MTAT.03.270

Seminar on Enterprise Software
(3 ECTS)

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Next Steps

• Consultancy Sessions (optional, on request via Slack)
  • 5 May - Individual Consultation for final reports (optional & on request by student only - first come first serve principle)
  • 12 May - Individual Consultation for final reports (optional & on request by student only - first come first serve principle)

• Submission of Final Report (incl. Data Extraction Sheet)
  • 15 May - Deadline for submitting final reports (2nd year students - submit before 23:59)
  • 22 May - Deadline for submitting final reports (1st year student pairs - submit before 23:59)
2nd Seminar & MSc Thesis
Context

Core Module
(4 courses, 24 ECTS)

Masters Seminar & Thesis
(36 ECTS)

MSc Seminar 1 + 2
(3 + 3 ECTS)

Professional Practice or Projects
(18 ECTS)

Electives & Free-Choice Courses
(18 ECTS)

Specialty Module 1: Enterprise Software
(24 ECTS)

Specialty Module 2: Embedded Software
(24 ECTS)

Context

• Target Group of MSc Seminar 1 (MTAT.03.270 or ITX8301)
  - 1st year students in the MSc Software Engineering (SE) program
  - This seminar is mandatory for all students in the MSc SE program
  - This seminar is equivalent to the Master’s Seminar 1 taught at TalTech - the spring seminars are mutually exclusive (must take either UT or TalTech seminar)

• In the fall semester you are supposed to take the second seminar
  - You should by then have a MSc thesis topic
  - Fall seminar should be taken in the Chair where the master thesis supervisor is located; if it is the Chair of SE & IS, take ‘Research Seminar in Software Engineering’ (LTAT.05.023)
How to find a MSc thesis topic and a supervisor?
How to find a thesis topic?

• Start thinking about a topic now (2nd semester) or during summer (perhaps during internship)
• Get inspired by the courses you have taken (UT and TalTech)
• Talk to your teachers about potential topics they plan to offer
• Look up the UT ICS’ Research Groups (see next slides)
• Look up the UT ICS thesis topic database (starts to fill in August)
• Browse the UT thesis database (completed theses)
UT ICS Research Groups
https://www.cs.ut.ee/en/research/research-groups

Chair of SE & IS
Chair of Data Science
Chair of Programming Lang. & Systems
Chair of Distributed Systems
Chair of Security and Theoretical CS
Chair of Natural Language Processing

Most Chairs consist of several groups
Chair of Software Engineering & Information Systems

- **Software Engineering & Information Systems**
  - Team members: [https://sep.cs.ut.ee/Main/People](https://sep.cs.ut.ee/Main/People)

- **Information Security Research Group**
- **Research Group of Human-Centric Information Systems**
- **Computational Social Science Lab**
Which seminar to take in Fall?
Courses

Induction Session for the Software Engineering MSc

The curriculum of Software Engineering is designed to form T-shaped, full-stack software engineers.

The programme starts with a core module where you will acquire general software engineering skills, covering both technical aspects (systems modelling and programming) and also management skills.

You will then choose one of two specialisations:

- Enterprise Software (at the University of Tartu = UT) or
- Embedded & Real-time Software (at TalTech University).

A range of elective and free-choice courses will allow you to further specialise or to broaden your horizons.

During the second year, you will put your skills into use, first via an internship or an entrepreneurial project, and secondly via a research or engineering project leading to the defense of a Master's thesis.

Curriculum structure
Courses

Induction Session for the Software Engineering MSc

6. Master's seminar (6 ECTS)

You must take two seminars that are offered on master's level. One of the two seminars must either be the Seminar on Enterprise Software (offered at UT in the spring term) or the Master Seminar I (at TalTech). The second seminar can be a regular (research) seminar at UT or the Master Seminar II (at TalTech).

If you want to take both seminars at the same university, the following choice is available:

- At UT you can choose once the Seminar on Enterprise Software (any part is ok; will only be offered in spring) and one regular (research) seminar - each seminar has 3 ECTS.
- At TalTech you can choose Master Seminar I & II (each seminar has 3 ECTS)
Seminar Choices

1st year – 2nd term (Spring)

Seminar on Enterprise Software (MTAT.03.270)

Xor

Master’s Seminar 1 (TalTech)

2nd year – 1st term (Fall)

Research Seminar in Software Engineering (LTAT.05.023)

MTAT.03.280

MTAT.03.242

MTAT.06.046

Master’s Seminar 2 (TalTech)

2nd year – 2nd term (Spring)

At UT, choose the seminar of the Chair in which you do your MSc thesis

other seminars (if offered in the ICS on MSc level)
Questions?
Thank You!