 because of the current prerequisites.

Part III. Letters of Support of Acknowledgement

None needed.