Welcome to study Computer Science and Engineering at Aalto University!
Computer Science and Engineering

Orientation for

Master’s Programmes in
• Foundations of Advanced Computing (FAdCo)
• Machine Learning and Data Mining (Macadamia)
• Bioinformatics (MBI)
• Mobile Computing – Services and Security
• Service Design and Engineering (SDE)
• ICT Innovation

Master’s Degree Programmes in
• Computational and Systems Biology (euSYSBIO)
• Security and Mobile Computing (NordSecMob)

Major
• Service Engineering and Business (SEB)
Topics today

• Introduction of administrative staff (study coordinators)
• Degree structure
• Information on courses and exams
• Dishonest behaviour
• Limitation to study time and residence permits
• CSE building workstations
• Degree reform
• Sources of information
Introduction of the administrative staff

Aino Roms
Study Coordinator

Master’s Degree Programme in Security and Mobile Computing
Master’s Programme in ICT Innovation

aino.roms@aalto.fi
room A218
tel. +358 50 592 4182
Introduction of the administrative staff

Päivi Koivunen
Study Coordinator

FAdCo, Macadamia, MBI, Mobile computing, SDE, euSYSBIO, SEB

paivi.koivunen@aalto.fi
room C211
tel. +358 50 590 2456
Introduction of the administrative staff

CSE Study Advisor Toni Karttunen
advisors-cse@aalto.fi
room C111 (ground floor)
tel. +358 50 433 1507

- Help with practical matters (choosing courses, enrolling, studying at Aalto etc.)
Degree structure in Master’s programmes
Degree structure 1/2

Master of Science (Technology), 120 ECTS credits

- 1 credit = 27 hours of work (lectures, exercises, independent studying)
- Two years, full time
- Fixed curriculum
- All programmes have own curriculums
- Studies that are not in the curriculum cannot usually be included in the degree
- Compulsory and optional courses
- Modules 10 or 20 credits, master’s thesis 30 credits
- Flexibility in elective studies
Degree structure 2/2

Elective studies
W 20 cr

Methodological principles
M 10 cr

Master's thesis
D 30 cr

Advanced module
A3 20 cr

Intermediate module
B2 20 cr

Special module
C 20 cr
Compulsory complementary studies for AMK students - 30 ECTS

• Strongly recommended to complete in the beginning of studies

• Must be completed before Master’s Thesis topic confirmation
  – 15 cr Mathematics courses
  – 15 cr Computer Science

• See
  https://into.aalto.fi/display/entik/Complementary+studies
Language studies

- Obligatory according to Aalto degree regulation: MSc degree must include 3 ECTS of language studies (incl. written and oral skills)
- In English, Spanish, Japanese, French, German or Russian
  - English recommended
  - Possible to take Finnish instead, replacement must be applied for.
  - See Study Guide p.102-103
- Recommended to take during the first academic year (first spring term)

- Double degree students: scheduled for autumn term

**Students with Finnish bachelor degree, including AMK students**
- no obligatory language studies required because completed already
Verified personal study plan (HOPS)

- Students are required to make a personal study plan (HOPS) as part of their MSc degree.
- The study plan is a binding agreement on both parties: the student and Aalto University. It grants the student with a right to study according to the confirmed personal study plan but, at the same time, obliges the student to follow his or her study plan.
- HOPS is signed by both the school official and the student
- one copy is for the student, one is stored in student’s file
- HOPS is signed in the programme specific orientation
Information on courses and exams
Courses

Course information

– Noppa -portal  https://noppa.aalto.fi
  • Course news and material
  • Exercise and exam schedules
  • Link to WebOodi

Course registration

– In WebOodi  https://oodi.aalto.fi/e/
– Opens 28 days before the period and closes 7 days after the period has started
Exams

Exam information
• Schedules primarily in WebOodi
• Also in Into: https://into.aalto.fi/display/entik/Course+and+Examination+Schedules

Exam registration
• In WebOodi (https://oodi.aalto.fi/e/)
• Registration is mandatory – only registered students can sit the exam
• Registration opens 60 days before the exam at the latest and closes seven days before the exam
Courses and exams

NOTE:
- separate registration for courses and exams
- Practices may vary – check Noppa and WebOodi

- At least two exams per year
- Examination regulations
  [https://into.aalto.fi/display/enmastersci/Examination+regulations](https://into.aalto.fi/display/enmastersci/Examination+regulations)
Dishonest behaviour
What is considered dishonest behaviour?

- practice where the student's purpose is to give false representation of his/her own or other student's knowledge and an attempt to influence on the grading of the course.
- For example cheating in an exam, copying someone else's project work or taking an exam for someone else are dishonest behaviour.
- If, for instance, a student cites someone else's text, images or programming code as part of his/her work, the cited part must be marked clearly!
- Aalto University Code of Academic Integrity and Handling Violations Thereof (Especially 3.1 Types of violation)
  [https://into.aalto.fi/display/enregulations/Aalto+University+Code+of+Academic+Integrity+and+Handling+Violations+Thereof](https://into.aalto.fi/display/enregulations/Aalto+University+Code+of+Academic+Integrity+and+Handling+Violations+Thereof)
- Instructions to study computer science (in Into)
  [https://into.aalto.fi/display/entik/Instructions+to+study+computer+science](https://into.aalto.fi/display/entik/Instructions+to+study+computer+science)
Consequences of dishonest behaviour

