**PROPOSED:**

**EXISTING:**

<table>
<thead>
<tr>
<th>Subject Abbreviation</th>
<th>Course Number</th>
<th>Subject Abbreviation</th>
<th>Course Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>BME</td>
<td>60000</td>
<td></td>
<td></td>
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</tbody>
</table>

**Long Title:** Mentoring for Combined Degree (MD/PhD) Students in BME

**Short Title:** BME MD/PhD Mentoring

**TERMS OFFERED:**
- [ ] Summer
- [x] Spring
- [x] Fall
- [ ] Winter
- [ ] Summer II

**CAMPUS(E) INVOLVED:**
- [ ] Calumet
- [ ] Fort Wayne
- [ ] Indianapolis
- [ ] N. Central
- [ ] W. Lafayette
- [ ] Tech Statewide

**CREDITS TYPE:**

1. Fixed Credit: Cr. Hrs. 0
2. Variable Credit Range: [ ] Minimum Cr. Hrs. 0 [ ] Maximum Cr. Hrs. 0

**COURSE ATTRIBUTES:**

- [x] Pass/Not Pass Only
- [ ] Satisfactory/Unsatisfactory Only
- [x] Repeatable
- [ ] Maximum Repeatable Credit: N/A
- [ ] Credit by Examination
- [ ] Designator Required
- [ ] Special Fees

**Institutional Type:**

- [ ] Lecture
- [ ] Laboratory
- [ ] Lecture Presentation
- [ ] Lab Prep
- [ ] Studio
- [ ] Distance
- [ ] Clinic
- [ ] Experiential
- [ ] Research
- [ ] Ind. Study
- [ ] Pract/Observe

**Instructional Hours:**

- [x] Arranged Hours

**COURSE DESCRIPTION (INCLUDE REQUISITES):**

Specialized course for MD/PhD students that is intended to maintain communication and orientation to the BME graduate program during the first two years of the combined degree program when students are completing medical school requirements on the Indianapolis campus. Requirements include attendance at one or more BME seminars on the West Lafayette campus; at least two research planning sessions with BME faculty members, BME Graduate Program Coordinator, or Assistant Head; and participation in one additional graduate program activity. Prerequisite is admission to the Combined MD/PhD Program.

Dr. Brightman and Professor Talavage.

**Calumet Undergrad Curriculum Committee**

**Calumet Department Head**

**Calumet School Dean**

**Fort Wayne Department Head**

**Fort Wayne School Dean**

**Indianapolis Department Head**

**Indianapolis School Dean**

**North Central Department Head**

**North Central Chancellor**

**West Lafayette Department Head**

**West Lafayette College/School Dean**

**Graduate Council Area Committee Chair**

**Graduate Dean**

**Undergrad Curriculum Committee Date**

**APPROVED 11/20/08**

**OFFICE OF THE REGISTRAR**

12/23/08
DEPARTMENT: Biomedical Engineering  EFFECTIVE SESSION: Fall 2007

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

1. New course with supporting documents
2. Add existing course
3. Expiration of a course
4. Change in course number
5. Change in course title
6. Change in course credit/type
7. Change in course attributes
8. Change in instructional hours
9. Change in course description
10. Change in course prerequisites
11. Change in semesters offered
12. Transfer from one department to another

PROPOSED:
Subject Abbreviation: BME
Course Number: 600
Long Title: Mentoring for Combined Degree (MD/PhD) Students in BME
Short Title: BME MD/PhD Mentoring
Abbreviated title will be entered by the Office of the Registrar if omitted. (22 CHARACTERS ONLY)

EXISTING:
Subject Abbreviation: 
Course Number: 

TERMS OFFERED
Check All That Apply:
Summer: No  Spring: Yes  Fall: Yes

CAMPUS(ES) INVOLVED
Calumet  Ft. Wayne  Indianapolis  N. Central  W. Lafayette  Cont Ed  Tech Statewide

CRedit TYPE
1. Fixed Credit: Cr, Hrs. 0
2. Variable Credit Range: Minimum Cr, Hrs (Check One) To Maximum Cr, Hrs
3. Equivalent Credit: Yes No
4. Thesis Credit: Yes No

