

# **BSc in ENGINEERING MANAGEMENT**

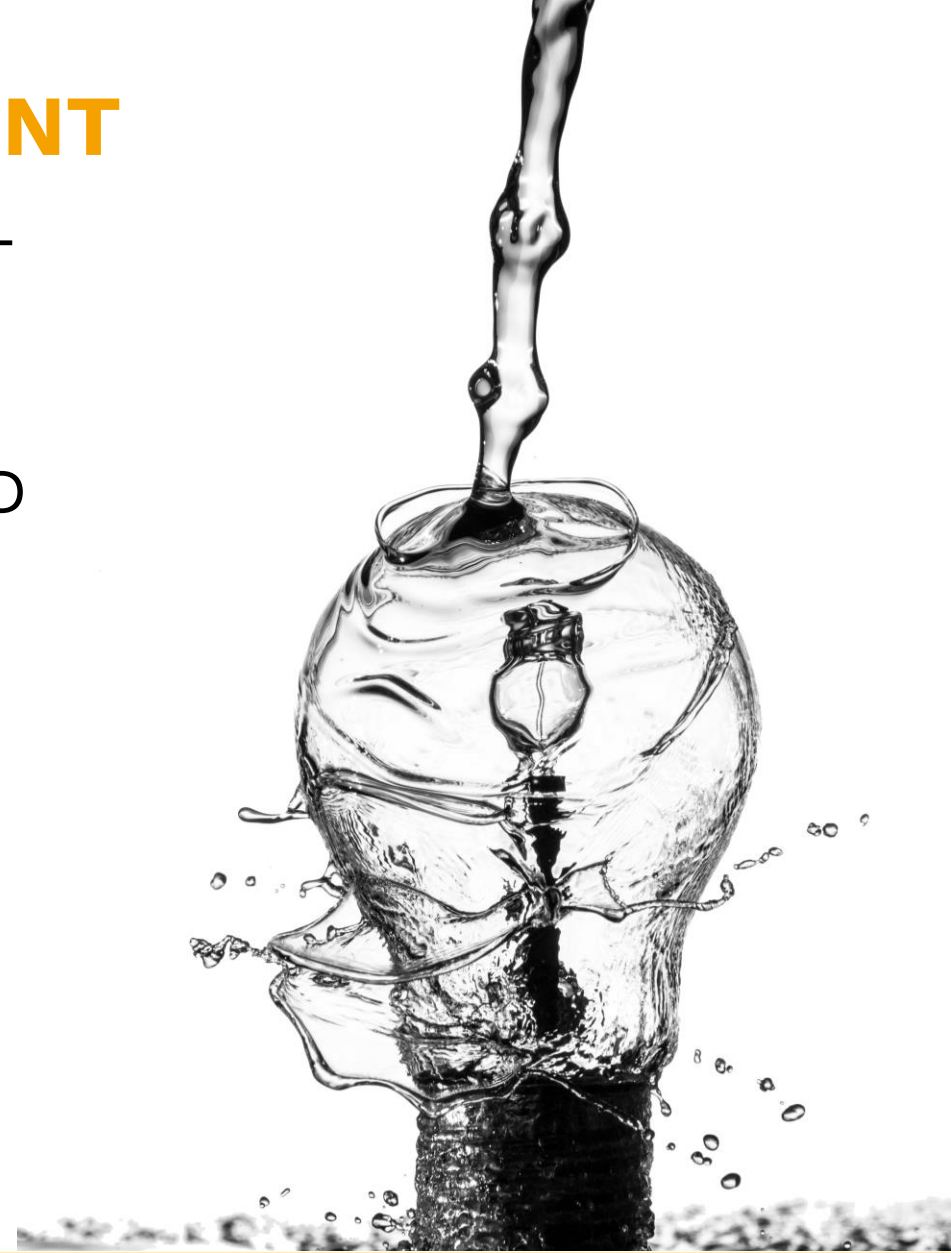
(LAUREA IN INGEGNERIA GESTIONALE IN INGLESE)

A.D. 1308 —  
**unipg**

UNIVERSITÀ DEGLI STUDI  
DI PERUGIA

# WHAT IS ENGINEERING MANAGEMENT

ENGINEERING MANAGEMENT IS A CAREER THAT BRINGS TOGETHER THE **PROBLEM-SOLVING** ABILITY OF **ENGINEERING** AND THE ORGANIZATIONAL, ADMINISTRATIVE, LEGAL AND PLANNING ABILITIES OF **MANAGEMENT**, IN ORDER TO IMPROVE THE PERFORMANCE OF **COMPLEX** ENTERPRISES



