

# CHEM 101 College Chemistry I-CrsRvs-2019-11-06

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 bracketed text in the proposal name to match one of the following naming formats. You should remove the brackets as you do so.

For a course revision proposal: **SWST 201 Sidewalk Construction and Planning-CrsRvs-2019-09-02**

For a course deletion proposal, you may modify the page code: **SWST 217 Construction of Cobblestone Sidewalks-CrsDel-2019-09-02**

For a course revision that includes a new request for distance education approval, you may modify the page code: **SWST 440 Computer-Aided Sidewalk Design-CR/DE-2019-09-02**

**Note - you generally do not need to request DE approval again if the course is already on the approved list: [CLICK HERE TO SEE ALL APPROVED DE COURSES](#)**

**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 " (


--	--





- Units of pressure, volume, amount and temperature for gaseous behavior.
- Universal gas law.
- Quantitative descriptions of physical behavior.
- Solubilities of gases in liquids.
- Practical applications.

#### 6. Interactions Between Molecules

- The states of matter and transitions between them.

- 
- 
- 

- 
- 
- 
- 
- 
- 

- 
- 
- 
- 
- 

- 
- 
- 
- 
- 
- 
- 

- 
- 
- 
-








<p><b>Liberal Studies courses must include</b></p> <p><b>the perspectives and contributions</b></p> <p><b>of ethnic and racial minorities and</b></p> <p><b>of women whenever appropriate to</b></p> <p><b>the subject matter. Please explain</b></p> <p><b>how this course will meet this</b></p> <p><b>criterion.</b></p>	<p>Perspectives and contributions by women and ethnic minorities in chemistry are historic: Madam Curie's discovery of radiation, Markovnikov's Rule, the periodic table described by Mendeleev, the foundation of organic chemistry by Frederich Wohler, These landmark scientists and others are mentioned in the text and not overlooked by instructors.</p>
<p><b>Liberal Studies courses require the</b></p> <p><b>reading and use by students of at</b></p> <p><b>least one non-textbook work of</b></p> <p><b>fiction or non-fiction or a collection</b></p> <p><b>of related articles. Please describe</b></p> <p><b>how your course will meet this</b></p> <p><b>criterion.</b></p>	<p>The exception to non-textbook work is made by the quantitative nature of the course in both lecture (topics such as measurements, dimensional analysis, stoichiometry) and laboratory. Students are required to use calculators for complex algebraic problem-solving and for logarithmic functions (pH). Videos describing various chemical and biochemical principles and practical applications are included in the instructors' class material.</p>

## Teacher Education Section

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

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



	<p>For both new and revised courses, please attach (see the program education coordinator):</p> <ul style="list-style-type: none"> <li>• The Overall Program Assessment Matrix</li> <li>• The Key Assessment Guidelines</li> <li>• The Key Assessment Rubric</li> </ul> <p><b>File</b>    <b>Modified</b></p> <hr/> <p>No files shared here yet.</p> <ul style="list-style-type: none"> <li>• Drag and drop to upload or <a href="#">browse for files</a> </li> </ul>
<p><b>Narrative Description of the Required Content</b></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>