

Bioengineering PhD Degree Requirements

Revised: 03-06-12

Student: _____

Studies Committee:

Name	Department	Signature	Date
Chair	_____	_____	_____
Advisor	_____	_____	_____
Co-Advisor	_____	_____	_____
External member	_____	_____	_____

Degree program outline sent to Graduate College

(Must be done prior to the 3rd semester of study)

Studies Committee Chair signature Date

Core Courses (17 credits)

The following courses, or their equivalents, are required.

1. CS302/CSYS302 Complex Systems (3 credits)

Studies Committee Chair signature Date

2. ME312/CSYS312 Advanced Bioengineering Systems (3 credits)

Studies Committee Chair signature Date

3. MPBP 301 & 302 Human Physiology & Pharm (8 credits)

Studies Committee Chair signature Date

4. Advanced Math or Statistics Course (3 credits)

Studies Committee Chair signature Date

Technical Electives (≥ 13 credits)

A minimum of 13 credits of approved course work in engineering, math, physics together with anatomy, physiology, biology, biochemistry, biophysics or other approved courses at or above the 200 level as necessary to round out the student's pursuit of graduate level competence in both quantitative methods and biomedical systems. These courses will be decided by the student in consultation with the Studies Committee, and the Committee Chair will sign off when each course is successfully completed.

5. Course: _____

Studies Committee Chair signature Date

6. Course: _____

Studies Committee Chair signature Date

7. Course: _____

Studies Committee Chair signature Date

8. Course: _____

Studies Committee Chair signature Date

9. Course: _____

Studies Committee Chair signature Date

Teaching requirements:

Either giving three research seminars, or

serving as a GTA for one semester

Completion date Advisor signature

Comprehensive Examination

(Must be taken by the end of the 4th semester of study)

Studies Committee Chair signature Date

Thesis (≥ 45 credits)

Proposal

(Must be completed by the end of the 6th semester of study)

Studies Committee Chair signature Date

Defense

Studies Committee Chair signature Date