Industrial Engineering MS
iPOS Information Session

Fall 2017
Interactive Plan of Study (iPOS)

The Plan of Study (iPOS) functions as a contract between the student, the academic unit, and the Graduate College.

- iPOS Help Page
- All Master’s students must submit their iPOS in their first semester
  - Fall 2017 deadline: November 1\textsuperscript{st}, 2017
iPOS Submission

Access your iPOS through MyASU

Select degree requirements and anticipated graduation term.
iPOS Submission

Graduate Plan of Study

Select ASU Courses

This step allows you to select courses from your ASU transcript to add to your POS. You may also add courses that you plan to complete in future semesters, in the ASU course catalog.

Please select one of the links below to continue; afterward, you will return automatically to this page.

- Transcript: Select courses from my transcript
- Future: Select future courses

Save and Continue

Transcript: All courses taken, currently taking, or registered in

Future: Courses you plan to take in a future semester
iPOS Submission

Graduate Plan of Study

Plan of Study Advisor/Committee

Please select your Plan of Study/faculty advisor or designate your complete committee.

Enter the last name of your advisor below or you may designate your committee by entering each person; you can enter the first letter of the person’s first name to narrow your search results.

Click the Search button to proceed.

Last Name
First Name

Search

Non-Thesis: Dr. Rong Pan, Program Chair
Thesis: Faculty Chair
### Completed iPOS

#### Graduate Plan of Study

**General**
- **Degree Plan:** Industrial Engineering (MS)
- **Admitted:** 2017 Fall
- **Graduation Deadline:** 2023 Summer
- **Minimum Hours Required:** 30.00
- **Total Hours on POS:** 33.00
- **Current POS GPA:**
- **Overall Graduate GPA:**
- **Program of Study Status:** POS Approved

#### Degree Requirements
- 30 credit hours and a written comprehensive exam
- **Graduate Written Exam:** Incomplete

#### Advisor/Committee

<table>
<thead>
<tr>
<th>Pan Rong</th>
<th>Chair</th>
<th>Assoc Professor</th>
<th>Sch Compt Infor &amp; Dec Sys Engr</th>
</tr>
</thead>
</table>

#### ASU and Transfer Courses

<table>
<thead>
<tr>
<th>Term</th>
<th>Course</th>
<th>Title</th>
<th>Credit Hours</th>
<th>Grade</th>
<th>Error</th>
</tr>
</thead>
<tbody>
<tr>
<td>2017 Fall</td>
<td>IEE 565</td>
<td>Information Systems Engr</td>
<td>3.00</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2017 Fall</td>
<td>IEE 574</td>
<td>Appl Deterministic Oper Rrch</td>
<td>3.00</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2018 Spring</td>
<td>IEE 561</td>
<td>Production Systems</td>
<td>3.00</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2018 Spring</td>
<td>IEE 572</td>
<td>Design Engineering Experiments</td>
<td>3.00</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2017 Spring</td>
<td>IEE 573</td>
<td>Reliability Engineering</td>
<td>3.00</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2018 Summer</td>
<td>IEE 564</td>
<td>Internship</td>
<td>1.00</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2018 Fall</td>
<td>IEE 520</td>
<td>Stat Learning for Data Mining</td>
<td>3.00</td>
<td></td>
<td></td>
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<tr>
<td>2018 Fall</td>
<td>IEE 545</td>
<td>Simulating-Stochastic Systems</td>
<td>3.00</td>
<td></td>
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<tr>
<td>2018 Fall</td>
<td>IEE 561</td>
<td>Six Sigma Methodology</td>
<td>3.00</td>
<td></td>
<td></td>
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<tr>
<td>2018 Fall</td>
<td>IEE 504</td>
<td>Internship</td>
<td>1.00</td>
<td></td>
<td></td>
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<tr>
<td>2019 Spring</td>
<td>IEE 534</td>
<td>Supply Chain Modeling&amp;Analysis</td>
<td>3.00</td>
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<tr>
<td>2019 Spring</td>
<td>IEE 578</td>
<td>Regression Analysis</td>
<td>3.00</td>
<td></td>
<td></td>
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<tr>
<td>2019 Spring</td>
<td>IEE 564</td>
<td>Internship</td>
<td>1.00</td>
<td></td>
<td></td>
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</tbody>
</table>

**Total Credit Hours:** 33.00
Please Note:

• Your Degree Certificate is **required** to be on file with Graduate Admissions before your initial iPOS can be submitted and approved.

