

## Engineering Management

### The program

This program is taught entirely in English and offers a unique mix of industrial and information engineering, management and marketing science. We aim to educate future leaders ready to meet the challenges of managing and innovating in complex enterprises. The program is designed to provide graduates with competencies in both industrial and information engineering, as well as in economics and strategic management.

Our multidisciplinary program emphasizes not only technical teachings but also subjects such as business strategy, innovation management, business analysis, marketing and logistics. By combining these subjects, we provide a systemic view of business dynamics and increase graduates' problem-solving and complexity management skills.

Our program offers excellent university education combined with a wide range of possible professional experiences. Our students come from all over the world and can benefit from plenty of exchange opportunities. More information about the program is available at: <https://engineeringmanagement.unipg.it>

### Career opportunities

Our graduates are well-equipped to pursue industries. Some of the possible business areas in which they can work are:

Strategic planning and business management

Marketing, strategic communications and sales

Knowledge and information management

Directional and strategic consulting

Quality management

New product development

Process innovation and innovation management

Production and supply chain management

Project management

### Access requirements and further education

To be eligible for admission to our program, applicants must meet following requirements:

A secondary school diploma, along with transcripts

A valid student visa, depending on the country of origin

A certificate of proficiency in the English language at level B2 or equivalent

If an applicant does not have a valid English certificate, they can still register and obtain the B2 qualification during their first year of study. The University of Perugia also provides English courses and exams. Upon completion of the program, students who do not wish to enter the workforce immediately will have the opportunity to further their education with a master's degree at the University of Perugia or other universities in Italy and abroad.



Website



A.D. 1308  
**unipg**  
DIPARTIMENTO  
DI INGEGNERIA

unipg.it

2024/25

ENGINEERING  
MANAGEMENT

# Department of Engineering

Corso di Laurea Triennale in Ingegneria Gestionale  
erogato in lingua inglese

A.D. 1308

**unipg**

UNIVERSITÀ DEGLI STUDI  
DI PERUGIA



# Study Program

## First Year

### FIRST SEMESTER

Insegnamento	ECTS
Mathematics I and geometry	12
Physics I	6
Introduction to computer science and programming	6

### SECOND SEMESTER

Insegnamento	ECTS
Mathematics II and statistics	12
Manufacturing engineering and technology	8
Information systems	6
Physics II	6

## Second Year

### FIRST SEMESTER

Insegnamento	ECTS
Systems engineering	6
Engineering economy	6
Strategic business management	8
Management of energy conversion systems	6
System mechanics	6

### SECOND SEMESTER

Insegnamento	ECTS
Mathematical methods for engineering management	6
Applied thermodynamics and thermal management	6
Facility planning and design	12
Control systems	8

## Third Year

### FIRST SEMESTER

Insegnamento	ECTS
Principles and methods of machine design	5
Quality management	6
Organizational and work sociology	6

### SECOND SEMESTER

Insegnamento	ECTS
Industrial automation, production systems and computer integrated manufacturing	6
Production planning	8
Graphical communication for engineering design	5
<i>One exam to choose from:</i>	
Industrial economics	6
Introduction to data analysis and modeling	6