

# EPY

## Specialization in Project Management

(Edition 2011)

### Obligatory courses

<b>Code</b>	<b>Name</b>	<b>CL</b>	<b>U</b>	<b>CA</b>	<b>UDC</b>
AD4004	Competitive Strategy and Business Design	3.5	12	3	3.5
AD5034	Project Management	3.5	12	3	3.5
FZ5011	Economic Engineering	3.5	12	3	3.5
GI5023	Professional Certification	3.5	12	3	3.5
		14	48	12	14

### Elective Courses

<b>Code</b>	<b>Name</b>	<b>CL</b>	<b>U</b>	<b>CA</b>	<b>UDC</b>
OP5053	Elective I	3.5	12	3	0
OP5054	Elective II	3.5	12	3	0
OP5055	Elective III	3.5	12	3	0
		10.5	36	9	0

**Program and Learning Outcomes****General Program Objectives**

The Specialization in Project Management aims to prepare specialists who use their leadership in an organization to plan, execute, control, close and evaluate projects, managing human and material resources efficiently.

**Learning Outcomes**

On completing the program, students will be able to:

- Initiate, plan, execute, control and close projects correctly.
- Make the best project leadership decisions according to the circumstances.
- Form, integrate and develop effective project management work teams.

**Target Audience**

Graduates from engineering or B.A. undergraduate degrees who are conversant with this area. People who are in charge of areas that require the creation, design, implementation and monitoring of objective-oriented activities, in particular under a project-management system.

## **Program Outcomes**

### **Justification:**

Nowadays, the strategic and operational areas of every public and private organization depend largely on first-rate project management and leadership to optimize the use of the allocated resources.

The specialization in Project Management contributes to the preparation of specialists who address these issues in organizations and who are experts in applying quantitative techniques and tools for project time scheduling and resource allocation in institutions. These methodologies will be optimized by applying specialized computer tools for project management and scheduling.

The Specialization in Project Management is one of the first graduate programs to offer international certifications in the area of project management and administration, specifically the international Project

Management Professional (PMP) certification awarded by the Project Management Institute. Project management is a consolidated field of knowledge at ITESM, which is highly experienced in collaborations, projects, consulting, courses and diploma courses for industry in the area. Project management is an option for professional development that comprises, among others, PMI certifications (Project Management Institute): PMP (Project Management Professional), CAPM (Certified Associate in Project Management).

### **Objective of the specialization:**

The Specialization in Project Management aims to prepare specialists who use their leadership in an organization to plan, execute, control, close and evaluate projects, managing human and material resources efficiently.

### **Learning outcomes:**

The Specialization in Project Management prepares specialists who, on graduating, will also have earned professional certification and will be able to:

- Initiate, plan, execute, control and close projects correctly.
- Make the best project leadership decisions according to the circumstances.
- Form, integrate and develop effective project management work teams.

Campus that offer this program

<b>Campus</b>	<b>Number of periods offered</b>	<b>From</b>	<b>Closed for new students</b>
<b>Ciudad de México</b>	Complete	Trimester Sep - Dec 2011	Trimester Sep - Dec 2022
<b>Estado de México</b>	Complete	Trimester Sep - Dec 2011	
<b>Santa Fe</b>	Complete	Trimester Sep - Dec 2011	Trimester Sep - Dec 2022
<b>Toluca</b>	Complete	Trimester Sep - Dec 2011	Trimester Sep - Dec 2022

**Last update:** 18/August/2022

## Graduate Requirements

To obtain a specialty degree, a master's degree or Ph. D. degree at Tecnológico de Monterrey, students are required to:

1. Have completely finished the undergraduate cycle prior to passing the first course in the curriculum of the specialty, master program, medical residency, or doctoral program.
2. Have fulfilled, in compliance with existing standards, the academic prerequisites of the corresponding program, through proficiency tests or the corresponding remedial courses.
3. Have obtained a bachelor degree—with the antecedent of high school or its equivalent—that is equivalent to those offered by Tecnológico de Monterrey.
4. Have covered all the courses in the given curriculum, either by passing the courses at Tecnológico de Monterrey or by obtaining revalidation or equivalence agreements—in compliance with the standards—corresponding to part of the courses taken at other institutions, and passed the remaining courses at Tecnológico de Monterrey. Courses taken at foreign universities with which there are agreements are considered, for the effects of this article, as courses taken at Tecnológico de Monterrey, as long as they do not exceed a set percentage of the curriculum established by each graduate program.
5. In those curricula that so specify, to have prepared a research project or thesis that, having been defended before an academic committee, has been approved by said committee.
6. Have taken at least the equivalent of the second half of the corresponding curriculum at Tecnológico de Monterrey, in the case of students with revalidation or equivalence agreements at this level. Flexibility may be exercised in this standard in graduate programs that, under agreement, may be established jointly with other universities.