

Name: _____

A#: _____

Date: _____

Biological Engineering Graduate Programs

Graduate Program	Coursework Credits	Research Credits	Total Credits
Post-MS PhD	24	12	36
Post-BS PhD	30	30	60
MS-A	24	6	30
MS-B	27	3	30

Credit Requirements

Graduate degrees in Biological Engineering (BE) require 15 credits of core mandatory graduate BE coursework (see chart below). The balance of graduate courses (electives) are determined by the student, the major professor, and the student's graduate committee. Elective courses must follow the guidelines of the School of Graduate Studies for inclusion on a student's Program of Study and must be approved by the student's committee. Elective graduate courses can be chosen outside the BE department.

Semester	Biological Engineering Required Graduate Core Courses (15 credits)		
	BENG 6810	Biochemical Engineering (offered: Fall)	3
	BENG 6600	Downstream Processing (offered: Spring)	3
	BENG 6630	Synthetic Biological Engineering (offered: Spring)	3
	BENG 6860/7860	Research Orientation & Planning (offered: Fall)	2
	BENG 6510/7510	Graduate Seminar (offered: Fall)	1
	STAT 5200 OR CEE 6660	Design of Experiments (offered: Spring) Environmental and Hydrological Data Analysis and Experimentation (offered: Fall)	3
	Possible Graduate Elective BE Courses:		
	BENG 6910	Biosensors (offered: Spring)	3
	BENG 6890	Tissue Engineering (offered: Spring)	3
	BENG 6620	Metabolic Engineering (offered: Fall)	3
	BENG 6850	Advanced Biomaterials (offered: Fall)	3
	BENG 6880	BioMEMS (offered: Fall)	3
	BENG 6930	Biological Engineering Special Topics* (offered: Fall, Spring, Summer)	1-3
	Other Related Coursework Credit		
	Graduate student's committee may choose other related graduate coursework as needed to complete the student's program of study and support their research project. See pages 12 & 13 for list of approved courses.		

* Up to 3 credits of BENG 6930 may be counted towards the degree program.