## Course Request for Addition, Deletion, or Revision of a Course

### Purpose

- Deletion of a course
- New course with supporting documents
- Add existing course offered at another campus
- Change in course number at same level
- Downgrading of course level
- Upgrading of course level
- Change in course title
- Change in semesters offered
- Change in course credits/grade option
- Change in course attributes
- Change in instructional hours
- Change in prerequisites
- Change in description of course content
- Transfer of course from one dept. to another

### Existing

- Subject Abbreviation: BME
- Course Number: 595
- Proposed Title: Biomaterials
- Variable Title: Yes
- Abbreviated Title: Biomaterials

### Proposed

- Subject Abbreviation: BME
- Course Number: 583

### Semesters Offered

- Summer: No
- Fall: No
- Winter: No
- Spring: Yes

### Cross Listed Courses

<table>
<thead>
<tr>
<th>Instructional Type</th>
<th>Class</th>
<th>FTE</th>
<th>Instructional Type</th>
<th>Class</th>
<th>FTE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Primary</td>
<td>3.0</td>
<td></td>
<td>Auto-tutorial</td>
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<tr>
<td>Secondary</td>
<td></td>
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<td>Ind. Study</td>
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<tr>
<td>Laboratory</td>
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<td>Clinic</td>
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<tr>
<td>Lab. Prep.</td>
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<td>Experiential</td>
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</tbody>
</table>

### Credit Type

1. Fixed Credit: Cr. Hrs. 3
2. Variable Credit Range: Minimum Cr. Hrs. (Check One) To Maximum Cr. Hrs.
3. Equivalency Credit: Yes | No | X
4. Thesis Credit: Yes | No | X

### Course Attributes

- Pass/No Pass Only
- Repeatable for Credit
- Available for Credit by Examination
- Designator Required
- Special Fees
- Approval Required for Enrollment
- Department
- Instructor

### Campus Involved

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

### Course Description (Prerequisites Included)

Admission by consent of instructor. (Offered in alternate years.)

Prerequisite: Principles of biomaterial design, synthesis, and evaluation for various tissues/organs of the body, including orthopaedic/dental, cardiovascular, kidney, liver, lung, skin, nerve, and brain. Topics include fundamentals of materials science and engineering integrated into biology for the better regeneration of tissue. Professor Webster.

Discussion of

### Approval

- Approved 1/20/05
- Date Approved by Graduate Council

### Signatures

- 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: Date
- Undergrad Curriculum Committee: Date
- Indianapolis Department Head: Date
- Indianapolis School Dean: Date
- North Central Department Head: Date
- North Central Vice Chancellor: Date
- West Lafayette Department Head: Date
- West Lafayette School Dean: Date
- West Lafayette Registrar: Date

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**Office of the Registrar**

**MAR 04 2005**