MS in Biomedical Engineering

For 3-year B.Sc. graduates

Sample Degree Plan (Non-Thesis)

Year 1: Fall Semester

Course	Classification	Credit Hours	Course Title
BMEN 2210	UG-leveling	3	DAQ in BMEN
BMEN 5940	Graduate course	1	Seminar
BMEN 5315	Graduate course	3	Computational BMEN
BMEN 5321	Graduate course	3	Biomaterials
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Year 1: Spring Semester

Course	Classification	Credit Hours	Course Title
BMEN 2320*	UG-leveling	3	Biomedical Instrument.
BMEN 3312	UG-leveling	3	Biomechanics
BMEN 5324 or BMEN 5325	Graduate course	3	BioMEMS or Nanotechnology
		9	

Year 2: Fall Semester

Course	Classification	Credit Hours	Course Title
BMEN 5210	Graduate course	2	BMEN Lab
BMEN 5xxx	Graduate course	3	BMEN Elective
BMEN 5320	Graduate course	3	Advanced Biomechanics
Elective	Graduate course	3	5000-level elective
		11	

Year 2: Spring Semester

Course	Classification	Credit Hours	Course Title
BMEN 5310	Graduate course	3	Clinical Instrumentation
BMEN 5xxx	Graduate course	3	BMEN Elective
Elective	Graduate course	3	5000-level elective
Elective	Graduate course	3	5000-level elective
		12	

*May need to take a programming course concurrently, if no programming experience