

LSC Use Only Proposal No:  
LSC Action-Date:

UWUCC Use Only Proposal No: 14-110K  
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) <b>Megan Knoch</b>	Email Address <b>mknoch@iup.edu</b>
Proposing Department/Unit <b>Biology</b>	Phone <b>7-2613</b>

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 405 Biology of the Cell

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>	<i>1/15/15</i>
Department Chairperson(s)	<i>[Signature]</i>	<i>1/15/15</i>
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 Sedrust</i>	<i>2/10/15</i>

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Liberal Studies

## Part II. Description of Curriculum Change

### 1. Catalog Description:

#### **BIOL 405 Biology of the Cell**

**2c-3l-3cr**

**Prerequisites:** BIOL 111, CHEM 231, or instructor permission

Introduces the cellular and modular mechanisms by which individual cells grow, receive, and respond to internal and external signals, and move. Discusses the latest advances in the discipline; students are expected to utilize current literature on their own as a means of building critical thinking skills. The student-centered laboratory portion emphasizes individual and group activities.

### 2. Proposed Changes:

#### **BIOL 405 Biology of the Cell**

**2c-3l-3cr**

**Prerequisite:** BIOL 111 or BIOL 203, CHEM 231, or instructor permission

Introduces the cellular and modular mechanisms by which individual cells grow, receive, and respond to internal and external signals, and move. Discusses the latest advances in the discipline; students are expected to use current literature on their own as a means of building critical thinking skills. The student-centered laboratory portion emphasizes individual and group activities.

### 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 405 because of the current prerequisites.

## Part III. Letters of Support of Acknowledgement

None needed.