

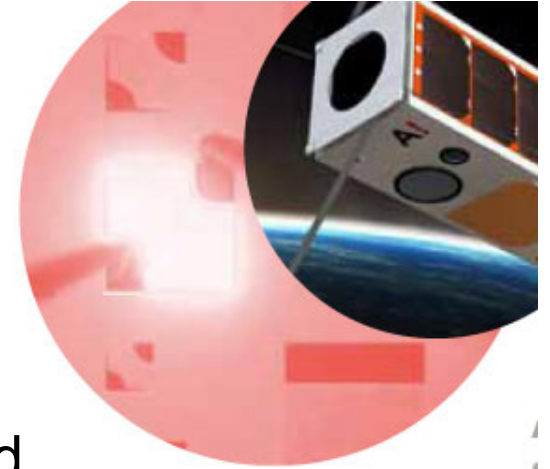


Aalto University
School of Electrical
Engineering

WELCOME TO AALTO!

ORIENTATION WEEK
Master's Programmes
3.9.2019

We are



- **Jenni Tulensalo**

- Master's Programme in Electronics and Nanotechnology, EleNano
- Master's Programme in Advanced Energy Solutions, AAE

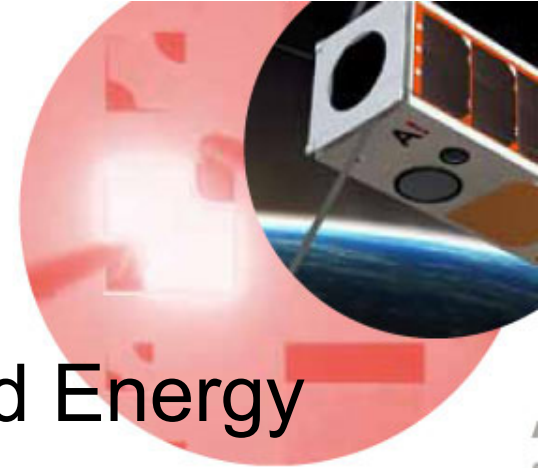
- **Eeva Halonen**

- Master's Programme in Computer, Communications and Information Sciences, CCIS

- **Annika Salama**

- Master's Programme in Automation and Electrical Engineering, AEE

You are students in



- Master's Programme in Advanced Energy Solutions
- Master's Programme in Automation and Electrical Engineering
- Master's Programme in Computer, Communication and Information Sciences
- Master's Programme in Electronics and Nanotechnology

Getting started

Orientation week - Tuesday

9:00 – 10:15 How to get started

- Practical matters
- Basics of studying in Aalto

10:30 – 12:00 Programme welcome sessions

- Automation and Electrical Engineering, lecture hall TU1
- CCIS – Communications Engineering, room AS6
- Electronics and Nanotechnology, room TU6
- CCIS – Acoustics and Audio Technology, Otakaari 5, lecture room Karjalainen
- Advanced Energy Solutions, Otakaari 1, lecture hall U1

12:00 -> Guided campus tours with tutors

- Don't leave the prg welcome session without your tutor!

16:00 -> Aalto party @ Alvarin aukio square

Orientation week - Wednesday

9:00-10:30 Course practices and online tools for studying

- Lecture in Otakaari 1, U4
- Course and study practicalities, online tools, how to register for courses

10.30-12:00 Online tools – IT exercise

- Exercises in Otakaari 1, U256, U257, U344, U351
- Get to know online tools, course registration (help available)
- *Log in with your Aalto ID before the session*

13:00-14:00 Info for students with AMK/Uni of Applied Sciences degree

- Maarintie 8, room TU3

14:00-15:00* Info for Aalto scholarship students

- Maarintie 8, room TU3

*Note! Advanced Energy Solutions students: 14.15-16.00 First lecture of the course AAE-E1000 Introduction to Advanced Energy Solutions (Otakaari 4, 213a).

