

**QUALITY ENGINEERING AND MANAGEMENT
CHECKLIST
THESIS OPTION**

NAME: _____ ID NO. _____

THESIS REQUIREMENT: 24 semester hours of graduate coursework, 6 semester hours of thesis (QEM 599)

Sem. Grade

Complete the following prerequisites prior to enrolling in core courses

Note: If any of these courses have been taken for undergraduate credit, they CANNOT be applied towards graduate credit hours in the QEM degree.

_____ IMAE 450-3 Project Management (Prerequisites: None).....	FA _____	.....
_____ IMAE 465-3 Lean Manufacturing (Prerequisite: none).....	FA _____	.....
_____ IMAE 470a-3 Six Sigma Green Belt (Prerequisite: none).....	FA _____	.....
_____ IMAE 470b-3 Six Sigma Green Belt II (Prerequisite: IT 470a or instructor consent)	FA/SP _____	.....
_____ IMAE 480-3 Six Sigma Black Belt (Prerequisite: IT 470a, 470b or instructor consent)	SP _____	.....

Complete ALL four (4) core courses

QEM 510-3 Quality Assurance (Prerequisites: IT 470a and 470b)	FA _____	_____
QEM 525-3 Six Sigma Black Belt II (Prerequisites: IT 470A, 470b, and 480)	SP _____	.....
QEM 530-3 Lean Manufacturing II (Prerequisite: IT 465)	FA _____	.....
QEM 540-3 Reliability Analysis (Prerequisite: IT 470b).....	SP _____	.....

Complete additional graduate elective courses to satisfy 24 semester hours of graduate coursework

QEM 535-3 Service Quality (Prerequisite: none).....	SP _____	.....
QEM 545-3OL Project Management II (Prerequisite: IT450).....	SP _____	.....
QEM 550-3 Project Leadership (Prerequisite: none).....	FA _____	.....
QEM 555-3OL Human Safety and Risk Management (Prerequisite: none)	SP _____	.....
QEM 565-3OL Management of Information Resources (Prerequisite: none)	FA _____	.....
QEM 570-3OL Energy Management and Conservation (Prerequisite: none).....	FA _____	.....

TOTAL HOURS COMPLETED.....

Graduation Requirements:

- ___ Minimum overall GPA of 3.0.
- ___ A student must earn an A, B, or C in any graduate course accepted for graduate credit.
- ___ Minimum of 21 hours of graduate coursework graded A, B, or C.
- ___ At least one-half of the required number of credit hours earned at SIUC.
- ___ Completion of all courses as indicated in the course of study.
- ___ Completion of 4 core and 4 departmental approved graduate-level courses.
- ___ Must complete degree within 6 years.

Department Representative: _____ **Date:** _____