

PLANNING YOUR STUDIES

SCI-A1010 Intro course for BSc Students



Aalto University
School of Science

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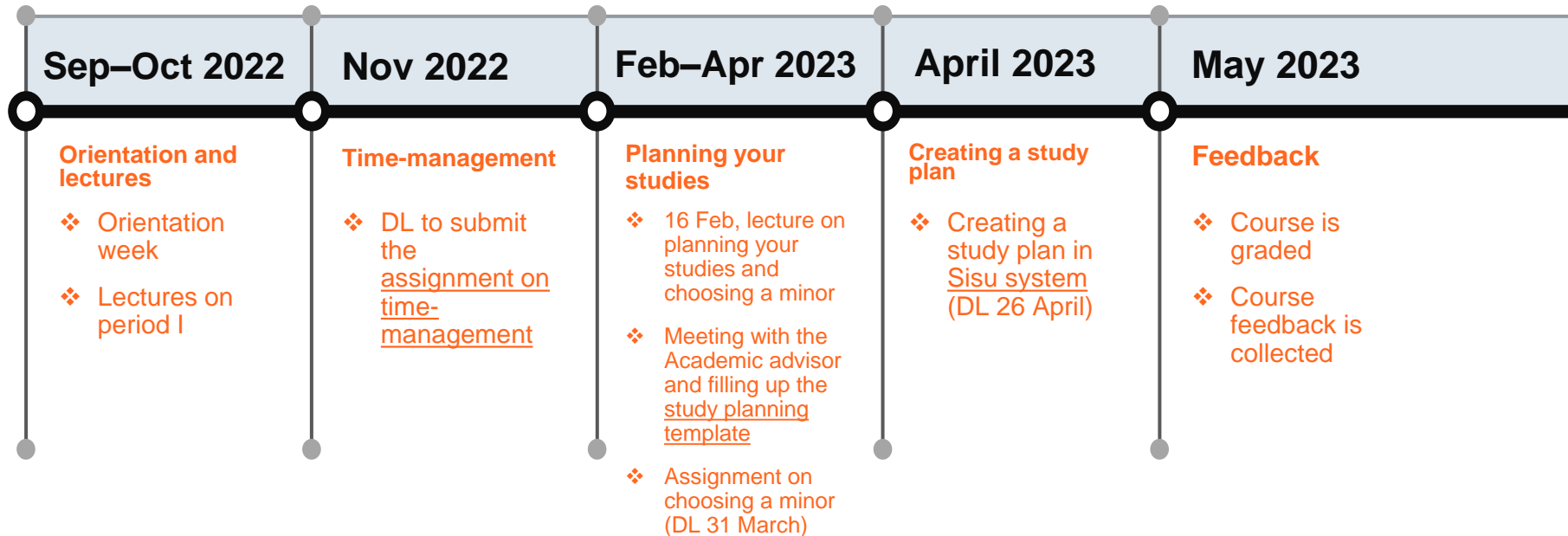
SCI-A1010, Spring 2023

