ARCADA UNIVERSITY OF APPLIED SCIENCES







Studying at Arcada

Mechanical and Sustainable Engineering

Sofie Sundström Laurits Møller

Study Counsellor International Student Advisor



Information about the degree

• Name of degree: Bachelor of Engineering / Ingenjör (YH)

• Scope: 240cr (1cr ≈ 27 hours). One study unit normally 5cr. (Study unit = course)

• **Duration**: 4 years

• Expected study pace: Full-time

• one period: 15 cr

• one semester: 30 cr

• one academic year: 60 cr



Academic Year 2025-2026

The academic year starts officially on August 1st 2025 and ends on July 31st 2026.

Period 1: 1.8–26.10.2025

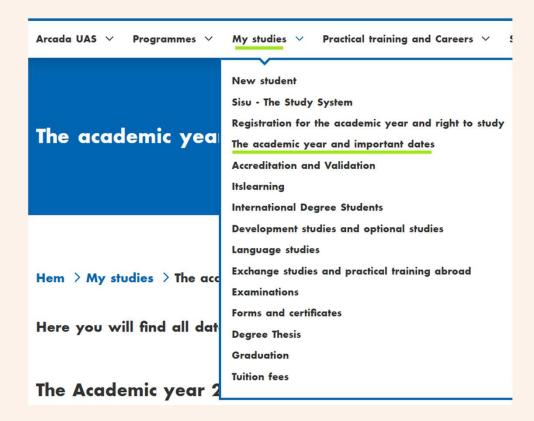
Period 2: 27.10-31.12.2025

Period 3: 1.1–22.3.2026

Period 4: 23.3–31.7.2026

During the time 20.12.2025–6.1.2026 there are no tuition arranged at Arcada.

Check national public holidays celebrated in Finland on start.arcada.fi



Study Plan = Curriculum

It is very important to familiarize yourself with the curriculum in order to get an overview of the degree that you are about to complete.



Where do I find my study plan?

- In the study guide START start.arcada.fi
 - Study plan
 - Structure of the studies
- In the student information system SISU sisu.arcada.fi
 - The study plan has to be created
 - "Structure of studies"



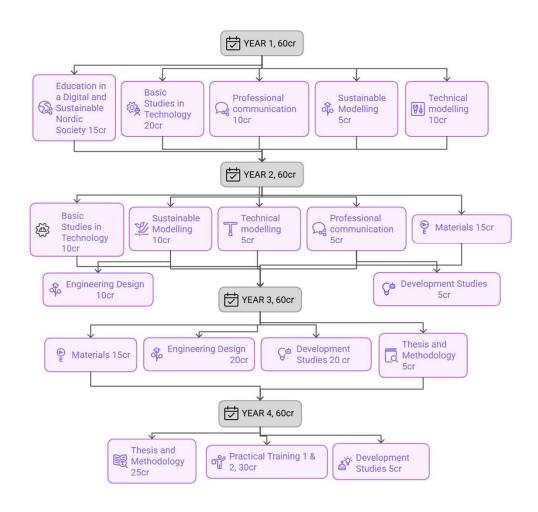


Structure of studies

 General education studies: 	15 cr
 Proffessional studies: Basic studies: Professionall communikation: Sustainable modelling: Tecnical modelling: Materials: Engineerin Design: 	135 cr 30 cr 15 cr 15 cr 15 cr 30 cr 30 cr
Practical Training:	30 cr
Development studies:	30 cr
 Research studies: Research Methods: Thesis: 	30 cr 15 cr 15 cr



