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; Associate Professor, Department of Molecular Physiology and Biophysics; PHD, University of Minnesota Twin Cities

Beynnon, 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

Dunlop, Mary J.; Assistant Professor, School of Engineering; PHD, California Institute of Technology

Eppstein, Margaret Jean; Associate Professor, 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

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 Michael; Professor, 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.