Topics for this lecture

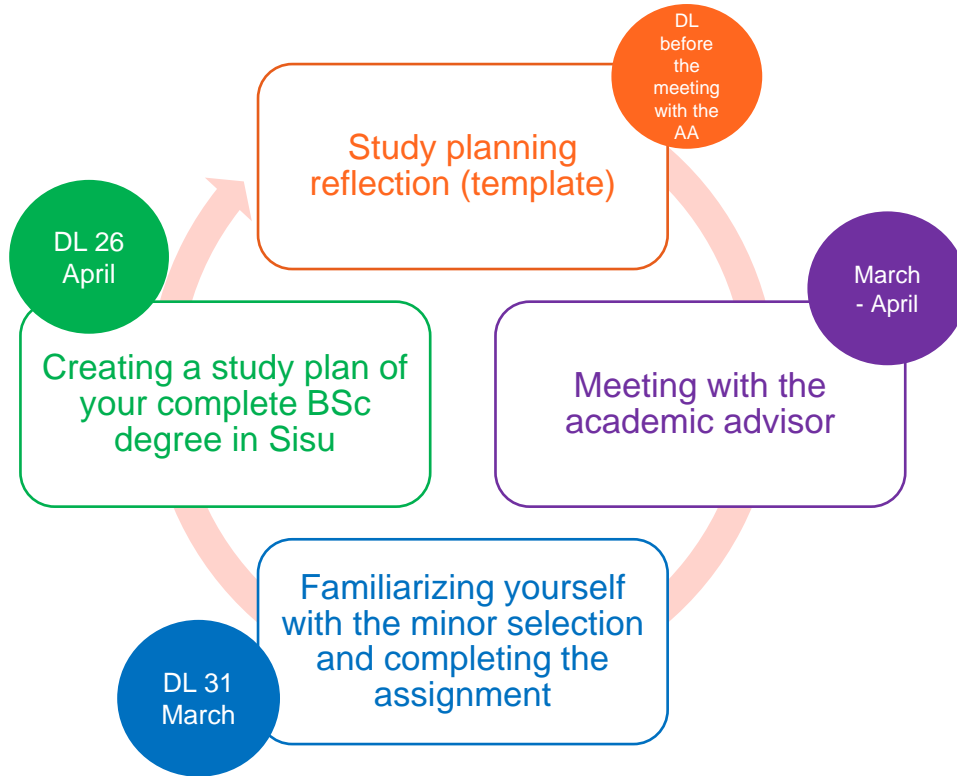
- Planning your studies and creating a study plan**
- Choosing a minor and elective studies**
- What is academic advising and how it contributes to planning your studies?**
- Senior students present their minors**

SCI-A1010 Introduction Course for BSc Students

Timeline 2022-2023



Study planning in the first year of studies (and thereafter...)



In the future, the study plan must be kept updated. You will need it when

- enrolling for courses
- applying for credit transfer
- applying for exchange
- graduating

STUDY PLANNING

Study planning

INFORMAL

- What are my goals?
- What do I dream of?
- What do I want to do after finishing my studies?
- What am I good at?
- What do I want to learn?...

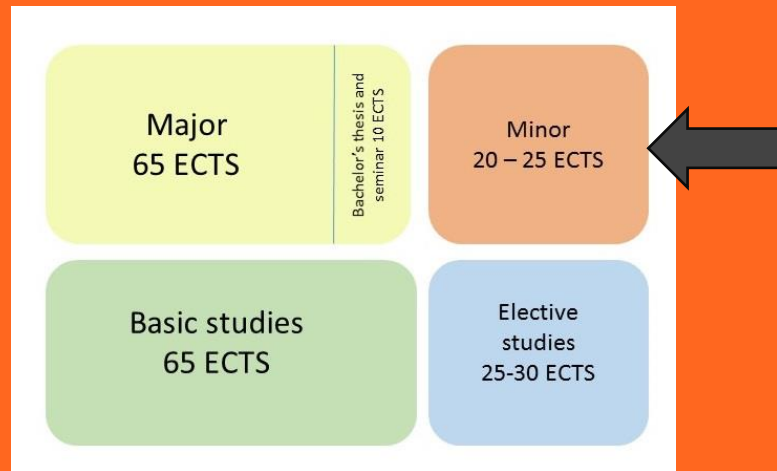
Through reflection, studying, discussions, reading, writing, working...

FORMAL (Universities Act, Aalto regulations, policies and practices...)

- Degree requirements
- Degree structure
- Minors
- Master's programmes

Through study plan in Sisu with the help of Curriculum in aalto.fi

MINOR STUDIES



What should I choose as a minor?

(informal)

- What do you want to learn or study!
- Can support you major or be something completely different
- Top 5 minors of Aalto BSc Tech students
 1. Computer Science (not for DS students)
 2. Data Science (not for DS students either)
 3. Mathematics
 4. Bioinformation Technology
 5. Economics

→ over 50 different minors chosen!
- Talk to your peers, friends, parents, academic advisor, LES...

