REGENERATIVE MEDICINE, MINOR IN

The minor in regenerative medicine consists of 18 credits and is intended for non biomedical engineering majors.

Course	Title	Hours
Required courses		
EGRB 111	Introduction to Biological Systems in Engineering	3
or BIOL 300	Cellular and Molecular Biology	
EGRB 209	Applied Physiology for Biomedical Engineers	4
or PHIS 206	Human Physiology	
Electives		**11-12**
EGRB 403	Tissue Engineering	
EGRB 410	Cellular Engineering	
EGRB 411	Cell Mechanics and Mechanobiology [1]	
or EGRB 517	Cell Mechanics and Mechanobiology	
EGRB 412	Regenerative Engineering and Medicine [1]	
or EGRB 512	Regenerative Engineering and Medicine	
EGRB 415	Cellular and Molecular Engineering Techniques	
EGRB 427	Biomaterials	
EGRB 491	Special Topics (see adviser for approval)	
or EGRB 591	Special Topics in Biomedical Engineering	
EGRB 513	Cellular Signal Processing [1]	
EGRB 515	Manufacturing of Biomaterials [1]	
ENGR 291	Special Topics in Engineering (may be used for up to three credits of research) [2]	
Total Hours		**18**

1 These courses also count towards the accelerated M.S. program.

2 Biology, chemistry and physics majors may count an undergraduate research course if the topic is approved for regenerative medicine.