COURSE ATTRIBUTES: Check all That Apply
1. Pass/Not Pass Only
2. Satisfactory/Unsatisfactory Only
3. Repeatable
4. Maximum repeatable credit:
5. Credit by Examination
6. Designator Required
7. Special Fees
8. Variable Title
9. Remedial
10. Honors
11. Full Time Privilege
12. Off Campus Experience

Instructional Type Minutes Per Mtg Meetings Per Week Weeks Offered % of Credit Allocated Delivery Method (Asyn. Or Syn) Delivery Medium (Audio, Internet, Live, Text-Based, Video)

Cross-Listed Courses

COURSE DESCRIPTION (INCLUDE REQUISITES):
Specialized course for MD/PhD students that is intended to maintain communication and orientation to the BME graduate program during the first two years of the combined degree program when students are completing medical school requirements on the Indianapolis campus. Requirements include attendance at one or more BME seminars on the West Lafayette campus; at least two research planning sessions with BME faculty members, BME Graduate Program Coordinator, or Assistant Head; and participation in one additional graduate program activity. Prerequisite is admission to the Combined MD/PhD Degree program.

Calumet Undergrad Curriculum Committee  Date
Calumet Department Head  Date
Fort Wayne Department Head  Date
Indianapolis Department Head  Date
North Central Department Head  Date
West Lafayette Department Head  Date
Graduate Council Area Committee Chair  Date

Calumet School Dean  Date
Fort Wayne School Dean  Date
Indianapolis School Dean  Date
North Central Chancellor  Date
West Lafayette College/School Dean  Date
Graduate Dean  Date
West Lafayette Registrar  Date

OFFICE OF THE REGISTRAR
To: Faculty of the Schools of Engineering

From: Faculty of Weldon School of Biomedical Engineering

Subject: New Graduate Level Course - BME 600 Mentoring for Combined Degree (MD/PhD) Students in BME

The Faculty of the Weldon School of Biomedical Engineering has approved the following new course and submits it for your approval.

BME 600 Mentoring for Combined Degree (MD/PhD) Students in BME

Sem. 1, 2, and SS. Cr. 0.
May be repeated for credit.
Prerequisite: Admission to Combined MD/PhD Degree Program.

Course Description: Specialized course for combined degree students (MD/PhD) intended to maintain communication and orientation to the BME graduate program in the Weldon School of Biomedical Engineering during the first two years of combined degree program. Requirements include attendance at one or more BME seminars on the West Lafayette campus; at least two research planning sessions with BME faculty mentors, BME Graduate Programs Coordinator, or Assistant Head; and participation in at least one additional graduate program activity.

Reasons: Combined degree students are strongly encouraged to begin serious research activity during the summers before and after their first year of Indiana University School of Medicine courses. During these summers they are registered for research credit and are recognized as active graduate students in the Purdue BME PhD program. However, during the regular academic year the students typically are not registered in Purdue courses and thereby lose active student status and related privileges. In addition, they often lose contact with and orientation to the graduate program, which is ultimately detrimental to the student’s research program. By requiring students to register for this new course, students will remain active in Purdue’s BME graduate program, fee rates will remain constant, and mentoring in the processes of orientation and research planning on the West Lafayette campus will continue uninterrupted.

Requested by: Head of Biomedical Engineering

Date:
BME 600 Mentoring for Combined Degree (MD/PhD) Students in BME

Supporting Documentation:

Person-In-Charge: Andrew O. Brightman

Level: Graduate – typically first-two years of MD/PhD program

Credit: 0

Class: Student is responsible for scheduling meetings to meet the requirements outlined in the course description

Course Objective: Student will maintain communication with and become orientated to the BME graduate program in the Weldon School of Biomedical Engineering during the first two years of combined degree program.

Required text: none

Assessment: Based on official documentation of having met attendance requirements outlined in course description. Examples of acceptable graduate program activities include the following:
- New student orientation (fall)
- Open House (spring)
- BME Graduate Student Association sponsored event
- BME Graduate student/faculty presentation at Purdue
- BME graduate student prelim/final defense
- BME-sponsored workshops (e.g., critical literature analysis in fall)

APPROVED FOR THE FACULTY
OF THE SCHOOLS OF ENGINEERING
BY THE COMMITTEE ON
FACULTY RELATIONS

CFR Minutes 5

Date 10/20-06

Chairman CFR