Bachelor of Science-Chemistry/Pre-pharmacy Track-PrgRsv-2018-12-04

- 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

Program Revision Options (Check all that apply)

Liberal-Studies
 	
* Teacher Education: Please complete the Teacher
  Education section of this form (below)
 	
* Liberal Studies: Please complete the Liberal Studies
  section of this form (below)

Program Level:*	undergraduate-level

Rationale for Proposed Changes	
(A) Why is the program being revised?*	LS Social Science course was mistakenly specified as ECON 122, when it should have been ECON 121.

(B) Identify <u>ALL</u> Program Level Student Learning Outcomes (PSLO) Indicate any SLOs that have be changed highlighting them in red.* - 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			

Students will be able to:

#	Outcome	How outcome measured
1	Students will be able to understand and explain main principles of chemical processes spanning biochemical, inorganic, organic, physical, and analytical chemistry. (inorganic, organic, physical, analytical)	Seniors will complete the American Chemical Society Diagnostic Undergraduate Knowledge Exam
2	Students will be able to measure, synthesize and analyze chemical systems following appropriate personal and environmentally safe procedures	Students will pass the Chemical Safety Exam; Students will produce accurate results from a chemistry experiment in an upper level lab.
3	Students will be able to apply their knowledge to conduct and analyze experiments following the scientific method on chemical systems, to conduct research and communicate the results of their work	Students will conduct research and produce a presentation for CHEM 490
4	Students will complete the courses necessary for application to a medical (Pharm.D.) program and be well prepared for the courses that will take in pharmacy school.	% Students with completed pre-requisite courses in Junior / Senior year

(C) Implications of the change on the program, other programs and the Students:*	none

Program Information	
(D) Current Program Title*	B.S.-Chemistry/Pre-pharmacy Track
Proposed Program Title *(if changing)*	

(E) Current Narrative Catalog Description	UG Course Catalog: http://www.iup.edu/registrar/catalog/
	Grad Course Catalog:http://www.iup.edu/graduatestudies/catalog/
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.	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.
Proposed Narrative Catalog Description *(if changing)*	no change
(F) Current and Proposed Program Requirements	Attach a Word document showing a side-by-side comparison of the current and proposed program requirements. Please clearly label the attachment as Program Requirements.

File	Modified
Microsoft Word Document program requirements 2018.docx	Dec 04, 2018 by Ronald F. See

(G) Supporting Documents*	Are you making a major change?
	NO
	If making a major change, please attach a document with a summary of any/all changes. Please clearly label the attachment as Supporting Documentation.

File	Modified
Microsoft Word Document program requirements 2018.docx	Dec 04, 2018 by Ronald F. See

Liberal Studies Section

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

Liberal Studies Course Designations (Check all that apply)	
Learning Skills:	
Knowledge Area:	
Liberal Studies Elective	*Please mark the designation(s) that apply - must meet at least one*

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

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	

	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 program requirements 2018.docx Dec 04, 2018 by Ronald F. See
•	Drag and drop to upload or browse for files
Narrative Description of the **Required Content**	*How the proposal relates to the Education Major*

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