

Introductory Webinar

Organised by the Mentors (SI@FIN)



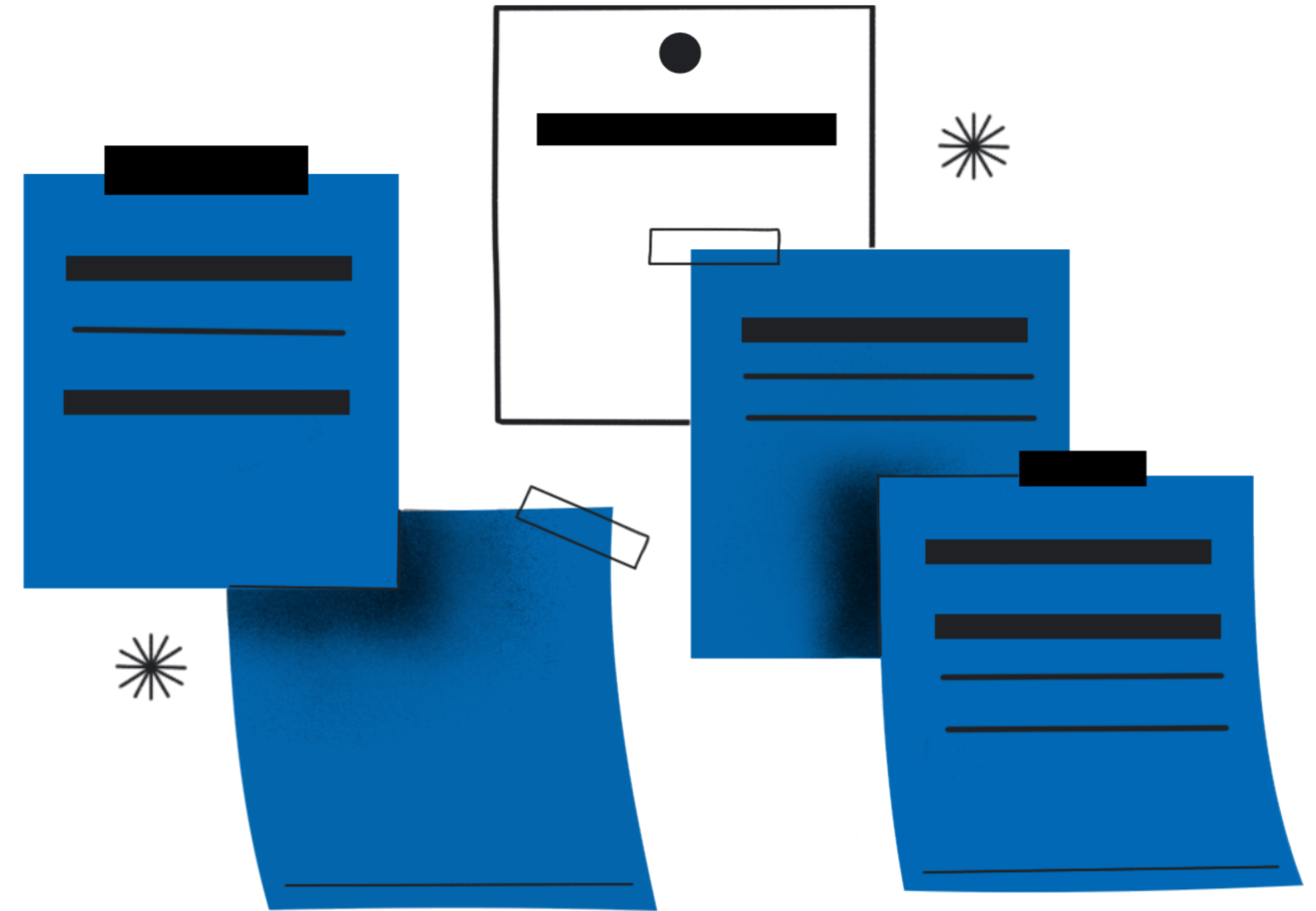
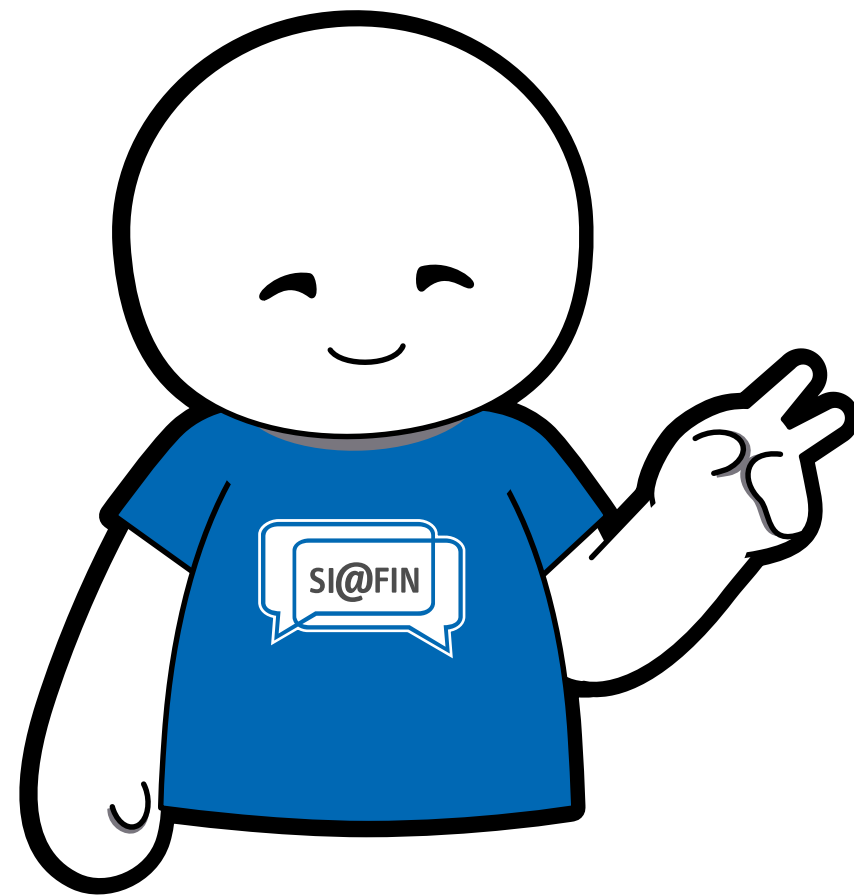
Who are we?

Mentors!

