

Biomedical Engineering (MS): Translation Innovation and Entrepreneurship Concentration

Degree Requirements

Code	Title	Hours
Core Courses		27
BME 501	Biomedical Innovation and Entrepreneurship I - Needs Discovery	
BME 502	Biomedical Innovation and Entrepreneurship II - Design and Regulation	
MBA 576	Technology Entrepreneurship and Commercialization I	
BME 551	Medical Device Design	
BEC 575	Global Regulatory Affairs for Medical Products	
BME 503	Biomedical Innovation and Entrepreneurship III - Product Development	
MBA 577	Technology Entrepreneurship and Commercialization II	
MBA 572	Venture Opportunity Analysis Analytics	

Code	Title	Hours
BME Technology Elective		3
BME 525	Bioelectricity	
BME 540	Nanobiotechnology Processing, Characterization, and Applications	
BME 544	Orthopaedic Biomechanics	
BME 560	Medical Imaging: X-ray, CT, and Nuclear Medicine Systems	
BME 583	Tissue Engineering Technologies	
BME 584	Fundamentals of Tissue Engineering	
BME 790	Advanced Special Topics in Biomedical Engineering	
BME 590	Special Topics in Biomedical Engineering	
Total Hours		30

Faculty

Full Professors

Ke Cheng
 Paul A. Dayton
 Shawn Gomez
 Edward Grant
 He (Helen) Huang
 Frances Smith Ligler

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 Roger Jagdish Narayan
 J. Michael Ramsey
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Associate Professors

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Assistant Professors

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 Matthew Bruce Fisher
 Jason Franz
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 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

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