

PURDUE UNIVERSITY
REQUEST FOR ADDITION, DELETION,
OR REVISION OF A COURSE

SCHOOL DOCUMENT NO. 34-03

GRADUATE COUNCIL DOCUMENT NO. 05-2a

Spring 2006

DEPARTMENT Biomedical Engineering

DATE SUBMITTED 8/24/04

DATE EFFECTIVE 1/5/05

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

PURPOSE

- | | |
|---|--|
| <ul style="list-style-type: none"> <input checked="" type="checkbox"/> 1. Deletion of a course <input type="checkbox"/> 2. New course with supporting documents <input type="checkbox"/> 3. Add existing course offered at another campus <input type="checkbox"/> 4. Change in course number at same level <input type="checkbox"/> 5. Downgrading of course level <input type="checkbox"/> 6. Upgrading of course level <input type="checkbox"/> 7. Change in course title | <ul style="list-style-type: none"> <input type="checkbox"/> 8. Change in semesters offered <input type="checkbox"/> 9. Change in course credit/type <input type="checkbox"/> 10. Change in course attributes <input type="checkbox"/> 11. Change in instructional hours <input type="checkbox"/> 12. Change in prerequisites <input type="checkbox"/> 13. Change in description of course content <input type="checkbox"/> 14. Transfer of course from one dept. to another |
|---|--|

EXISTING:

Subject Abbreviation ~~BME~~
Course Number ~~595~~

PROPOSED:

Subject Abbreviation BME (ABE 560)
Course Number 521

SEMESTERS OFFERED

Check All That Apply.

Summer Fall Ag Winter Spring

Proposed Title Biosensors: Fundamentals and Applications

Variable Title Yes No ☒

Abbreviated Title Biosns: Fndmtls & App

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

CROSS LISTED COURSES

ABE 560

CREDIT TYPE

- | | |
|---------------------------|--|
| 1. Fixed Credit: | Cr. Hrs. 3.0 |
| 2. Variable Credit Range: | |
| Minimum Cr. Hrs. | |
| (Check One) To | Or |
| Maximum Cr. Hrs. | |
| 3. Equivalent Credit: | Yes No <input checked="" type="checkbox"/> |
| 4. Thesis Credit: | Yes No <input checked="" type="checkbox"/> |

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 Fees |
| 6. Approval Required for Enrollment |
| Department |
| Instructor |

Instructional
Type

Class
Hours

FTE

Instructional
Type

Class
Hours

FTE

Instructional
Type

Class
Hours

FTE

CAMPUS(ES) INVOLVED

Calumet
Fort Wayne
Indianapolis
North Central
West Lafayette ☒
Off Campus

COURSE DESCRIPTION (PREREQUISITES INCLUDED):

Prerequisites: ~~BOL 295E~~, CHM 116 and MA 266 or equivalent.

An introduction to the field of biosensors and an in-depth and quantitative view of device design and performance analysis. An overview of the current state of the art to enable continuation into advanced biosensor work and design. Topics emphasize biomedical, bio-processing, environmental, food safety, and bio-security applications. Professor Rickus.

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

Indianapolis Department Head

Date

Indianapolis School Dean

Date

Undergrad Curriculum Committee

Date

North Central Department Head

Date

North Central Vice Chancellor

Date

APPROVED 3/24/05

Date Approved by Graduate Council

West Lafayette Department Head

Date

West Lafayette School Dean

Date

Graduate Council Secretary

Date

Graduate Area Committee Convener

Date

Graduate Dean

Date

West Lafayette Registrar

MAY 27 2005