

Worksheet for Master of Science in Biomedical Engineering (MSBE): Course Only Option

This is a non – thesis option degree. This degree does not require an undergraduate degree in engineering. Complete background courses in Chemical/Biomedical Engineering as needed.

Course	Description	Credits	Semester Offered	Semester Taken/Grade
BME 6000	Biomedical Engineering Part 1	3	Fall	
BME 6000	Biomedical Engineering Part 2	3	Spring	
PHC 6051	Biostatistics II	3	Spring	
GMS 6440	Basic Medical Physiology*	3	Fall	
GMS 6605	Basic Medical Anatomy	3	Fall	
Elective		3	Fall/Spring/Summer	
Elective			Fall/Spring/Summer	
Elective			Fall/Spring/Summer	
Elective			Fall/Spring/Summer	
Elective			Fall/Spring/Summer	
Total		30	GPA:	

* BME 6931, Engineering Physiology may be taken instead of GMS 6440, to satisfy the BME physiology course requirement.

9 of the 15 elective credits must be 5000 level or higher engineering courses as approved by a supervisory committee. Electives can include Ind. Study or Dir. Research courses.

Master of Science in Biomedical Engineering (MSBE): Thesis Option

This degree does not require an undergraduate degree in engineering but background courses in Chemical/Biomedical Engineering will be completed as needed. Students who intend to pursue a Ph.D. are encouraged to complete this degree.

Course	Description	Credits	Semester Offered	Semester Taken/Grade
BME 6000	Biomedical Engineering Part 1	3	Fall	
BME 6000	Biomedical Engineering Part 2	3	Spring	
PHC 6052	Biostatistics II	3	Spring	
GMS 6440	Basic Medical Physiology*	3	Fall	
GMS 6605	Basic Medical Anatomy	3	Fall	
BME 6971	Master's Thesis	6	All	
Elective		3	All	
Elective		3	All	
Elective		3	All	
Total		30	GPA:	

* BME 6931, Engineering Physiology may be taken instead of GMS 6440, to satisfy the BME physiology course requirement.

6 of the 9 remaining credit hours must be 5000 level or higher engineering courses as approved by a supervisory committee. Electives can include Ind. Study or Dir. Research courses.