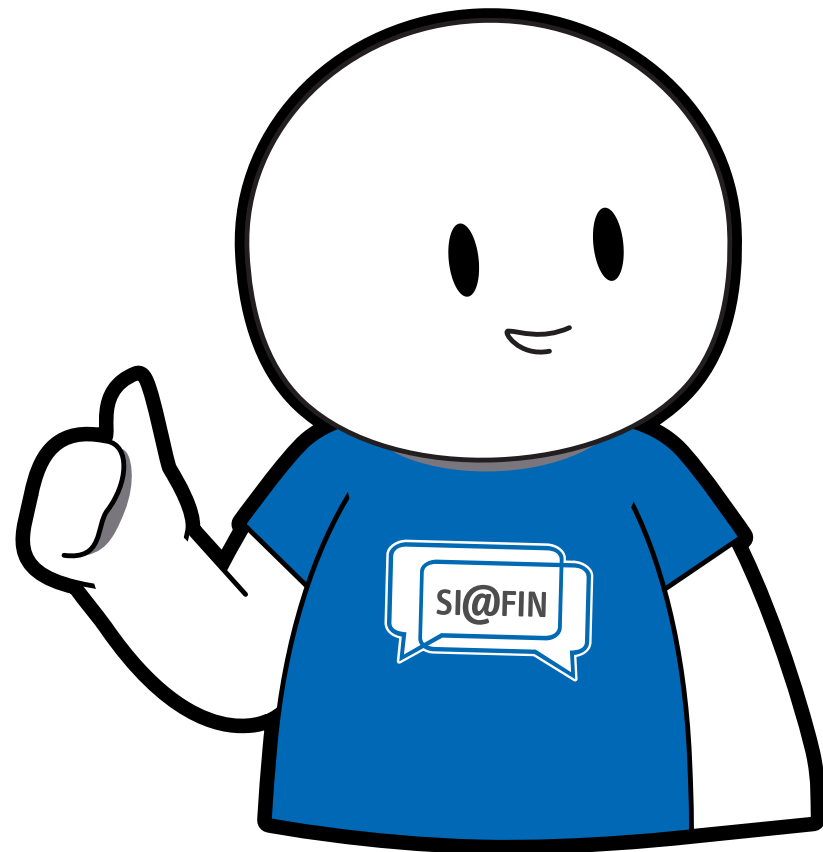
- The mentors are your first point of contact once your admissions are done
- We host such webinars, seminars and workshops for all students
- We help students with their academic journey
- Conduct social events
- More than other seniors prioritise information from mentors since they are most updated
- Mentors will only assist you with the “how to do” things, we try our best to not say “what to do” since we keep our answers objective enabling you to make your own decisions

Agenda

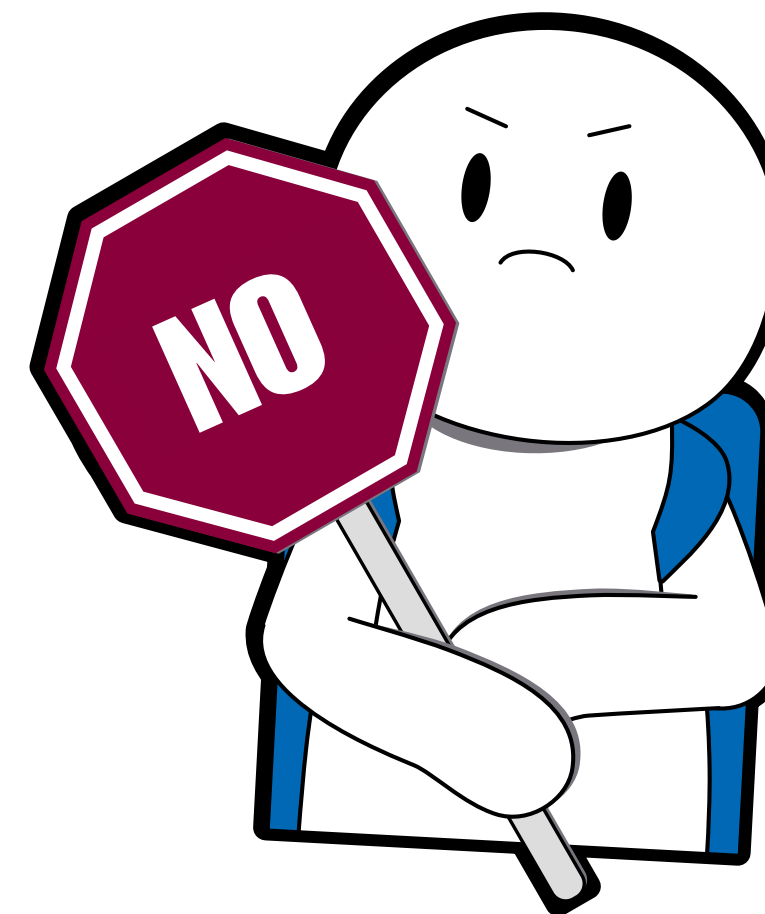
- Scope of the webinar.
- Introduction to the Study System.
- Introduction to DKE
- Introduction to DE
- LSF



Scope of the Webinar



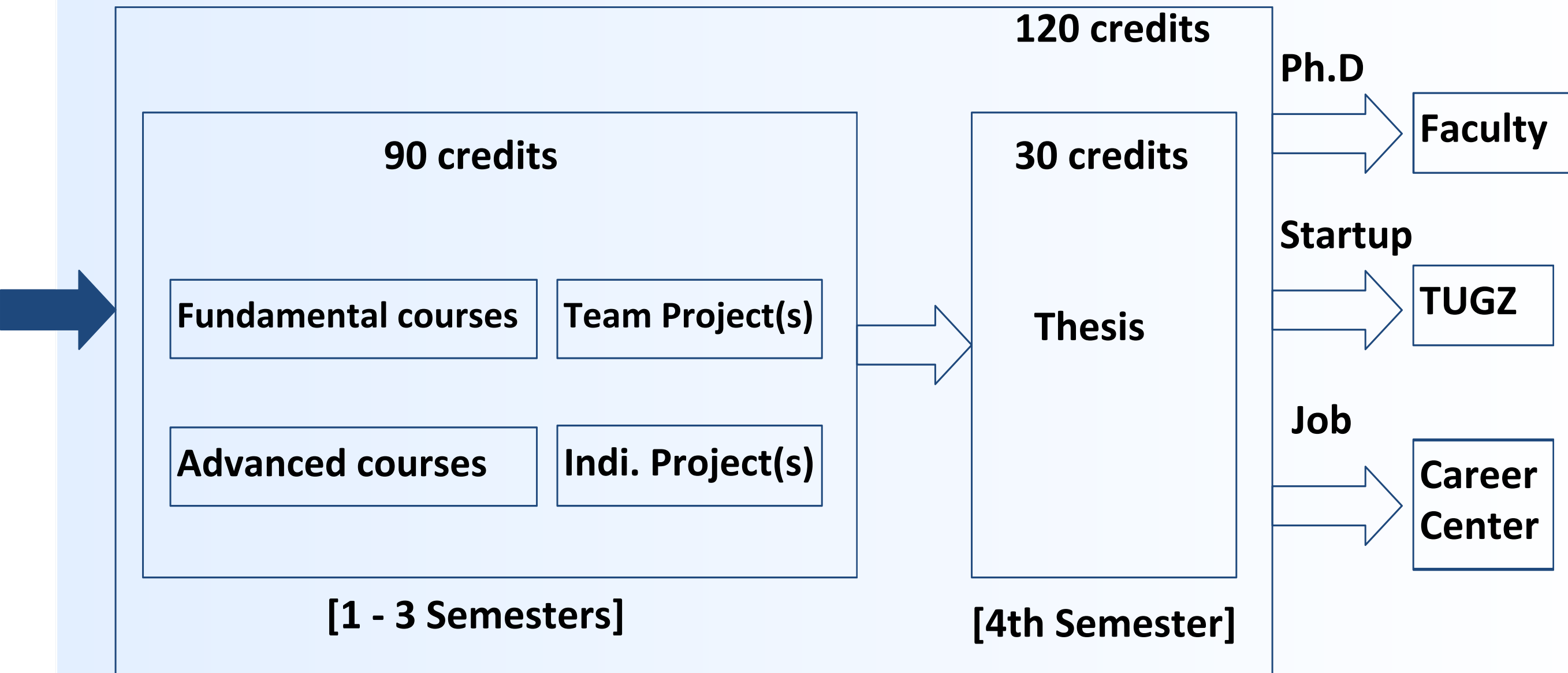
- Introduction to study system (DKE,DE)
- Choosing your courses
- LSF



