Course Change Request

Date Submitted: 11/13/17 2:37 pm

Viewing: BMEN 680 : Biomedical Engineering of Tissues

Last edit: 11/19/17 10:02 am

Changes proposed by: mlyons

Catalog Pages referencing this course

- BMEN - Biomedical Engineering
- Department of Biomedical Engineering

Contact(s)

<table>
<thead>
<tr>
<th>Name</th>
<th>E-mail</th>
<th>Phone</th>
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<tbody>
<tr>
<td>Maria Lyons</td>
<td><a href="mailto:mlyons@tamu.edu">mlyons@tamu.edu</a></td>
<td>9798452312</td>
</tr>
</tbody>
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Rationale for Course

Edit

The proposed changes are part of a routine curriculum review.

Course prefix  BMEN  Course number  680
Department  Biomedical Engineering
College/School  College of Engineering
Academic Level  Graduate
Academic Level (alternate)  Undergraduate
Effective term  2018-2019
Complete Course Title  Biomedical Engineering of Tissues
Abbreviated Course Title  BMED ENGR OF TISSUES

Catalog course description

Introduction to engineering strategies used to repair tissue; literature-grounded overview of current strategies using stem cells, 3D scaffolds and drug/gene delivery including ethical considerations of these therapies.

Prerequisites and Restrictions

Graduate classification  BMEN 343-or approval of instructor.

Concurrent Enrollment  No
Should catalog prerequisites / concurrent enrollment be enforced?  No Yes

Crosslistings  No  Crosslisted With
Stacked  No  Stacked with

In Workflow

1. BMEN Department Head
2. Curricular Services Review
3. EN Committee Preparer GR
4. EN Committee Chair GR
5. EN College Dean GR
6. GC Preparer
7. GC Chair
8. Faculty Senate Preparer
9. Faculty Senate
10. Provost II
11. President
12. Curricular Services
13. Banner

Approval Path

1. 11/15/17 2:40 pm Mary McDougall (mmcduagall): Approved for BMEN Department Head
2. 11/19/17 10:02 am Sandra Williams (sandra-williams): Approved for Curricular Services Review
3. 11/30/17 11:19 am Jennifer Veracruz (jveracruz): Approved for EN Committee Preparer GR
4. 12/07/17 10:41 am Prasad Enjeti (enjeti): Approved for EN Committee Chair GR
5. 12/13/17 9:04 pm Prasad Enjeti (enjeti): Approved for EN College Dean GR
6. 01/02/18 4:35 pm LaRhea Johnson (ljohnson): Approved for GC Preparer
7. 01/20/18 9:36 pm LaRhea Johnson (ljohnson): Approved for GC Chair

https://nextcatalog.tamu.edu/courseleaf/approve/
BMEN 680: Biomedical Engineering of Tissues

<table>
<thead>
<tr>
<th>Semester</th>
<th>3</th>
<th>Contact Hour(s)</th>
<th>Lecture: 3</th>
<th>Lab: 0</th>
<th>Other: 0</th>
<th>Total: 3</th>
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<td>Credit</td>
<td>3</td>
<td>Hour(s)</td>
<td></td>
<td></td>
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Repeatability:
- Repeatable for credit? No
- Three-peat? No

Course Information:
- CIP/Fund Code: 1405010006
- Default Grade Mode: Letter Grade(G)
- Alternate Grade Modes: Satisfactory/Unsatisfactory
- Method of instruction: Lecture

Will sections of this course be taught as non-traditional? (i.e., parts of term, distance education)
- No

Will this course be taught as a distance education course?
- No

Is 100% of this course going to be taught in Texas?
- Yes

Will classroom space be needed for this course?
- Yes

This will be a required course or an elective course for the following programs:

<table>
<thead>
<tr>
<th>Program(s)</th>
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<tbody>
<tr>
<td>(MEN-BMEN) Master of Engineering in Biomedical Engineering</td>
</tr>
<tr>
<td>(MS-BMEN) Master of Science in Biomedical Engineering</td>
</tr>
<tr>
<td>(PHD-BMEN) Doctor of Philosophy in Biomedical Engineering</td>
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</table>

Course Syllabus

- Syllabus:
  - Upload syllabus
- Upload syllabus

- Letters of support or other documentation:
  - No

- Additional information:
  - Removing UG course prerequisite to allow for easier graduate student registration. Most graduate students take a similar course at a previous institution.

- Reviewer Comments
- Reported to state?
- No