Orientation week – Thursday & Friday

Thursday

- **9–15 Services for students, Otakaari 1, lecture hall A + services fair**
- **15–16 "Teekkari" -life (technical students' activities and traditions in Aalto University) Otakaari 1, lecture hall A**



Friday

- **11.15-12.15 *Enthusiasm, opportunities and personal growth*, lecture by professor philosopher Esa Saarinen, Otakaari 1, lecture hall U1**
- **13.30 Class Photo at amfi (Otakaari 1)**
 - All new degree students have a possibility to join a group photo taken of the class of 2019.
 - Participation to photo session will be considered as a permission to use the photo in Aalto media.
- **14.30 Introducing the ELEC student guilds, Maarintie 8, room TU7**

Getting started checklist



Have you

- ☐ enrolled for the academic year either online or in the student services?
- ☐ activated your Aalto IT-account either online or by visiting an IT Service Desk?
- ☐ got a printed copy of a certificate of student status (needed for discounts, at police, bank etc. can also be used as a temporary student card on campus)?

OR

- ☐ uploaded the student card App – FRANK?
 - *Plastic student card can be ordered as well*

More getting started - business

Maistraatti registration

(submission of the paper
application possible on
Thursday in Otakaari 1,
room Y199c)

Computer facilities:

- Maarintie 8
- Maarintalo
(24/7)
- Otakaari 1

University
library card:
order online and
collect in 2 days
(learningcentre.
aalto.fi)

HSL Student travel card application form

(from student services)

Use Aalto e-
mail or re-
direct from
Aalto mail!

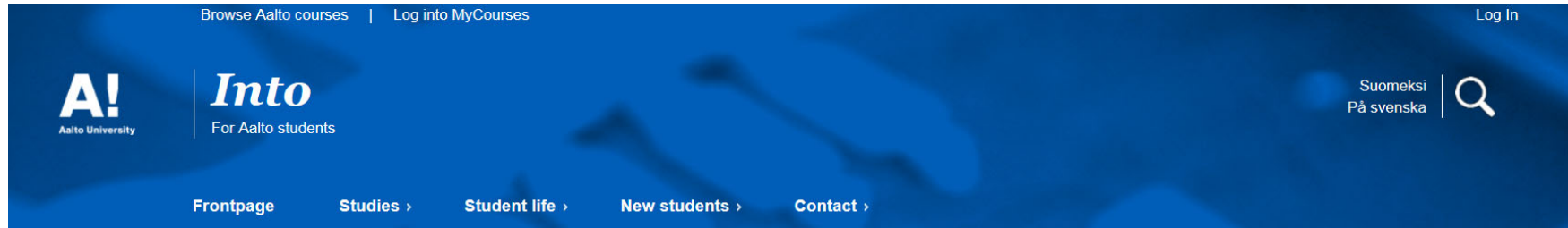
Cloud- printing on campus:

- Student card
- HSL travel
card
- Unigrafia card

Useful stuff...

- [**https://usefulaaltomap.fi/#!/**](https://usefulaaltomap.fi/#!/)
- **Aalto Space –campus app (for ios and android)**

Instructions for settling in:



Student life

> News and events

> Student services

> International students

> Arrival and settling in

> After arrival

> Continue your journey from the airport

> Health insurance

> Student tutors

> Studying at Aalto

> Living in Finland

> Tuition fees and scholarships

After arrival

- Registering the residence, EU/EEA citizens
- Registering the residence, citizens of Nordic countries
- Extension of the residence permit (non EU-students)
- Contacts and more information
- Maistraatti
- Home municipality (domicile, municipality of residence)
- Personal ID-code (henkilötunnus)
- Contact information of Maistraatti
- Notification of move

NOTE! As of 1 January 2017 the Finnish Immigration Service (MIGRI) will be responsible for accepting applications for residence permits as well as other permits for foreign nationals (including EU-citizens residence registration). Until the end of 2016 applications were submitted to the local police department but from the beginning of 2017 MIGRI will handle all the applications.

