

Minor in Biomedical Engineering
College of Engineering
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Prefix and Number	Required Courses	SCH
BIOL 2311/ BIOL 2111 or BIOL 2313 BIOL 2113	Human Anat/Physiology I + Lab or Human Anat/Physiology II + Lab	4
BME 3303*	Foundations of BME I	3
BME 3305*	Foundations of BME II	3

Prefix and Number	Prescribed Engineering Elective Courses	SCH
EE 4385	Biomedical Instrumentation	3
EE 4395, IE 4395, MECH 4395, or MME 4371	Approved Special Topics course (e.g. telemedicine, rehabilitation, biomems, tissue engineering, BME signal and image analysis and processing)	3
MME 3312	Biomaterials, Biomedical Printing and Development	3

Prefix and Number	Prescribed Physical/Health Sciences Elective Courses	SCH
BIOL 3414	Molecular Cell Biology	4
BIOL 3320	Genetics	3
BIOL 4320	Endocrinology	3
BIOL 4388	Mammalian Physiology	3
BIOL 4395	Topics in Biology	3
CBCH 3414	Cellular Biochemistry	4
CBCH 4330	Mechanisms of Cellu Toxico	3
CBCH 4310	Techniques in Mol Biochem	3
CHEM 4334	Structural Biochemistry	3
CHEM 4335	Structural Biochemistry	3
CLSC 2310	Medical Diag Application	3
CLSC 3454	Clinical Chemistry	4
HSCI 3316	Community Nutrition	3
HSCI 3322	Sports Nutrition	3
HSCI 3323	Nutrition Thru the Life Cycle	3
KIN 2332	Motor Learning and Control	3
KIN 3331	Anatomical Kinesiology	3
MICR 4453	Immunology	4
OT 3114	Medical Terminology	1

PHYS 4370	Health Physics I	3
PHYS 4371	Health Physics II	3
SPLP 4310	Aural Rehabilitation	3
ZOOL 4380	Vertebrate Physiology	3