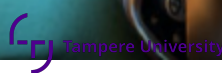


Erasmus Mundus Masters • Porto

# ARTIFICIAL INTELLIGENCE FOR SUSTAINABLE SOCIETIES



TALLINN UNIVERSITY

## Direction

José Vasconcelos

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## Secretariat

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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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