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

Faculty

Full Professors
Ke Cheng
Paul A. Dayton
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
Robert G. Dennis
Caterina M. Gallippi
Michael Gamcsik
Derek Gary Kamper
David S. Lalush
Jeffrey M. Macdonald
Scott Magness
Gianmarco Francesco Pinton
Nitin Sharma
Mark A. Tommerdahl
David Alexander Zaharoff

Assistant Professors
Soumya Rahima Benhabbour
Ashley Carson Brown
Yevgeny Brudno
Jacqueline Heather Cole-Husseini
Michael Daniele
Brian Diekman
Matthew Bruce Fisher
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
Richard L. Goldberg
Devin Hubbard
Naji Hussein
George Todd Ligler
Hatice Orun Ozturk
Ross Petrella
Anka Veleva