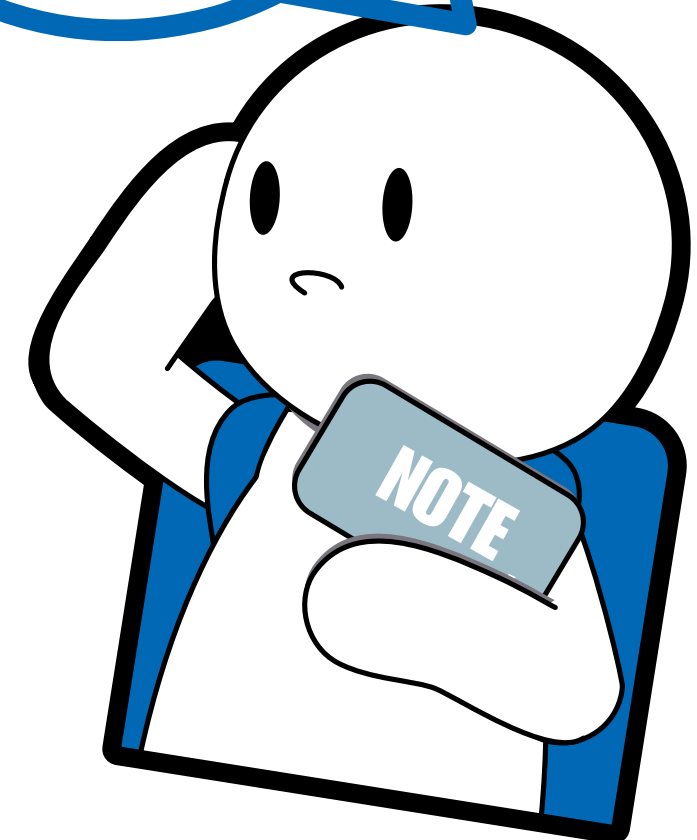
- Visa
- Enrollment
- Accommodation
- Student Jobs

Introduction to the Study System

Area of Interest

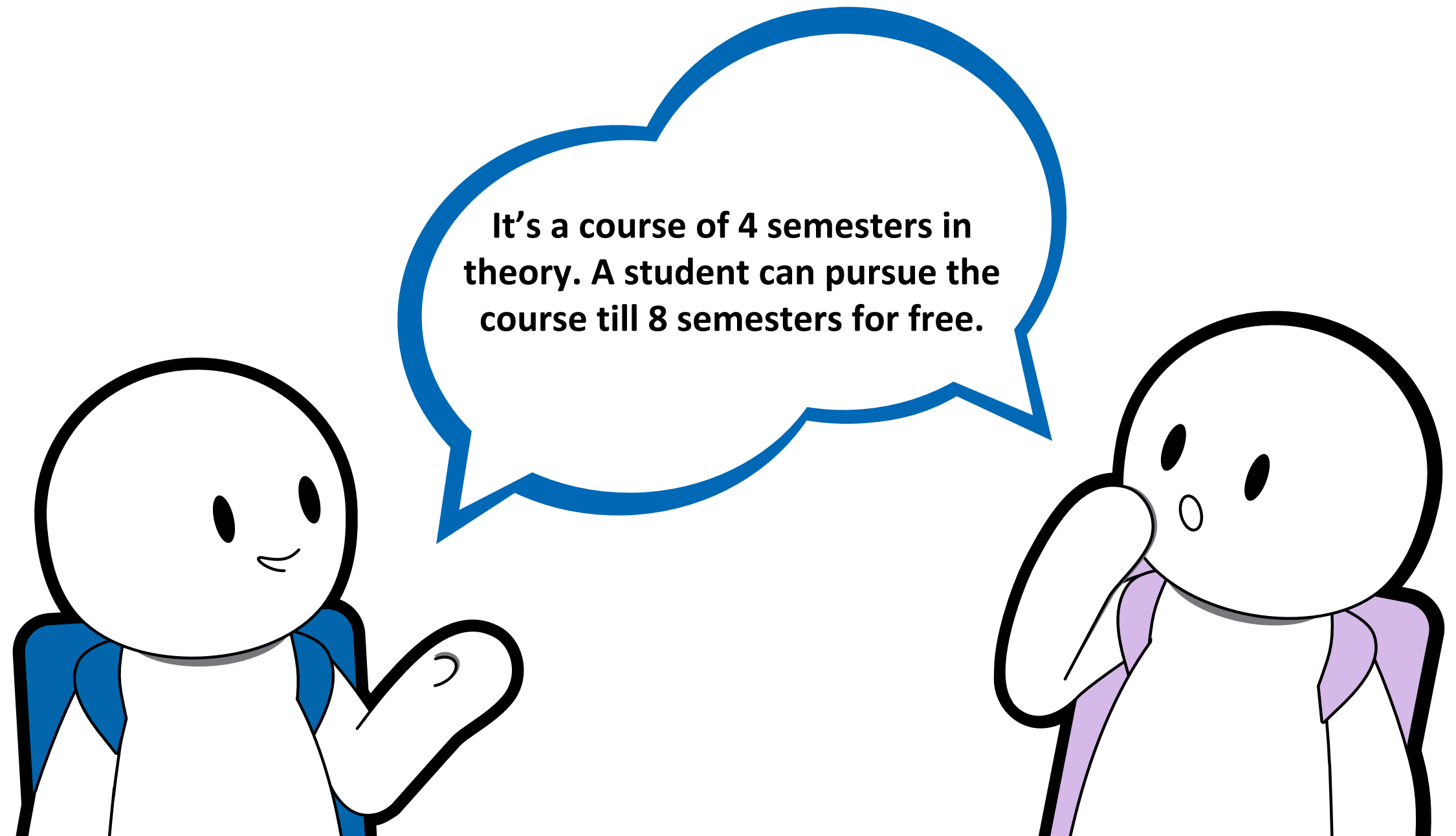


What if a student does not have an area of interest?

