BIOENGINEERING

OVERVIEW
The Bioengineering Ph.D. is an interdisciplinary graduate degree that leverages the close proximity on campus of the School of Engineering and the College of Medicine. The program is administered by the School of Engineering with strong involvement of the College of Medicine, and has a particular focus on complex systems. Students take courses in both the STEM disciplines and the biomedical sciences, including a core of required courses and a selection of electives as suits their research interests. Co-mentoring between faculty in engineering and the biomedical sciences is encouraged.

DEGREES
- Bioengineering Ph.D.

FACULTY
Bates, Jason H. T.; Professor, Department of Medicine-Pulmonary; DSC, Canterbury University
Bentil, Daniel E.; Associate Professor, Department of Mathematics and Statistics; DPHIL, University of Oxford
Berger, Christopher Lewis; Professor, Department of Molecular Physiology and Biophysics; PHD, University of Minnesota Twin Cities
Beynon, Bruce David; Professor, Department of Orthopaedics and Rehabilitation; PHD, University of Vermont
Cipolla, Marilyn Jo; Professor, Department of Neurological Sciences; PHD, University of Vermont
Dubief, Yves C.; Associate Professor, School of Engineering; PHD, Institut National Polytechnique de Grenoble
Eppstein, Margaret Jean; Professor and Chair, Department of Computer Science; PHD, University of Vermont
Henry, Sharon Margaret; Professor, Department of Rehabilitation and Movement Science; PHD, University of Vermont
Hitt, Darren Lee; Professor, School of Engineering; PHD, Johns Hopkins University
Huston, Dryver R.; Professor, School of Engineering; PHD, Princeton University
Krag, Martin Hans; Professor, Department of Orthopaedics and Rehabilitation; MD, Yale University
Marshall, Jeffrey Scott; Professor, School of Engineering; PHD, University of California Berkeley
Oldinski, Rachael Ann; Assistant Professor, School of Engineering; PHD, Colorado State University
Ossareh, Hamid; Assistant Professor, Department of Electrical and Biomedical Engineering, PHD; University of Michigan, Ann Arbor, MI
Rizzo, Donna Marie; Professor, School of Engineering; PHD, University of Vermont
Spector, Peter Salem; Professor, Department of Medicine-Cardiology; MD, Albert Einstein College of Medicine
Warshaw, David; Professor and Chair, Department of Molecular Physiology and Biophysics; PHD, University of Vermont

Wu, Ge; Professor, Department of Rehabilitation and Movement Science; PHD, Boston University
Wu, Jun-Ru; Professor, Department of Physics; PHD, University of California Los Angeles
Yu, Jun; Professor, Department of Mathematics and Statistics; PHD, University of Washington Seattle

Courses
BIOE 391. Master’s Thesis Research. 1-18 Credits.
BIOE 395. Special Topics. 1-18 Credits.
See Schedule of Courses for specific titles.
BIOE 396. Special Topics. 1-18 Credits.
See Schedule of Courses for specific titles.
BIOE 491. Doctoral Dissertation Research. 1-18 Credits.