

Technical Complementary Courses - Bioengineering

		Credits	Prerequisites/Co-requisites
BIEN 310	Introduction to Biomolecular Engineering	3	P - Permission of Instructor
BIEN 320	Molecular, Cellular, and Tissue Biomechanics	3	P - Permission of Instructor
BIEN 330	Introduction to Tissue Engineering	3	P - Permission of Instructor
BIEN 550	Biomolecular Devices	3	P - Permission of Instructor
BIEN 570	Active Mechanics in Biology	3	P - Permission of Instructor
BIOC 311	Metabolic Biochemistry-	3	*BIOL 200, BIOL 201 or BIOC 212, CHEM 222
BMDE 509	Quantitative Analysis and Modelling of Cellular Processes	3	P - Permission of Instructor
CHEE 370	Elements of Biotechnology	3	-
CHEE 390	Computational Methods in Chemical Engineering	3	*CHEE 204, COMP 208, MATH 263
CIVE 557	Microbiology for Environmental Engineering	3	P - Permission of Instructor
CIVE 558	Biomolecular Techniques for Environmental Engineering	3	P - CIVE 225 or Permission of Instructor
PHYS 534	Nanoscience and Nanotechnology	3	-

*Prerequisites waived for Bioengineering students

**Prerequisites replaced with BIEN 350 and BIEN 462, and MATH 223 waived for Bioengineering students

Last update: July 2016