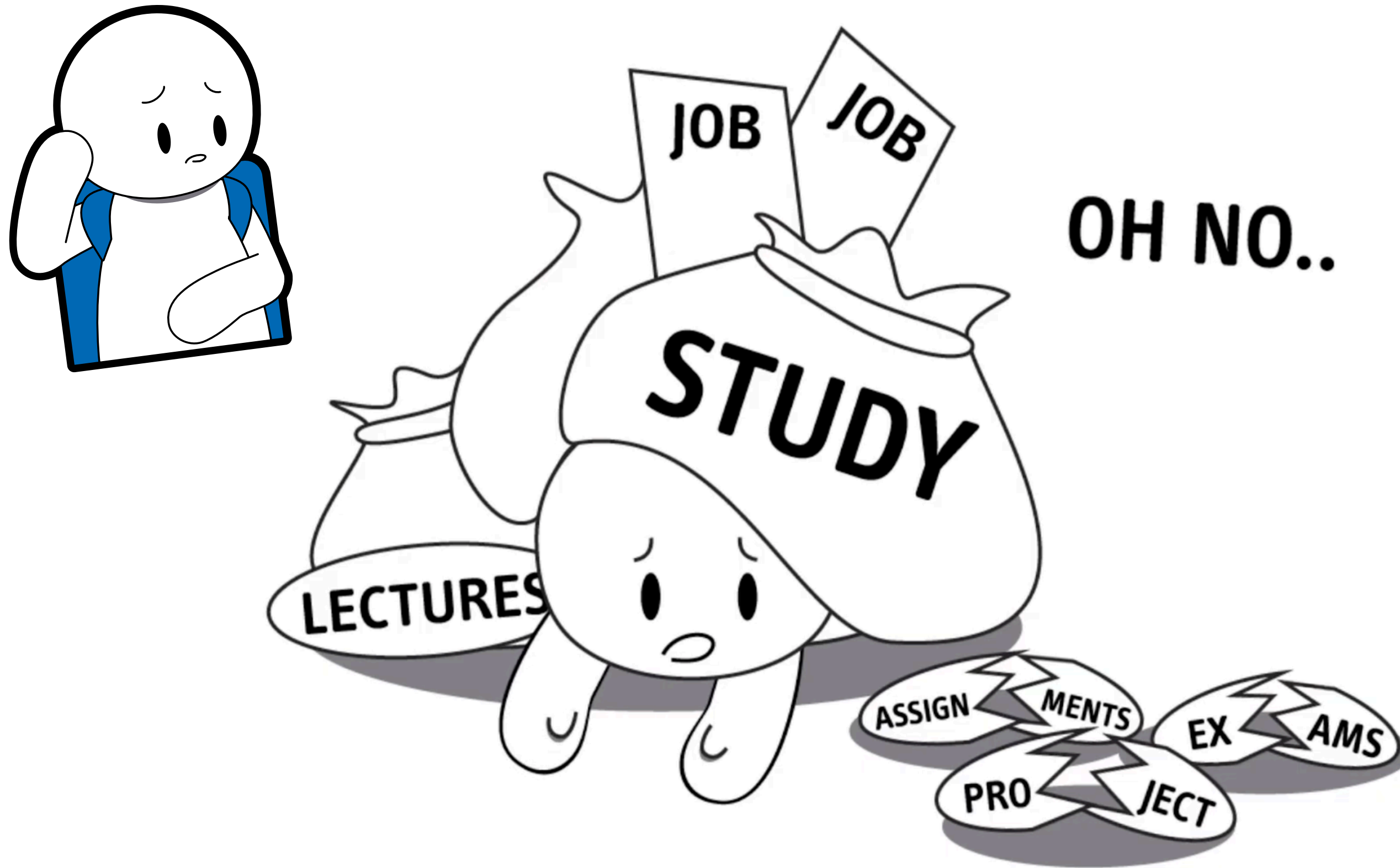


Introduction to the Study System

- Information about courses: Module Handbook, SI@FIN videos, Course websites.
- **At least 84 credits** are required to register for a thesis. A student can do additional courses and projects.
- As per study regulations, a student should do a minimum of 16 credits in first 2 semesters.



Balancing Your Academic Life



Academic Integration to FIN

Credits

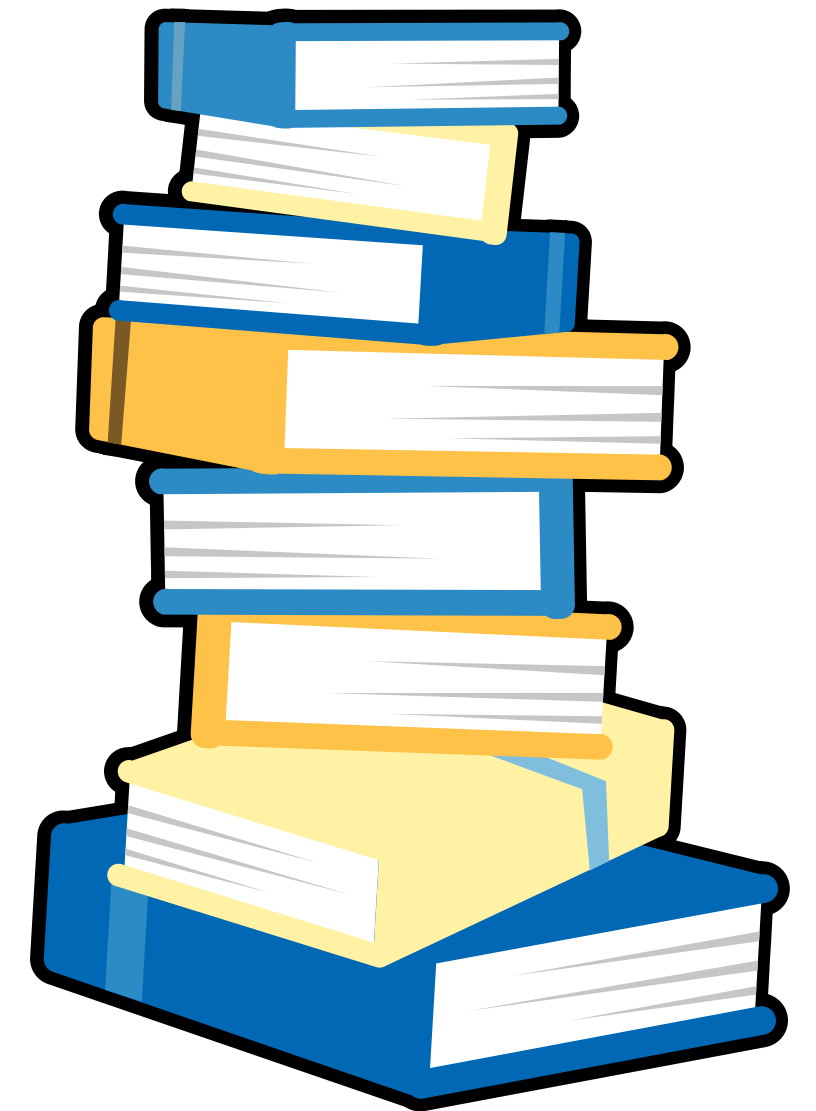
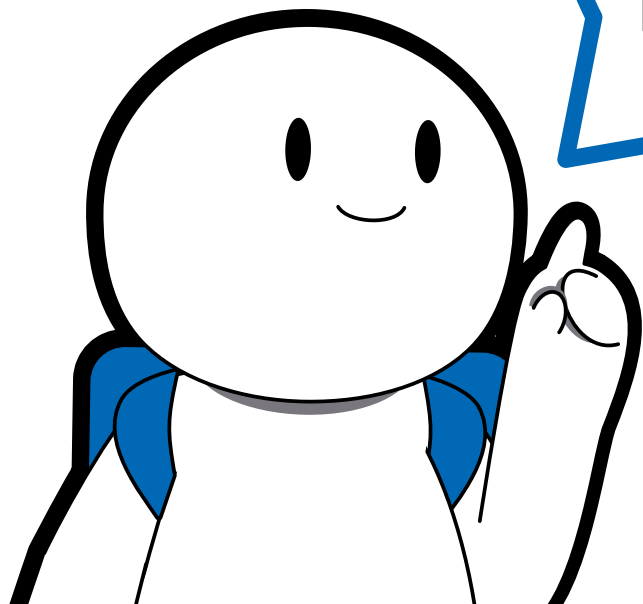
1 credit = 30 hours*

30 credits = 30 x 30 = 900 hours

@ 8 hours/day, 5 days/ week:

23 weeks = around 6 months.

