

Bachelors of Science - Biochemistry-PrgRsv-2016-12-13

- 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: **Bachelors in Criminology Pre-Law-PrgRsv-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" 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*	Jonathan Southard	Proposer Email*	southard@iup.edu
Contact Person*	Jonathan Southard	Contact Email*	southard@iup.edu
Proposing Department/Unit*	Biochemistry Program	Contact Phone*	72210

Program Revision Options (Check all that apply)
Catalog Description Change Program Revision <i>* Teacher Education: Please complete the Teacher Education section of this form (below)</i> <i>* Liberal Studies: Please complete the Liberal Studies section of this form (below)</i>

Course Level:*	undergraduate-level
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Rationale for Proposed Changes	
(A) Why is the program being revised?*	The program is being revised to reflect previously approved changes in BIOL and CHEM courses included in the program and to make clear the option for a degree certified by the American Chemical Society (ACS). This option is made possible by the recent approval of the bachelors in biochemistry program by the ACS.
(B) Identify ALL Program Student Learning Outcomes (SLO). Identify any SLOs that have be changed in response to the Program Revision .*	Upon completion of the program students should: be prepared for further study in graduate or professional programs in biochemistry or related fields. be prepared for technical employment in university, government or industrial laboratories. have the ability to analyze data and scientific arguments, work with peers to solve complex, multi-step problems and communicate answers and scientific reasoning clearly, in both written and oral forms. have developed effective and safe laboratory skills involving the methods and instrumentation of modern biochemistry. have an awareness of the major scientific and ethical issues at the forefront of biochemistry No SLOs have been changed.

(C) Implications of the change on the program, other

programs and the Students:*

This revision updates required and controlled elective BIOL and CHEM courses to their currently approved designation, title, and credit hours. Implications of the change for the program are negligible.

There may be a small increase in the number of students enrolled in CHEM 214 (biochemistry majors using this course as a controlled elective for an ACS certified degree). Otherwise, there are no implications of this revision for other programs.

The primary implications for program students will be elimination of problems during registration due to out-of-date course prerequisites. Students will be informed of the option for an ACS certified degree and may plan their academic program accordingly.

Program Information

Expected Undergraduate Student Learning Outcomes (EUSLOs)	<i>Describe how each Student Learning Outcome in the course enables students to become Informed Learners, Empowered Learners and/or Responsible Learners</i> <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	<p>18756.08 equ206.4 h f 564.38 155.33 m 146.44 155.33 147.19 156.08 187708 1 500.77 Tm (of women when06.4 h hriives1</p>