# OUR MISSION

THROUGH A **DIVERSE** LIVING ENVIRONMENT AND THROUGH EXPOSURE TO **NEW IDEAS** AND **NEW WAYS OF THINKING** AND LEARNING, OUR STUDENTS EMBARK ON A JOURNEY OF **INTELLECTUAL CHANGE**. OUR GOAL IS TO EDUCATE **FUTURE LEADERS** WHO STRIVE FOR A MORE JUST AND PROMISING WORLD

# OUR OFFER

## A MULTI-DISCIPLINARY IN-DEPTH CURRICULUM

THREE-YEAR BSC COURSE OFFERING A UNIQUE BLEND OF **INDUSTRIAL AND INFORMATION ENGINEERING, MANAGEMENT AND MARKETING SCIENCES**

## NEW WAYS OF LEARNING

INTEGRATION BETWEEN **IN-CLASS** HIGHER EDUCATION AND **HANDS-ON**, REAL-LIFE **PROFESSIONAL EXPERIENCES**

A LARGE **NETWORK OF** NATIONAL AND INTERNATIONAL PARTICIPATING **ENTERPRISES**

THE **FIRST** ENGINEERING MANAGEMENT BSC PROGRAM **IN ITALY** OFFERING AN INCLUSIVE AND INTERNATIONAL EXPERIENCE **ENTIRELY IN ENGLISH**



# OUR OFFER

## TRULY GLOBAL

OUR **STUDENTS COME FROM EVERYWHERE** IN THE WORLD AND WE OFFER PLENTY OF **EXCHANGE OPPORTUNITIES**

OUR BSc DEGREE IS ALIGNED TO INTERNATIONALLY RECOGNIZED EDUCATIONAL AND PROFESSIONAL CURRICULA ON ENGINEERING AND MANAGEMENT IN EUROPE AND WORLDWIDE

