## BIOC 502 Advanced Biochemistry-NewCrs-2018-02-07

• The workflow icon is no longer available. Please click on the Page Status after the orange circle icon near the page title. \*

Form Information

The page you originally access is the global template version. To access the template document that progresses through the workflow, please complete the following steps:

First Step: ONLY change the text in the [brackets] so it looks like this: CRIM 101 Intro to Criminology-CrsRvs-2015-08-10

If DUAL LISTED list BOTH courses in the page title

Second Step: Click "SAVE" on bottom right

- DO NOT TYPE ANYTHING INTO THE FIRST PAGE OTHER THAN THE TEXT IN BRACKETS
- Please be sure to remove the Brackets while renaming the page

Third Step: Make sure the word *DRAFT* is in yellow at the top of the proposal

Fourth Step: Click on "EDIT CONTENTS" (NOt EDIT) and start completing the template. When exiting or when done, click "SAVE" (NO t Save Draft) on bottom right

When ready to submit click on the workflow icon and hit approve. It will then move to the chair as the next step in the workflow.

\*Indicates a required field

Proposer*	Ronald See	Proposer Email*	rfsee@iup.edu
Contact Person*	Ronald See	Contact Email*	rfsee@iup.edu
Proposing Department/Unit*	Chemistry	Contact Phone*	7-4489

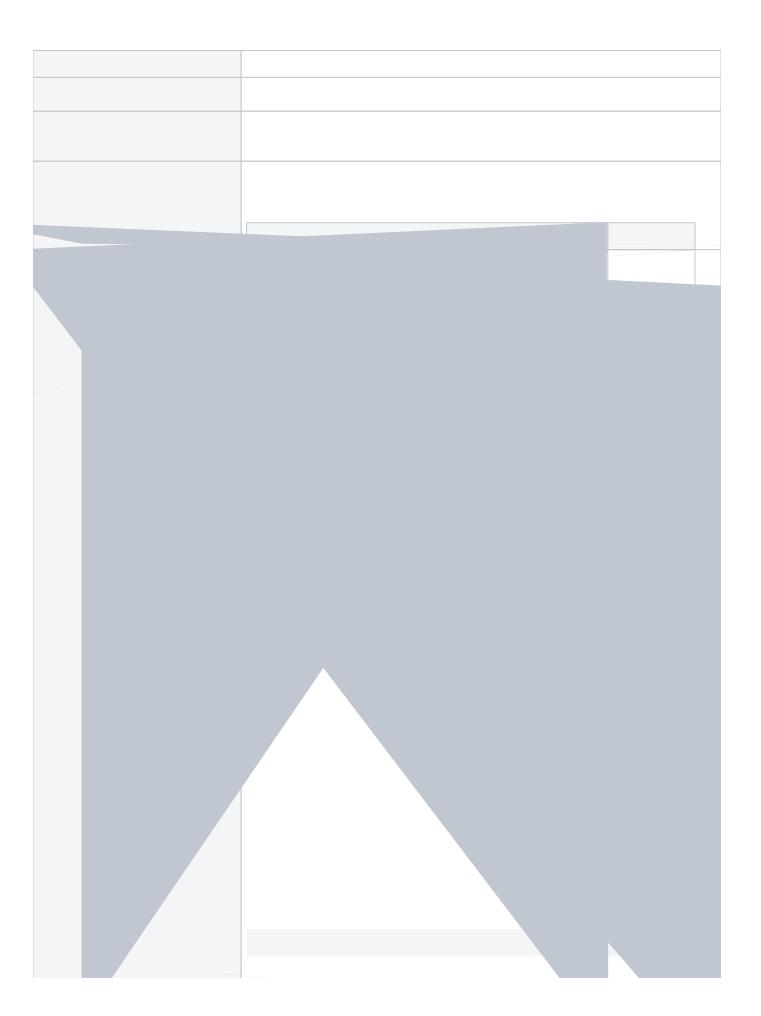
(A) Course Prefix*	BIOC
(B) Course Number*	See the Registrar's List of Unavailable Course Numbers at http://www.iup.edu/WorkArea/linkit.aspx? LinkIdentifier=id&ItemID=129323  502
(C) Course Title*	Advanced Biochemistry
(D) Course Level*	graduate-level