Structure of Studies MSE25 240cr



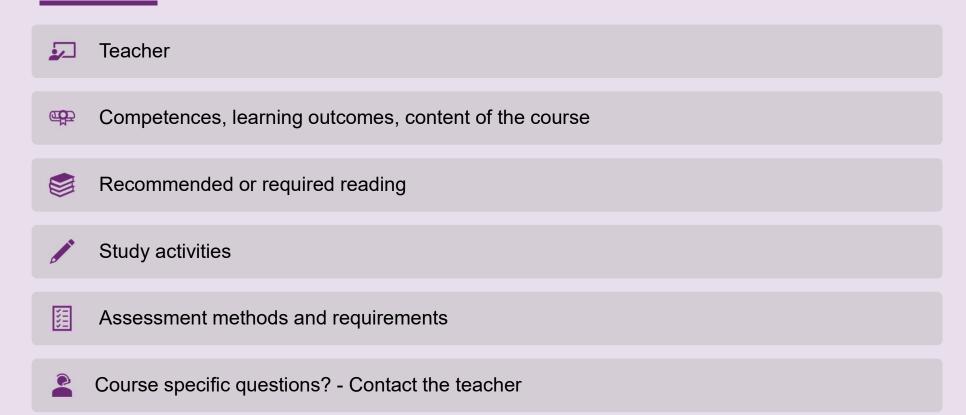


Studying at an UAS

- Versatile teaching and learning methods are applied.
- Fewer contact teaching lessons compared to upper secondary education.
- Students are expected to take responsibility for their own learning. (<u>Support is available for</u> <u>studies</u>)
- The studies include a compulsory internship of 30 credits (ECTS). Students are responsible for finding their own internship placement.



Descriptions of courses





Assessment and examinations

- Assessment requirements and forms of examination are stated in the description of the course.
- Example of examination methods
 - exams
 - essays
 - assignments
 - reports
 - demonstrations or presentations
 - group work
- An approved study attainment is assessed with the grades:
 - excellent (5), very good (4), good (3), satisfactory (2), sufficient (1)
 - in specific cases, with the grade "passed".



Mandatory presence?

Check the course description or ask the teacher.

If you are not able to be present during a lecture, please inform the teacher about the matter in advance (only valid reasons are accepted). The absence may be compensated with an e.g. obligatory pre-assignment. Moreover, you are not entitled to extra support due to your absence. If you do not participate in the following lectures or submit the prospective pre-assignment the teacher has the right to cancel your enrollment.



Check START for more detailed instructions

- Examinations (general)
- <u>Degree Statutes</u> (all of Arcada)
- Equality and equal treatment
- Arcada's quality culture

start.arcada.fi



What to do when I need help / have a question?

1. Go to Arcada's study guide START;

- https://start.arcada.fi/en
- Navigate between different options in the white bar on top of the page
- Use the seach function if you can not find what you are looking for from the white bar





1. Continuation of START

Arcada UAS V	Programmes V	My studies ∨	Practical training and Careers	Study support ∨	Tools and Services ∨
News Contact details Campus The university's organization The ambassador programme at Arcada Rules and rights	Information Technology International Business Materials Processing Technology Mechanical and Sustainable Engineering Nursing Big Data Analytics (Master)	New student Sisu - The Study System Registration for the acade The academic year and in Accreditation and Validati		Library, information retrieval and course books Student Affairs IT-support Planning your studies Writing workshops and language support Student life	Sisu - student information system The Arcada App - Tuudo Your Arcada e-mail Arcadas online study environment Itslearning LinkedIn Learning - Competence development File management - Office365
	Energy Automation Sustainable Engineering Healthcare Leadership (Master) International Business Management (Master Machine Intelligence and Data Science (Mas Media Management (Master)	Development studies and Language studies	optional studies	Career Services Help with studies Well-being For international students	Hub team work - Teams Information retrieval and references Writing Guide and Templates Security reports Vocabulary (English-Swedish)
		Forms and certificates Degree Thesis Graduation Tuition fees			



What to do when I need help / have a question?