Registering the residence, EU/EEA citizens

EU-citizens and citizens of Liechtenstein and Switzerland do not need the residence permit for Finland but they must **apply for a right to reside in Finland**, if the studies last for more than three months. Note that the calculation of the three-month residence always restarts from the moment when you return to Finland after travelling outside its borders.

Studying in Aalto

How to get there?



Academic year

- Academic year runs from the beginning of August to the end of July
- **Teaching** from September to the end of May
- 5 teaching periods:

Period I and evaluation week	9 Sep – 25 Oct 2019	37–43
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Period II and evaluation week	28 Oct – 13 Dec 2019	44–50
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NOTE: there may be retakes between 16 Dec-3 Jan

Period III and evaluation week	7 Jan – 21 Feb 2020	2–8
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Period IV and evaluation week	24 Feb – 10 Apr 2020	9–15
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Period V	13 Apr – 29 May 2020	16–22
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- No official summer period – summer courses are available
- Retake exam dates (1-2 days/month)
- We'll discuss exam practices in more detail tomorrow.



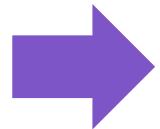
Credit system and work load

credits (cr) (*opintopiste, op, "noppa"*)

1 cr = 1 ECTS = 27 hours (including lectures, assignments, home work etc.)

BSc degree = 180 credits, 3 years

MSc degree = 120 credits, 2 years

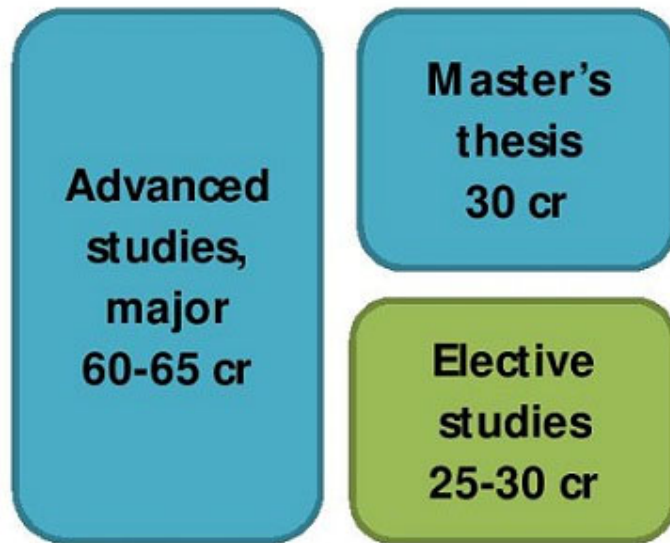


1 semester = 30 credits (note that Spring semester is longer)

1 teaching period = 12 credits

2-3 courses (5 cr) per period

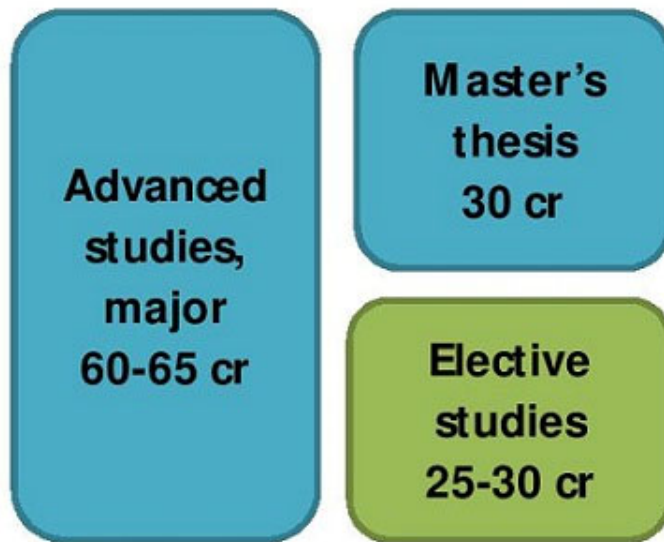
Degree requirements and structure of the master's programmes 1/2



MAJOR

- CCIS: has been selected in the application stage
- AEE: if not chosen yet, preferably this week (more information in the programme session today)
- EleNano: is selected during the autumn term (more information in the prg session)
- AAE: has been selected in the application stage
- Majors consist of joint compulsory courses and optional courses.

