BIOMEDICAL ENGINEERING

OVERVIEW
Department website: https://www.uvm.edu/cems

OVERVIEW
Leveraging strong ties between the University of Vermont’s College of Engineering and Mathematical Sciences and the Larner College of Medicine, the new Master of Science in Biomedical Engineering (MSBME) was created to give students the opportunity to develop advanced skills so that they may apply engineering methods to address problems related to human health. Students enrolled in the MS in BME program will have the opportunity to pursue a research-oriented thesis based, project-based or coursework based program.

DEGREES
Biomedical Engineering AMP
Biomedical Engineering M.S.

FACULTY
Bates, Jason H. T.; Professor, Department of Medicine-Pulmonary; DSc, Canterbury University
Fiorentino, Niccolo; Assistant Professor, Department of Mechanical Engineering; PHD, University of Virginia
McGinnis, Ryan; Assistant Professor, Department of Electrical and Biomedical Engineering; PHD, University of Michigan
Oldinski, Rachael Ann; Assistant Professor, School of Engineering; PHD, Colorado State University

Courses
BME 227. Biomedical Instrumentation. 3 Credits.
Measurement techniques for biomedical engineering research and industry, and health care institutions. Integrated biomedical monitoring, diagnostic, and therapeutic instrumentation.
Prerequisite: EE 100 or EE 004. Co-requisite: EE 121, ANPS 020, or Instructor permission. Cross-listed with: EE 227.