Ph.D. Program in Biomedical Engineering
Stevens Institute of Technology

Ph.D. Program requirements

**Entering with bachelor’s degree**
84 credits
- At least 30 course credits
- Some courses may be research projects
- At least 30 doctoral research credits

**Required courses**
- BME 600 Strategies and Principles of Design
  *Engineering and business analysis of medical devices*
- BME 701 Scientific Writing in BME
  *Composition of review or research paper*
- PRV 961 Doctoral Signature Credit Seminar
  *Scientific communications course*

**Qualifying examination**
- Written Ph.D. proposal and oral defense
- Proposal due one semester after term in which complete first 30 credits

**Publish first-authored paper on dissertation research in peer-reviewed journal**

**Doctoral dissertation and defense**

**Entering with master’s degree**
54 credits
- At least 15 course credits
- Some courses may be research projects
- At least 30 doctoral research credits

**Required courses**
- BME 600 Strategies and Principles of Design
  *Engineering and business analysis of medical devices*
- BME 701 Scientific Writing in BME
  *Composition of review or research paper*
- PRV 961 Doctoral Signature Credit Seminar
  *Scientific communications course*

**Qualifying examination**
- Written Ph.D. proposal and oral defense
- Proposal due one year after entering program

**Publish first-authored paper on dissertation research in peer-reviewed journal**

**Doctoral dissertation and defense**