

Biomedical Engineering
Department of Biomedical Engineering
Program Requirement Checklists
Summer 2009 – Spring 2010

Master of Science – Biomedical Engineering2

Doctor of Philosophy – Biomedical Engineering3

Degree: **Doctor of Philosophy – Biomedical Engineering**
Matriculation Term: **Summer 2009 Fall 2009 Winter 2010 Spring 2010**

Degree Requirements:

- Cumulative GPA at or above 3.0
- Qualifying exam: 1) approval of dissertation proposal by advisory committee; 2) oral, public presentation of the dissertation proposal; 3) oral exam on chosen specialty and core BME topics
Date qualifying exam completed: _____
- Advancement to Ph.D. candidacy after required coursework and passing qualifying exam
Date of advancement: _____
- ≥ 54 credits of BME 603 – Ph.D. Dissertation Research (begun after advancement to candidacy)
- Doctoral dissertation that documents a significant, original research contribution of publishable quality in both content and presentation – written dissertation and oral defense
- ≥ 135 credit hours of course and research credits

Curriculum: **Credits** **Grade** **Term**

- The following courses are required:*
 - BME 607 – Biomedical Engineering Seminar (minimum 3 terms; every term recommended)

 - CONJ 650 – Principles of Scientific Conduct and Practice _____
 - MATH 630 – Probability and Statistical Inference _____
- Four (4) additional courses (with prior approval of advisor):*

- Additional courses that may be required by SPC to address important BME skills and knowledge missing from background preparation:*

- BME 601 – *Pre-qualifying Ph.D. Research*

