Biosystems Engineering — MS

The MS (thesis option) in Biosystems Engineering requires a minimum of 30 semester credit hours of graduate course work that includes up to 6 credit hours of thesis research. After completion of research, candidates for the MS thesis option must successfully defend the thesis. The specific requirements for the MS (thesis option) are:

Code	Title	Hours
BSEN 7990	Research and Thesis	6
BSEN 6250	Deterministic Modeling for Biosystems	3
BSEN 7950	Seminar	1
Select 6 Credits of Other BSEN Courses (@6000-8999) *		6
Select 6 Credits of Other Engineering Courses (@ 6000-8999) *		6
Select 3 Credits of Statistics or Other Related Courses (@6000-8999) *		3
Select 5 Credits of Other Courses (@ 6000-8999) *		5
Total Hours		**30**

* Specific courses are approved by student advisory committee. BSEN 7990 should be minimum of four credit hours and not more than 6 credit hours.

The MS (non-thesis option) in Biosystems Engineering is offered to those that desire in-depth knowledge in Biosystems Engineering typically needed for non-academic engineering careers. A minimum of 30 semester credit hours of graduate course work is required for this option.

Code	Title	Hours
Biosystems Engineering Non-Thesis (MS)		
BSEN 6250	Deterministic Modeling for Biosystems	3
BSEN 7950	Seminar	1
Select 9 credits of other BSEN courses (@6000-8999) *		9
Select 6 Credits of Other Engineering Courses (@ 6000-8999) *		6
Select 3 Credits of Statistics or other related courses (@6000-8999) *		3
Select 8 Credits of other Courses (@6000-8999) *		8
Total Hours		**30**

* Specific courses are approved by BSEN Graduate Program Coordinator.

The department also offers an accelerated bachelors/masters (ABM) program in Biosystems Engineering. Interested students should contact the department.