

# Program Change Request

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

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

Last edit: 02/02/18 10:42 am

Changes proposed by: rossetti

Catalog Pages Using  
this Program

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

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

Submitter: **479-575-3156**      User ID: **rossetti**      Phone:

Program Status: **Active**

Academic Level: Graduate

Type of proposal: **Major/Field of Study**

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?

**No**

Are you adding a track?

**No**

Are you adding a focused study?

**No**

Effective Catalog Year: Fall 2018

College/School Code:  
College of Engineering(ENGR)

Department Code:  
Department of Industrial Engineering(INEG)

### 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



- (agriffin): Approved  
for University  
Course and Program  
Committee
12. 01/19/18 4:14 pm  
Patricia Koski  
(pkoski): Rollback to  
ENGR Dean Initial  
for Graduate  
Committee
13. 01/26/18 8:34 pm  
Norman Dennis  
(ndennis): Approved  
for ENGR Dean  
Initial
14. 01/30/18 3:32 pm  
Patricia Koski  
(pkoski): Approved  
for GRAD Dean  
Initial
15. 01/30/18 3:39 pm  
Alice Griffin  
(agriffin): Approved  
for Director of  
Program  
Assessment and  
Review
16. 02/02/18 10:40 am  
Lisa Kulczak  
(lkulcza): Approved  
for Registrar Initial
17. 02/02/18 10:41 am  
Lisa Kulczak  
(lkulcza): Approved  
for INEG Chair
18. 02/02/18 10:42 am  
Lisa Kulczak  
(lkulcza): Approved  
for ENGR  
Curriculum  
Committee

- 19. 02/02/18 10:42 am  
Lisa Kulczak  
(lkulcza): Approved  
for ENGR Faculty
- 20. 02/02/18 12:08 pm  
Norman Dennis  
(ndennis): Approved  
for ENGR Dean
- 21. 02/02/18 3:25 pm  
Kiersten Bible  
(kbible): Approved  
for Global Campus
- 22. 02/06/18 12:55 pm  
Terry Martin  
(tmartin): Approved  
for Provost Review
- 23. 02/06/18 3:16 pm  
Alice Griffin  
(agriffin): Approved  
for University  
Course and Program  
Committee
- 24. 02/06/18 3:20 pm  
Patricia Koski  
(pkoski): Approved  
for Graduate  
Committee

14.0101 - Engineering, General.

Program Title

Engineering (Industrial Engineering), Doctor of Philosophy

Program Delivery

Method

**On Campus**

Is this program interdisciplinary?

**No**

Does this proposal impact any courses from another College/School?

**No**

What are the total

**54 beyond the**

hours needed to **Masters**  
complete the  
program?

## 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 **54** ~~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.**

Are Similar Programs available in the area?

**No**

Estimated Student **30**  
Demand for Program

Scheduled Program **2019-2020**  
Review Date

Program Goals and  
Objectives

#### Program Goals and Objectives

**Prepare students for independent research in Industrial Engineering.**  
**Prepare students to contribute new knowledge of fundamental importance.**  
**Contribute new knowledge of fundamental importance or significantly modify, amplify, or interpret existing knowledge in a new and important manner.**

Learning Outcomes

#### Learning Outcomes

**Students will make satisfactory progress toward the degree, preparing for independent research to contribute new knowledge of fundamental importance to Industrial Engineering.**

### Learning Outcomes

**Students will be prepared for independent research in Industrial Engineering.**

**Students will be prepared to contribute new knowledge of fundamental importance to Industrial Engineering.**

**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.**

**Students will be able to communicate effectively.**

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

[INEGPH - Correspondence.pdf](#)

Reviewer Comments

**Alice Griffin (agriffin) (11/10/17 12:40 pm):** Changed minimum hours from 42 to 54 beyond the master's degree with permission from college (see attached correspondence).

**Patricia Koski (pkoski) (01/19/18 4:14 pm):** Rollback: Per Graduate Council vote

**Alice Griffin (agriffin) (01/30/18 3:39 pm):** This request was previously approved by UCPC. Grad Council voted to make some minor changes. It was mistakenly rolled back to ENGR Dean Initial rather than ENGR Dean.

**Lisa Kulczak (lkulcza) (02/02/18 10:41 am):** Administratively moving this back to ENGR Dean.

**Lisa Kulczak (lkulcza) (02/02/18 10:42 am):** Administratively moving this back to ENGR Dean.

**Lisa Kulczak (lkulcza) (02/02/18 10:42 am):** Administratively moving this back to ENGR Dean.

Key: 336