• Deficiency courses (i.e. IEE 470) cannot be listed on your iPOS.
iPOS Course Change

The number of credits removed should be equivalent to the number of credits added.

Update: remove courses you did not take or change the term (i.e. from Spring to Fall)
Add: actual courses taken (from transcript) or courses planned in the future

All degree requirements must still be met.
Industrial Engineering M.S.
30 credit hours

4 Core Courses:
- IEE 505 or IEE 506
- IEE 572 or IEE 573 or IEE 578
- IEE 545 or IEE 561
- IEE 574 or IEE 575

*Core must be completed by the 18th credit hour applied to the iPOS

THESIS OPTION (3.2 GPA required)
- 3-4 Courses from one area
  - Areas: OR, PSL, IMS, IS
- 0-1 Electives – Outside of IE must get approval
- IEE 599 Thesis (6 hrs.)
- Successfully defend and pass the oral thesis defense

NON- THESIS OPTION
- 4 Courses from one area
  - Areas: OR, PSL, IMS, IS
- 2 Electives – Outside of IE must get approval
- Pass a Comprehensive Exam on 3 out of the 4 Core Courses.
Special Program: Engineering Logistics

Supervising faculty: Drs. Esma Gel and Rene Villalobos

• Four core courses
• Required classes:
  – IEE 534 Supply Chain Modeling and Analysis. (3)
  – IEE 535 Introduction to International Logistics Systems. (3)
• Two courses from the following list:
  – IEE 530 Enterprise Modeling. (3)
  – IEE 533 Scheduling (3)
  – IEE 561* Production Systems. (3)
  – IEE 574* Applied Deterministic Operations Research Models. (3)
  – IEE 598 Network Flows
• Two more elective course or Research and Thesis

* These courses may be used as area or core courses but not both.
## Lean Six Sigma Black Belt Certificate

<table>
<thead>
<tr>
<th>Required Courses</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>IEE 570 Advanced Quality Control</td>
<td>3</td>
</tr>
<tr>
<td>IEE 581 Six Sigma Methodology</td>
<td>3</td>
</tr>
</tbody>
</table>

### Electives (Choose Two Courses)

<table>
<thead>
<tr>
<th>Course</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>IEE 572 Design Engineering Experiments</td>
<td>3</td>
</tr>
<tr>
<td>IEE 578 Regression Analysis</td>
<td>3</td>
</tr>
<tr>
<td>IEE 561 Production Systems</td>
<td>3</td>
</tr>
<tr>
<td>IEE 530 Enterprise Modeling</td>
<td>3</td>
</tr>
<tr>
<td>IEE 573 Reliability Engineering</td>
<td>3</td>
</tr>
</tbody>
</table>

### Culminating Experience

<table>
<thead>
<tr>
<th>Course</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>IEE 585 Six Sigma Capstone</td>
<td>3</td>
</tr>
</tbody>
</table>

Total Required Credit Hours 15

- No more than 40% of the coursework towards the certificate can be completed prior to admission to the program.
- IEE 585 cannot be included in the MS iPOS.
- IEE 581 and IEE 585 cannot be included in the Ph.D. iPOS.
CPT Internship

- CPT Help Page
- ISSC CPT website

To be eligible for CPT you must have maintained F-1 status for a minimum of one academic year in current degree program.

- 3.2 cumulative, graduate and iPOS GPA
- No Academic Integrity violations within one year.
- MUST BE LISTED ON INITIAL IPOS!!
  - Max 3 credits
CPT and iPOS

• You are strongly encouraged to include the maximum number of allowable CPT credits in your initial IPOS
• Later additions of CPT will not be allowed under any circumstances
• Students will be allowed to remove unused CPT credits from their IPOS
Questions

Christina
A - I

Arzuhan
J – Na

Tammarrra
Nb - Z