

B.S. in Biochemistry-PrgRsv-2018-06-11

- 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

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<p>Proposed Program Title</p> <p><i>(if changing)</i></p>	
<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 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>OLD CATALOG DESCRIPTION – UNDER NSM</p> <p>Biochemistry Program</p> <p>Website: www.iup.edu/biochemistry</p> <p>Coung Diep and Jana Villemain, Co-coordinator; N. Bharathan, S. Bharathan, Ford, Hinrichsen, Irani, Jain, Ko, Kyler, Luciano, Majumdar, Ruby, Southard, Widzowski; and professors emeriti Butler, Harding, Sowa</p> <p>The BS degree program in biochemistry is a four-year degree curriculum offered as a cooperative program by the Biology and Chemistry departments. This program also offers the Biochemistry minor.</p> <p>The curriculum leading to a BS degree with a major in biochemistry begins with foundation courses in biology, chemistry, mathematics, and physics in the first two years. Specialization in biochemistry commences in the third year with courses in biochemistry, genetics, physical chemistry, special topics in biochemistry, and biochemistry seminar. Completion of one chemistry course as a controlled elective allows students the option to receive a biochemistry degree certified by the American Chemical Society.</p> <p>A unique feature of this undergraduate program is that biochemistry research is a requirement. After consultation with faculty, the students will define a problem and devise an experimental plan through library research. Laboratory research will be done under the direct supervision of a faculty member. Finally, the student will report on the results of the research in both written and oral forms.</p> <p>This program is intended for students whose interests lie in a most exciting field of modern science. Graduates can expect to be qualified to enter graduate programs in biochemistry, biology, chemistry, and molecular biology; professional schools in the health sciences; and positions in industrial and government research laboratories and in industrial production facilities.</p>
<p>Proposed Narrative</p> <p>Catalog Description</p> <p><i>(if changing)</i></p>	<p>PROPOSED CATALOG DESCRIPTION – under CHEMISTRY</p> <p>Bachelor of Science - Biochemistry</p> <p>Website: www.iup.edu/biochemistry</p> <p>The BS degree in biochemistry is a four-year degree and the Biochemistry minor are offered by the Chemistry department.</p> <p>The curriculum leading to a BS degree with a major in biochemistry begins with foundation courses in biology, chemistry, mathematics, and physics in the first two years. Specialization in biochemistry commences in the third year with courses in biochemistry, genetics, physical chemistry, special topics in biochemistry, and biochemistry seminar. Completion of one chemistry course as a controlled elective allows students the option to receive a biochemistry degree certified by the American Chemical Society.</p> <p>A unique feature of this undergraduate program is that biochemistry research is a requirement. After consultation with faculty, the students will define a problem and devise an experimental plan through library research. Laboratory research will be done under the direct supervision of a faculty member. Finally, the student will report on the results of the research in both written and oral forms.</p> <p>This program is intended for students whose interests lie in a most exciting field of modern science. Graduates can expect to be qualified to enter graduate programs in biochemistry, biology, chemistry, and molecular biology; professional schools in the health sciences; and positions in industrial and government research laboratories and in industrial production facilities.</p>

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<p>Liberal Studies courses must include</p> <p>the perspectives and contributions</p> <p>of ethnic and racial minorities and</p> <p>of women whenever appropriate to</p> <p>the subject matter. Please explain</p> <p>how this course will meet this</p> <p>criterion.</p>	
<p>Liberal Studies courses require the</p> <p>reading and use by students of at</p> <p>least one non-textbook work of</p> <p>fiction or non-fiction or a collection</p> <p>of related articles. Please describe</p> <p>how your course will meet this</p> <p>criterion.</p>	

Teacher Education Section

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

<p>If Completing this Section,</p> <p>Check the Box to the Right:</p>	<p>NOTE: you must check this box if the Course/Program has previously been approved for Teacher Education related items</p>
<p>Course Designations:</p>	
<p>Key Assessments</p>	
	<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 <p>File Modified</p> <hr/> <p>No files shared here yet.</p> <ul style="list-style-type: none"> • Drag and drop to upload or browse for files 
<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>