What can I choose as a minor? (formal)

- **A minor (20–25 ECTS cr) is a compulsory part of the BSc degree**
- **Minor studies can be chosen from**
 1. Aalto University
 2. Another Finnish university through flexible study right (if subject not offered in Aalto)
 3. University abroad while attending exchange (International Studies minor)
- **Minor cannot be from the field of the major**
- **BSc level as a rule**
- **Cannot include courses overlapping other courses (note e.g., programming courses)**
- **May affect your master's programme options (check the criteria!)**
- **TECH and BIZ minors chosen through primary study plan, ARTS minors may have separate application process**

<https://www.aalto.fi/en/student-guide>



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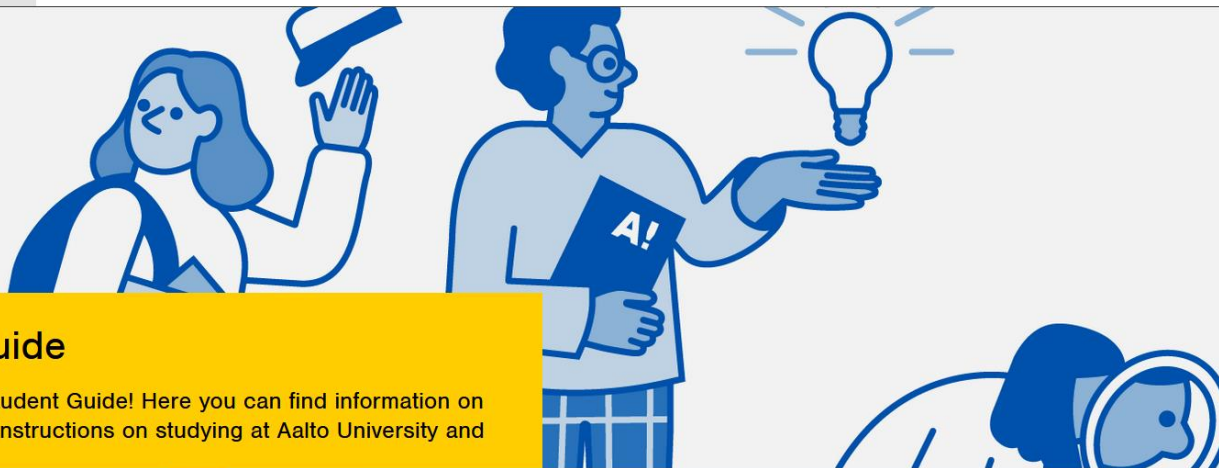
Programmes

Minors

Courses

Other studies

Language and communication studies

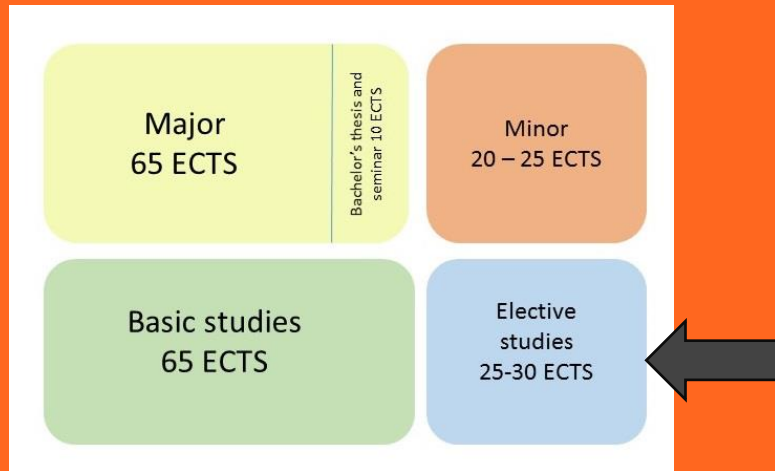


Student Guide

Welcome to the Student Guide! Here you can find information on your programme, instructions on studying at Aalto University and

<https://www.aalto.fi/en/minors>

ELECTIVE STUDIES



Elective studies

- **University level degree courses**
- **Language Centre language and communication studies**
- **BSc level courses recommended**
- **Courses of other English BSc majors or minors as elective studies**
- **Elective minor (total two minors)**
- **Check course prerequisites and other criteria on Sisu!**
- **Prerequisite courses for MSc programmes (CHEM)**
- **What is not allowed**
 - Courses that overlap with compulsory or other courses
 - University MOOCs for wide audience

SISU

What do I need to do in Sisu now?

