

The digital (revolution) transformation and lifelong learning: important changes and life lessons (for) from young people

Merja Bauters

Research Professor in Digital Transformation & Lifelong Learning (DTL3)

School of Digital Technologies, Tallinn University

Narva mnt 29, 10120 Tallinn, Estonia

+372 5689 6998, <https://dtl3.eu/>

TEAM & TOPIC

Research Team



Merja Bauters
Research Professor



Nuno N. Correia
Research Associate Professor



James Sunney Quaicoe
Postdoc Fellow



Abiodun Ogunyemi
Postdoc Fellow



Juri Mets
Junior Researcher



Mahesha De Silva
Junior Researcher



Anmar Salmon
Junior Researcher



Marwa Soudi
Junior Researcher



Darja Tokranova
Junior Researcher



Riaan Bothma
Junior Researcher



Anar Abilakimova
Junior Researcher



What have we learned?

- There is a huge need to know more about real green actions; what is greenwashing?
- Is digitalisation or novel technologies the answer, or should we combine human habit change and environment into the transformation?
- We also learned that the terms, and concepts are muddy, and should be explained in action in real life
- So we created a new programme with two other universities and four associate partners to accomplish part of the needs from the youth



Artificial Intelligence for
Sustainable Societies

AISS

Artificial Intelligence for Sustainable Societies

Tallinn University, Tampere University and Lusófona University
Merja Bauters, Markku Turunen and José Vasconcelos

Erasmus Mundus Joint Master's
Programme

<https://aissprogram.eu/>



AISS partners



Citizen OS



Lääne-Harju vald

- 120 ECTS Master's Programme
- 2 years
- 3 universities, Multiple diplomas
- 25 students per intake
- 8-10 Scholarships per intake
- 4 Associate partners Citizen OS, Inspirators!, Biotoopia, Lääneharju municipality
- Collaborators: YLE, Tampere City, Demola

