

GRADUATION REQUIREMENTS, CQAS ADVANCED CERTIFICATE IN LEAN SIX SIGMA

Purpose

The purpose of these requirements is to specify explicitly the graduation requirements, so as to avoid confusion for students, faculty, and administrators.

Requirements

1. Completion of 12 credits, by taking the following four courses: ISEE-682 (Lean Six Sigma Fundamentals), ISEE-660 (Applied Statistical Quality Control) or STAT-621 (Statistical Quality Control), ISEE-760 (Design of Experiments) or STAT-670 (Designing Experiments for Process Improvement), and an elective from an approved list (see below).
Under special circumstances, a student, in conjunction with an advisor, may elect to substitute a different 3-credit KGCOE course for one of the above courses.
2. Overall program GPA of 3.0 or higher.
3. Institute rules for probation and suspension apply. If a student's program GPA falls below 3.0 the student must raise this GPA to at least 3.0 within the next 9 credits of graduate coursework attempted (excluding withdrawals). If this GPA is still under 3.0, the student will be suspended from the program.
4. Completion of course work within seven years. (Exceptions are occasionally granted to this requirement, but the Dean of Graduate studies or the Graduate Council must approve them.)

Approved Electives

Number	Title
ISEE-626	Contemporary Production Systems
ISEE-703	Supply Chain Management
ISEE-704	Logistics Management
ISEE-720	Production Control
ISEE-723	Global Facilities Planning
ISEE-728	Production Systems Management
ISEE-745	Manufacturing Systems
ISEE-750	Systems and Project Management
ISEE-751	Decision & Risk Benefit Analysis
ISEE-752	Decision Analysis
ISEE-771	Engineering of Systems I
ISEE-781	Excellence in New Product Development
ISEE-786	Lifecycle Assessment
BUSI-710	Project Management
DESC-743	Operations & Supply Chain Management
DESC-745	Quality Control & Improvement

At the successful completion of all coursework an advanced certificate will be awarded.

Definition of Program GPA

“Program GPA” for CQAS for this AC is defined to include the following:

Grades for all CQAS courses during and after the quarter of matriculation and that are eligible for transfer into the AC program. This includes all grades, including grades of D and F for courses that the student has taken, even if the student receives permission to retake the course and is assigned a second grade.¹

¹ Grades of D or F do not count toward the fulfillment of program requirements (Institute PPM, D5.0,B). A course may be repeated only with the approval of the dean or designee.

April 15, 2015