**PURDUE UNIVERSITY**

**REQUEST FOR ADDITION, DELETION, OR REVISION OF A COURSE**

**DEPARTMENT: Agricultural & Biological Engineering**

**DATE SUBMITTED: May 8, 2003**  
**DATE EFFECTIVE: Fall 2003**

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

**PURPOSE**

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

**EXISTING:**

- **Subject Abbreviation:** ABE
- **Course Number:** 303
- **Proposed Title:** Applications of Physical Chemistry to Biological Processes
- **Variable Title:** No
- **Abbreviated Title:** Appl. Chem. Biol. Proc.

**PROPOSED:**

- **Subject Abbreviation:** ABE
- **Course Number:** 303

**SEMESTERS OFFERED**

- Check All That Apply: Summer, Fall, Winter, Spring

**CROSS LISTED COURSES**

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<tr>
<th>Course Type</th>
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<td>Primary</td>
<td>Auto-tutorial</td>
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<td>Secondary</td>
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**COURSE DESCRIPTION (PREREQUISITES INCLUDED):**

**PREREQUISITE:** ABE 210, CHM 257 and Co-REQUISITE: CHE 377 or consent of instructor

Physical chemical principles associated with transport of mass, momentum and energy in bioprocesses. Principles for measuring physical chemical properties, a description of predictive equations for their evaluation and the role of these principles in the design and optimization of bioprocesses.

**COLLEGE(S) INVOLVED:**

- Calumet
- Fort Wayne
- Indianapolis
- North Central
- West Lafayette
- Off Campus

**COURSE ATTRIBUTES:** Check All That Apply:

1. Pass/Not Pass Only
2. Repeatable for Credit
3. Available for Credit by Examination
4. Designator Required
5. Special Fee
6. Approval Required for Enrollment

**INSTRUCTOR:**

**CAMPUSES INVOLVED:**

- Calumet
- Fort Wayne
- Indianapolis
- North Central
- West Lafayette
- Off Campus

**APPROVED BY:**

- [Signatures and dates]

**DATE APPROVED BY GRADUATE COUNCIL:**

[Date]

**CERTIFYING OFFICIAL:**

[Signature]