Biomedical Engineering (MS): MedTech Innovation and Entrepreneurship Concentration

Degree Requirements

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
<th>Counts towards</th>
</tr>
</thead>
<tbody>
<tr>
<td>BME 501</td>
<td>Biomedical Innovation and Entrepreneurship I - Needs Discovery</td>
<td>27</td>
<td>Core Courses</td>
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<tr>
<td>BME 502</td>
<td>Biomedical Innovation and Entrepreneurship II - Design and Regulation</td>
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<tr>
<td>MBA 576</td>
<td>Technology Entrepreneurship and Commercialization I</td>
<td>27</td>
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<tr>
<td>BME 551</td>
<td>Medical Device Design</td>
<td>27</td>
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<tr>
<td>BEC 575</td>
<td>Global Regulatory Affairs for Medical Products</td>
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<tr>
<td>BME 503</td>
<td>Biomedical Innovation and Entrepreneurship III - Product Development</td>
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<tr>
<td>MBA 577</td>
<td>Technology Entrepreneurship and Commercialization II</td>
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<td>MBA 572</td>
<td>Venture Opportunity Analytics</td>
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Technical Elective Course
Select a minimum of three credit hours of 500-level or 700-level technical coursework from the following course prefixes: BME, CHE, CE, ECE, ISE, MSE, MAE, or NE as approved in conjunction with the program advisor.

Total Hours 30

* Other graduate courses in applied or technical fields at NC State or UNC-Chapel Hill as approved in conjunction with the program advisor.

Faculty

Full Professors
Ke Cheng
Paul A. Dayton
Caterina M. Gallippi
Shawn Gomez
Edward Grant
He (Helen) Huang
Cristina Lanzas
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
David S. Lalush
Jeffrey M. Macdonald
Scott Magness
Gianmarco Francesco Pinton
Nitin Sharma
Mark A. Tommerdahl
David Alexander Zaharoff

Assistant Professors
Imran Rizvi
Soumya Rahima Benhabbour
Ashley Carson Brown
Yevgeny Brudno
Brian Diekman
Jason Franz
Donald (Danny) Freytes
Andrea Giovannucci
Xiaogang Hu
Alon Greenbaum
Kennita Adrian Johnson
Wesley Legant
Ming Liu
William Polacheck
Imran Rizvi
Michael Sano

Practice/Research/Teaching Professors
Ilya Arakelyan
Lianne A. Cartee
Kenneth Donnelly
Oleg V. Favorov
Devin Hubbard
Naji Hussein
George Todd Ligler
Ross Petrella
Anka Veleva

Lecturer
Sidhartha Jandhyala