***Assumption:
You have the
prerequisite
knowledge.**





Introduction to Data and Knowledge Engineering (DKE)

Thematic Areas

Thematic areas	Credits required
Fundamentals of Data Science	[12-18 ECTS]
Learning methods and models of Data Science	[18-36 ECTS]
Data Processing for Data Science	[18-30 ECTS]
Applied Data Science	[18-24 ECTS]
Master Thesis	[30 ECTS]

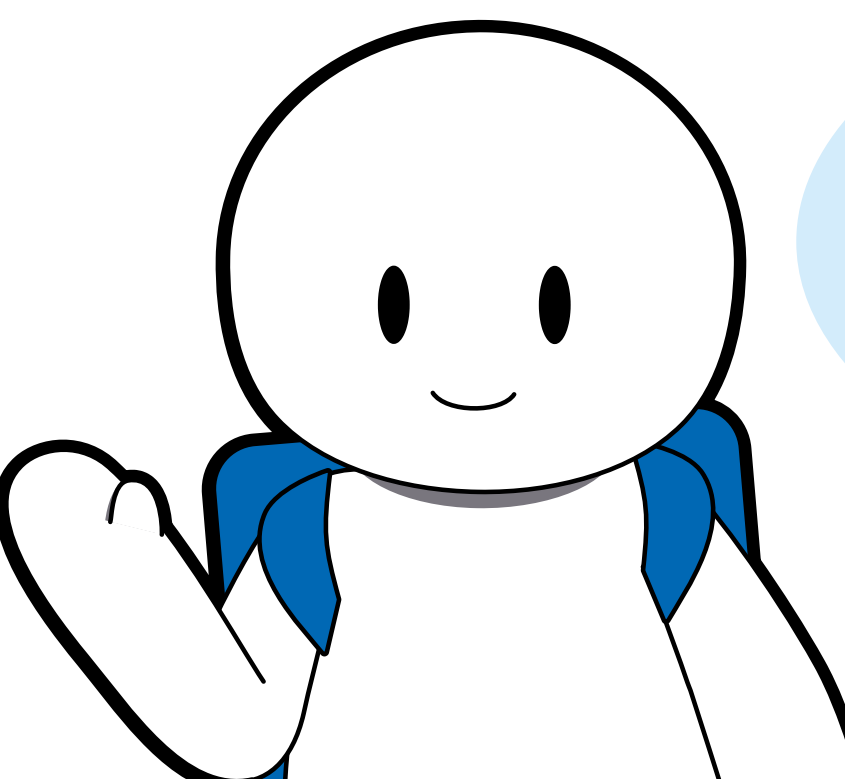


Important : For “Applied Data Science”, a team project (6 CP) is required.

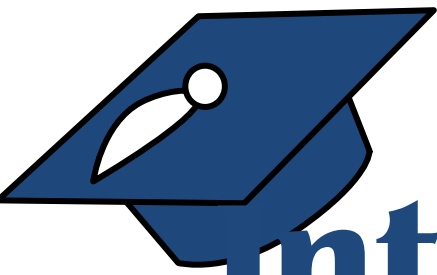
Study Schedule

Legend for study and examination schedule:
CP = Credit Points

No		1 st Semester (CP)	2 nd Semester (CP)	3 rd Semester (CP)	4 th Semester (CP)	Σ
1.	Fundamentals of Data Science (12-18 CP)	12				12
2.	Learning Methods & Models for Data Science (18-36 CP)	12	12	12		36
3.	Data Processing for Data Science (18-30 CP)	6	6	12		24
4.	Applied Data Science (18-24 CP)		12	6		18
6.	Master's Thesis (30 CP)				30	30
	Σ CP	30	30	30	30	120

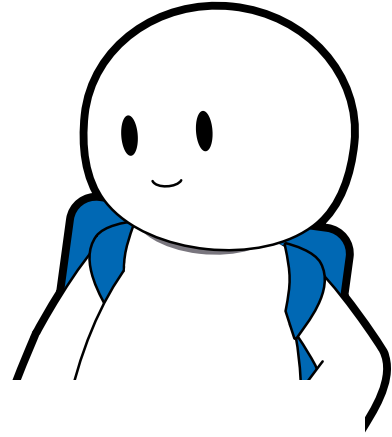


Note: This study and examination schedule is a recommendation, which considers these general requirements. Students may deviate from this recommendation by selecting modules from areas in different order or in different intensity. Refer: Study and Exam Regulations.



Introduction to Digital Engineering (DE)

Study Schedule



Legend for standard study plan: CP = Credit Points

No	Topics	1 st Sem. (CP)	2nd Sem. (CP)	3rd Sem.(CP)	4th Sem. (CP)	Σ
1	Fundamentals of Computer Science	15 or 5				
2	Fundamentals of Engineering	15 or 5				
3	Human Factors	5				
4	Methods of Digital Engineering		10			
5	Methods of Computer Science		10			
6	Interdisciplinary Team Project		6			
7	Technical Specialization			15 or 21		
8	Digital Engineering Project			12 or 6		
9	Master's Thesis				30	
	Free Choice	12				
	Σ CP	30	30	30	30	120

Study Schedule

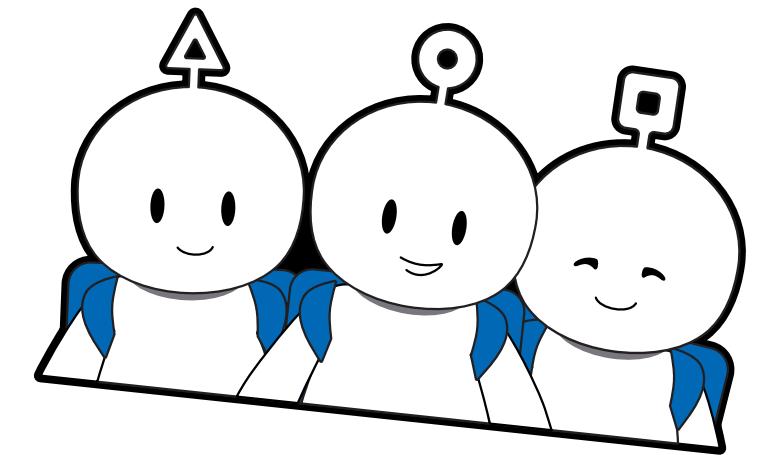
- In the subject area “**Fundamentals of Computer Science**” a selection of modules with at least 15 CP (if no bachelor's degree in computer science exists) or at least 5 CP (if a bachelor's degree in computer science exists) must be taken.
- If the previous Bachelor Degree is not from Computer Science, students **must take the modules “Introduction to Computer Science for Engineers” and “Introduction to Software Engineering for Engineers”** in this subject area.

Note : The students may deviate from this recommendation by taking modules in a different order and different semesters as well.



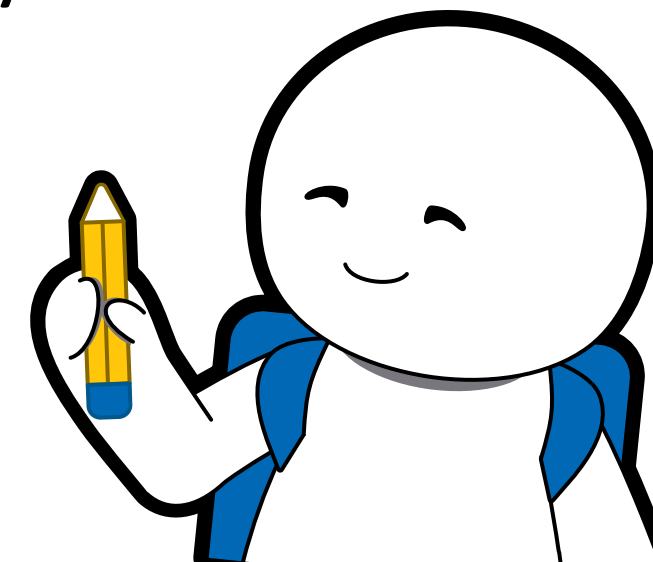
Study Schedule

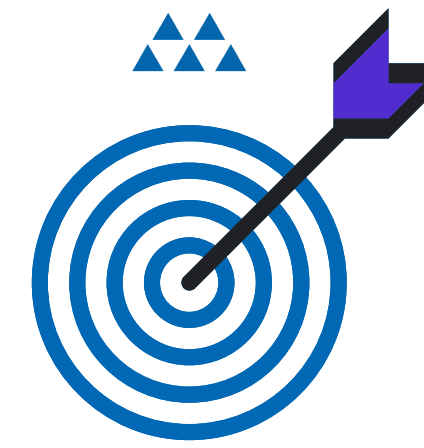
- For DE Projects (6 and 8)
 - The Project must have minimum 2 people to be considered as a team, not more than 6 people
- For Digital Engineering Project (8)
 - It can be an intersection of hardware and software
 - Two 6 CP projects or one 12 CP project



12-18 CP of projects must be completed, including a minimum of 6 CP in a Digital Engineering project, and a maximum of 6 CP in an interdisciplinary team project. Digital Engineering projects are offered as 12 CP and as 6 CP projects. If only 12 CP are taken as projects, another 6 CP are to be taken in the area of specialization.