2. If you can not find an answer to your question on Start, please contact the following people / team for help:

Psychologist and Student Social Worker	Guidance and support in learning, wellbeing, special arrangements, and certificates in case of learning difficulties (e.g. dyslexia, ADHD/ADD), visual, hearing, or mobility impairments. https://start.arcada.fi/en/study-support/well-being/study-counselling-and-support
International Student Advisor	•Questions related to living and studying in Finland as an international student. https://start.arcada.fi/en/study-support/for-international-students
Study Coordinators at the Student Affairs Office	• Certificates, forms, academic year registration, study benefits, study rights, changes in the student register, and requests for transcripts or diplomas. https://start.arcada.fi/en/study-support/student-affairs
Study Coordinators at Sisu Support	•Technical issues and course enrollment in Sisu. https://start.arcada.fi/en/my-studies/sisu-the-study-system
Career Counsellors at the Career Centre	•Future plans/career choices, internships, jobs. https://start.arcada.fi/en/study-support/career-services
Librarian and Information Specialists	• Finding course literature, citing sources. https://start.arcada.fi/en/study-support/library-information-retrieval-and-course-books
IT Support	•Questions or problems related to online tools. https://start.arcada.fi/en/study-support/it-support
<u>International Coordinators</u>	•Exchange studies, practical training abroad. https://start.arcada.fi/en/my-studies/exchange-studies-and-practical-training-abroad
Program Director	Development studies, practical training, thesis supervision. https://start.arcada.fi/en/programmes/mechanical-and-sustainable-

engineering



When to contact your Study Counsellor?

- If you have study related questions that include planning of studies at Arcada
 - ➤ If you want to study in a faster pace and need an individual study plan
 - > If you have fallen behind in your studies and need an individual study plan
 - > Questions related to accreditation of previously gained degrees at a university level
- If you can not find an answer on <u>Start</u> and you do not know who to contact even after you have read through the list from the last slide.



Study counsellor

- Sofie Sundström
- Programs:
 - Energi- och miljöteknik
 - Materialteknik och hållbarhet
 - Mechanical and Sustainable Engineering
 - Socionom (dag)
- Phone: 0294 282 651
- Email: sofie.j.sundstrom@arcada.fi





Application for accreditation or validation

General Principals:

- Only studies/competences that are required for the degree can be accredited.
- Important to apply for accreditation/validation of competences before you begin your studies
- Studies completed more than 10 years ago must be validated.
- Start the process by contacting your study counsellor with your transcript of record.

Students can apply for accreditation of:

- Previous studies completed at another UAS or University in Finland / abroad, when the student can prove the studies with a transcript of record or through My Studyinfo
- More information and link to the form is found on Start.

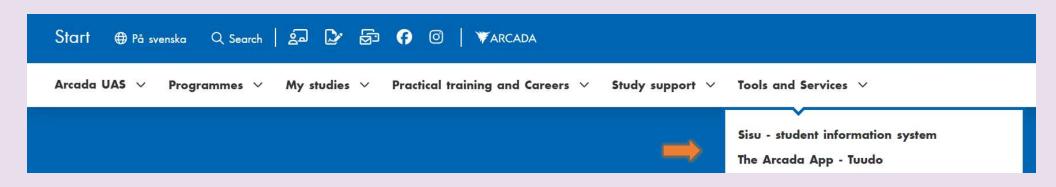
Students can apply for validation of:

- Internship or work experience
- Competences acquired informally thorugh work life, in association or organisational activities
- Competence based on a combination of several different courses
- Validation of professional studies; information and link to form on <u>Start</u>
- Validation of general studies, methodology studies, or language studies; information on <u>Start</u> application is done through Sisu



SISU - Arcada's student information system

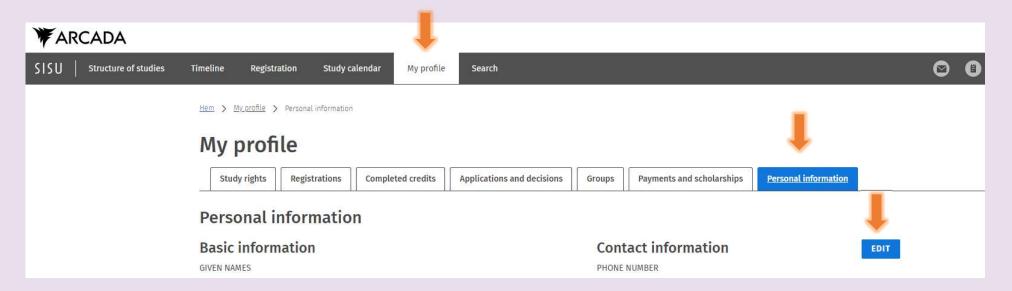
Log in to SISU through Start or go to sisu.arcada.fi