Degree requirements and structure of the master's programmes 2/2



THESIS

- Written on a topic related to the major
- Specific MSc thesis info in January

ELECTIVE STUDIES

- May consist of
 - individual courses
 - a minor
 - individual courses + a minor
 - language studies 3 cr, if required of you

Study guides

Degree requirements and study guides for each programme in Into

Into.aalto.fi -> select your programme

Planning your studies

- Each student will draft and submit for approval "a personal study plan" (PSP/HOPS in Finnish)
- Study planning means planning of two things:
 - The content of your degree
 - The schedule of the selected studies
- Each programme has a 2-year model schedule
 - Info in curriculum (recommended study year for compulsory courses)
 - To avoid overlaps in the course timetables, follow this schedule.
- Within the programmes, there are however many specialisation options (study paths – see in Into) as well as the elective studies component.
 - In the end, students are responsible for scheduling the studies themselves.
- During the autumn you will do study plan related assignments in the course ELEC-E0110 Academic Skills in Master's Studies and discuss your study plan with your academic mentor.
- Schedules of the compulsory courses in I and II period are available under "Recommended study timetable".

Personal study plan (HOPS)

- **Personal study plan is an agreement on the content of your degree**
 - Selection of major (if applicable)
 - Selection of optional courses inside your major
 - Selection of elective studies
 - Selection and content of a possible minor
 - **Study plan templates are in SISU –system. Deadline: end of October**
 - **Scholarship students**
 - study progress follow-up for the 2nd year scholarship is done in reflection to the confirmed personal study plan: only courses completed according to the personal study plan are considered as study progress. (more in the info session tomorrow)
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Create your own path

- By selecting courses across disciplines, you can broaden your perspectives: product development, management, design...
- Career paths: researcher, engineer for the industry, entrepreneur etc.
- **You can choose courses from other schools of Aalto**
 - Individual courses for elective studies (UWAS, AVP etc)
 - A minor - **Start-up minor**, **Aalto Service minor**, **Usability-school**, **Data Science**, **Energy studies**... just to name few!
 - Some are open for all, some require application. Tech studies are open to all.
 - Aalto specialities! UWAS, AVP

<https://into.aalto.fi/display/enopinnot/Elective+courses>

<https://into.aalto.fi/display/enopinnot/Minors+2018-2020>

Language studies requirement

- Requirement of language studies in higher education degrees is in the University Law.

Who	Language requirement in MSc
Finnish students who have completed their BSc degree in Finland	2 cr in second national language + 3 cr in one foreign language UNLESS these have been covered in your BSc.
Students who have completed their BSc degree in Finland in English (e.g. AMK)	3 cr in one foreign language UNLESS this has been covered in your BSc.
Students who have completed their BSc degree elsewhere	3 cr in one foreign language or Finnish if the command of English is excellent – confirmed in the study plan.

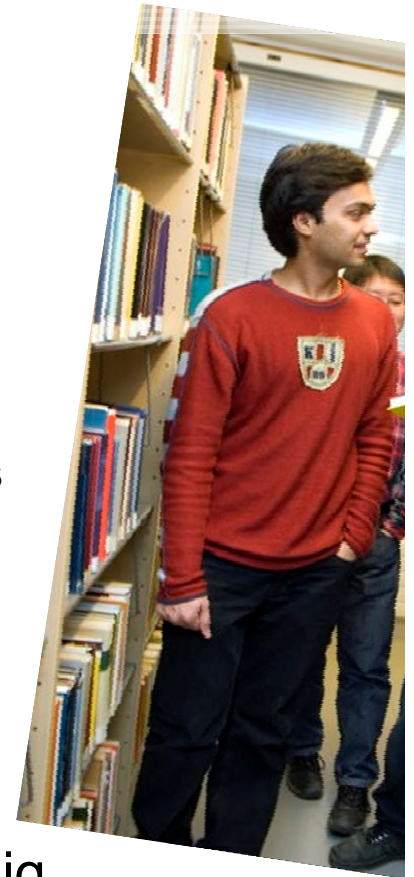
Language courses to cover the requirement - examples

