

## Plan of Study: EER Ph.D. Degree

Student: \_\_\_\_\_ UMID: \_\_\_\_\_

Student's E-mail: \_\_\_\_\_

Required coursework for the EER Ph.D. degree includes 36 credits: the Engineering Education Core (6 credits), the Research Methods Core (12 – 20 credits), an Immersive Learning Experience (3 credits), and Specialization Electives (up to 15 credits). In addition, all EER Ph.D. students should accrue approximately 48 credits of research prior to graduation: during the first three terms of the program, students may complete up to least 6 credits of EER 690 to conduct directed research with an EER faculty member; then, after identifying a dissertation topic but before reaching candidacy, students may enroll in EER 990 (up to 8 credits/term). After achieving candidacy, students must enroll in 8 credits of EER 995 each fall and winter term until graduation.

### Engineering Education Core (6 Credit Hours)

<i>Course</i>	<i>Term</i>	<i>Credits</i>
EER 601: <i>Foundations of Engineering Education Research</i>		3
EER 602: <i>Theoretical and Conceptual Frameworks in EER</i>		3

### Research Methods Core (12 – 20 Credit Hours) – list course number and name

A 2-course sequence on quantitative research methods and a 2-course sequence on qualitative research methods.

<i>Course</i>	<i>Term</i>	<i>Credits</i>
Quant #1		
Quant #2		
Qual #1		
Qual #2		
Total:		

### Immersive Learning Experience (3 Credit Hours)

<i>Course</i>	<i>Term</i>	<i>Credits</i>
EER 610: <i>Practicum – Immersive Learning Experience</i>		3

### Specialization Electives (up to 15 Credit Hours) – list course number and name, one per row

May include up to 3 credits of EER 598 and up to 6 credits of EER 690 (but no other independent study credit).

<i>Course</i>	<i>Term</i>	<i>Credits</i>
Total:		

**Research Credits – list course number and name, one per row**

<i>Course</i>	<i>Term</i>	<i>Credits</i>
Total:		

Initial plan of study  
 Signature of EER Graduate Chair: \_\_\_\_\_ Date: \_\_\_\_\_

Revised plan of study  
 Signature of Students' EER Faculty Advisor: \_\_\_\_\_ Date: \_\_\_\_\_  
 Signature of EER Graduate Chair: \_\_\_\_\_ Date: \_\_\_\_\_

Revised plan of study  
 Signature of Students' EER Faculty Advisor: \_\_\_\_\_ Date: \_\_\_\_\_  
 Signature of EER Graduate Chair: \_\_\_\_\_ Date: \_\_\_\_\_

Revised plan of study  
 Signature of Students' EER Faculty Advisor: \_\_\_\_\_ Date: \_\_\_\_\_  
 Signature of EER Graduate Chair: \_\_\_\_\_ Date: \_\_\_\_\_

Final plan of study  
 Signature of Students' EER Faculty Advisor: \_\_\_\_\_ Date: \_\_\_\_\_  
 Signature of EER Graduate Chair: \_\_\_\_\_ Date: \_\_\_\_\_