

**Bachelor • Lisboa**

# INDUSTRIAL ENGINEERING AND MANAGEMENT.



## Direction

José Francisco De Oliveira Santos  
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## Secretariat

Tânia Pereira  
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## Duration

3 Years

## Credits

180 ects

## Exams

Have the following set:

- 07 Física e Química and 19 Matemática A

## Presentation

# STUDY PLAN

## 1st Year / Common Core

1º Semestre	ects	2º Semestre	ects
Algebra	5	Business Organization and Management	5
Calculus I	5	Calculus II	5
Chemistry	5	Computer-Integrated Manufacturing	3
Computer-Aided Mechanical Drawing	4	Introduction to Programming	3
Introduction to Engineering and Industrial Management	5	Mechanics Technology I	6
Materials Engineering	6	Physics	5
		Technology-Based Entrepreneurship and Innovation	3

## 2nd Year / Common Core

1º Semestre	ects	2º Semestre	ects
Elements of Mechanical Engineering	5	Differential Equations	5
Financial Accounting	4	Economics	5
Logistics	5	Fluid Mechanics	5
Mechanics Technology II	6	Integrated Management Systems	5
Probabilities and Statistics	5	Methods Engineering	5
Thermodynamics	5	Quantitative Optimization Methods	5

## 3rd Year / Common Core

1º Semestre	ects	2º Semestre	ects
Decision Support Methods	5	Energetic Management	5
Maintenance Management	5	Management Planning and Control II	5
Management of Stocks	5	Project	9
Management Planning and Control I	5	Robotics and Automation	5
Quality Control	5	Technical Installations	6
Simulation and Forecasting Techniques	5		

Linha direta  
para o teu futuro



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