

Cardinal University Catalog 2017-2018

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4.4 Program Revisions

Program Title Change

New Track

Disposition Change

Program Revision

Liberal Studies Requirement Changes

Other

New Degree Program

New Minor Program

Current program: B.S. Degree in Safety, Health and Environmental Systems

**PROGRAM REVISION FOR THE BACHELOR OF SCIENCE
DEGREE IN SAFETY SCIENCES**

Fall 2012

Part II. Description of Curriculum Change

1. Catalog Description

There is a small change being proposed to the catalog description for the program. With the

maintain the safety sciences curriculum's additional science and math requirement. This

SAFE 361	Air and Water Pollution	2cr
SAFE 412	Hazard Prevention Management II	3cr
SAFE 430	Recognition, Evaluation, and Control of Occupational Health Hazards II	4cr
SAFE 435	Ethics and Professionalism	1cr
SAFE 488/493	Internship	6-12cr

Other Requirements:

18

Additional Science and Mathematics:

BIOL 104	Human Biology: How the Body Works <i>or</i>	4cr
BIOL 155	Human Physiology and Anatomy	
PHYS 111	Physics I Lecture	3cr
PHYS 121	Physics I Lab	1cr
PHYS 112	Physics II Lecture	3cr
PHYS 122	Physics II Lab	1cr

Business Electives (two 3 credit courses from approved list):

6cr

ACCT 200	Foundations of Accounting
MGMT 300	Human Resource Management
MGMT 310	Principles of Management
MGMT 311	Human Behavior and Organization
MGMT 434	Quality Management

The minor consists of 18 credit hours in Occupational Safety, Health and Environmental Sciences courses as identified below. The minor has improved job opportunities for students in Environmental Science, Criminology, Human Resource Management, International

TABLE 1. PROGRAM COMPARISON

Proposed Program: Bachelor of Science—Safety, Health and Environmental Applied Sciences		Proposed Program: Bachelor of Science—Safety, Health and Environmental Applied Sciences	
Liberal Studies: As outlined in Liberal Studies section with the following specifications:	44	Liberal Studies: As outlined in Liberal Studies section with the following specifications:	44

Minor-Safety, Health and Environmental Applied Sciences Required Courses: SAFE 101 Introduction to Occupational Safety and Health SAFE 111 Principles of Industrial Safety I	18 3cr	Minor-Safety, Health and Environmental Applied Sciences Required Courses: SAFE 101 Introduction to Occupational Safety and Health SAFE 111 Principles of Industrial Safety I	18 3cr
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Part III Implementation

1. How will the proposed revision affect students already in the existing program?

It will not affect students already in the existing program, since most are already taking BIOL 155 as their biological science course requirement – and this option is still available under the program revision. However, some students are taking BIOL 104 to fulfill this

requirement and substitution forms are being processed and approved to allow the substitution of BIOL 104 for BIOL 155. This program change will provide students flexibility in the biology course selection as well as eliminate the need for processing substitution forms.

2. Are faculty resources adequate?

Resources are adequate. Students will select either BIOL 104 or BIOL 155 as their

required biology course as determined by available spaces in those courses

Part V. Course Proposals

The following proposals are attached:

Course catalog revisions (i.e., prerequisite/corequisite changes for SAFE courses to also include BIOL 104 as an option when BIOL 155 is listed as a prerequisite): SAFE 330, SAFE 335, SAFE 347, and SAFE 430.

Part VI. Letters of Support

From: Carl Luciano <luciano@iup.edu>

Date: 11/02/12 10:11 AM

To: Jan K Wachter <jan.wachter@iup.edu>

~~From: Sandra Newell <snnewell@iup.edu>, Lon Ferguson@iup.edu, Carl Luciano <luciano@iup.edu>~~

Jan

Yes, we support this. Thanks to Safety Sciences for the collaboration on this issue and for our productive discussions-CL

Carl Luciano
Professor and Chair
Department of Biology
Indiana University of Pennsylvania

-----Original Message----- From: Jan K Wachter
Sent: Friday, November 02, 2012 10:05 AM
To: Carl S. Luciano
Cc: Sandra Newell ; Lon.Ferguson@iup.edu
Subject: Re: SAFETY SCIENCES PROGRAM REVISION PROPOSAL - Letter of Support

Dr. Luciano - Safety Sciences is in the process of putting forth a minor program revision in its undergrad curriculum that allows using either BIOL 104 or BIOL 155 to satisfy its biological science requirement (currently, only BIOL 155 can be used). We discussed this a while ago.