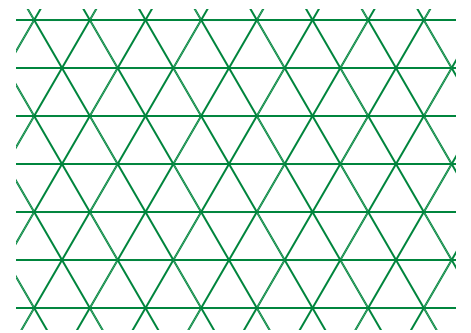# BUSINESS PROJECT MANAGEMENT

develop skills and practices to manage projects

This certificate program aims to equip students with a set of tools that will allow them to achieve Project Management Institute (PMI) standards in the project management area, to successfully manage projects and human resources, and to analyze, evaluate, and improve systems. Specifically it will give students the ability to:

- Identify operations problems and implement solutions for improved strategic competitiveness
- Make sound decisions, plan, and control the key resources of an organization – money and people

- Critically analyze, evaluate, improve, or adapt existing technical and/or managerial systems
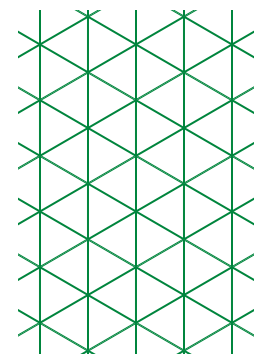- Organize and manage complex projects

Admission requirements

The graduate certificate program is open to all individuals holding a bachelor's, master's or Ph.D. degree in areas such as business, social sciences, technology, engineering, or related disciplines.

In order to receive a Graduate Certificate, the student must have an average graduate cumulative grade point of 3.0 or better on a 4.0 scale in the certificate courses taken. Students admitted only to the certificate program will have non-degree graduate status but will earn graduate credit for the courses they complete.

If the four-course sequence approved by the graduate advisor is completed with a grade of B or better in each of the courses taken, the student will, upon application, be admitted to the Master of Business Administration or to the Master of Science in Information Science and Technology. The certificate courses taken by students admitted to the program will count towards the MBA program or the M.S. in Information Science and Technology degree program.

Once admitted to the Certificate program, a student will be given three years to complete the program as long as a B or better average is maintained in the courses taken.

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COURSE DESCRIPTIONS

REQUIRED CORE COURSES

BUS 6425: Supply Chain and Project Management
This course covers supply chain management and its critical role in developing and maintaining effective and efficient processes in the organization, including operations and project management processes and principles. MBA core. Prerequisite: Graduate standing.
Prerequisite: Graduate standing

BUS 6723: Corporate Information Systems Management
This course is designed primarily for potential managerial end users as managers, entrepreneurs, or business professionals in a technology-enabled business environment; it helps students learn how to use and manage information to revitalize business processes, improve business decision-making, manage IT projects, and gain competitive advantages. MBA core.
Prerequisites: Graduate standing

Eng Mgt 5320: Project Management
Organization structure and staffing; motivation, authority and influence; conflict management; project planning; network systems; pricing, estimating, and cost control; proposal preparation; project information systems; international project management.
Prerequisite: Graduate standing.

Eng Mgt 6322: Case Studies in Project Management
Includes the main components of the Project Management Institute (PMI) Body of Knowledge; case students in project management including project implementation, organizational structures, project estimating, project scheduling, project risk management and conflict management.
Prerequisite: Eng Mgt 5320 or equivalent

* Curriculum is subject to change. Please contact the department for up-to-date information on courses. Other courses approved by the department may be substituted for any of the above listed courses on a case-by-case basis. The administrative coordinators must approve the substitution prior to enrolling in the course.