

# Biosystems Engineering — PhD

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The Ph.D. in Biosystems Engineering requires a minimum of 60 semester hours of graduate-level course work beyond the bachelor's degree. The total number of credit hours that may be transferred from another accredited institution toward a doctoral degree must be less than 50 percent of the credit hours listed on the Plan of Study. Students must take a qualifying examination (written and oral) administered by the student's advisory committee that tests the student's knowledge and competence in the proposed research area and in the general field of biosystems engineering. The student advances to Ph.D. candidacy after the successful completion of the qualifying examination. The PhD student will conduct independent research and prepare a dissertation. After completion of the dissertation, the student must pass a final oral examination defending his/her dissertation.

Code	Title	Hours
BSEN 8990	Research and Dissertation (Minimum)	10
BSEN 6250	Deterministic Modeling for Biosystems	3
BSEN 7950	Seminar	1
Select 6 Credits of Other BSEN Courses (@6000-8999) *		6
Select 15 Credits of Engineering Courses (@ 6000-8999) *		15
Select 3 Credits of Statistics or Related Courses (@6000-8999) *		3
Select 22 Credits of Other Courses (@ 6000-8999) *		22
<b>Total Hours</b>		<b>60</b>

\* Specific courses are approved by student advisory committee