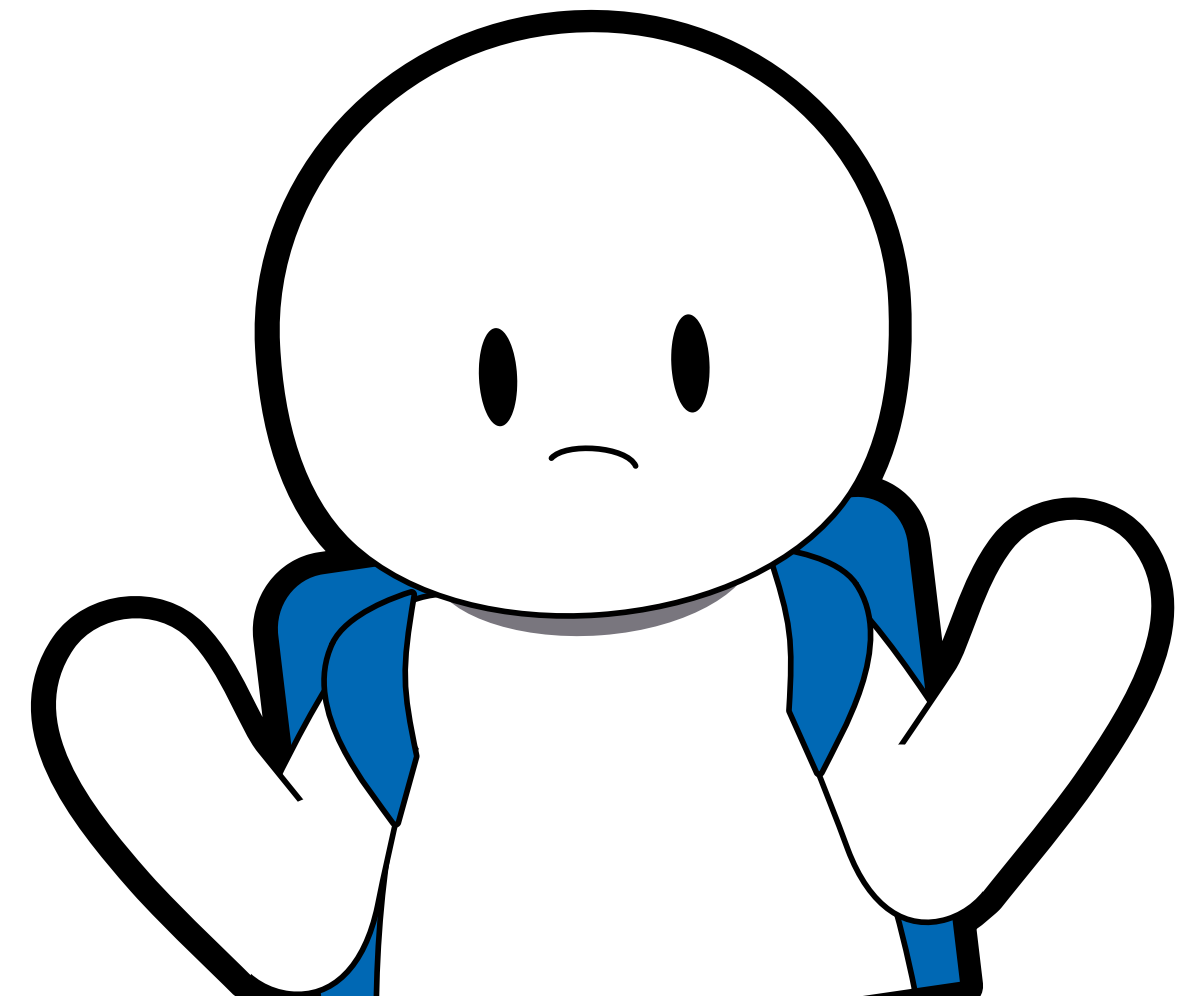
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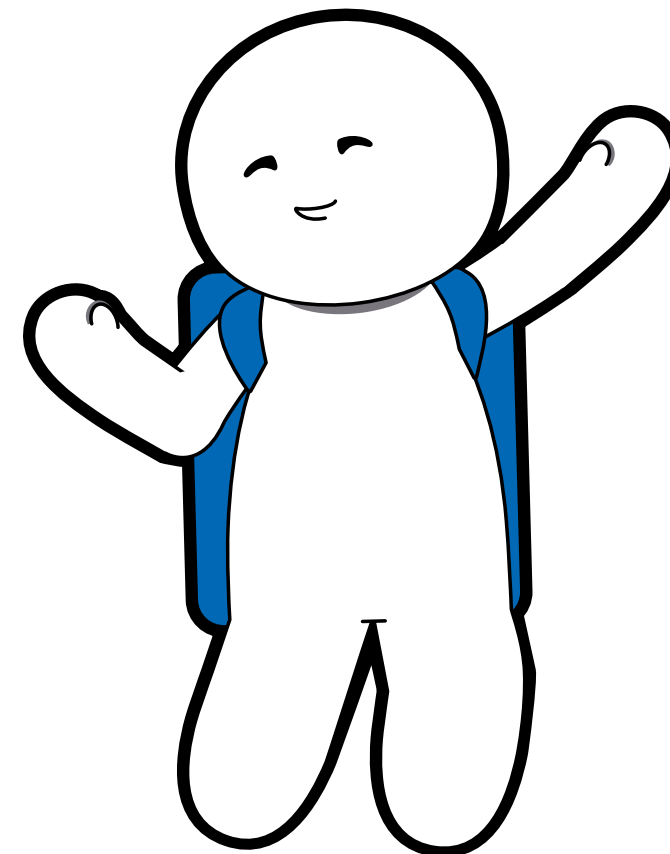
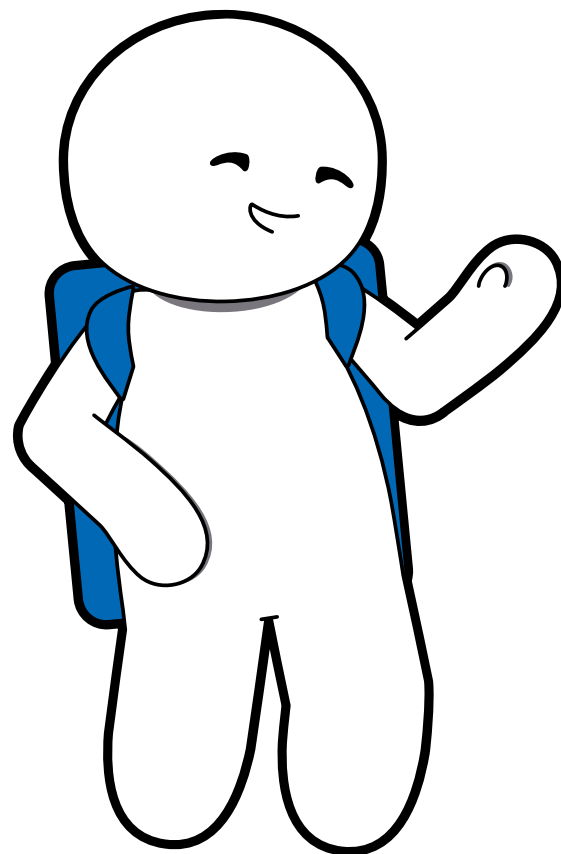


How to choose modules?

