Master of Science in IE Degree Checklist
(For students entering in the Fall 2017 term or later)

*Instructions*: The purpose of this checklist is to help you ensure that your degree plan satisfies university and departmental policies. Additional university requirements can be found through the OGAPS website.

A. **Required Courses**: 12 hours

<table>
<thead>
<tr>
<th>HHSE Track</th>
<th>MFG Track</th>
<th>OR Track</th>
<th>SI Track (Pick 4 from the list)</th>
</tr>
</thead>
<tbody>
<tr>
<td>ISEN630 ___</td>
<td>ISEN615 ___</td>
<td>ISEN622 ___</td>
<td>ISEN609 ___ ISEN622 ___</td>
</tr>
<tr>
<td>ISEN631 ___</td>
<td>ISEN616 ___</td>
<td>ISEN623 ___</td>
<td>ISEN613 ___ ISEN623 ___</td>
</tr>
<tr>
<td>ISEN635 or 689</td>
<td>ISEN689 (PMP) ___</td>
<td>STAT610 ___</td>
<td>ISEN616 ___ ISEN625 ___</td>
</tr>
<tr>
<td>ISEN616 or PSYC607</td>
<td>ISEN689 (SPM) ___</td>
<td>ISEN602 or 609</td>
<td>STAT610 ___ STAT611 ___</td>
</tr>
</tbody>
</table>

B. **Elective Courses**: at least 24 hours for non-thesis option. At least 20 hours for thesis option, including research hours from Part C. (At most, 3 courses/9 hours may be taken from non-ISEN departments. ISEN 685 is optional, but if used, may be used up to a maximum of 3 hours. ISEN 692 is also optional, but if used, may be used up to a maximum of 3 hours, for non-thesis option students only.)

C. **Thesis Option Students Only**: ISEN 691** (2-6 hrs) _____ ISEN 681 (0-2 hrs) _____

(**At least 2 hrs of ISEN 691 are required. ISEN 681 is optional. The total number of combined ISEN 681 and 691 hours cannot exceed 6.) **Thesis proposal required.**

D. **International Students Only**:

Industrial internship - ISEN 684: 2 hrs, 1 hr per semester _____

(2 hours are required to be included in the degree plan for administrative purposes, but students are not required to use them. If used, does not count towards the minimum degree requirements of 32 or 36 hours. If not used, they will be removed before graduation.)

**Notes**:
1. Thesis option: at least 32 hours; Non-thesis option: at least 36 hours.
2. Graduate courses NOT allowed: STAT 601, CSCE 601, STAT 651, and ISEN 620. STAT 630 or 610 may be used, but not both.
3. For non-thesis option, ISEN 681 hours will not count towards a degree requirement. ISEN 691 is not allowed on a non-thesis degree plan.
4. Generally, no undergraduate courses may be on degree plan. But with prior approval of ISEN Graduate Program Director, up to 2 non-ISEN undergraduate (400-level) courses may be used.
5. The cross-listed sections of ISEN courses (e.g., ISEN/CVEN 642) are considered as ISEN courses.