Contact information

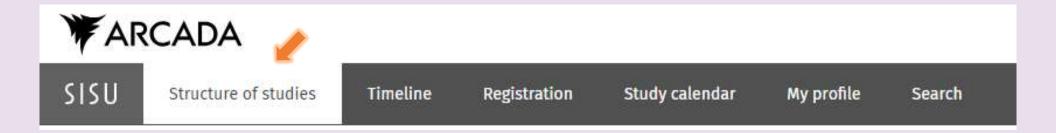
Go to My profile - Personal information - Edit





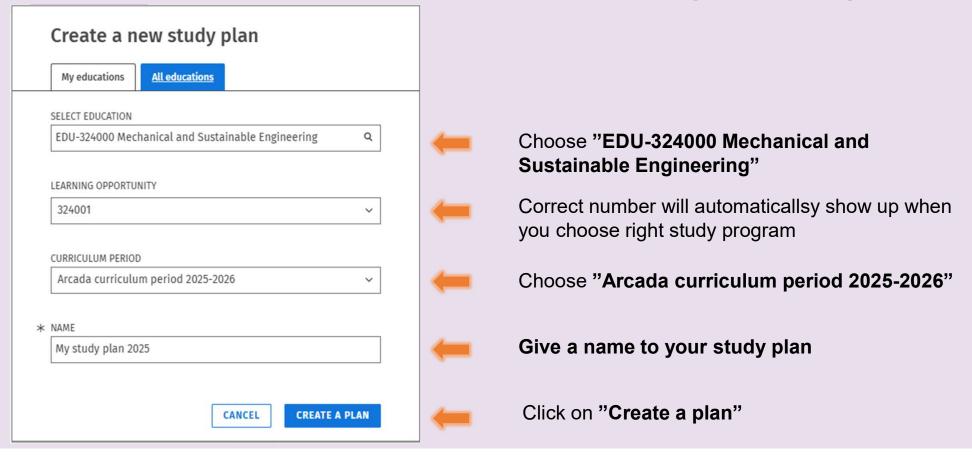
Create your Study Plan

Go to Structure of studies





EDUCATION Mechanical and Sustainable Engineering





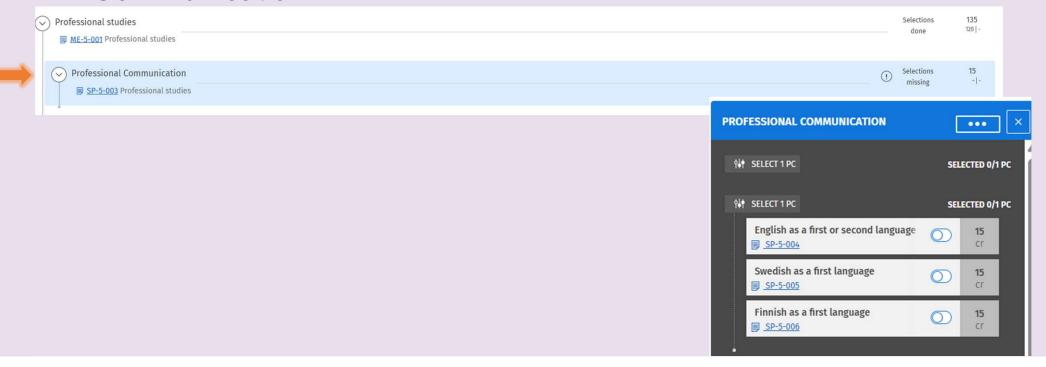
You have now created your study plan





Language studies

 Please choose the correct study module under "Professional Communication"





Registration to courses

- The registration can be done in different ways, but today we are going to register through the study plan.
- Instructions also found on Start
 - Registration via Study Plan
 - Course registration via Timeline
- We will register for all the first-year courses offered in fall semester today



Courses during first year



Fall 2025 (30 cr + Finnish for beginners 1 & 2?)

