

### BME ELECTIVES\*

CATALOG	TITLE	CREDITS
BME 3100	Physiological Modeling	3
BME 3401	Introduction to Computational & Systems Biology	3
BME 3810	Computational Genomics	3
BME 4201	Introduction to Medical Imaging (new for '13-'14)	3
BME 4300	Physiological Control Systems	3
BME 4400	Dynamical Modeling of Biological Networks	3
BME 4401	Computational Foundations of Systems Biology	3
BME 4500	Bioinstrumentation	3
BME 4600	Biosolid Mechanics	3
BME 4701	Advanced Biomaterials	3
BME 4710	Introduction to Tissue Engineering	3
BME 4800	Bioinformatics	3
BME 4985	Special Topics in BME	1-3
BME 4999	Independent Study	1-3
BME 5000-6000 level**	Graduate Course(s) with Instructor Consent	3

\*Likely to be offered; check the official University Catalog for a complete list of BME courses

\*\*Graduate-level courses taken during the undergraduate career can be used to meet either an undergraduate or graduate degree requirement, not both. If the grade is less than a "B", it cannot be used towards a graduate degree.