

LSC Use Only Proposal No:	UWUCC Use Only Proposal No: 12-68e.
LSC Action-Date:	UWUCC Action-Date: App-2/19/13 Senate Action Date: App-3/26/13

**Curriculum Proposal Cover Sheet - University-Wide Undergraduate Curriculum Committee**

Contact Person(s) <b>Dr. Jan K. Wachter</b>	Email Address <b>Jan.Wachter@iup.edu</b>
Proposing Department/Unit <b>Safety Sciences</b>	Phone <b>7-3275</b>

Check all appropriate lines and complete all information. Use a separate cover sheet for each course proposal and/or program proposal.

**1. Course Proposals (check all that apply)**

New Course                       Course Prefix Change                       Course Deletion  
 Course Revision                       Course Number and/or Title Change                       Catalog Description Change (prerequisite)

Current course prefix, number and full title: **SAFE 335 Industrial and Environmental Stressors**

Proposed course prefix, number and full title, if changing: \_\_\_\_\_

**2. Liberal Studies Course Designations, as appropriate**

This course is also proposed as a Liberal Studies Course (please mark the appropriate categories below)  
 Learning Skills     Knowledge Area     Global and Multicultural Awareness     Writing Intensive (include W cover sheet)  
 Liberal Studies Elective (please mark the designation(s) that applies – must meet at least one)  
      Global Citizenship                       Information Literacy                       Oral Communication  
      Quantitative Reasoning                       Scientific Literacy

**Received  
NOV 15 2012**

**3. Other Designations, as appropriate**

Honors College Course                       Other: (e.g. Women's Studies, Pan African)

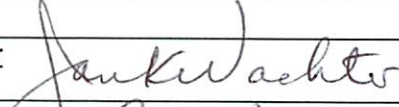

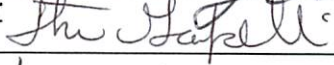


**Liberal Studies**

**4. Program Proposals**

Catalog Description Change     Program Revision     Program Title Change     New Track  
 New Degree Program     New Minor Program     Liberal Studies Requirement Changes     Other

Current program name: \_\_\_\_\_

Proposed program name, if changing: \_\_\_\_\_

5. Approvals	Signature	Date
Department Curriculum Committee Chair(s)	<u>Dr. Jan K. Wachter</u> 	11/5/2012
Department Chairperson(s)	<u>Dr. Lon Ferguson</u> 	11/5/12
College Curriculum Committee Chair	<u>Dr. Jan K. Wachter</u> 	11/13/12
College Dean	<u>Dr. Mary Swinker</u> 	11/14/12
Director of Liberal Studies (as needed)		
Director of Honors College (as needed)		
Provost (as needed)		
Additional signatures (with title) as appropriate:		
UWUCC Co-Chairs		2/19/13

## **Part II. Description of Curriculum Change**

### **1. Catalog Description**

#### **New catalog description:**

##### **SAFE 335 Industrial and Environmental Stressors 2c-01-2cr**

**Prerequisites:** BIOL 104 or BIOL 155, CHEM 101

Focuses on understanding and applying safety, regulatory, toxicological, environmental, and epidemiological information, data, and models to determine occupational risk from exposure to common industrial and environmental stressors. Also covers product safety risk from consumer exposure to manufactured products. Case studies act as important means for presenting and discussing information.

### **2. Proposed Change**

The prerequisites for the course will now include taking either BIOL 104 or BIOL 155 (along with CHEM 101).

#### **Old catalog description:**

##### **SAFE 335 Industrial and Environmental Stressors 2c-01-2cr**

**Prerequisites:** BIOL 155, CHEM 101

Focuses on understanding and applying safety, regulatory, toxicological, environmental, and epidemiological information, data, and models to determine occupational risk from exposure to common industrial and environmental stressors. Also covers product safety risk from consumer exposure to manufactured products. Case studies act as important means for presenting and discussing information.

### **3. Justification for Change**

BIOL 155 has been the traditional biology course that safety science majors have taken as a prerequisite to prepare them for taking some of the more biologically-related safety science courses. The Department of Biology has recently revised some of their non-biology major courses. A revised course - BIOL 104 Human Biology: How the Human Body Works - now also covers physiology and anatomy topics that are sufficient to prepare safety science students. Thus, either BIOL 155 or BIOL 104 can now be used to prepare our students for taking SAFE 335 (along with CHEM 101).