AS-1-044 Technology and Learning (5 cr) GT-2-013 Engineering Chemistry (5 cr) GT-2-024 Introduction to programming and automation (5 cr) AS-1-045 Teamwork an Innovation (5 cr) PM-2-026 Linear Algebra (5 cr) PM-2-030 Technical Drawing (5 cr)

Spring 2026 (25 cr + Finnish for beginners 3 or other development studies)

AS-1-046	Ethical and Sustainable Societal Development (5 cr)
PM-2-031	Computer Aided Design (5 cr)
SP-EN-002	English Academic writing (5 cr)
GT-2-014	Engineering Physics (5 cr)
GT-2-015	Environment and Resources(5 cr)



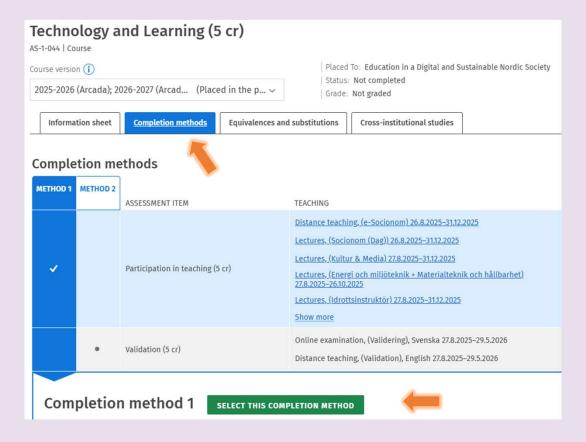
Registration through the Study Plan

- The registration is done separately for all six courses.
- Go to "Structure of studies"
- Start by selecting one course = click on the blue course code
 - > AS-1-044 Technology and Learning



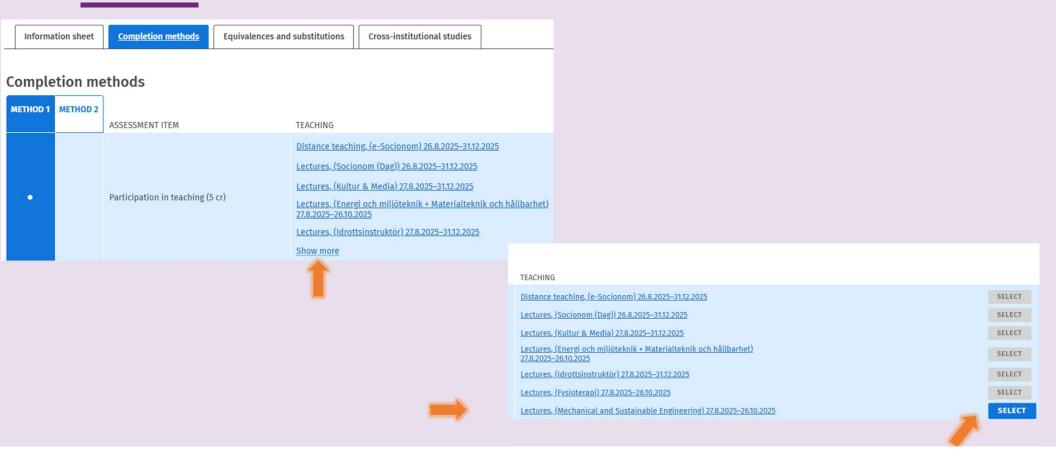


Select "Completion method 1"



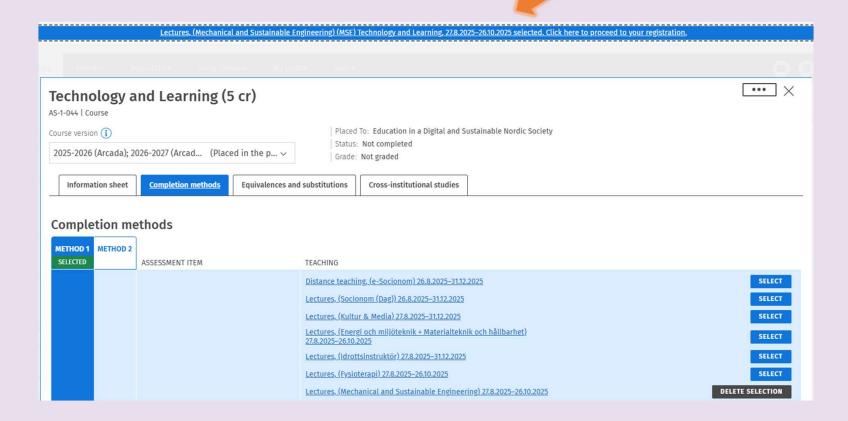


Click on "Show more", then look for "Mechanical and Sustainable Engineering" and choose "Select"