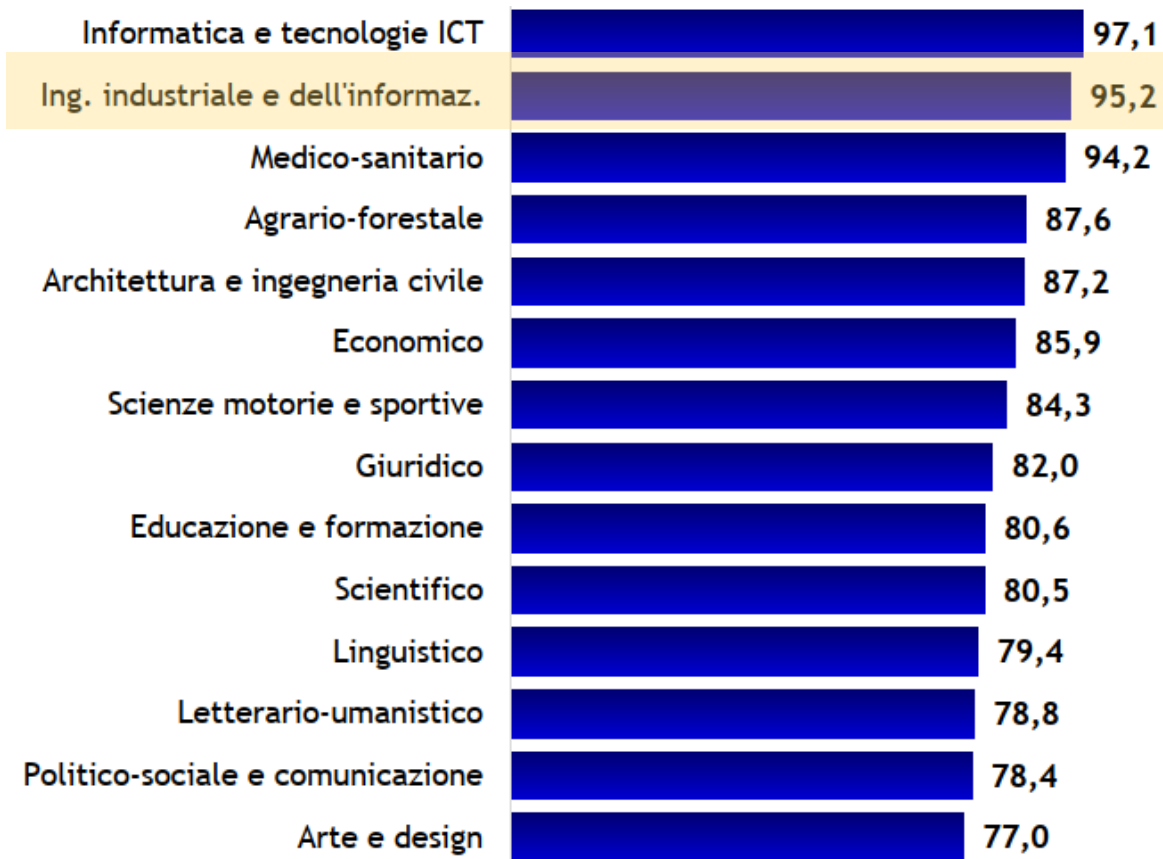


# JOB AREAS

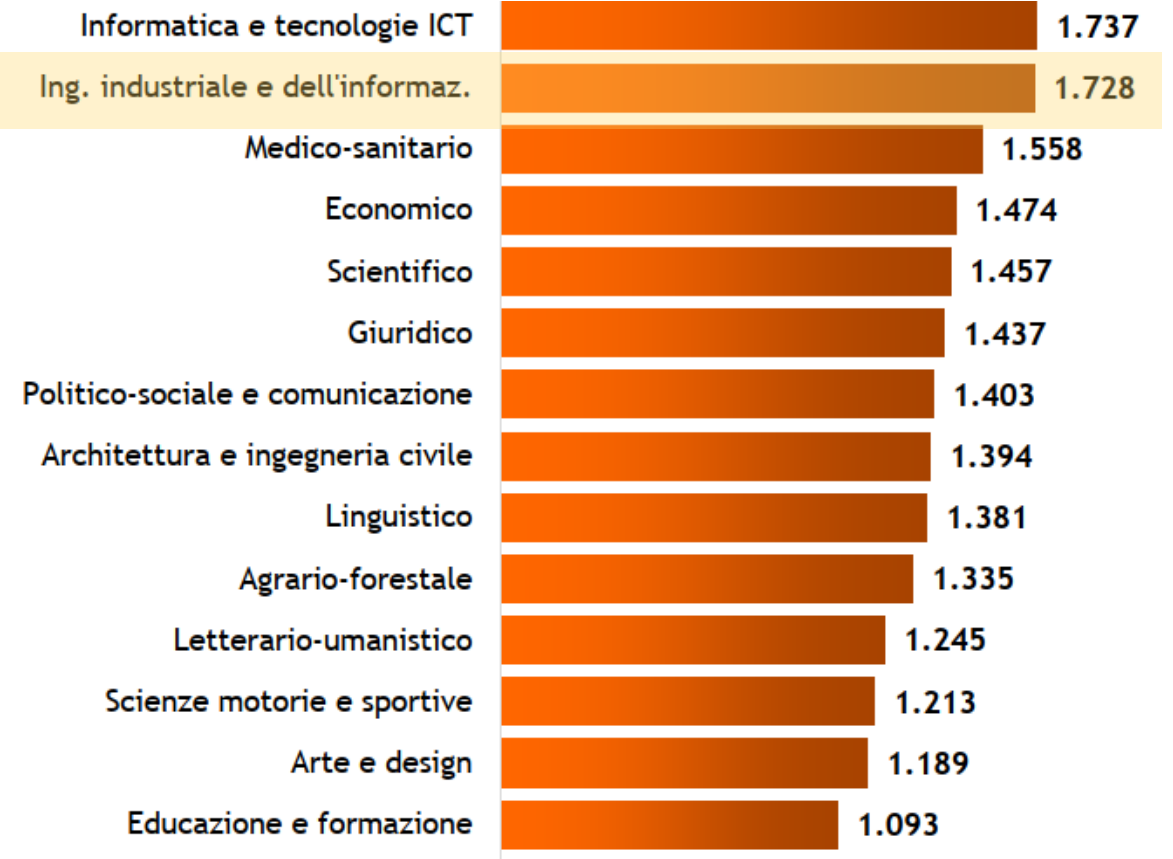
- ❑ STRATEGIC PLANNING AND BUSINESS MANAGEMENT
- ❑ MARKETING, STRATEGIC COMMUNICATIONS, AND SALES
- ❑ KNOWLEDGE AND INFORMATION MANAGEMENT
- ❑ PROJECT MANAGEMENT
- ❑ QUALITY MANAGEMENT
- ❑ NEW PRODUCT DEVELOPMENT
- ❑ PROCESS INNOVATION AND INNOVATION MANAGEMENT
- ❑ PRODUCTION AND SUPPLY CHAIN MANAGEMENT
- ❑ DIRECTIONAL AND STRATEGIC CONSULTING



