

## **Incompatible Study Programmes**

## According to the Minors of Instituto Superior Técnico of Universidade de Lisboa Regulation, art. 5:

Candidates for the attendance of a Minor are students enrolled in a course of the 2nd cycle of studies, provided that the Minor's Curricular Units do not contain 12 ECTS of UC offered or equivalent to the course of the 2nd cycle of studies that students attend;

## The incompatibilities between Minors and Study Programmes are the following:

Minor	Incompatibilities with Master Programmes (Art. 5, No. 1)
Extreme Environments	-
Applications of Mathematics in Engineering	<ul><li>Applied Mathematics and Computation</li><li>Data Science and Engineering</li></ul>
Applications of Engineering in Healthcare	× Biomedical Engineering
Big Picture Thinking for Sustainability	-
Data Science	<ul> <li>Data Science and Engineering</li> <li>Biomedical Engineering</li> <li>Electrical and Computer Engineering</li> <li>Computer Science and Engineering</li> <li>Telecommunications and Informatics Engineering</li> </ul>
Space Sciences and Technologies	-
Quantum Science and Technology	× Applied Mathematics and Computation
Applied Nuclear Sciences	× Radiation Protection and Safety
High-Performance Computing	<ul><li>Data Science and Engineering</li><li>Computer Science and Engineering</li></ul>
Design Thinking	<ul> <li>Engineering and Management of Innovation and Entrepreneurship</li> <li>Computer Science and Engineering</li> </ul>

## **Circular Economy**

Entrepreneurship and Innovation	<ul> <li>Electrical and Computer Engineering</li> <li>Engineering and Management of Innovation and Entrepreneurship</li> <li>Industrial Engineering and Management</li> <li>Energy Engineering and Management</li> </ul>
Energy for the Future	<ul> <li>Electrical and Computer Engineering</li> <li>Energy Engineering and Management</li> <li>Engineering in Energy Resources</li> </ul>
Humanitarian Engineering	× Energy Engineering and Management
Contemporary Physics	× Engineering Physics
Medical Physics	<ul><li>Engineering Physics</li><li>Radiation Protection and Safety</li></ul>
Environmental Management	-
Industrial and Systems Management	<ul> <li>Industrial Engineering and Management</li> <li>Energy Engineering and Management</li> <li>Engineering and Management of Innovation and Entrepreneurship</li> </ul>
Sustainable 4.0 Industry	× Energy Engineering and Management
Computer Science	<ul> <li>Computer Science and Engineering</li> <li>Telecommunications and Informatics Engineering</li> </ul>
Electronic Instrumentation and Data Acquisition Systems	× Electrical and Computer Engineering
Artificial Intelligence	<ul><li>Data Science and Engineering</li><li>Computer Science and Engineering</li></ul>
Computational Mathematics Applied to Finance	<ul><li>Data Science and Engineering</li><li>Applied Mathematics and Computation</li></ul>
Nanoengineering and Microsystems	<ul> <li>Bioengineering and Nanosystems</li> <li>Electrical and Computer Engineering</li> <li>Engineering Physics</li> </ul>
Nanomaterials and Advanced Manufacturing	× Materials Engineering

Renewable Electricity Production	<ul><li>Energy Engineering and Management</li><li>Mechanical Engineering</li></ul>
Robotics and Intelligent Systems	<ul> <li>Data Science and Engineering</li> <li>Electrical and Computer Engineering</li> <li>Computer Science and Engineering</li> </ul>
Decision Support Methods and Systems	× Industrial Engineering and Management
Smart Cities	-
Spatial Data Sciences	<ul> <li>Data Science and Engineering</li> <li>Mining and Geological Engineering</li> <li>Engineering in Energy Resources</li> </ul>
Biological Technologies	<ul><li>× Biotechnology</li><li>× Biological Engineering</li></ul>
Internet Technologies	<ul> <li>Electrical and Computer Engineering</li> <li>Computer Science and Engineering</li> <li>Telecommunications and Informatics Engineering</li> </ul>
Photonic Technologies	× Electrical and Computer Engineering
Multimedia Technologies	<ul> <li>Electrical and Computer Engineering</li> <li>Computer Science and Engineering</li> <li>Data Science and Engineering</li> </ul>

**Technologies for Cultural Heritage** 

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