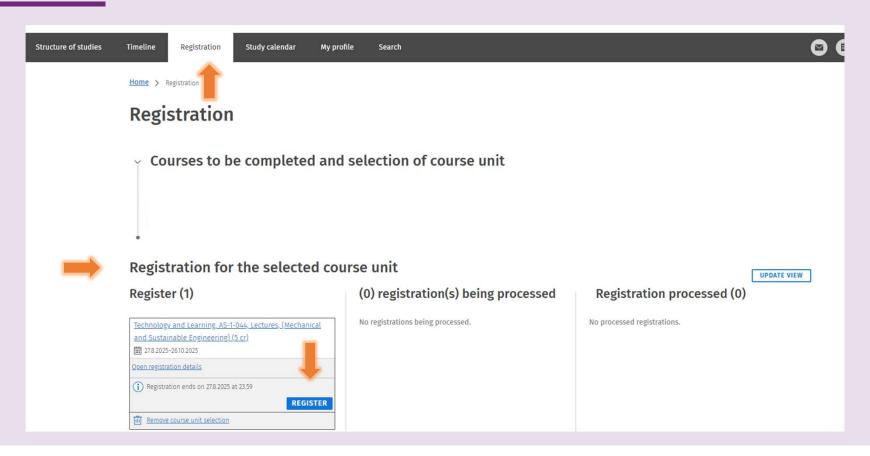


Click here to proceed to your registration





Registration – "REGISTER"





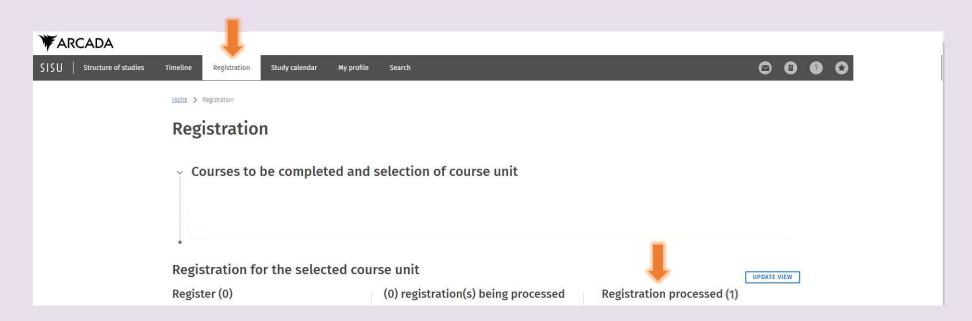
Scroll down and choose "CONFIRM"



You are now registered.



 You can later find your registration under "Registration" and "Registration processed"





Now you register to the other courses yourself

- 1. AS-1-044 Technology and Learning
- GT-2-013 Engineering Chemistry
 GT-2-024 Introduction to programming and automation
- 4. AS-1-045 Teamwork an Innovation
- 5. PM-2-026 Linear Algebra
- 6. PM-2-030 Technical Drawing
- 7. (GT-3-005 Introduction to engineering mathematics, Optional)
- 8. Note! MSE-INFO General information Mechanical and Sustainable Engineering (Implementation: MSE25)

Always choose the courses where you see the code for your own program; "MSE" (If you cannot find "MSE", look for "engineers")



Finnish for Beginners - (optional!)

- Belongs to a module from the Optional Development Studies.
- Foreign students can study Finnish for Beginners 1, 2 and 3 during the first year.
- Finnish for Beginners 1, runs in period 1. You can now sign up for this course in the same way you did with the other ones.