# JOB OPPORTUNITIES



**EMPLOYMENT RATE (5 yrs)**  
Almalaurea 2021



**AVERAGE SALARY IN EUROS (5 yrs)**  
Almalaurea 2021

# STUDY PLAN – 1<sup>st</sup> YEAR

## THE BASICS

<i>Course</i>	<i>ECTS</i>
MATHEMATICS I AND GEOMETRY	12
MATHEMATICS II AND STATISTICS	12
INTRODUCTION TO OPTIMIZATION	8
FUNDAMENTALS OF COMPUTER SCIENCE	12
PHYSICS	12



# STUDY PLAN – 2<sup>nd</sup> YEAR

## SPECIALIZING COURSES

<i>Course</i>	<i>ECTS</i>
SYSTEMS ENGINEERING	6
ENGINEERING ECONOMY	6
STRATEGIC BUSINESS MANAGEMENT	8
MANUFACTURING ENGINEERING AND TECHNOLOGY	6
ENERGY MANAGEMENT	12
FACILITY PLANNING AND DESIGN	12
CONTROL SYSTEMS	8
SYSTEM MECHANICS	6

# STUDY PLAN – 3<sup>rd</sup> YEAR

## INTERNSHIP, PROJECT WORK , SPECIALIZING AND ELECTIVE COURSES

Course	ECTS
PRODUCT DESIGN	10
INDUSTRIAL AUTOMATION, PRODUCTION SYSTEMS AND COMPUTER INTEGRATED MANUFACTURING	6
PRODUCTION PLANNING	8
Choose one from Group A	6
Choose one from Group B	6
Choose one from Group C	6
FREE CHOICE	12
PROJECT WORK	3
INTERNSHIP	3

<b>Group A</b>	
BUSINESS LAW	6
ORGANIZATIONAL AND WORK SOCIOLOGY	
<b>Group B</b>	
INTRODUCTION TO DATA ANALYSIS AND MODELING	6
QUALITY MANAGEMENT	
<b>Group C</b>	
POLITICAL ECONOMY	6
INDUSTRIAL ECONOMICS	

# ENROLLMENT REQUIREMENTS

- ✓ A **SECONDARY SCHOOL DIPLOMA**, WITH TRANSCRIPTS, IN ENGLISH
- ✓ A VALID **STUDENT VISA**, DEPENDING ON COUNTRY OF ORIGIN
- ✓ A CERTIFICATE OF PROFICIENCY IN THE **ENGLISH** LANGUAGE OF **LEVEL B2** OR EQUIVALENT

**APPLICANTS WITHOUT A VALID ENGLISH CERTIFICATE CAN STILL REGISTER** AND OBTAIN THE B2 QUALIFICATION DURING THEIR FIRST YEAR OF STUDY. ENGLISH COURSES AND EXAMS ARE ALSO PROVIDED BY THE UNIVERSITY OF PERUGIA



# INTERNSHIPS & STUDENT EXCHANGE

WE ARE AT THE GEOGRAPHICAL CENTRE OF **A WIDE NETWORK OF NATIONAL AND INTERNATIONAL ENTERPRISES**, OPERATING IN SECTORS SUCH AS:

