

ENviro5Tech Msc in Environmental Engineering Study Track “Environmental Informatics”

Orientation

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See also: <https://into.aalto.fi/display/enmastereng/>

Introductions

About

Modeling of environmental systems;
Software for implementing those models & other
tools for planning and management of
environmental systems;
Capacity to represent, understand, predict and
manage the behavior of environmental systems
and communicate the results

The program

- Double degree: certificate from both Aalto & DTU
 - Fulfill the requirements of both
 - Especially: the thesis needs to be accepted in both
- 1st year in Aalto, 2nd year in DTU
- Formal requirements / structure of Aalto engineering master's program
- 120 ECTS points / 2 years

Courses, period 1

- September 8 – October 25
- Yhd-102.3350 Environmental Modeling and Decision Support
- T-61.3050 Machine learning: Basic Principles (begin)
- T-61.3040 Statistical Signal Modeling (begin)
- Maa-123.3510 GIS Analysis and Modelling (lectures)
- Yhd-73.3510 Environmental Engineering
- CSE-C3610 Software Engineering
 - Replaces T-76.3601 Introduction to Software Engineering
- Kie-98.???? Foreign language studies

Courses, period 2

- October 27 – December 13
- Yhd-102.3321 Environmental Information Systems
- T-61.3050 Machine learning: Basic Principles (cont.)
- T-61.3040 Statistical Signal Modeling (cont.)
- Maa-123.3510 GIS Analysis and Modelling (project)
- Kie-98.???? Foreign language studies

Timetable

	<i>Monday</i>	<i>Tuesday</i>	<i>Wednesday</i>	<i>Thursday</i>	<i>Friday</i>
8.15					
9.15					
10.15				EMDS	
11.15				EMDS	
12.15		GAM		EE	EE
13.15		GAM	ML	EE	EE
14.15		GAM	SSM	ML	
15.15		GAM	SSM	ML	
16.15					
17.15					
18.15					