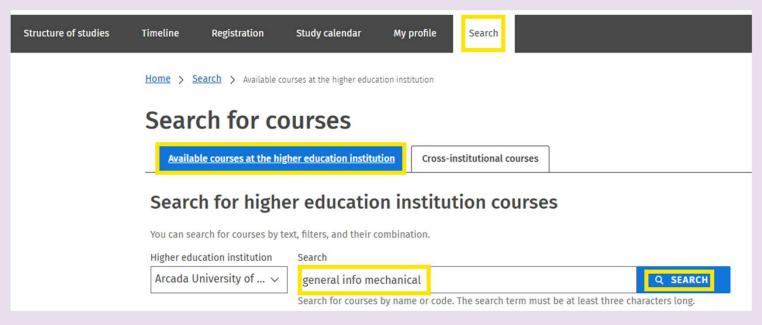
How to register?

- 1. Go to your study plan "Structure of studies"
- 2. Click on the blue code for the study unit
- 3. Go to "Completion methods", find the right implementation and choose "SELECT"
- 4. A blue bar appears at the top of the page "Click here to proceed to your registration"
- Choose "REGISTER"
- 6. Scroll down and choose "CONFIRM"

Start the process again from paragraph 1 with the next course.

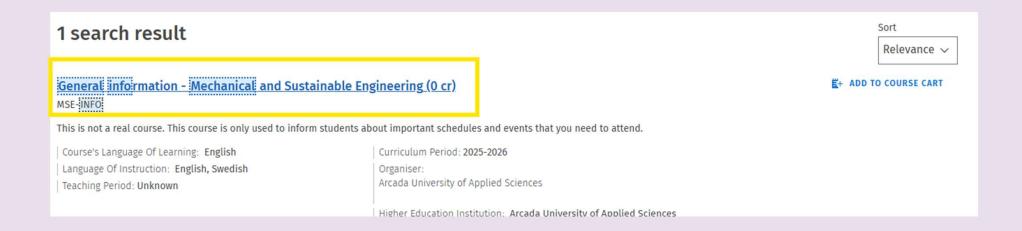


1. Click on "Seach" at the banner in Sisu and check that "Available courses at the higher education institution" is marked. Type "General info mechanical" and click on "Search":



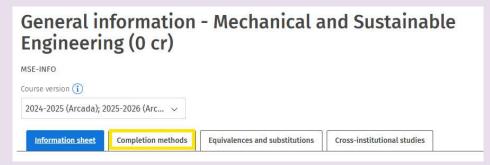


2. One search result will show up. Click on the blue name of the course "General information - Mechanical and Sustainable Engineering (0 cr)", which has the course code MSE-INFO:

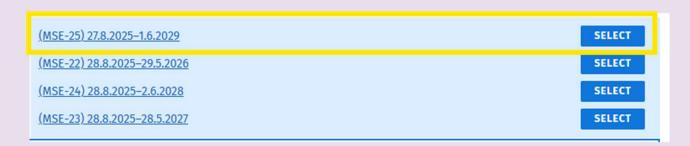




3. Click on "Completion methods":



4. Look for "MSE25" and click on "Select":





5. You will then be able to follow the same steps as you usually do when you enroll to courses; Click on the blue banner on the top of the page and continue with the rest of the enrollment process:

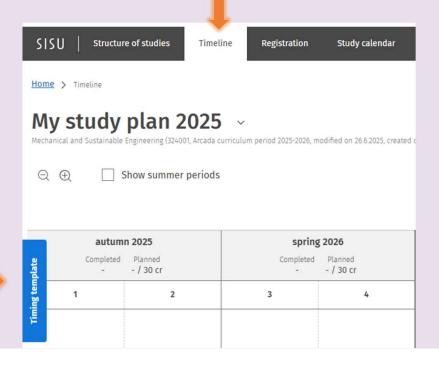
Registration Study calendar My profile Search

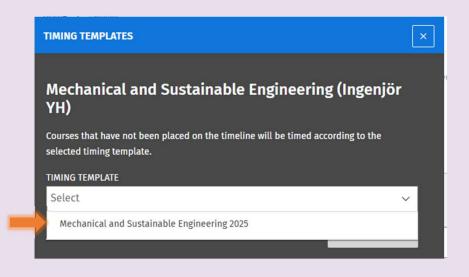
(MSE-25) (MSE-25) General information - Mechanical and Sustainable Engineering, 27.8.2025–1.6.2029 selected. Click here to proceed to your registration.



