

A bridge towards labour market

Usually, during the regular lectures, the professors organise technical visits at companies which have a relevant role in the Italian industrial scenario. A lot of these firms offer stage programmes, to improve the theoretical knowledge of the student on practical ground.



Facilities

Rooms for students are available within the University Campus ("Maisonettes" and "Martensson Residences") or in apartments owned by the university in the town of Rende.



There is a wide choice of catering facilities at the University of Calabria. The refectory service (Mensa) is carried out in two special infrastructures at the "Centro Residenziale", located near the students' residences on the campus. The cost for a meal in the University refectories is about € 3.

A special bus service connects Cosenza, Rende and the students' residences to the university campus. Further info:

<http://home.unical.it/socrates/guida/campus.htm>



Student Union



European Students of Industrial Engineering and Management



Further info:
<http://www.estiem.org>

Sport

The "Centro Universitario Sportivo" (C.U.S.) organises several sport activities. The students of Management Engineering organise football tournament for students, visiting guests and professors.



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Management Engineering

Campus of Arcavacata

Exchange your life..



What's Management Engineering?

The **degree in Management Engineering** is designed to improve the skill of a competitive engineer able to think, develop and manage complex and innovative systems. A good management engineer have to identify, select and solve industrial problems by means of a robust multi-subject approach.

The course of study in Management Engineering has been conceived to improve the knowledge in the field of organisation and enterprise governance. In particular, eminent academicians and selected practitioners share their expertise on different relevant topics, ranging from new technologies to environmental constraints.

All the exams can be classified in four areas:

- Logistics
- Development
- Management
- Business

Visiting students can chose subjects belonging to these four areas.

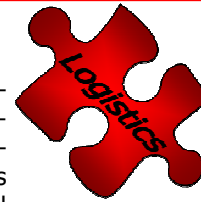
Further information on the available subject on the web site:

<http://www.ingegneria.unical.it/WebEngineering/>



Logistics

The **Logistics** area supplies all the knowledge in the field of modelling and quantitative methods to help decision-making processes. In particular, the subjects of this area are designed to give the mathematical tools necessary to formalise and solve the problem related to the planning and maintenance of the enterprise resources.



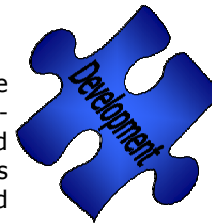
Some courses are the following:

- Logistics in production planning and distribution
- Port logistics
- Network optimisation
- Management and modelling in health service
- Optimisation finance



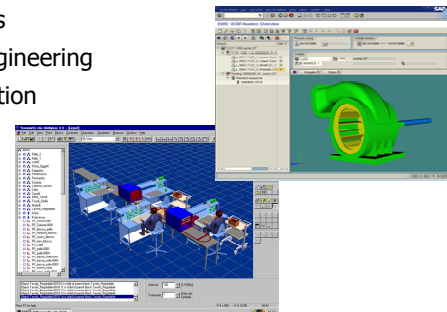
Development

The **Development** area provides all the knowledge in the field of industrial engineering, necessary to understand and manage technical systems. Typical fields are the R&D, the new product design and manufacturing, the Energy system, etc..



The main topics in this area are:

- Product development process
- Manufacturing and Industrial Plant
- Energy systems
- Automation engineering
- Electric installation



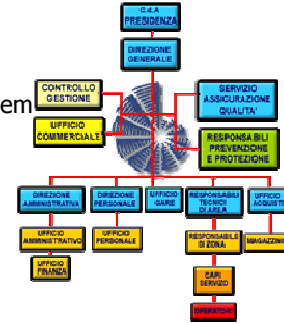
Management

The **Management** area gives all the expertise in the field of economics, administration and controlling, with the aim to define all the fundamental aspects related to the enterprise system.



The main subjects in this area are:

- Economics
- Business Management
- Innovative Organisation System
- Finance
- Marketing



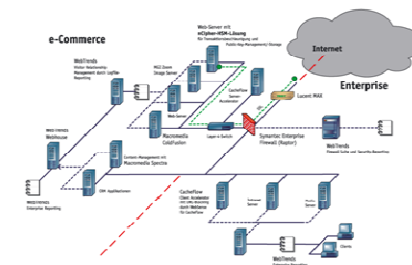
Business

The **Business** area subjects provide the know-how and the skill in the field of planning and governance of information systems. In particular, that area is focalised on the development of innovative and flexible tools, able to manage the information flow which characterises each enterprise.



The main topics in this area are:

- Information systems
- Economics and knowledge management
- E-Business
- Innovation management
- Information system for telecommunication





University of Calabria
Management Engineering
Bachelor Degree and Master Degree in Management Engineering

Bachelor in Management Engineering – 3 Years	Credits ECTS
General Education - B	72
Major - C	57
Required outside Major – AI	33
Free choice - S	12
Other activities	6
TOTAL	180

Master in Management Engineering – 2 Years	Credits ECTS
Major - CM	
<i>Industrial Systems Stream</i>	51
<i>Advanced Services Stream</i>	48
Required outside Major - AIM	
<i>Industrial Systems Stream</i>	33
<i>Advanced Services Stream</i>	36
Free choice - SM	12
Other activities	6
Thesis	18
TOTAL	120

Bachelor in Management Engineering – 3 Years					
Year	Semester	Course	ECTS Credits	Language	
1	I	Linear Algebra and Geometry	6	Italian <i>(Books, Tutorships, Exams, etc. in English)</i>	
		Chemistry	6		
		Fundamentals of Computer Science	6		
		Mathematical Analysis 1 (Part A)	6		
	II	Mathematical Analysis 1 (Part B)	6		
		Physics	12		
		Probabilistic Methods in Engineering	9		
		Algorithm and Programming Techniques	6		
2	I	Mechanics of Materials	6		
		Business Economics and Organization	9		
		Supplements of Mathematics	12		
	II	Energy Systems	12		
		Automatic Control	9		
Operations Research 1	9				
3	I	Business Administration	9		
		Manufacturing	9		
		Business Information Management	6		
	II	Industrial Plants	9		
		Computer Aided Design	6		
		Operations Research 2	9		
		Enterprise Development Design*	6		
		Numerical Analysis*	6		
		Project Management*	6		
		Software Tools for Optimization*	6		
		Final Examination	3		

*Elective course

The list of courses in Management Engineering - First Level Degree with the relative descriptions are available on the website:

http://160.97.59.205/WebEngineering/index.php?option=com_content&view=section&id=27&Itemid=50

Master in Management Engineering – 2 Years					
Year	Semester	Course	ECTS Credits	Language	
1	I	Facility Electrical Systems	9	English	
		E-Business and Collaborative Networks	9	Italian	
		Data Base Systems	6	Italian	
		Financial Optimization	9	Italian	
	II	Marketing	9	English	
		Production Management and Control	9	English	
		E-Government	6	Italian	
		Services for Health Care Systems	9	English	
		Modelling of Dynamic Systems	6	Italian	
		Industrial Plant Management	9	English	
	2	I	Logistics Systems Planning	9	Italian
			Business Organizational Systems	9	Italian
Integrated Product and Process Planning			9	English	
Interpersonal Relationship*			3	English	
II		Business Game*	3	English	
		Innovation Management*	6	English	
		Energy Management*	6	Italian	
		Technology Transfer*	6	Italian	
		Sustainable Product Design*	6	Italian	
		Transport Systems Optimisation*	6	English	
Electronic Systems*	6	English			

*Elective course

The courses list in Management Engineering - Master Degree with the relative descriptions are available at:
http://160.97.59.205/WebEngineering/index.php?option=com_content&view=section&id=36&Itemid=50