

Year when taken	Semester when taken	Dept & Course Number	Credit Hours	Course Title	Final Grade	Transfer Institution	Counts toward another degree
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RESEARCH METHODS (6 cr) (One qualitative research methods course and one quantitative research methods course)

ENGE SEMINAR (Up to four credits count toward degree)

		ENGE 5704		ENGE Seminar			
		ENGE 5704		ENGE Seminar			
		ENGE 5704		ENGE Seminar			
		ENGE 5704		ENGE Seminar			

ELECTIVES (6 cr)

ALL OTHER GRADED 5000- AND 4000-LEVEL COURSES

TRANSFERRED RESEARCH COURSES

- Note:** (1) At least 9 credits will normally be at the 6000 level, relevant to the student's research (do not have to be ENGE courses).
(2) Up to 30 credits from a Masters degree may be counted toward the PhD at the discretion of the student's advisory committee.
(3) ENGE 5704: Engineering Education Graduate Seminar should be taken every semester and counts toward the 90 credits.
(4) All courses must be A - F unless only offered as P/F. No audit courses are allowed on the Plan of Study.
(5) A final grade of "B" or better MUST be entered for each transfer. An original transcript must be on file with the Graduate School for each transfer course.
Total transfer hours should be the same or less than Virginia Tech hours.
(6) All courses on the Plan of Study that are more than 5 years old at the time the Plan of Study is submitted must be revalidated.

Engineering Education Proposed Plan of Study Totals & Expected Exam Dates

Total Engineering Education Core Hours (Minimum of 12) _____

Total Research Hours (Minimum of 30) _____

Total Education Concentration Hours (Minimum of 9) _____

Total Engineering Concentration Hours (Minimum of 15) _____

Total Research Methods Hours (Minimum of 6) _____

Total Seminar Hours (Maximum of 4) _____

Total Electives Hours (Minimum of 6) _____

Total All Other Graded 5000- & 4000-Level Courses _____

Total Transferred Research Courses _____

Total Plan Hours (Minimum of 90) _____

Expected Date of PhD Qualifying Exam _____

Expected Date of PhD Preliminary Exam _____

Expected Date of Final Exam _____

Engineering Education PhD Advisory Committee Justification

Last Name First Name M.I.
ID # Email

Student Signature

Committee Members

_____ Signature & Title (Chair, Co-Chair)	<input type="text"/>	_____ (Date)
_____ Signature & Title (Co-Chair, Member)	<input type="text"/>	_____ (Date)
_____ Signature (Member)	<input type="text"/>	_____ (Date)
_____ Signature (Member)	<input type="text"/>	_____ (Date)
_____ Signature (Member)	<input type="text"/>	_____ (Date)
_____ Signature (Member)	<input type="text"/>	_____ (Date)
_____ Signature (Graduate Director)	<input type="text"/>	_____ (Date)

The Advisory Committee for a PhD candidate must include a minimum of **four** members, with at least three being members of the ENGE teaching faculty. One member of the committee must be from outside the ENGE department.

Members of your PhD graduate advisory committee are recommended by you and your advisor and approved by the Engineering Education Graduate Committee. The following section is for providing a short justification for the selection of each member of the PhD Advisory Committee.

List major components of expected research:

List committee members and how their areas of expertise relate to these research components:

Note: If a proposed member is non-tenure track or not a Virginia Tech faculty member, an additional form from the Graduate School is required:
http://www.grads.vt.edu/forms/academics/Grad_Progr_Fac_Addl_Members.doc