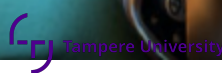


Erasmus Mundus Masters • Porto

ARTIFICIAL INTELLIGENCE FOR SUSTAINABLE SOCIETIES



TALLINN UNIVERSITY

Direction

José Vasconcelos

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Secretariat

Raquel Lopes

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Duration

2 Years

Credits

120 ect

Presentation

The Erasmus Mundus Joint Master's Programme (EMJM) in Artificial Intelligence for Sustainable Societies (AISS) focuses on sustainability, artificial intelligence and data-driven decisions, and participatory design methods engaging citizens. After completing the master's programme, students understand and can use a participatory design approach for studying and designing AI and data-driven sustainable solutions for societies. The programme is composed of a) Artificial Intelligence (AI) and Data Science, which focuses on AI and data-driven decision-making; b) Sustainable Digital Societies, which tackles, values, diversity, equity and the digital and green skills needed for future societies; and c) Active Citizenship, in which citizen active participation methods; how to enhance engagement in the democratic processes and be able to control own data.

STUDY PLAN

1st Year / General path

1º Semestre	ects	2º Semestre	ects
Civic Engagement	6	Applied Programming for Data Science	6
Collective Intelligence in Socio-Technical Systems	6	Data-driven Decision-Making	6
Introduction to Data Science	6	Fundamentals of Statistics for Data Science	6
The Big, Open, and Linked Data	6	Geographic Information Systems	6
United Nations Sustainable Development Goals	6	Topics on Machine Learning and its Applications	6

2nd Year / General path

1º Semestre	ects	2º Semestre	ects
Fundamentals of Accessibility	5	Master Dissertation	30
Information Analytics and Visualisation	5		
Interdisciplinary Project	5		
Principles of Service Design	5		
Sustainable Design	5		
Users and Digital Literacy	5		

Linha direta
para o teu futuro



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