Master of Science Degree Checklist

**Instructions:** The purpose of this checklist is to help you insure that your degree plan satisfies university and departmental policies. However, you cannot design your degree plan without explicit help from an advisor, since each faculty member will have requirements beyond these minimal departmental requirements.

A. Must have courses satisfying the following conditions:
   (i) STAT 610 ___ (See 7 below)
   (ii) ISEN 620 ___ or both (ISEN 622 ___ and ISEN 623 ___)
   (iii) ISEN 609 ___ or ISEN 602 ___

B. Seminar 2 hours (i.e., two semesters) ISEN 681 _______

C. Thesis Option: ISEN 691 (4 hours maximum) _______

D. Non-thesis Option: ISEN 692 _______
   (not required, but if used, 4 hours maximum)

E. Systems Engineering Option (additional required courses):
   ISEN 627 _____ or ISEN 669 _____
   ISEN 640 ______

F. Additional departmental courses: (the number of hours in ISEN courses from the combined lists of parts A, B, C, D, E, and F must be at least 24 hours)
   ISEN ________ ISEN _______ ISEN ________ ISEN ______
   ISEN ________ ISEN _______ ISEN ________ ISEN ______

G. Industrial internship: ISEN 684 (1 hr per semester, 2 hrs maximum) _______
   (not required, but if used, does not count towards the 24 hours of part F nor towards the minimum degree requirements of 32 or 36 hours)

H. Out-of-department courses: (at least one in addition to STAT 610 above)
   ___________________ ___________________ __________________

Notes:
1. Thesis option: at least 32 hours
2. Non-thesis option: at least 36 hours
3. No prerequisites on degree plan (e.g., MATH 304, STAT 601, CPSC 601, STAT 651)
4. No ISEN undergraduate courses may be on degree plan
5. At most two undergraduate courses at the 300 or 400 level may be used
   (these must be pre-approved by the Committee Chair or the ISEN Graduate Advisor)
6. ISEN 620 may not be used with ISEN 622 or ISEN 623
7. STAT 630 may not be on an M.S. degree plan.
8. The ISEN section of some cross-listed courses is not offered to on-campus students. Such courses (ISEN 642, 644, 660) are taken as courses from the cross-listed department and are considered as out-of-department courses.