How to see when your courses are running in Sisu?

- 1. Go to Timeline and click on Timing template
- 2. Choose "Mechanical and Sustainable Engineering 2025"

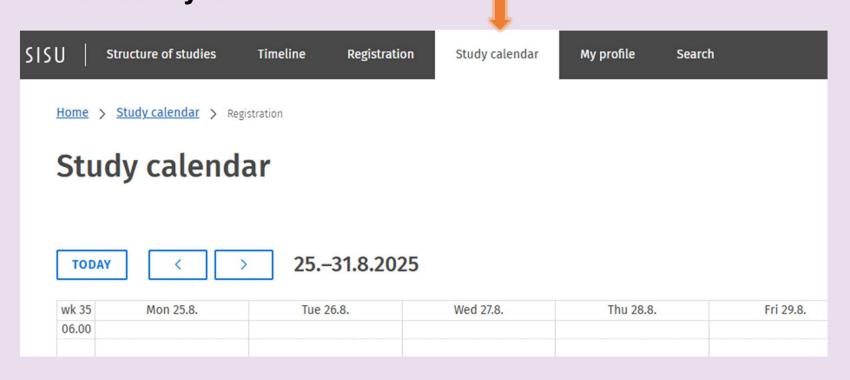






How to look at your schedule in Sisu?

→Go to Study calendar





*ARCADA TUUDO

Tuudo is a mobile application designed to make your everyday studies easier.

With Tuudo, you can e.g.:

- · See your schedule
- Read news and posts from Start
- Navigate on campus through maps
- · See the week's lunch menu
- Search on timetables for public transportation
- Get information about other study related services at Arcada

How to install Tuudo?

You can download Tuudo from Play Store (Android) or App Store (iOS). When you have completed the installation and opened the app, choose Arcada from the list of universities. Then, log in with your Arcada account. You only have to log in the first time.



Itslearning

- The online study environment at Arcada
- Most used study platform during your studies
 - > Important to learn how to navigate in it
- When signing up to courses in Sisu, the courses will automatically appear on Itslearning after a couple of hours
- The link: https://arcada.itslearning.com



Your Arcada email & keys to campus

- Always use your Arcada email when you contact someone in the personnel
 - Sign your email with your **First name**, **Last name**, **student number**, **study program and the year of the start of your studies** (MSE2025).
 - Read your emails regularly
 - Sign up for the right mailing list (mechanical2025)
- Arcada mobile key Access to campus



Schedule for this week

- You can see the schedule for this week and forward in Sisu/Tuudo after you have signed up for the courses.
- Tomorrow's schedule also on START: https://start.arcada.fi/en/my-studies/new-student/study-start-and-introduction-days/mechanical-and-sustainable-engineering
- Try to sign up for the courses today! Need help? Meet me tomorrow 9.45 @ E387!



— Tuesday, 26 August

Drop-in Session for Students Who Need Help with Course Enrollment (Optional)

Time: 9.45-10.30 Room: E387

Student Affairs
Time: 11.00-11.30

Room: Small Auditorium (F249)

Lunch

Time: 11.30-12.30

Campus Tour

Time: 12.30-13.30

Starting point: Lion Square (outside Arcada)

Programme with tutors

Time: 13.30-14.30



Both info sessions and lessons during 27-29 August

- Information about language studies on Wednesday, 27 August
- Support in studies on Thursday, 28 August
- First course starts on Friday, 29 August (Engineering Chemistry)



What shall I do now?

1

Activate your Arcada user account and start to read your Arcada email (if you haven't done this yet)

2

Sign up for the study units in Sisu! If you need help with the enrollments, meet Sofie and Laurits tomorrow @ E387, 9.45-10.30! 3

Get to know start.arcada.fi, Sisu, Tuudo and itslearning 4

Check your timetable in Sisu or in Tuudo

Questions?



Thank you!

Have a great day!

