

Bachelor of Science--Chemistry/Pre-medical Track-PrgRsv-2017-10-05

- 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**" (*not 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

<p>Program Revision Options (Check all that apply)</p> <p>Liberal-Studies</p> <p><i>* Teacher Education: Please complete the Teacher Education section of this form (below)</i></p> <p><i>* Liberal Studies: Please complete the Liberal Studies section of this form (below)</i></p>
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Program Level:*	undergraduate-level
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Rationale for Proposed Changes	
(A) Why is the program being revised?*	To add PHIL 130 (Medical Ethics) as an option to fulfill the Philosophy/Religious Students requirement.

<p>(B) Identify ALL Program Level Student</p> <p>Learning Outcomes (PSLO)</p> <p>Indicate any SLOs that have been changed highlighting them in red.*</p> <ul style="list-style-type: none"> • Outcomes must be measurable • 4-6 outcomes recommended for degree programs • Tracks, concentrations, certificates must have at least one outcome that is unique from a related degree program • Minors and majors may share outcomes • PLSLOs will be evaluated as part of the program's assessment plan 	<p>Students will be able to:</p>		
	#	Outcome	How outcome measured
	1	Find a position in the chemical industry, government, or graduate or professional school.	Tracking of programs graduates into employment, graduate or professional school.
	2	Apply successfully to a medical (M.D. or D.O.) program, and be well prepared for the courses you will take in that program school.	Tracking of students applying to medical school, and the progress of those students accepted into medical school.
	3	Analyze data and make scientific arguments to apply, analyze and synthesize information from multiple sub-disciplines within chemistry.	Successful completion of upper-level CHEM/BIOC courses, scores on DUCK exam.
	4	Solve complex, multi-step problems, using problem-solving strategies learned in the classroom and in the lab.	Successful completion of upper-level CHEM/BIOC courses, scores on DUCK exam.
	5	Demonstrate effective and safe chemistry laboratory skills, and be able to use the methods and instrumentation of modern chemistry.	Successful completion of upper-level CHEM laboratory courses, participation in CHEM 498 (undergraduate research), including presentations and formal report.
6	Evaluate novel scientific results, self-direct your activities and apply your knowledge and skills in or out of the laboratory.	Successful completion of CHEM 390 and 490 courses, participation in CHEM 498 (undergraduate research), including presentations and formal report.	
<p>(C) Implications of the change on the program, other programs and the Students:*</p>	<p>PHIL 130 is a very appropriate option for students in a pre-medical program.</p>		

Program Information	
(D) Current Program Title*	Bachelor of Science - Chemistry/Pre-medical Track
Proposed Program Title <i>(if changing)</i>	no change

<p>(E) Current Narrative</p> <p>Catalog Description</p> <p><i>If copying pasting from current catalog entry, please paste into Word or Notepad first to eliminate potential issues with formatting or special characters in the text.</i></p>	<p>UG Course Catalog: http://www.iup.edu/registrar/catalog/</p> <p>Grad Course Catalog: http://www.iup.edu/graduatestudies/catalog/</p> <p>The Pre-medical and Pre-pharmacy Tracks of the BS degree allow students to take all courses required for entrance into their intended professional health program, and gives them the flexibility to tailor their program to meet their individual needs. Students in these tracks retain the option of: (a) attending medical or pharmacy school, (b) attending graduate school in chemistry, biochemistry, pharmacology, or a variety of medically-related PhD programs, (c) employment in the chemistry or pharmaceutical industry. Additionally, the flexibility of these tracks allows students to change the focus of their degree program during their undergraduate experience.</p>				
<p>Proposed Narrative</p> <p>Catalog Description</p> <p><i>(if changing)</i></p>	<p>no change</p>				
<p>(F) Current and Proposed</p> <p>Program Requirements</p>	<p>Attach a Word document showing a side-by-side comparison of the current and proposed program requirements.</p> <p>Please clearly label the attachment as Program Requirements.</p> <table border="1" data-bbox="428 793 1469 890"> <thead> <tr> <th data-bbox="428 793 1175 835">File</th> <th data-bbox="1175 793 1469 835">Modified</th> </tr> </thead> <tbody> <tr> <td data-bbox="428 835 1175 890">Microsoft Word Document Program Requirements chem pre med 2017.docx</td> <td data-bbox="1175 835 1469 890">Dec 06, 2017 by Ronald F. See</td> </tr> </tbody> </table>	File	Modified	Microsoft Word Document Program Requirements chem pre med 2017.docx	Dec 06, 2017 by Ronald F. See
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<p>(G) Supporting Documents*</p>	<p>Are you making a major change?</p> <p>NO</p> <p>If making a major change, please attach a document with a summary of any/all changes.</p> <p>Please clearly label the attachment as Supporting Documentation.</p> <table border="1" data-bbox="428 1171 1453 1268"> <thead> <tr> <th data-bbox="428 1171 1159 1213">File</th> <th data-bbox="1159 1171 1453 1213">Modified</th> </tr> </thead> <tbody> <tr> <td data-bbox="428 1213 1159 1268">Microsoft Word Document Program Requirements chem pre med 2017.docx</td> <td data-bbox="1159 1213 1453 1268">Dec 06, 2017 by Ronald F. See</td> </tr> </tbody> </table>	File	Modified	Microsoft Word Document Program Requirements chem pre med 2017.docx	Dec 06, 2017 by Ronald F. See
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Liberal Studies Section

- Complete this section only for a new Liberal Studies course or Liberal Studies course revision

<p>If Completing this Section, Check the Box to the Right:</p>	<p>NOTE: you must check this box if the Course/Program has previously been approved for Liberal Studies</p>
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Liberal Studies Course Designations (Check all that apply)	
Learning Skills:	
Knowledge Area:	
Liberal Studies Elective	<i>Please mark the designation(s) that apply - must meet at least one</i>

Expected Undergraduate Student	<i>Describe how each Student Learning Outcome in the course enables students to become Informed Learners, Empowered Learners and/or Responsible Learners</i>
Learning Outcomes (EUSLOs)	<i>See http://www.iup.edu/WorkArea/DownloadAsset.aspx?id=181694</i>
Description of the Required Content for this Category	<i>Narrative on how the course will address the Selected Category Content</i>

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 how this course will meet this criterion.	
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Liberal Studies courses require the reading and use by 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.	
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Teacher Education Section

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

If Completing this Section, Check the Box to the Right:	NOTE: you must check this box if the Course/Program has previously been approved for Teacher Education related items
Course Designations:	
Key Assessments	

	<p>For both new and revised courses, please attach (see the program education coordinator):</p> <ul style="list-style-type: none"> • The Overall Program Assessment Matrix • The Key Assessment Guidelines • The Key Assessment Rubric <table border="1" data-bbox="396 275 1433 365"> <thead> <tr> <th data-bbox="396 275 1136 317">File</th> <th data-bbox="1141 275 1433 317">Modified</th> </tr> </thead> <tbody> <tr> <td data-bbox="396 323 1136 365">Microsoft Word Document Program Requirements chem pre med 2017.docx</td> <td data-bbox="1141 323 1433 365">Dec 06, 2017 by Ronald F. See</td> </tr> </tbody> </table> <ul style="list-style-type: none"> • Drag and drop to upload or browse for files  	File	Modified	Microsoft Word Document Program Requirements chem pre med 2017.docx	Dec 06, 2017 by Ronald F. See
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<p>Narrative Description of the Required Content</p>	<p><i>How the proposal relates to the Education Major</i></p>				

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>