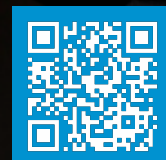


Bachelor • Lisboa

CIVIL ENGINEERING



Direction

Elói João Faria Figueiredo
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Exams

Have the following set:

- 07 Física e Química and 16 Matemática

Secretariat

Natalia Raileanu
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Duration

3 Years

Credits

180 ects

Presentation

The undergraduate program in Civil Engineering was created in 1992 and was the first of its kind in non-state universities in Portugal. The course is currently structured according to the Bologna Declaration and has a normal duration of three years (six semesters, 180 ECTS). The study plan has fundamental subjects in Civil Engineering to prepare students to work in the various areas of activity. Namely, in the design, project management, and maintenance works, in line with good protection practices of the environment. Students are faced with a demanding education system that prioritizes the development of skills, to acquire the ability to learn independently and to act within the European Union or in other countries worldwide, such as Community of Portuguese Language Countries (CPLP). Our laboratory of Civil Engineering, as well as technical visits to new works and those undergoing rehabilitation, allow students to complete the theoretical knowledge acquired in the classroom. Graduates may apply to the Order of Engineers and Order of Technical Engineers after completing a professional internship and according to the rules established by it.

STUDY PLAN

1st Year / Common Core

| 1º Semestre | ects | 2º Semestre | ects |
|-----------------------------------|------|---------------------------------------|------|
| Architecture | 3 | Business Organization and Management | 3 |
| Calculus I | 5 | Calculus II | 5 |
| Chemistry | 5 | Construction Drawing | 4 |
| Introduction to Civil Engineering | 3 | General and Applied Geology | 5 |
| Introduction to Programming | 5 | Material Science | 3 |
| Linear Algebra | 5 | Physics I | 5 |
| Technical Drawing | 4 | Topography and Geographic Information | 5 |

2nd Year / Common Core

| 1º Semestre | ects | 2º Semestre | ects |
|------------------------------|------|--------------------------|------|
| Calculus III | 5 | Construction Materials | 5 |
| Hydraulics I | 5 | Hydraulics II | 5 |
| Physics II | 5 | Operational Research | 5 |
| Probabilities and Statistics | 5 | Physics of Constructions | 4 |
| Structure Statics | 6 | Soil Mechanics | 5 |
| Transport | 4 | Strenght of Materials | 6 |

3rd Year / Common Core

| 1º Semestre | ects | 2º Semestre | ects |
|------------------------------------|------|--------------------------------------|------|
| Building Construction Technologies | 5 | Estruturas Metálicas e Mistas | 6 |
| Construction Economics | 5 | Hydrology and Sanitary Hydraulics | 4 |
| Geotechnical Works | 4 | Organization and Management of Works | 5 |
| Reinforced Concrete | 6 | Projecto de Edifícios | 6 |
| Safety in Construction Work | 5 | Regional and Urban Planning | 4 |
| Theory of Structures | 5 | Road Infrastructures | 5 |

Linha direta
para o teu futuro



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