- AUTOMOTIVE
- AEROSPACE
- GLOBAL SERVICES
- ENERGY
- FASHION
- DESIGN
- COMPUTING

OUR NETWORK SPANS **MULTIPLE COUNTRIES**, WITH PLENTY OF OPTIONS FOR **STUDENT EXCHANGE OPPORTUNITIES**



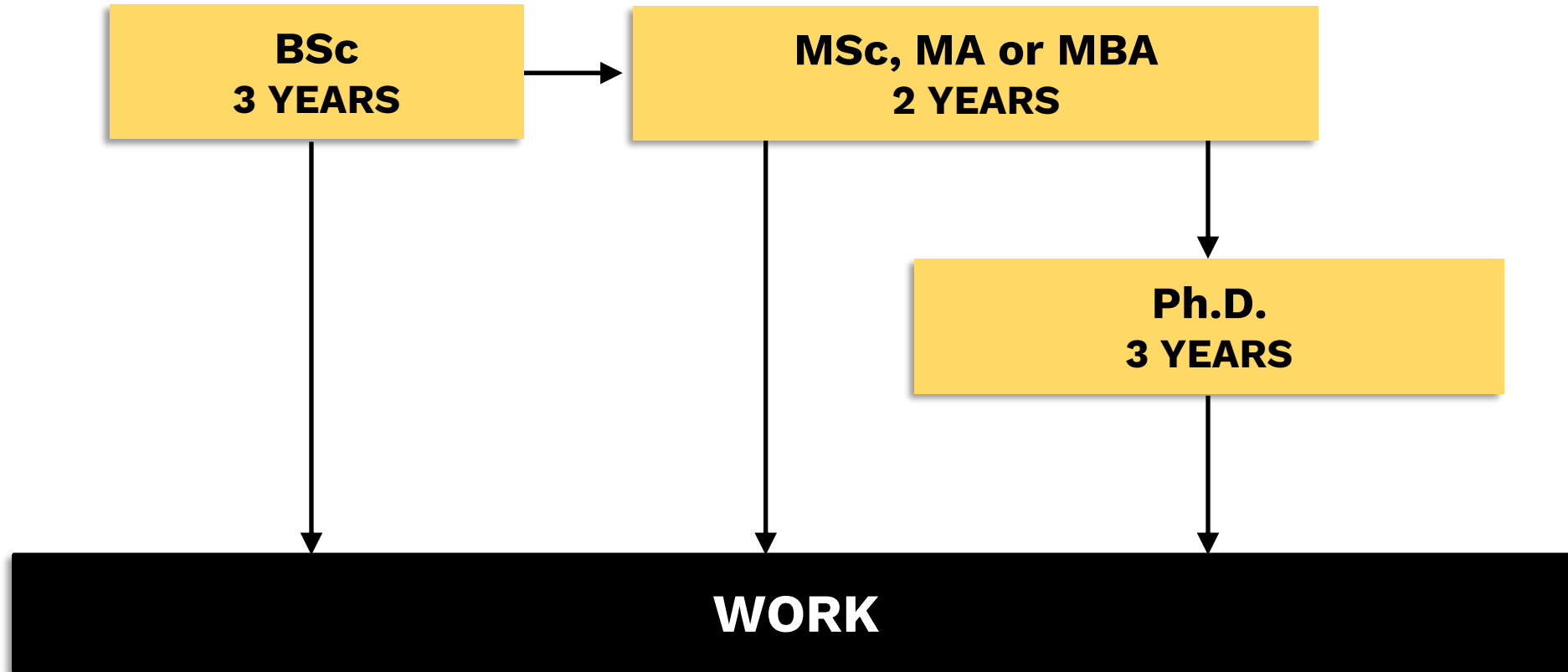
# SOME OF OUR LABS

- ❑ BUSINESS AND COLLECTIVE INTELLIGENCE
- ❑ SMART MANUFACTURING AND INDUSTRY 4.0
- ❑ ELECTRONIC AND SENSOR TECHNOLOGIES FOR IOT
- ❑ INTELLIGENT SYSTEMS, AUTOMATION AND ROBOTICS
- ❑ SOFTWARE ENGINEERING
- ❑ NETWORKS AND SERVICES

AND MANY OTHERS



# POST GRADUATE STUDIES



# LIVING IN PERUGIA



PERUGIA IS ONE OF THE **MOST IMPORTANT TOURIST ATTRACTIONS IN CENTRAL ITALY**, AND WORLDWIDE FAMOUS FOR ITS INTERNATIONAL CULTURAL EVENTS, SUCH AS UMBRIA JAZZ AND EUROCHOCOLATE

PERUGIA HOSTS A THRIVING, **MULTICULTURAL ENVIRONMENT**

**FULL OF HISTORY BUT OPEN TO PROGRESS**, LOOKING FORWARDS TO THE NEXT FRONTIERS OF INNOVATION

# CAMPUS LIFE

A **MODERN CAMPUS** AT THE OUTSKIRTS OF THE CITY, DISTRIBUTED ACROSS MULTIPLE ENGINEERING SCHOOLS, WITH:

- A DEDICATED **LIBRARY**
- **COMPUTING FACILITIES**
- **LABORATORIES**
- A **FOOD COURT**
- A DEDICATED **TRAIN STATION**

THE UNIVERSITY ALSO HAS A DEDICATED **SPORTS CENTER**





# CONTACT & INFO

**COURSE WEBSITE:** <https://engineeringmanagement.unipg.it>

**DEPARTMENT WEBSITE:** <https://ing.unipg.it>

**UNIVERSITY WEBSITE:** <https://unipg.it>

## **LOCATION:**

VIA G. DURANTI 93 - 06125 PERUGIA, ITALY

## **EMAIL:**

ELISABETTA.BUONUMORI@UNIPG.IT

## **PRACTICAL INFO:**

<https://www.unipg.it/en/international-students/incoming-exchange-students/practical-information-for-incoming-students>

# **LEARNING TO LEAD AND SHAPE THE FUTURE**

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**University of Perugia**