

CHEM 444 Advanced Physical Chemistry Laboratory-CrsRvs-2018-02-16

- 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

Course Level*	undergraduate-level
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Course Revisions	
(Check all that apply; fill out categories below as specified; i.e. if only changing a course title, only complete Category A)	
Category A: course_prefix_number_change course_title_change	Category B: <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> <i>* Distance Education: Please complete the Distance Education section of this form (below)</i>

Rationale for Proposed Changes (All Categories)	
(A) Why is the course being revised/deleted:*	CHEM 344 is being changed to 444 so that it matches its companion course, which is being renumbered from 342 to 442. CHEM

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

Category A	
(D) Current Prefix*	CHEM
Proposed Prefix	CHEM
(E) Current Number*	344
Proposed Number	444
(F) Current Course Title*	Physical Chemistry Laboratory II
Proposed Course Title	Advanced Physical Chemistry Laboratory
(G) Prerequisite(s)	CHEM 343; must be taken after or concurrent with CHEM 342
Proposed Prerequisite(s)	CHEM 343; must be taken after or concurrent with CHEM 442
(H) Current Catalog Description	An extension of CHEM 343; experiments related to chemical kinetics, molecular spectroscopy, and other topics of physical chemistry.
Proposed Catalog Description	unchanged

If changing Category A, no further action required.

Category B (if no change, leave blank)

(I) Repeatable Course	<p>This is (th Course)TJ ET cith ET Bthat caner o Laboratory II</p>

<p>(M) Previous Brief Course Outline</p> <p><i>(It is acceptable to copy from old syllabus)</i></p>	<p><i>As outlined by the federal definition of a "credit hour", the following should be a consideration regarding student work - For every one hour of classroom or direct faculty instruction, there should be a minimum of two hours of out of class student work.</i></p>
<p>(N) Brief Course Outline</p> <p><i>(Give sufficient detail to communicate the content to faculty across campus. It is not necessary to include specific readings, calendar or assignments)</i></p>	<p><i>As outlined by the federal definition of a "credit hour", the following should be a consideration regarding student work - For every one hour of classroom or direct faculty instruction, there should be a minimum of two hours of out of class student work.</i></p>

Distance Education Section

- Complete this section only if adding Distance Education to a New or Existing Course

<p>If Completing this Section, Check the Box to the Right:</p>	<p>NOTE: you must check this box if the Course has previously been approved for Distance Education</p>
<p>Course Prefix/Number</p>	
<p>Course Title</p>	
<p>Type of Proposal</p>	<p><i>See CBA, Art. 42.D.1 for Definition</i></p>
<p>Brief Course Outline</p>	<p><i>Give an outline of sufficient detail to communicate the course content to faculty across campus. It is not necessary to include specific readings, calendar or assignments</i></p> <p><i>As outlined by the federal definition of a "credit hour", the following should be a consideration regarding student work - For every one hour of classroom or direct faculty instruction, there should be a minimum of two hours of out of class student work.</i></p>
<p>Rationale for Proposal (Required Questions from CBA)</p>	
<p>How is/are the instructor(s) qualified in the Distance Education delivery method as well as the discipline?</p>	
<p>For each outcome in the course, describe how the outcome will be achieved using Distance Education technologies.</p>	

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

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