Master of Science in Industrial Engineering; 30 Credits Hours

☐ Non-thesis track  ☐ Thesis track

4 CORE COURSES: 12 Credit Hours

- IEE 505 Information Systems Engineering (3)
- IEE 598 Designs of Computational Systems (3)
- IEE 506 Web-Enabled Decision Support System (3)
- IEE 545 Simulating Stochastic Systems (3)
- IEE 561 Production Systems (3)
- IEE 572 Design of Engineering Experiments (3)
- IEE 578 Regression Analysis (3)
- IEE 573 Reliability Engineering (3)
- IEE 574 Applied Deterministic Operations Research Models (3)
- IEE 575 Applied Stochastic Operations Research Models (3)

Students admitted Fall 2014 and earlier with IEE 470 deficiency can take IEE 575 to waive the deficiency, but will not be able to count the course towards the core requirement. Instead it will count towards the area or elective.

4 AREA COURSES (non-thesis) / 3-4 AREA COURSES (thesis)*:

Refer to IE Handbook for a list of area courses

☐ Operations Research (OR)
☐ Production Systems and Logistics (PSL)
☐ Information Management and Systems (IMS)
☐ Industrial Statistics (IS)
☐ Engineering Logistics (Special Program)

Course: ________ Sem: ________ Yr: 20____
Course: ________ Sem: ________ Yr: 20____
Course: ________ Sem: ________ Yr: 20____
Course: ________ Sem: ________ Yr: 20____

2 ELECTIVE COURSES (non-thesis) / 0-1 ELECTIVE CREDITS (thesis)*:

Course: ________ Sem: ________ Yr: 20____
Course: ________ Sem: ________ Yr: 20____

IEE 599: 6 THESIS CREDITS*:

Semester: ________ Year: 20____
Semester: ________ Year: 20____

*Thesis Track: 6 credits of IEE 599 Thesis are required. May substitute 1 Area Course with 1 Elective.

OPTIONAL (Non-Thesis & Thesis):
IEE 584 CPT Internship (Max 2 credits)
Semester: ________ Year: 20____
Semester: ________ Year: 20____

DEFICIENCY COURSEWORK ☐ No assigned Deficiencies

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<thead>
<tr>
<th>Assigned Deficiency</th>
<th>Satisfied?</th>
<th>Semester Completed</th>
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*Must be completed within one year of admission