

## Ingegneria Gestionale - Laurea triennale Bsc in **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 career opportunities in different sectors and 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
- Project management
- Quality management
- New product development
- Process innovation and innovation management
- Production and supply chain management
- Directional and strategic consulting

### 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.



A.D. 1308

**unipg**

UNIVERSITÀ DEGLI STUDI  
DI PERUGIA

**DEPARTMENT OF  
ENGINEERING**

**ENGINEERING  
MANAGEMENT**

**CORSO IN LINGUA INGLESE**

WEBSITE



# Study Program

## FIRST YEAR

### First Semester

MATHEMATICS I AND GEOMETRY	12
PHYSICS I	6
INTRODUCTION TO COMPUTER SCIENCE AND PROGRAMMING	6

## ECTS

## SECOND YEAR

### First Semester

SYSTEMS ENGINEERING	6
ENGINEERING ECONOMY	6
STRATEGIC BUSINESS MANAGEMENT	8
MANAGEMENT OF ENERGY CONVERSION SYSTEMS	6
SYSTEM MECHANICS	6

## ECTS

## THIRD YEAR

### First Semester

PRODUCTION PLANNING	8
One exam to choose from:	
BUSINESS LAW	6
ORGANIZATIONAL AND WORK SOCIOLOGY	6
One exam to choose from:	
POLITICAL ECONOMY	6
INDUSTRIAL ECONOMICS	6

## ECTS

## FIRST YEAR

### Second Semester

MATHEMATICS II AND STATISTICS	12
MANUFACTURING ENGINEERING AND TECHNOLOGY	8
INFORMATION SYSTEMS	6
PHYSICS II	6

## SECOND YEAR

### Second Semester

MATHEMATICAL METHODS FOR ENGINEERING MANAGEMENT	6
APPLIED THERMODYNAMICS AND THERMAL MANAGEMENT	6
FACILITY PLANNING AND DESIGN	12
CONTROL SYSTEMS	8

## THIRD YEAR

### Second Semester

INDUSTRIAL AUTOMATION, PRODUCTION SYSTEMS AND COMPUTER INTEGRATED MANUFACTURING	6
PRODUCT DESIGN	10
One exam to choose from:	
QUALITY MANAGEMENT	6
INTRODUCTION TO DATA ANALYSIS AND MODELING	6