

Ph.D. in Biomedical Engineering (Interdisciplinary)

The Ph.D. program will require a total of 90 credit hours beyond the B.S. degree in the following categories:

- 24 credit hours of core biomedical engineering courses
- 21 credit hours of track courses
- 3 credit hours of seminars, with additional BME 6001 seminar courses recommended each semester in the program with a maximum of seven
- 36 credit hours of research
- 6 credit hours of dissertation

The M.S. program will include the first 24 course credit hours listed above, along with 3 credit hours of technical electives, 3 credit hours of seminars, and 6 thesis credit hours

Applicants from countries where English is not the first language are required to demonstrate English proficiency. Please consult the graduate school (<http://catalog.utep.edu/admissions/graduate/graduate-student/>) website for required scores.

Degree Plan

Required Credits: 90

Code	Title	Hours
PhD in Biomedical Engineering		
Research:		
Select thirty-six hours of the following:		36
BME 6193	Doctoral Clinical Research ^C	
BME 6194	Doctoral Research ^C	
BME 6294	Doctoral Research ^C	
BME 6394	Doctoral Research ^C	
BME 6494	Doctoral Research ^C	
BME 6594	Doctoral Research ^C	
BME 6694	Doctoral Research ^C	
Seminars:		
Select three hours of the following:		3
BME 6101	Doctoral Research Symposium I ^C	
BME 6102	Doctoral Research Symposium II ^C	
BME 6001	Doctoral Seminar	
Required Courses:		
BIOL 6304	Physiological Regulatory Mech ^C	3
BME 6192	Clinical Rotations for Eng ^C	1
BME 6196	Medical Device Practicum ^C	1
BME 6301	BME for Global Health ^C	3
BME 6302	Telemedicine & Imaging Info ^C	3
BME 6303	Research & Lab Methods	3
BME 6304	BME Device Design & Regulation ^C	3
DRSC 6495	Anatomy for Rehab Sciences	4
MGMT 6314	Corporate Entrepreneurship	3
Prescribed Electives:		
Select four courses of the following:		12
BME 6310	Biomaterials	
BME 5312	C. Course currently in degree plan, but no longer offered. Please see advisor for substitution.	
BME 6313	Tissue Engineering	
BME 5320	C. Course currently in degree plan, but no longer offered. Please see advisor for substitution.	
BME 6321	Biomechanics	
BME 5323	C. Course currently in degree plan, but no longer offered. Please see advisor for substitution.	
BME 5350	C. Course currently in degree plan, but no longer offered. Please see advisor for substitution.	

BME 6351	Physiological Measurements	
BME 5353	C. Course currently in degree plan, but no longer offered. Please see advisor for substitution.	
Free Electives:		
Select nine additional hours of graduate courses		9
Dissertation:		
BME 6398 & BME 6399	Dissertation and Dissertation ^C	6
Total Hours		90