TAMPERE.
FINLAND



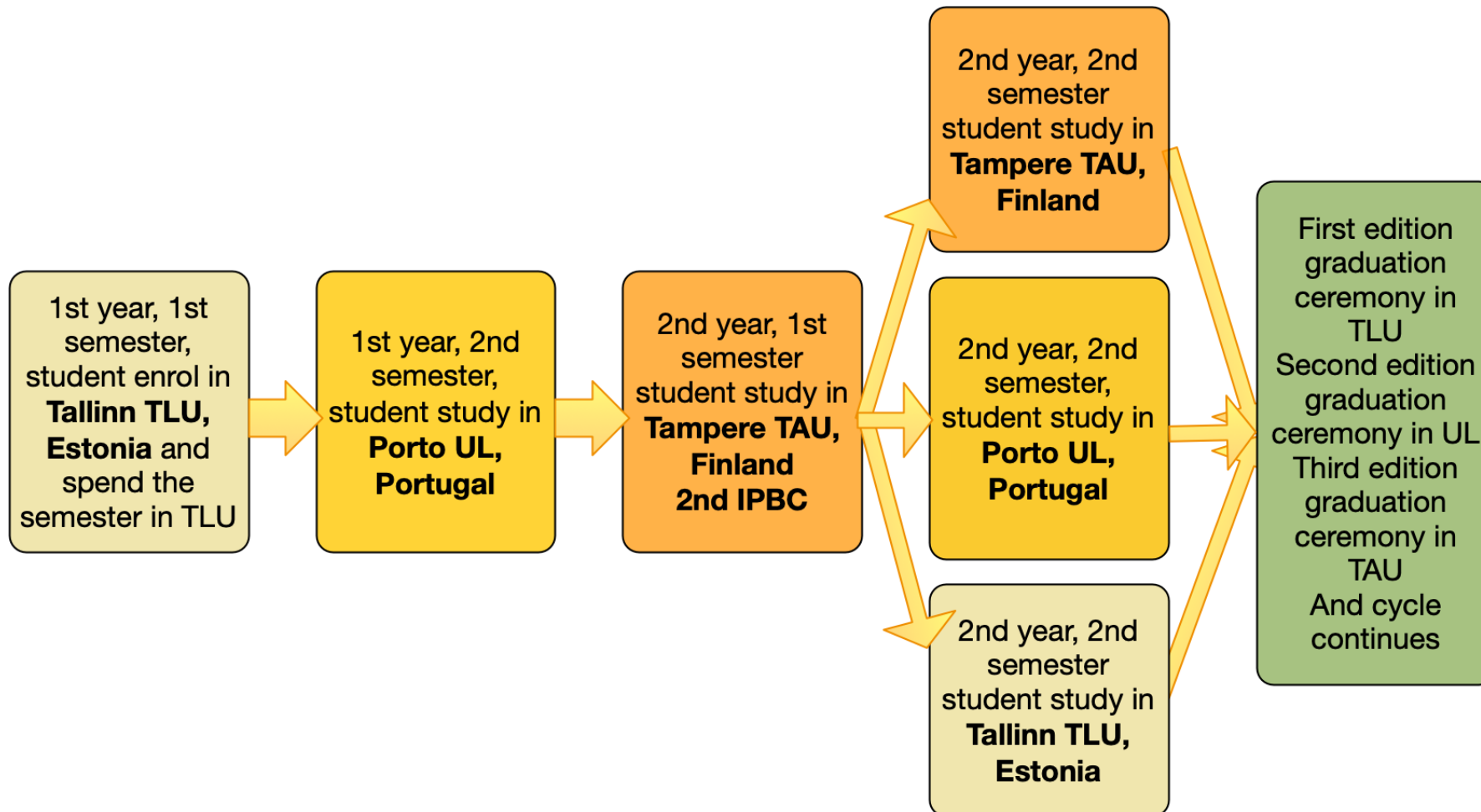
TAMPERE



DEMOLA

Structure of the programme

Compulsory	28	21	25	30
Electives (recommended/total)	4/12	6/18	6/18	0/9
Total	32	27	31	30



Thank you!
Questions?

Merja Bauters, merja.bauters@tlu.ee, +37256896998

Course code	Course title	Volume (ECTS)	University	Semester I	Semester II	Semester III	Semester IV
AISS.200	Principles of Service Design	6	TAU	6 ¹			
AISS.300	Sustainable Design	6	TAU			6 ¹	
AISS.600	Fundamentals of Accessibility	6	TAU		6 ¹		
IFI7401.DT	Collective Intelligence in Socio-Technical Systems	6	TLU		6		
IFI7412.DT	Civic Engagement	6	TLU	6			
IFI7414.DT	Sustainable Development Goals and Guidelines	4	TLU	4 ²			
ULP6613-23265	Introduction to Data Science	6	UL	6			
ULP6613-25229	Fundamentals of Statistics for Data Science	8	UL			8	
ULP6613-4883	Geographic Information Systems	6	UL	6			
AISS.400	Users and Digital Literacy	6	TAU		6		
AISS.500	Digital Dismodernity: Inclusion and the Diagnostic Society	6	TAU		6 ²		
IFI7359.DT	Information Visualization and Representation	6	TLU			6	
IFI7403.DT	Data Driven Decision Making and Change Management in Organisations	6	TLU			6	
ULP6613-24297	Topics on Machine Learning and its Applications	6	UL		6		
ULP6613-25230	Applied Programming for Data Science	6	UL			6	
AISS.100	Introduction to Sustainable Digital Life	4	TAU	4			
DTI7004.DT	Active Academic Reading and Writing	4	TLU	4 ¹			
DTI7008.DT	MOOCs	4	TLU	4			
AISS.700	Interdisciplinary Project	8	TAU			8 ²	
IFI7065.DT	Master's Thesis Seminar I	3	TLU		3		
IFI7066.DT	Master's Thesis Seminar II	3	TLU			3	
IFI7308.DT	Research Methods	6	TLU		6		
DTI7001.DT	Traineeship Abroad	9	TLU				9
IFI7407.DT	Practice	6	TLU				6
	Master's Thesis	24	TLU, TAU, UL				24

Digital Innovation Hubs provide the space for university & industry collaboration