- A module can be offered as:
 - a lecture(“**Vorlesung**”) with exercises(“**Übung**”)
 - a seminar
 - a scientific team project (minimum 2 people to considered as a team)
 - an individual project
- Different modules are offered in winter and summer semester.
- [Link to Module Catalog: Modulkatalog](#)
- LSF to check what is offered in that term.



- Student portal - course registration, exam registration, etc
- Detailed information here: LSF Tutorial Videos
- **IKUS(INTERCULTURAL STUDENTS)** welcome week program, including LSF workshop: International Welcome Week Summer Semester 2025 PDF.



Resource(s)



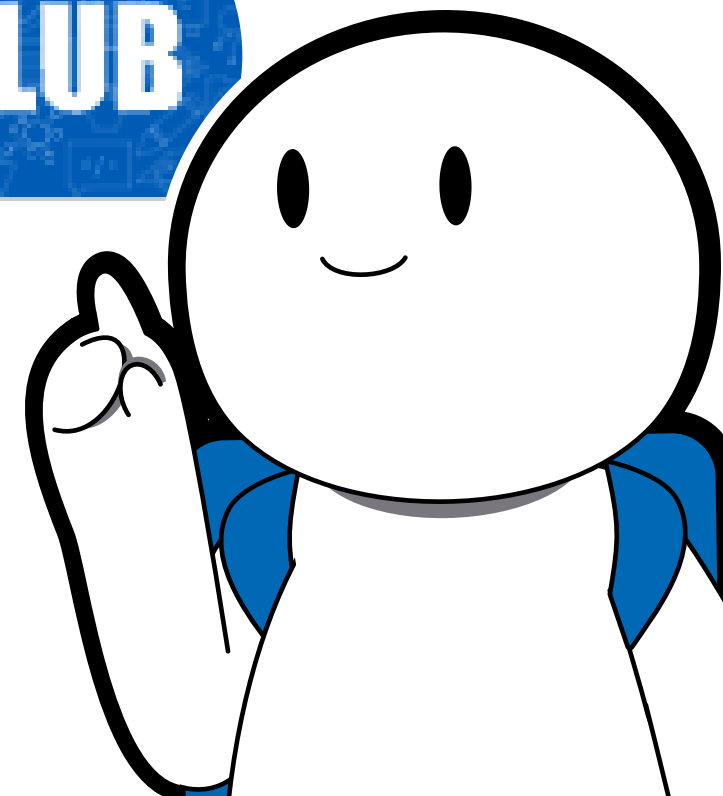
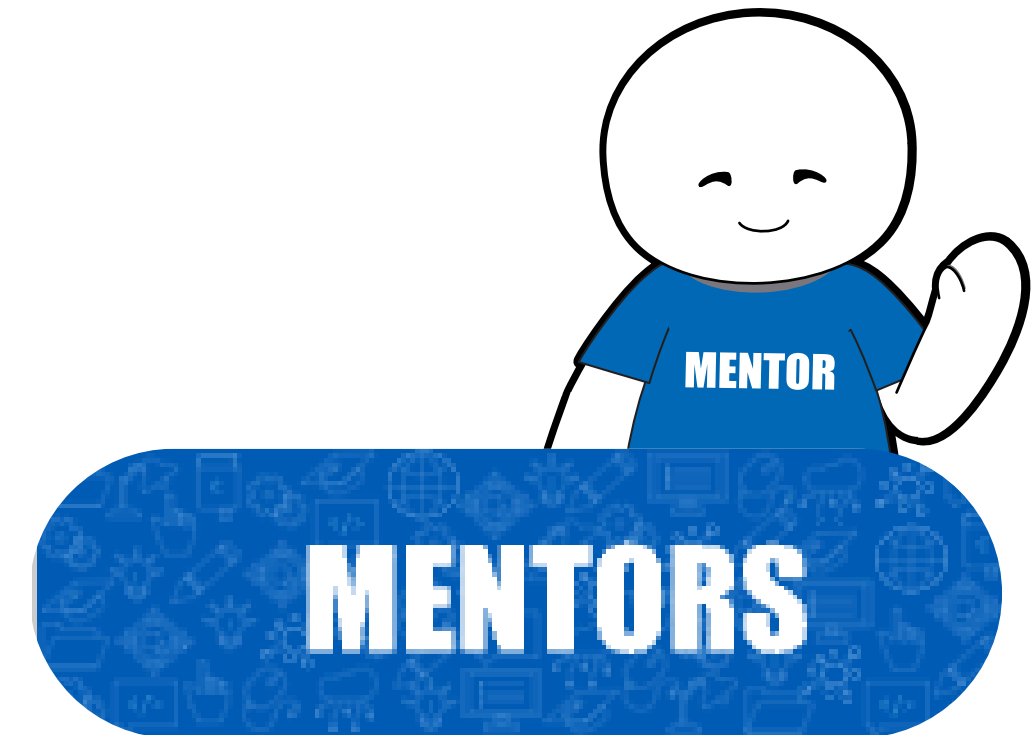
[SI@FIN Facebook page](#)

[SI@FIN Instagram page](#)



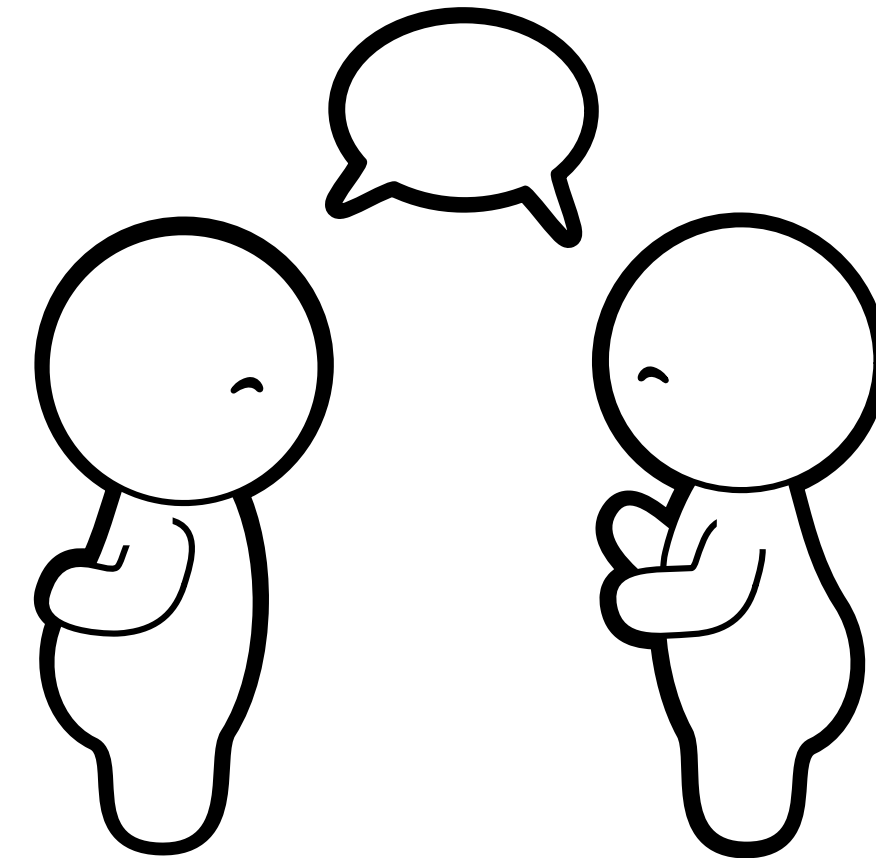
[DE Facebook Group](#)

