

Biomedical Engineering, PhD

Academic Plans

Sample Plan of Study

Sample plans represent one way to complete a program of study. Actual course selection and sequence will vary and should be discussed with an academic advisor. For additional sample plans, see MyUI.

Biomedical Engineering, PhD

| Course | Title | Hours |
|---|--|-----------|
| Academic Career | | |
| Any Semester | | |
| 72 s.h. must be graduate level coursework; graduate transfer credits allowed upon approval. More information is included in the General Catalog and on department website. ^a | | |
| Graduate College program GPA of at least 3.00 is required. ^b | | |
| Hours | | 0 |
| First Year | | |
| Any Semester | | |
| Exam: Doctoral Qualifying Exam | | |
| Hours | | 0 |
| Fall | | |
| BME:5010 | Seminar in Biomedical Engineering | 0 |
| ENGR:7270 | Engineering Ethics ^c | 1 |
| HHP:3500 | Human Physiology ^d | 3 |
| ME:5113 | Mathematical Methods in Engineering ^e | 3 |
| Other required course ^f | | 3 |
| Hours | | 10 |
| Spring | | |
| BME:5010 | Seminar in Biomedical Engineering | 0 |
| Other required course ^f | | 3 |
| Other required course ^f | | 3 |
| Other required course ^f | | 3 |
| Hours | | 9 |
| Second Year | | |
| Fall | | |
| BME:5010 | Seminar in Biomedical Engineering | 0 |
| Other required course ^f | | 3 |
| Other required course ^f | | 3 |
| Other required course ^f | | 3 |
| Hours | | 9 |
| Spring | | |
| BME:5010 | Seminar in Biomedical Engineering | 0 |
| Other required course ^f | | 3 |
| Other required course ^f | | 3 |
| Other required course ^f | | 3 |
| Hours | | 9 |

Third Year

Fall

| | | |
|--|-----------------------------------|----------|
| BME:5010 | Seminar in Biomedical Engineering | 0 |
| Optional coursework or additional research hours | | 3 |
| Other required course ^f | | 3 |
| Other required course ^f | | 3 |
| Hours | | 9 |

Spring

Exam: Doctoral Comprehensive Exam

| | | |
|--|-----------------------------------|----------|
| Dissertation Prospectus | | |
| BME:5010 | Seminar in Biomedical Engineering | 0 |
| Optional coursework or additional research hours | | 3 |
| Optional coursework or additional research hours | | 3 |
| Optional coursework or additional research hours | | 3 |
| Hours | | 9 |

Fourth Year

Fall

| | | |
|--|---|----------|
| BME:5010 | Seminar in Biomedical Engineering | 0 |
| BME:7999 | Research: Biomedical Engineering PhD Dissertation | 6 |
| Optional coursework or additional research hours | | 3 |
| Hours | | 9 |

Spring

| | | |
|--|---|-----------|
| BME:5010 | Seminar in Biomedical Engineering | 0 |
| BME:7999 | Research: Biomedical Engineering PhD Dissertation | 6 |
| Optional coursework or additional research hours | | 3 |
| Exam: Doctoral Final Exam ^g | | |
| Hours | | 9 |
| Total Hours | | 73 |

a Students must complete specific requirements in the University of Iowa Graduate College after program admission. Refer to the Graduate College website and the Manual of Rules and Regulations for more information.

b Graduate College program GPA is comprised of all courses that are approved degree requirements. If a student takes more than the minimum required number of semester hours to complete the degree, but all courses taken are eligible to count toward the degree, those courses will be included in the Graduate College program GPA.

c Does not count toward the total hours required for the degree.

d Course substitution or waiver allowed upon approval.

e Or equivalent graduate level mathematics course; advisor approval required prior to registration.

f 18 s.h. must be graduate coursework at the 5000 level or above from the College of Engineering or courses from the approved elective list; work with faculty advisor to determine appropriate graduate coursework and sequence.

g Dissertation defense.