

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:

SEMESTERS OFFERED

Subject Abbreviation ABE Subject Abbreviation ABE  
Course Number 555 Course Number 555

Proposed Title Biological and Food Processing Unit Operations

Variable Title Yes  No

Abbreviated Title Biol Food Proc Unit Op

Abbreviated title will be entered by the Office of the Registrar if omitted. (22 CHARACTERS ONLY)

Check All That Apply.

Summer  Fall  Ag Winter  Spring

CROSS LISTED COURSES

CREDIT TYPE

COURSE ATTRIBUTES: Check All That Apply.

- Fixed Credit: Cr. Hrs. 4
- Variable Credit Range:  
Minimum Cr. Hrs.   
(Check One) To  Or   
Maximum Cr. Hrs.
- Equivalent Credit: Yes  No
- Thesis Credit: Yes  No

- Pass/Not Pass Only
- Repeatable for Credit
- Available for Credit by Examination
- Designator Required
- Special Fees
- Approval Required for Enrollment  
Department   
Instructor

Instructional Type	Class Hours	FTE	Instructional Type	Class Hours	FTE	Instructional Type	Class Hours	FTE
Primary	3		Auto-tutorial			Thesis		
Secondary			Ind. Study			Observation		
Laboratory	3		Clinic			Matis Based		
Lab. Prep.			Experiential					

CAMPUS(ES) INVOLVED

- Calumet   
Fort Wayne   
Indianapolis   
North Central   
West Lafayette   
Off Campus

COURSE DESCRIPTION (PREREQUISITES INCLUDED):

Sem. 1. Class 3, lab. 3, cr. 4. Prerequisite: CHE 378 or equivalent.  
Analysis and design of operations such as sterilization, freezing, dehydration, fermentation, and separation processes. Integration of pilot plant results into the design and scale-up of process systems. Emphasis on how the properties of biological materials influence the quality of the processed product.

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 <i>E.D. Sutton</i>	Date
Indianapolis Department Head	Date	Indianapolis School Dean	Date	Appr. for Faculty C.D. Sutton, Chair #944	2/14/01
North Central Department Head	Date	North Central Vice Chancellor <i>Dean-Ag</i>	Date	Undergrad Curriculum Committee	Date
West Lafayette Department Head <i>James Ball</i>	5-9-01	West Lafayette School Dean - Engr <i>L. A. Higgins</i>	22 May 01	Date Approved by Graduate Council	
Graduate Area Committee Convener	Date	Graduate Dean	Date	Graduate Council Secretary <i>Marilyn D. Heist</i>	6/27/01
				West Lafayette Registrar <i>Debra Chute</i>	6/29/01