**Biomedical Engineering Signal Processing Cluster**

**Required Courses:**
- BE 200 Introduction to Probability
- BE 401 Signals and Systems in Biomedical Engineering
- BE 402 Control Systems in Biomedical Engineering

**Biomedical Electives:**
- BE 511 Biomedical Instrumentation
- BE 515 Introduction to Medical Imaging
- BE 519 Speech Processing by Humans and Machines
- BE 740 Parameter Estimation and Systems in BME
- BE 747 Advanced Signals and Systems in Biomedical Engineering

**Engineering and/or Professional Electives:**
- EC 415 Communication Systems
- EC 416 Introduction to Digital Signal Processing
- EC 505 Stochastic Processes
- EC 516 Digital Signal Processing
- EC 520 Digital Signal Processing and Communication