

Doctor of Philosophy in Engineering Plan of Study

This form is for non-ABE students who were admitted to the doctoral program in fall 2012 or later.

Student Name:		Student ID:
Date:	Department:	Specialization:
Minimum 90 credits beyond the bachelor's degree, including minimum 40 credits of course work		
A. Advanced Engineering Math – minimum 2 courses (6 credits)		
	Credits	Semester
	Grade	
ESC 702 – Advanced Optimization		
ESC 704 – Stochastic Systems		
ESC 706 – Advanced Partial Differential Equations		
Other Advanced Engineering Math Courses (see PhD in Engineering web page)		
B. Graduate Non-Engineering Courses – minimum 2 courses (6 credits)		
Graduate non-engineering courses must be taken outside the Engineering College, must be approved by your advisor, and must be acceptable for credit toward a graduate degree of the offering department.		
C. Research Communications – minimum 2 courses (4 credits)		
ESC 720 – Research Communications	3	
Alternate Research Communications Course (see PhD in Engineering web page)		
ESC 850 – Doctor of Engineering Seminar	1	
D. Specialization Core Courses – minimum 12 credits		
E. Specialization Elective Courses – minimum 12 credits		

F. Flexible Credits – minimum 20 credits – Flexible credits must be College of Engineering course work or research credits at the 500-level or above, and must be approved by your advisor.

Course Title	Credits	Semester	Grade
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G. Research credits – minimum 30 credits combined of xxx 895 and xxx 899

xxx 895 – Doctoral Research – A maximum of 10 credits of Doctoral Research can apply toward the minimum 30 hour research credits requirement.

Credits	Semester	Grade	Credits	Semester	Grade
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xxx 899 – Dissertation – A minimum of 20 credits of Dissertation must apply toward the minimum 30 hour research credits requirement.

Credits	Semester	Grade	Credits	Semester	Grade
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H. Total course credits (non-research credits) taken at CSU (20 hours minimum):

Total credits (course and research combined) taken at CSU (60 hours minimum):

Total credits beyond the bachelor’s degree (90 hours minimum):

I. Date of satisfactory completion of the Qualifying Exam:

The Qualifying Exam must be completed before 24 credits have been taken in the doctoral program.

Date of satisfactory completion of the Candidacy Exam:

J. Approval signatures:

Student: _____ Date: _____

Dissertation Advisor: _____ Date: _____

Doctoral Program Director: _____ Date: _____