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 <u>DRAFT</u> 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

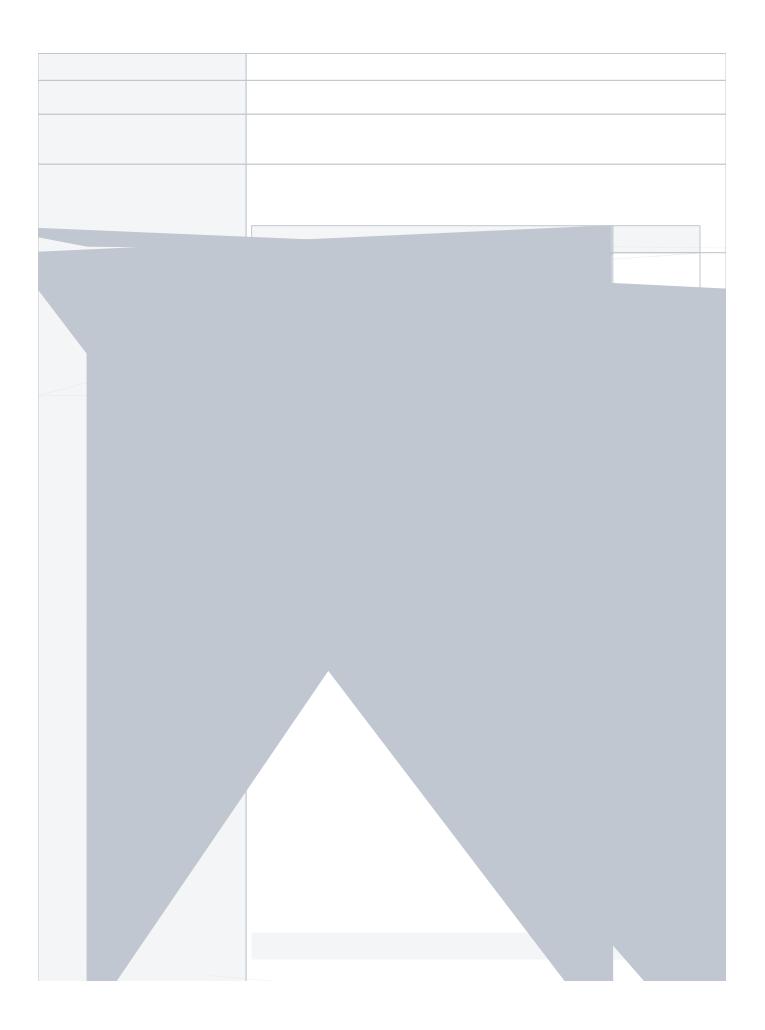
Proposer*	Ronald See	Proposer Email*	rfsee@iup.edu
Contact Person*	Ronald See	Contact Email*	rfsee@iup.edu
Proposing Department/Unit*	Chemistry	Contact Phone*	7-4489

(A) Course Prefix*	BIOC
(B) Course Number*	See the Registrar's List of Unavailable Course Numbers at http://www.iup.edu/WorkArea/linkit.aspx? Linkldentifier=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.	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 h

(L) Additional Information	Check all that apply. Note: Additional documentation will be required	
mormation	* 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)	
(M) Recommended Class Size	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*	Guidelines: Do not include pre/co-requisite information here. The registrar prefers a concise description of obeginning 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 membrincluded in BIOC 301.	cluding regulatory are explored. Assumes
(O) Student Learning Outcomes* (SLO) For Each	These should be measurable, appropriate to the course level, and phrased in terms of <u>student achievement</u> content outcomes If dual listed, indicate additional learning objectives for the higher level course. Hit Tab to add additional le Note that the text box in the table expands	
Outcome Describe		
How the Outcome Will		
Be Measured		





• intellectual honesty Image: Im					
Image: Contract of the contract		 intellectual ho 	onesty		
Image: Contract of the entitical and behavioral consequences of decisions and actions on themselves, on society, and on the physical world Image: Contract of the entitical and behavioral consequences of decisions and actions on themselves, on society, and on the physical world How will each outcome be measured (note should mirror (O) Student Learning Image: Course SLO # Assessment Tool to be used to measure the outcome in the physical world Outcomes* (SLO) from the course proposal Image: Course SLO # Assessment Tool to be used to measure the outcome in the physical action in the course proposal All Liberal Studies courses must include the perspectives on cultures and have a supplemental reading. Please answer the following questions. Liberal Studies courses must include the perspectives on cultures and have a supplemental reading. Please answer the following questions. Liberal Studies courses must include the perspectives and contributions of ethnic and racial minorities and of women whenever appropriate to the subject matter. Please explain		concern for s	ocial justice		
and actions on themselves, on society, and on the physical world Image: Constant of themselves, on society, and on the physical world team ing of themselves and a respect for the identities, histories and cultures of others Image: Constant of themselves and a respect for the identities, histories How will each outcome be measured (note should mirror (0) Student Learning Image: Constant of themselves and a respect for the identities, histories Outcomes' (SLO) from the course proposal Image: Constant of themselves and the perspectives on cultures and have a supplemental reading. Please answer the following questions. Liberal Studies courses must include the perspectives and contributions of ethnic and racial minorities and of women whenever appropriate to the subject matter. Please explain Image: Constant of the subject matter. Please explain		civic engager	nent		
Image:					
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All Liberal Studies courses are required to include perspectives on cultures and have a supplemental reading. Please answer the following questions. Liberal Studies courses must include the perspectives and contributions of ethnic and racial minorities and of women whenever appropriate to the subject matter. Please explain		2			
Liberal Studies courses must include the perspectives and contributions of ethnic and racial minorities and of women whenever appropriate to the subject matter. Please explain	proposal	3			
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the perspectives and contributions of ethnic and racial minorities and of women whenever appropriate to the subject matter. Please explain		Please ans	swer the following questions.		
of ethnic and racial minorities and of women whenever appropriate to the subject matter. Please explain	Liberal Studies courses must include				
of women whenever appropriate to the subject matter. Please explain	the perspectives and contributions				
the subject matter. Please explain	of ethnic and racial minorities and				
	of women whenever appropriate to				
	the subject matter. Please explain				
	how this course will meet this				
criterion.	criterion.				
Liberal Studies courses require the	Liberal Studies courses require the				
reading and use by students of at	reading and use by students of at				
least one non-textbook work of	least one non-textbook work of				
fiction or non-fiction or a collection	fiction or non-fiction or a collection				
of related articles. Please describe	of related articles. Please describe				
how your course will meet this					
criterion.					
Teacher Education Section					

- Complete this section only for a new Teacher Education course or Teacher Education course revision

0011101010 1110 000110	
If Completing this Section,	NOTE: you must check this box if the Course/Program has previously been approved for Teacher Education related items
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/Cell & 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		

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