LSCU	se Only	Proposal	No:
ISC A	ction-Da	te:	

UWUCC Use Only Proposal No. 14-1161
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	a separate cover sheet for each course proposal a		
Course Proposals (check all that apply)			
New Course Course Revision	Course Prefix Change Course Number and/or Title Change	Course Deletion  Catalog Description Change	
Current course prefix, number and full title: BIC	DL 364 Immunology		
Proposed course prefix, number and full title, if c			
<ol><li>Liberal Studies Course Designations, as a This course is also proposed as a Liberal Studie</li></ol>		categories below)	
Learning Skills Knowledge Area	Global and Multicultural Awarene	Writing Across the Curriculum (W Course	
Liberal Studies Elective (please mark the	designation(s) that applies - must mee	t at least one)	
Global Citizenship	Information Literacy	Oral Communication	
		To shore loss is all literature	
Quantitative Reasoning	Scientific Literacy	Technological Literacy	
3. Other Designations, as appropriate			
Honors College Course	Other: (e.g. Women's Studies, Pan Afr	can)	
4. Program Proposals			
Catalog Description Change	Program Revision Progr	am Title Change New Trac	
	New Minor Program Libera	al Studies Requirement Changes Other	
Current program name:			
Proposed program name, if changing:			
5. Approvals	Sid	nature Date	
Department Curriculum Committee Chair(s)	Megan Knod	1.7.7	
Department Chairperson(s)	1	1151	
College Curriculum Committee Chair	A	1 7	
College Dean			
Director of Liberal Studies (as needed)			
Director of Honors College (as needed)			
Provost (as needed)			
Additional signature (with title) as appropriate	2 000 1	, 21.	
UWUCC Co-Chairs	(rent Sechu	0/10/	

Received

#### Part II. Description of Curriculum Change

## 1. Catalog Description:

### BIOL 364 Immunology 2c-3l-3cr

Prerequisites: BIOL 250, CHEM 232, or instructor permission

Physical and chemical properties of antigens and antibodies; nature of antigen-antibody interactions; mechanism of antibody formation; and immune reaction and disease. Lab employs serological techniques.

## 2. Proposed Changes:

#### BIOL 364 immunology 2c-3l-3cr

**Prerequisites:** BIOL 241 or BIOL 250; CHEM 102 or CHEM 232 or CHEM 351; or instructor permission

Physical and chemical properties of antigens and antibodies; nature of antigen-antibody interactions; mechanism of antibody formation; and immune reaction and disease. Lab employs serological techniques.

## 3. Justification/rationale for the changes:

The Biology Department is adding BIOL 241, CHEM 102 and CHEM 351 as acceptable prerequisites to allow students in the Natural Science or Nursing and Allied Health majors to enroll in this course.

Part III. Letters of Support of Acknowledgement

None needed.