



## Technical Complementary Courses - Bioengineering

		Credits	Prerequisites/Co-requisites
BIEN 320	Molecular, Cellular, and Tissue Biomechanics	3	P - Permission of Instructor
BIEN 462	Engineering Principles in Physiological Systems	3	-
BIEN 510	Applications of Nanoparticles in the Biomedical Sciences	3	P - Permission of Instructor
BIEN 570	Active Mechanics in Biology	3	-
BMDE 504	Biomaterials and Bioperformance	3	-
BMDE 505	Cell and Tissue Engineering	3	-
CHEE 314	Fluid Mechanics	3	P - CHEE 204 or BIEN 200 / C - MATH 264
CHEE 563	Biofluids and Cardiovascular Mechanics	3	P - CHEE 314 or MECH 331 or Permission of Instructor
CIVE 207	Solid Mechanics	4	P - Permission of Instructor
MECH 547	Mechanics of Biological Materials	3	P - MECH 210, MIME 260 or MIME 261, or Permission of Instructor
MIME 261	Structure of Materials	3	-
MIME 470	Engineering Biomaterials	3	P - MIME 261 or equivalent; Permission of Instructor

Last update: July 2016