[DKE Facebook Group](#)

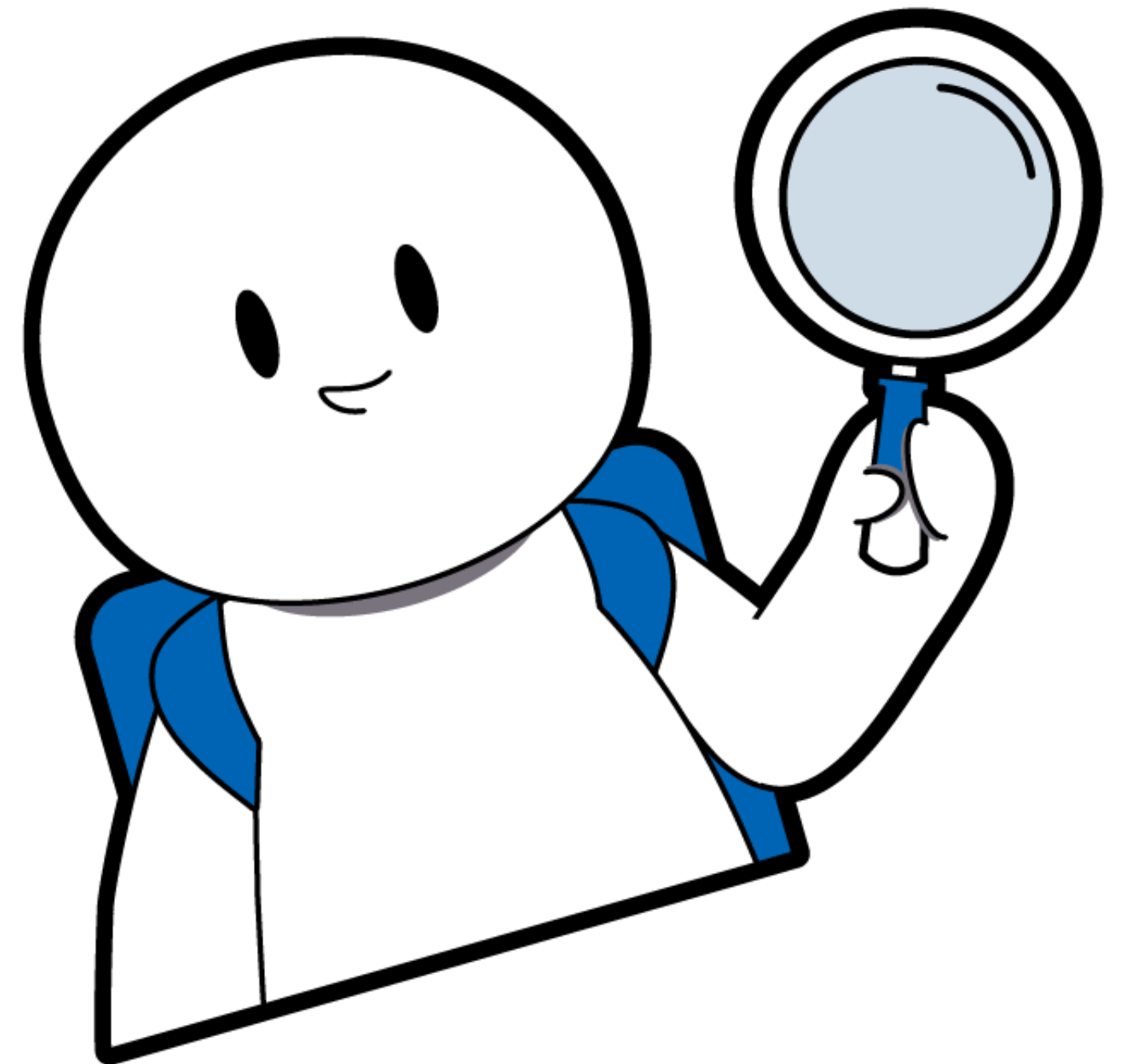


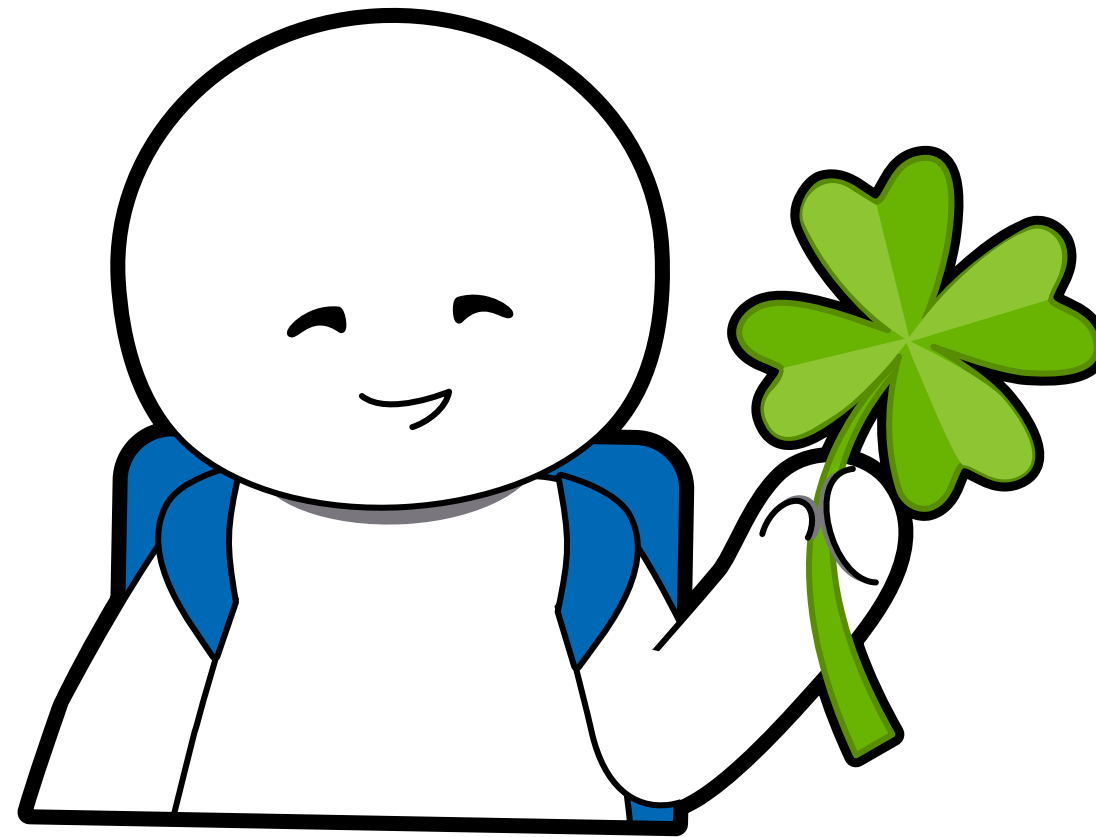
Some important links

- Course Related:
 - Study and examination regulations
 - Module list
 - Module catalogue: Access Here.
- Miscellaneous:
 - Academic club: Details Here.
 - Sports offerings at OVGU: <https://www.spoz.ovgu.de/>
 - Get to know Internationals: <https://www.ikus.ovgu.de/>
 - Language offerings at OVGU: <https://www.sprz.ovgu.de/>



Questions?





All The Best!