Biomedical Engineering (PhD)

Degree Requirements

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
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<tbody>
<tr>
<td></td>
<td>52 hour minimum</td>
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<td></td>
<td><strong>BME 802</strong> Advanced Seminar in Biomedical Engineering (each semester (except the semester prior to graduation))</td>
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<td>or <strong>BME 890</strong> Doctoral Preliminary Examination</td>
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<td></td>
<td>Biology/Medicine: A two semester sequence covering core aspects of relevant biology and physiology</td>
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<td>Engineering: 6 hours</td>
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<td>Graduate-level mathematics: 3 hours</td>
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<td>Graduate-level statistics: 3 hours</td>
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<td></td>
<td>Scientific/Technical Electives: 9 hours minimum</td>
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<td>Dissertation Research: 6 hours minimum</td>
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<td><strong>Total Hours</strong></td>
<td><strong>52</strong></td>
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</tbody>
</table>

Faculty

Full Professors

- Ke Cheng
- Paul A. Dayton
- Caterina M. Gallippi
- Shawn Gomez
- Edward Grant
- He (Helen) Huang
- Frances Smith Ligler
- H. Troy Nagle Jr.
- Roger Jagdish Narayan
- J. Michael Ramsey
- Koji Sode

Associate Professors

- Ted Bateman
- Jacqueline Heather Cole-Husseini
- Michael Daniele
- Robert G. Dennis
- Matthew Bruce Fisher
- Michael Gamcsik
- Derek Gary Kamper

Assistant Professors

- Soumya Rahima Benhabbour
- Ashley Carson Brown
- Yevgeny Brudno
- Brian Diekman
- Jason Franz
- Donald (Danny) Freytes
- Andrea Giovannucci
- Xiaogang Hu
- Alon Greenbaum
- Wesley Legant
- Imran Rizvi
- Michael Sano

Practice/Research/Teaching Professors

- Lianne A. Cartee
- Kenneth Donnelly
- Oleg V. Favorov
- Devin Hubbard
- Naji Hussein
- George Todd Ligler
- Ross Petrella
- Anka Veleva