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.