

Prior to defending their dissertation, Human Factors PhD students must complete at least six seminar/special topics courses at the 700 level or above totaling a minimum of 12 credits; at least three totaling at least 6 credits of these must be in the Human Factors and Ergonomics area. Students may use 700+ level seminar courses also as breadth courses if not Human Factors focused towards requirements. Other courses may qualify. Students may submit courses to the HFE Area group for consideration.

HFE 700+ Seminar/Special Topics Course # and Title	HFE Area (6 cr)	Credits
	x	
	x	
	Total Credits:	

Qualifying Exam Requirement

[ISyE P 08.1](#): Qual Exam must be taken within 5 semesters of ISyE graduate program start

Qual Exam Area: _____

Semester/Year to be Taken: _____

Breadth Requirement (Approved by Advisor)

Course #	Course Title	Area	
			Total: 6 credits

The breadth requirement is to make sure the PhD student achieves minimum competence in multiple areas of industrial and systems engineering. It consists of taking at least two courses (6 credits) in two different areas outside of the student's focus area. (See course options page 27, [ISyE Graduate Handbook](#). Students must obtain a grade of B or above in both courses. Breadth courses must be completed before a PhD student can request their Preliminary Warrant. Courses the student has taken before entering the PhD program can be counted toward this breadth requirement, including courses taken as an undergraduate.

Colloquium Requirement (Approved by Advisor)

Colloquium Series Information

For at least two semesters, students must regularly attend a colloquium lecture series according to [ISyE P 11.1](#) section 4.6.* The appropriate colloquium series must be approved by the student's faculty advisor, and attendance at the approved series must be confirmed by the student's faculty advisor when the student submits their PhD Preliminary Exam request. Examples include the ISyE Colloquium and the Systems, Information, Learning and Optimization (SILO) seminars. Enrollment in ISyE 961 PhD Seminar does NOT meet this seminar requirement.

Minor Information

Minor Area: _____

Option A (in another dept.): _____

Option B: Distributed

Faculty Advisor: _____

Signature

Date

Print Name

ISyE Department Review (for dept review & approval after submission)

Associate Chair of Academic Affairs: _____

Signature & Date

Prior to registering for IE Qual exam, please upload completed form (signed by your advisor) with tentative program plans to your ISyE Student BOX student folder and send email confirmation to prpeterson@wisc.edu once saved for ISyE Department Review and signature.