

**QUALITY ENGINEERING AND MANAGEMENT
(On-Campus Only) CHECKLIST**

NAME: _____ **ID NO.** _____

THESIS OPTION: 12 semester hours core courses, 12 semester hours of electives, 6 semester hours of Thesis (QEM 599).

NON-THESIS OPTION: 12 semester hours of core courses and 18 semester hours of approved, graduate-level electives.

<u>CORE COURSES</u>	<u>Sem.</u>	<u>Grade</u>
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 _____	_____

GRADUATE ELECTIVES

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 _____	_____

PREREQUISITES – may be required prior to enrolling in above core course(s); count as graduate credit

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

COURSE NAME AND NUMBER	SEMESTER	GRADE	CREDIT HOURS

TOTAL HOURS COMPLETED..... _____

Graduation Requirements:

- ___ 15 semester hours of 500-level work at SIUC
- ___ 9 semester hours of coursework after being admitted to program (excludes MFGS 599 and MFGS 592)
- ___ Graduate GPA of 3.0
- ___ 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
- ___ Registration for MFGS 601 (Continuing Enrollment) for each semester, excluding summers as required by Graduate School policy
- ___ Completion of all courses as indicated in your Course of Study
- ___ Completion of 4 core courses: QEM 510, 525, 530, 540
- ___ Must complete degree within 6 years

Thesis Option:

6 hours of Thesis (MFGS 599)
 ___ hours of approved graduate-level electives

Non-Thesis Option

12 hours of above listed core courses
 ___ hours of approved graduate-level electives

Department Representative: _____ **Date:** _____