

# Doctor of 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:
<b>Minimum 90 credits beyond the bachelor's degree, including minimum 39 credits of course work</b>		
<b>A. Advanced Engineering Math – minimum 2 courses (6 credits)</b>		
	Credits	Semester
	Grade	
ESC 702 – Advanced Optimization ESC 704 – Stochastic Systems ESC 706 – Advanced Partial Differential Equations Other Advanced Engineering Math Courses (A list of approved Advanced Engineering Math Courses is available on the DRE web page)		
<b>B. Graduate Non-Engineering Courses – minimum 2 courses (6 credits)</b>		
(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)		
<b>C. Research Communications – minimum 1 course (3 credits)</b>		
(A list of approved Research Communications courses is available on the DRE web page)		
<b>D. Specialization Core Courses – minimum 12 credits</b>		
<b>E. Specialization Elective Courses – minimum 12 credits</b>		

**F. Flexible Credits – minimum 21 credits** (Flexible credits can be College of Engineering course work or research credits at the 600-level or above, and must be approved by your advisor)

Credits                      Semester                      Grade

**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

**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

**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: \_\_\_\_\_

Chair of Graduate Affairs Committee: \_\_\_\_\_ Date: \_\_\_\_\_