

According to the Minors of Instituto Superior T cnico 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:

1. *do not contain 12 ECTS of UC offered or equivalent to the course of the 2nd cycle of studies that students attend;*
2. *do not include UC offered or equivalent to those of the 1st cycles they attended.*

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 style="list-style-type: none"> × Applied Mathematics and Computation × Data Science and Engineering
Applications of Engineering in Healthcare	<ul style="list-style-type: none"> × Biomedical Engineering
Big Picture Thinking for Sustainability	-
Data Science	<ul style="list-style-type: none"> × Data Science and Engineering × Biomedical Engineering × Electrical and Computer Engineering × Computer Science and Engineering × Telecommunications and Informatics Engineering
Space Sciences and Technologies	-
Quantum Science and Technology	<ul style="list-style-type: none"> × Applied Mathematics and Computation
Applied Nuclear Sciences	<ul style="list-style-type: none"> × Radiation Protection and Safety
High-Performance Computing	<ul style="list-style-type: none"> × Data Science and Engineering × Computer Science and Engineering

Design Thinking	<ul style="list-style-type: none"> × Engineering and Management of Innovation and Entrepreneurship × Computer Science and Engineering
Circular Economy	-
Entrepreneurship and Innovation	<ul style="list-style-type: none"> × Electrical and Computer Engineering × Engineering and Management of Innovation and Entrepreneurship × Industrial Engineering and Management × Energy Engineering and Management
Energy for the Future	<ul style="list-style-type: none"> × Electrical and Computer Engineering × Energy Engineering and Management × Engineering in Energy Resources
Humanitarian Engineering	<ul style="list-style-type: none"> × Energy Engineering and Management
Contemporary Physics	<ul style="list-style-type: none"> × Engineering Physics
Medical Physics	<ul style="list-style-type: none"> × Engineering Physics × Radiation Protection and Safety
Environmental Management	-
Industrial and Systems Management	<ul style="list-style-type: none"> × Industrial Engineering and Management × Energy Engineering and Management × Engineering and Management of Innovation and Entrepreneurship
Sustainable 4.0 Industry	<ul style="list-style-type: none"> × Energy Engineering and Management
Computer Science	<ul style="list-style-type: none"> × Computer Science and Engineering × Telecommunications and Informatics Engineering
Electronic Instrumentation and Data Acquisition Systems	<ul style="list-style-type: none"> × Electrical and Computer Engineering
Artificial Intelligence	<ul style="list-style-type: none"> × Data Science and Engineering × Computer Science and Engineering
Computational Mathematics Applied to Finance	<ul style="list-style-type: none"> × Data Science and Engineering × Applied Mathematics and Computation

Nanoengineering and Microsystems	<ul style="list-style-type: none"> × Bioengineering and Nanosystems × Electrical and Computer Engineering × Engineering Physics
Nanomaterials and Advanced Manufacturing	<ul style="list-style-type: none"> × Materials Engineering
Renewable Electricity Production	<ul style="list-style-type: none"> × Energy Engineering and Management × Mechanical Engineering
Robotics and Intelligent Systems	<ul style="list-style-type: none"> × Data Science and Engineering × Electrical and Computer Engineering × Computer Science and Engineering
Decision Support Methods and Systems	<ul style="list-style-type: none"> × Industrial Engineering and Management
Smart Cities	-
Spatial Data Sciences	<ul style="list-style-type: none"> × Data Science and Engineering × Mining and Geological Engineering × Engineering in Energy Resources
Biological Technologies	<ul style="list-style-type: none"> × Biotechnology × Biological Engineering
Internet Technologies	<ul style="list-style-type: none"> × Electrical and Computer Engineering × Computer Science and Engineering × Telecommunications and Informatics Engineering
Photonic Technologies	<ul style="list-style-type: none"> × Electrical and Computer Engineering
Multimedia Technologies	<ul style="list-style-type: none"> × Electrical and Computer Engineering × Computer Science and Engineering × Data Science and Engineering
Technologies for Cultural Heritage	-

Last update: July 21, 2022