- **draft a plan of your complete BSc degree including a minor and elective studies in Sisu**
 - DL 26 April (assignment on SCI-A1010!)
 - Remember to check the degree requirements from the Curriculum
 - We will check and comment on your plan
- **some parts of the study plan require approval → apply for approval once your plans are (at least almost) finalized**
- **You can update the optional and elective parts of your study plan at anytime**
- **Study plan must be kept up-to-date e.g. for course enrollment and graduation**
- **Drafting a timing for your BSc degree studies is also recommended but not compulsory nor checked by us**

Study plan in Sisu system in the center of study planning

My study plan 16.02.2023

ELEC: Aalto Bachelor's Programme in Science and Technology and M.Sc. (Tech.) (Aalto Bachelor in Science and Technology and M.Sc. (Tech.) - Digital Systems and Design, 2022-2023, modified on 16.2.2023, created on 16.2.2023)

NEW STUDY PLAN





You do not have a study right that corresponds to your study plan or you have not registered for the current term.

	STATE	CREDITS (CR)
ELEC: Aalto Bachelor's Programme in Science and Technology and M.Sc. (Tech.) EDU_ELEC10	Selections missing	
Aalto Bachelor's Programme in Science and Technology ELEC10	Selections missing	180 122 -
Basic studies ELEC3029.A Basic studies	Selections missing	60 57 -
2 SCI-A1010 cf Introduction Course for Bachelor's students		
5 MS-A0111 cf Differential and Integral Calculus 1		
5 MS-A0211 cf Differential and Integral Calculus 2		
5 ELEC-A7200 cf Signals and Systems		
5 ELEC-A7100 cf Basic Course in C programming		
5 ELEC-CS231 cf Introduction to Signal Processing		
5 TU-A1300 cf Introduction to Industrial Engineering and Management		
5 MS-A0001 cf Matrix Algebra		
5 MS-A0503 cf First Course in Probability and Statistics		
5 CS-A1110 cf Programming 1		
5 CS-A1140 cf Data Structures and Algorithms		
5 ELEC-A7151 cf Object oriented programming with C++		

Add to the plan (9)



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Programmes

Aalto Bachelor's Programme in Science and Technology

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This site contains the student study guide for Aalto Bachelor's Programme in Science and Technology. Here you will find the programme curriculum as well as detailed guidelines for planning your studies. All the materials and instructions are for the students in all the majors of the programme. If you are interested in applying to the programme, follow the links on the bottom of the [site to the application pages](#).

ACADEMIC ADVISING

What is academic advising?

An Academic Advisor is a teacher in students' own field of study who can support the student with study related issues by:

- **giving general advice on studies at Aalto,**
- **offering support when making decisions on your studies**
- **discussing study and career plans,**
- **sharing their own experience and expertise**

Academic advising creates a link between students and staff so that:

- **students are recognized as an integral part of the academic community**
- **we collect feedback about the programme.**

AA is not a databank with the right answers, but more like a mentor/coach helping you finding the right answer.

SUPPORT

Need help with the study plan?

- Take advantage of the AA meetings
- Book a meeting with the coordinators (LES) via MyStudies or email us at bsc.tech@aalto.fi

Example:

Recommendation for a minor to choose? → AA

What minors are there to choose from? → LES

How to use SISU? → Sisu instruction on [aalto.fi](https://www.aalto.fi)

<https://www.aalto.fi/en/applications-instructions-and-guidelines/sisu-instructions-front-page>

Need support with study skills or study-related issues?

- **Practical help with studies and study planning**
Programme's LES, i.e Hanne-Maaria and Paavo
- **Starting Point of Wellbeing**
<https://www.aalto.fi/en/study-at-aalto/starting-point-of-wellbeing>
- **Study Skills**
<https://www.aalto.fi/en/study-at-aalto/study-skills>
- **Beat the Blues -events** → next Thu 16.3 at 16-18!
- **Contact us @ bsc.tech@aalto.fi if you don't know who to contact or where to find help!**



Attendance

Answer the lecture quiz on MyCourses by Fri 17 Feb 23:59

THANK YOU!
QUESTIONS?