English

- LC-1310 Academic Communication for MSc Students

Finnish courses:

- Knowing the basics will help you to adapt to your new surroundings as well and will help with job search in the future
- LC-7311 Finnish 1A, LC-7312 Finnish 1B
- LC-7009 Get to know Finland
- Language center:
<https://into.aalto.fi/display/enopinnot/Compulsory+Foreign+Language>



- The normative duration of the programmes is 2 years
- Study right is for 4 years.
Extension may be applied.
 - Scholarship students: note, that the scholarship term is 2 years.
- To renew the residence permit (students from non-EU countries), 40-45 credits are required (other formal requirements for the permit remain the same)
- Requirement for opintotuki (state's student financial aid) 5 cr/month – 20 cr/semester.



Further support for studies

- **ELEC-E0110 Academic Skills in Master's Studies**
 - Start lecture on 9 September 2018, 16-18, AS2
 - You will be assigned an academic mentor (a professor from your major)
- **The course is not available for Advanced Energy Solutions but you will be assigned a mentor.**

Student services in School of Electrical Engineering

Service desk in room 1151: transcripts, student status certificates etc.

- Studies-elec@aalto.fi
- Mon 9.30-11, 12-15.30, Tue 12-15.30, Wed 9.30-11, 12-15.30, Thu 9.30-11, 12-15.30, Fri 9.30-11
- into.aalto.fi

Programme-specific study counselling (planning officers). Available during office hours or by appointment (booking systems available):

Automation and Electrical Engineering, Space Master

- Ms [Annika Salama](#), room 1152

Computer, Communication and Information Sciences

- Ms [Eeva Halonen](#), room 1152
- For CCIS also study coordinator [Mika Nupponen](#), room 2540

Electronics and Nanotechnology, Advanced Energy Solutions

- Ms [Jenni Tulensalo](#), room 1147

You can also visit any of the planning officers!

Aalto University Code of conduct

- **Code of Conduct = an agreement on rules of behaviour for a group or organization**
- **In activities related to learning or working at Aalto or representing Aalto, the members of the Aalto community agree to:**
 - act honestly and with integrity
 - respect others regardless of their background
 - foster open discourse and free exchange of ideas
 - build mutual trust, and
 - actively care for the safety and well-being of themselves and others.

Code of Conduct

The Code of Conduct summarises the principles and policies of fair play and integrity that govern the activities of the Aalto University community:

- equality
- impartiality
- mutual trust

Our goal is to make everyone feel accepted and valued as they are and recognised as full members of the Aalto community.

- All members of the community have a responsibility for the atmosphere and well-being of the studying community.
- If you experience harassment or inappropriate treatment, take the matter further and ask for support: help is available, and Aalto has clear and uniform practices in place for dealing with harassment and inappropriate treatment.

Studying in a new (international) environment

- **It's not just about adapting to the Finnish way or a new school system, it's about adapting to a multicultural environment as well.**
- **Be open-minded and remember that your point of view is just one point of view.**
- **Try to find a balance between studies, social life (and work).**
- **It's easy to stick to the most familiar reference group (other students from your country or students speaking the same language).**
 - Be brave and step outside your comfort zone!

Next

- **Programme welcoming sessions**
 - Automation and Electrical Engineering, lecture hall TU1
 - CCIS – Communications Engineering, room AS6
 - Electronics and Nanotechnology, room TU6
 - CCIS – Acoustics and Audio Technology, Otakaari 5, lecture room Karjalainen
 - Advanced Energy Solutions, Otakaari 1, lecture hall U1.
- **Campus walk with tutor groups – don't leave the room after the programme session without your tutor 😊.**
- **If you have questions, we are available in the student services office in the afternoon.**

See you tomorrow!



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