

BIOMEDICAL ENGINEERING

Biomedical engineers apply mathematics, science, and engineering knowledge to solve healthcare-related problems that improve quality of life and reduce the cost of healthcare to society. They design assistive, diagnostic, and therapeutic tools, in collaboration with healthcare professionals. They work in research institutions, clinics, and industry.

According to the United States Bureau of Labor Statistics, employment of biomedical engineers is projected to grow 23 percent from 2014

to 2024, much faster than the average for all occupations. Growing technology and its application to medical equipment and devices, along with an aging population, will increase demand for the work of biomedical engineers.

Programs

- Biomedical Engineering, BSE (<https://catalog.uwm.edu/engineering-applied-science/biomedical-engineering/biomedical-engineering-bse/>)

Faculty

Name	Rank	Degree	School	Graduate Faculty	Emeritus Faculty
Mahsa Dabagh	Assistant Professor	PhD	Lappeenranta University of Technology	✓	
Ranjan Dash	Adjunct Associate Professor (Medical College of Wisconsin faculty)	PhD	Indian Institute of Technology		
Guilherme Garcia	Adjunct Associate Professor (Medical College of Wisconsin faculty)	PhD	Universidade Federal de Minas Gerais, Brazil		
Veysi Malkoc	Visiting Assistant Professor	PhD	The Ohio State University		
Devendra Misra	Professor, Chair	PhD	Michigan State University	✓	
Priyatha Premnath	Assistant Professor	PhD	Ryerson University	✓	
Jacob Rammer	Assistant Professor	PhD	Marquette University	✓	
Pradeep Rohatgi	UWM Distinguished Professor	ScD	Massachusetts Institute of Technology		
Brooke Slavens	Associate Professor	PhD	Marquette University	✓	