(E) Cross Listed*	
Dual Listed courses must use the	
Dual Listed form	
Note: both courses to be dual-listed	
must be approved through Senate	
PRIOR to requesting Dual Listing	
Dual Listed = Courses listed at two levels,	
such as undergraduate and graduate,	
masters and doctor855.88 486.3	38 Tm0 0.21256 1 55.88 477.67 Tm (doctor855.etc.(doctor855.88 486.38 Tm0 0.21256 1 12364 74425636 1 55Liste44.88 Tm 5.88 5 I

(L) Additional Information  (M) Recommended Class Size	* Teacher Education: Please complete the Teacher Education section of this form (below)  * Liberal Studies: Please complete the Liberal Studies section of this form (below)  * Distance Education: Please complete the Distance Education section of this form (below)  NO  Number (Enter Zero if No):0  If YES: (Check one of the following reasons and provide a narrative explanation)  Explain (required):		
(N) Catalog Description*  (O) Student Learning Outcomes* (SLO)	Guidelines: Do not include pre/co-requisite information here. The registrar prefers a concise description of a beginning with an active verb.  Examines biochemical processes with a focus on metabolism. Central pathways are considered in detail, in mechanisms and hormonal signaling. Other selected processes and integration of mammalian metabolism an understanding of concepts relating to structure/function relationships for biomolecules, biological membraincluded in BIOC 301.  These should be measurable, appropriate to the course level, and phrased in terms of student achievement content outcomes  If dual listed, indicate additional learning objectives for the higher level course. Hit Tab to add additional listed.	acluding regulatory are explored. Assumes ranes, and signaling	
For Each Outcome Describe How the Outcome Will Be Measured	Note that the text box in the table expands		







		• intellectual ho	onesty	
		concern for social justice		
		• civic engager		
		an understandard actions o		
		an understandand cultures of and cultures of an and cultures of an analysis of the analys		
How will each outcome (note should mirro	or (O) Student	Course SLO #	Assessment Tool to be used to measure the outcome	
Learning		1		
Outcomes* (SLO) f	from the course	2		
proposal		3		-
				1
All	Liberal Studies courses		lude perspectives on cultures and have a supplemental reswer the following questions.	ading.
Liberal Studies co	urses must include			
the perspectives and contributions of ethnic and racial minorities and of women whenever appropriate to the subject matter. Please explain				
•	•			
how this course w	III meet this			
criterion.				
Liberal Studies co	urses require the			
reading and use by	y students of at			
least one non-textbook work of				
fiction or non-fiction or a collection				
of related articles. Please describe				
how your course will meet this				
criterion.				
Feacher Education Section				
	Complete this section only for a new Teacher Education course or Teacher Education course revision  NOTE: you must check this box if the Course/Program has previously been approved for Teacher Education related item			ducation related items
If Completing this Section,	i E. you must offeor	box ii tile ooti		advation related itellis

Check the Box to the Right:

Course Designations:

Key Assessments			
	For both new and revised courses, please attach (see the program education coordinator):  The Overall Program Assessment Matrix The Key Assessment Guidelines The Key Assessment Rubric		
	File	Modified	
Microsoft Word Document Letter_BIOC 402_502.docx Letter of support from the Biochemistry Molecular Biology Group		Mar 23, 2018 by Ro nald F. See	
	PDF File BIOC 302 Syl_S18.pdf Syllabus for BIOC 402 and 502 will be the same, other than the extra requirements specified in the dual-listing form.	Apr 09, 2018 by Ron ald F. See	
•	Drag and drop to upload or browse for files Download All		
Narrative Description of the	How the proposal relates to the Education Major		
Required Content	quired Content		

Please scroll to the top and click the Page Status if you are ready to take action on the workflow. Please submit an ihelp if you have any questions http://ihelp.iup.edu