

## Program Change Request

Date Submitted: 10/25/17 1:05 pm

Viewing: **INEGPH : Engineering (Industrial Engineering), Doctor of Philosophy**

Last edit: 11/07/17 2:07 pm

Changes proposed by: rossetti

Catalog Pages Using  
this Program

[Engineering, College of \(ENGR\)](#)

[Industrial Engineering \(INEG\)](#)

Submitter:	User ID: <b>rossetti</b>	Phone: <b>479-575-3156</b>
Program Status	<b>Active</b>	
Academic Level	Graduate	
Type of proposal	<b>Major/Field of Study</b>	
Select a reason for this modification		
Making Minor Changes to an Existing Degree (e.g. changing 15 or fewer hours, changing admission/graduation requirements, adding Focused Study)		
Are you adding a concentration?	<b>No</b>	
Are you adding a track?	<b>No</b>	
Are you adding a focused study?	<b>No</b>	
Effective Catalog Year	Fall 2018	
College/School Code	College of Engineering(ENGR)	
Department Code	Department of Industrial Engineering(INEG)	
Program Code	INEGPH	
Degree	Doctor of Philosophy	
CIP Code	14.0101 - Engineering, General.	
Program Title	Engineering (Industrial Engineering), Doctor of Philosophy	
Program Delivery Method	<b>On Campus</b>	
	Is this program interdisciplinary?	
	<b>No</b>	
	Does this proposal impact any courses from another College/School?	
	<b>No</b>	

### In Workflow

1. ENGR Dean Initial
2. GRAD Dean Initial
3. Director of Program Assessment and Review
4. Registrar Initial
5. INEG Chair
6. ENGR Curriculum Committee
7. ENGR Faculty
8. ENGR Dean
9. Global Campus
10. Provost Review
11. University Course and Program Committee
12. Graduate Committee
13. Faculty Senate
14. Provost Final
15. Provost's Office-- Notification of Approval
16. Registrar Final
17. Catalog Editor Final

### Approval Path

1. 10/27/17 3:25 pm  
Norman Dennis (ndennis): Approved for ENGR Dean Initial
2. 10/27/17 4:18 pm  
Patricia Koski (pkoski): Approved for GRAD Dean Initial
3. 10/29/17 1:01 pm  
Alice Griffin (agriffin): Approved for Director of Program Assessment and Review
4. 11/02/17 10:33 am  
Lisa Kulczak

What are the total hours needed to complete the program?	<b>54 beyond the Masters</b>	(Ikulcza): Approved for Registrar Initial 5. 11/02/17 5:41 pm Ed Pohl (epohl): Approved for INEG Chair 6. 11/07/17 2:07 pm
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### Program Requirements and Description

Requirements

In addition to the requirements of the Graduate School, the following requirements have been established by the College of Engineering for all doctoral graduates:

A minimum of 72 semester hours of graduate-level credit beyond the bachelor’s degree.

A minimum of 42 semester hours of graduate-level credit beyond the master’s degree.

**In addition to the requirements of the Graduate School and those established by the College of Engineering for all doctoral graduates, the Department of Industrial Engineering requires that:**

**PhD students pass a Qualifier Exam over a subset of topics in Industrial Engineering determined by the student’s Doctoral Advisory Committee. Students may fail the exam once and retake it. Students who fail the exam twice will be dismissed from the PhD program.**

- 7. 11/08/17 9:02 am Norman Dennis (ndennis): Approved for ENGR Curriculum Committee
- 8. 11/08/17 9:11 am Norman Dennis (ndennis): Approved for ENGR Dean
- 9. 11/08/17 1:14 pm Kiersten Bible (kbible): Approved for Global Campus
- 10. 11/10/17 10:42 am Terry Martin (tmartin): Approved for Provost Review

Are Similar Programs available in the area?	<b>No</b>	
Estimated Student Demand for Program	<b>30</b>	
Scheduled Program Review Date	<b>2019-2020</b>	
Program Goals and Objectives	<p style="text-align: center;"><b>Program Goals and Objectives</b></p> <p><b>Prepare students for independent research in Industrial Engineering.</b>  <b>Prepare students to contribute new knowledge of fundamental importance.</b>  <b>Contribute new knowledge of fundamental importance or significantly modify, amplify, or interpret existing knowledge in a new and important manner.</b></p>	
Learning Outcomes	<p style="text-align: center;"><b>Learning Outcomes</b></p> <p><b>Students will make satisfactory progress toward the degree, preparing for independent research to contribute new knowledge of fundamental importance to Industrial Engineering.</b>  <b>Students will be prepared for independent research in Industrial Engineering.</b>  <b>Students will be prepared to contribute new knowledge of fundamental importance to Industrial Engineering.</b>  <b>Students will contribute new knowledge of fundamental importance to Industrial Engineering or significantly modify, amplify or interpret existing knowledge in a new and important manner.</b>  <b>Students will be able to communicate effectively.</b></p>	

Description and justification of the request

Description of specific change	Justification for this change
Adding the requirement of an additional Qualifier Exam for PhD students.	Student progress needs monitoring earlier in the program (prior to the required candidacy exam).

Upload attachments

Reviewer Comments

Key: 336