

Curriculum Proposal Cover Sheet - University-Wide Undergraduate Curriculum Committee

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Proposing Department/Unit Safety Sciences	Phone 7-3275

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 430 Recognition, Evaluation, and Control of Occupational Health Hazards II**

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

3. Other Designations, as appropriate

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

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4. Program Proposals

Liberal Studies

- 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> <i>Jan K Wachter</i>	11/5/2012
Department Chairperson(s)	<u>Dr. Lon Ferguson</u> <i>Lon Ferguson</i>	11/5/12
College Curriculum Committee Chair	<u>Dr. Jan K. Wachter</u> <i>Jan K Wachter</i>	11/13/12
College Dean	<u>Dr. Mary Swinker</u> <i>Mary E. Swinker</i>	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	<i>Gail Schrust</i>	2/19/13

Part II. Description of Curriculum Change

1. Catalog Description

New catalog description:

SAFE 430 Recognition, Evaluation, and Control of Occupational Health Hazards II 3c-3l-4cr

Prerequisites: BIOL 104 or BIOL 155, PHYS 111 or instructor permission

Provides an understanding of selected physical and biological stressors in the workplace that may present occupational health hazards to workers. Students learn to anticipate, identify, evaluate, and control physical and biological stressors in the workplace. Emphasizes adverse health effects from excessive exposures, workplace standards, sampling and analytical methods, and control options. Concludes with discussions that focus on the effective development and implementation of a comprehensive safety and health program.

2. Proposed Change

The prerequisites for the course will now include taking either BIOL 104 or BIOL 155 (along with PHYS 111).

Old catalog description:

SAFE 430 Recognition, Evaluation, and Control of Occupational Health Hazards II 3c-3l-4cr

Prerequisites: BIOL 155, PHYS 111 or instructor permission

Provides an understanding of selected physical and biological stressors in the workplace that may present occupational health hazards to workers. Students learn to anticipate, identify, evaluate, and control physical and biological stressors in the workplace. Emphasizes adverse health effects from excessive exposures, workplace standards, sampling and analytical methods, and control options. Concludes with discussions that focus on the effective development and implementation of a comprehensive safety and health program.

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 430 (along with PHYS 111).