1. A written notice of a course failure to student’s file:
   • may affect eg. getting assistant positions at the department
   • graduation with distinction not awarded even if GPA is over 4.0
2. The professor in charge of the Master’s programme will be notified about the written notice.
3. If cheating is considered serious or repeated, professor can initiate the disciplinary procedure:
   • as a disciplinary consequence, the executive dean can issue a warning
   • student can be expelled for a certain period of time (maximum of one year)
4. In double degree programmes, both universities awarding the degree will be informed, as well as the Central Office (possible consequences for scholarships) and supporting institution (e.g. European Commission in euSYSBIO and NordSecMob) will be informed.
Limitation to study time and residence permits
Limitation to study time

• Master’s programme = Full-time study programme
• to be completed in 2 years with 30 ECTS/ semester
• study time and study success are monitored by the academic and administrative staff
Working part-time?

- Citizens of EU/EEA-countries or Nordic countries can work without restrictions

- Non EU-citizens are allowed to work for a maximum of 25 h/week during the terms. There is no limitations on working hours in full-time employment during the holidays.

- Note that working while studying may seriously slow down studies as CSE courses at Aalto are quite challenging and time-consuming!
Renewing residence permits

- Non-EU students must renew their residence permits after one year.
- Application for extension of the residence permit must be submitted to the local police in person before current residence permit expires.
  - The student must show that he/she has proceeded in studies as planned:
    - at least 40 credits / academic year
CSE building workstations
Paniikki = Niksula workstations in C106

- Key card grants you 24 hour access to Paniikki (C106) and guild room. You can get one from the main library. Student card and library card are required.

Problems with workstations of Paniikki?
- If yes, first contact Niksula (reception on weekdays 12:15 – 14:00 in room B210)
IT Service Desks in Otaniemi

- **Main building**
  - Otakaari 1, room Y199
  - Mon – Fri 8 – 15.45 (telephone service Mon – Thu 8 – 17 and Fri 8 – 15.45)
  - +358 50 513 2000
- **School of Science**
  - Konemiehentie 2, room B152
  - Mon – Fri 9 - 11
- **School of Chemical Technology**
  - Kemistintie 1, room C147
  - Mon – Fri 9 – 11
- **School of Electrical Engineering**
  - Otakaari 5, room L121a
  - Mon – Fri 9 – 11
- **School of Engineering**
  - Otakaari 4, room K338
  - Mon - Fri 9 – 11
- **servicedesk@aalto.fi**, https://into.aalto.fi/display/enit/Homepage
Computer facilities in Maarintalo

- also Maarintalo open 24 hrs
- remember to always keep your student ID card with you
Sources of information 1/3

Survival Guide and Aalto’s Guide to Finland
• A lot of useful information on living and studying in Finland

Aalto First Year Experience
https://into.aalto.fi/display/enafye/Homepage
• workshops, excursions and events for new students

• CSE Study Guide 2014-2015 (degree requirements)
  • https://into.aalto.fi/display/entik/Study+Guides
Sources of information 2/3

Noppa-portal  https://noppa.aalto.fi/noppa/app
• course descriptions, news

WebOodi
• schedules, registering for courses and exams

Into
• portal for students of Aalto  https://into.aalto.fi/display/en/Homepage
• homepage of School of Science  https://into.aalto.fi/display/enmastersci/Homepage
  – Academic calendar, examination schedule, forms etc.
  – Master’s Programmes
• Homepage of Degree Programme of Computer Science and Engineering:  https://into.aalto.fi/display/entik/Homepage
  • Information and instructions relating to studies
    • Master’s thesis, graduation, forms, study guides etc.
Sources of information 3/3

Academic coordinators
- FAdCO: Emilia Oikarinen
- Macadamia: N.N.
- MBI + euSYSBIO: Elena Czeizler
- Mobile Computing + EIT DSS + NordSecMob: Satu Jääskeläinen
- SDE + EIT SDE: Håkan Mitts
- EIT HCID: Mika P. Nieminen
- SEB: Jari Vanhanen

- Study Coordinators (administrative matters)
Degree reform

- Bachelor’s degree reform 2013
- Master’s degree reform 2015
  - Structure of the degree will change
  - New programmes and majors
- Time to complete your degree in accordance with the degree regulation 2011 until 31 October 2016.
- On 1 November 2016 students will be without separate application transferred to study in accordance with the degree regulation 2013
- Do not worry: more information in due time
In addition...
• 1. About enrolling
  • Students must enroll for each year either as attending or non-attending
  • Only attending students can study (register for courses and exams etc.)
  • Enrollment period usually runs from mid-May to mid-September
2. About email

• All information emails (instructions, decisions, newsletters etc.) will be sent to Aalto email
Programme specific orientations today:

- FAdCo: 12 am (A346)
- Macadamia: 11 am (TU1)
- MBI and euSYSBIO: 11:15 am (T5)
- Mobile Computing: 11 am (T6)
- SDE and ICT SDE: 11 am (AVP Space, TUAS building)
- NordSecMob: 11 am (T3)
- ICT HCID: 12 am (T4)
- ICT DMT: 12 am (3550, TUAS building)
- ICT ES: 12 am (B357)
- ICT DSS: 1 pm (T3)
- SEB: 1 pm (A328)