

DEPARTMENT Agricultural and Biological Engineering DATE SUBMITTED 5/9/01 DATE EFFECTIVE Summer '01

INSTRUCTIONS: Please check the items below which describe the purpose of this request.

PURPOSE

- | | |
|---|---|
| <input type="checkbox"/> 1. Deletion of a course | <input type="checkbox"/> 8. Change in semesters offered |
| <input type="checkbox"/> 2. New course with supporting documents | <input type="checkbox"/> 9. Change in course credit/type |
| <input type="checkbox"/> 3. Add existing course offered at another campus | <input type="checkbox"/> 10. Change in course attributes |
| <input type="checkbox"/> 4. Change in course number at same level | <input type="checkbox"/> 11. Change in instructional hours |
| <input type="checkbox"/> 5. Downgrading of course level | <input type="checkbox"/> 12. Change in prerequisites |
| <input type="checkbox"/> 6. Upgrading of course level | <input checked="" type="checkbox"/> 13. Change in description of course content |
| <input type="checkbox"/> 7. Change in course title | <input type="checkbox"/> 14. Transfer of course from one dept. to another |

EXISTING:	PROPOSED:
Subject Abbreviation <u>ABE</u>	Subject Abbreviation <u>ABE</u>
Course Number <u>120</u>	Course Number <u>120</u>
Proposed Title <u>Introduction to Agricultural and Biological Engineering</u>	
Variable Title Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	
Abbreviated Title <u>Intro Ag & Biol Engr</u>	
Abbreviated title will be entered by the Office of the Registrar if omitted. (22 CHARACTERS ONLY)	

SEMESTERS OFFERED

Check All That Apply.

Summer <input type="checkbox"/>	Fall <input checked="" type="checkbox"/>	Ag Winter <input type="checkbox"/>	Spring <input checked="" type="checkbox"/>
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CROSS LISTED COURSES	CREDIT TYPE	COURSE ATTRIBUTES: Check All That Apply.
_____	1. Fixed Credit: Cr. Hrs. <u>1</u>	1. Pass/Not Pass Only
_____	2. Variable Credit Range:	2. Repeatable for Credit
_____	Minimum Cr. Hrs _____	3. Available for Credit by Examination
_____	(Check One) To <input type="checkbox"/> Or <input type="checkbox"/>	4. Designator Required
_____	Maximum Cr. Hrs. _____	5. Special Fees
_____	3. Equivalent Credit: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	6. Approval Required for Enrollment
_____	4. Thesis Credit: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Department _____
		Instructor _____

<u>Instructional Type</u>	<u>Class Hours</u>	<u>FTE</u>	<u>Instructional Type</u>	<u>Class Hours</u>	<u>FTE</u>	<u>Instructional Type</u>	<u>Class Hours</u>	<u>FTE</u>	CAMPUS(ES) INVOLVED
Primary			Auto-tutorial			Thesis			Calumet
Secondary			Ind. Study			Observation			Fort Wayne
Laboratory	<u>2</u>		Clinic			Mats Based			Indianapolis
Lab. Prep.			Experiential						North Central
									West Lafayette
									Off Campus <input checked="" type="checkbox"/>

COURSE DESCRIPTION (PREREQUISITES INCLUDED):

Sem. 1 and 2. Lab 2, cr. 1.

Introduction to engineering technologies and career opportunities involved in agricultural and biological engineering. A selection of invited lectures, participation exercises, lab tours, and field trips designed to acquaint students with the profession of agricultural and biological engineering. Topics to be covered may include biopolymers, alternate fuels, emulsions in food, extruded food products, finite element analysis, geographic information systems, site-specific resource usage, mechanical properties of biological materials, post-harvest engineering, and control systems in food process engineering.

Calumet Undergrad Curriculum Committee _____ Date _____	Calumet Department Head _____ Date _____	Calumet School Dean _____ Date _____
Fort Wayne Department Head _____ Date _____	Fort Wayne School Dean _____ Date _____	Fort Wayne Chancellor <u>C.D. Sutton</u> _____ Date _____
Indianapolis Department Head _____ Date _____	Indianapolis School Dean _____ Date _____	Appr. for Faculty <u>C.D. Sutton, Chair</u> #944 _____ Date <u>2/14/01</u>
North Central Department Head _____ Date _____	North Central Vice Chancellor <u>Karl A. Brunell</u> _____ Date <u>5/10/01</u>	Undergrad Curriculum Committee _____ Date _____
West Lafayette Department Head <u>Dennis B...</u> _____ Date <u>5-9-01</u>	West Lafayette School Dean <u>A. J. ...</u> _____ Date <u>22 May 01</u>	Date Approved by Graduate Council _____
Graduate Area Committee Convener _____ Date _____	Graduate Dean _____ Date _____	Graduate Council Secretary <u>Deb Sheets</u> _____ Date <u>5/29/01</u>
		West Lafayette Registrar _____ Date _____