



Welcome to the Department of Computer Science

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Departmental Exchange Coordinators

17 February 2025

Today's program

- Short introduction to the Department of Computer Science (D-INFK)
- Information about study plan, research projects, examinations, transcript of records, etc.
- Questions
- Campus tour by computer science students, approx. 13:15–14:00

Today's presentation slides will be published online

<https://inf.ethz.ch/studies/presentation-collection.html>



Department of Computer Science

[News and Events](#) [Department](#) [People](#) [Research](#) [Studies](#) [Doctorate](#) [Continuing Education](#)

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Presentation Collection

Welcome day for first-semester students

[Presentation BSc September 2024 \(German\) \(PDF, 3.9 MB\) ↓](#)

First-year examinations

[Basisprüfung nicht bestanden/nicht abgelegt. Wie weiter? Februar 2024 \(PDF, 1.7 MB\) ↓](#)

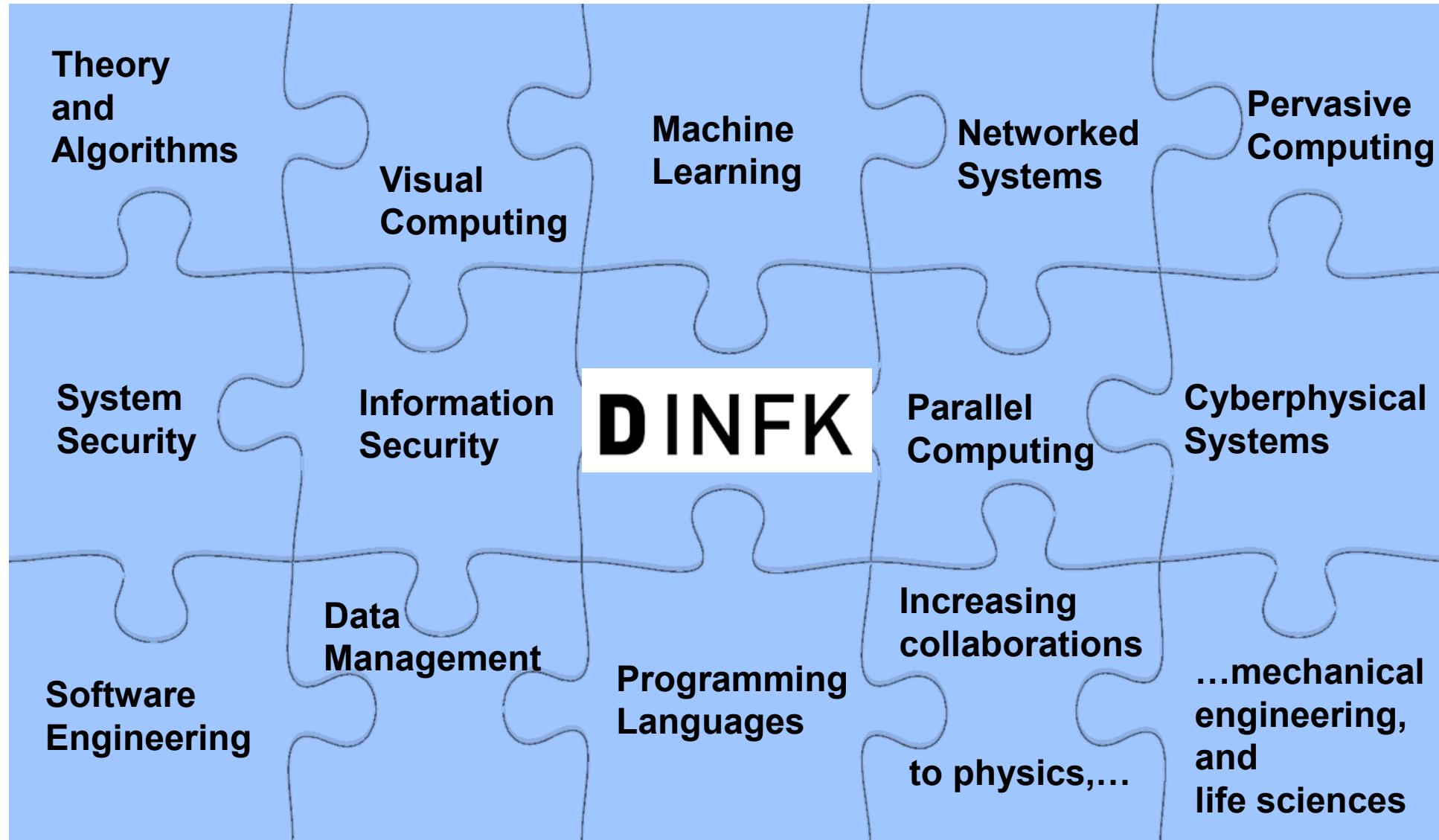
[Basisprüfung nicht bestanden/nicht abgelegt. Wie weiter? September 2024 \(PDF, 6.2 MB\)](#)

[↓](#)

The CS (D-INFK) Faculty



Broad Topics in Research and Education



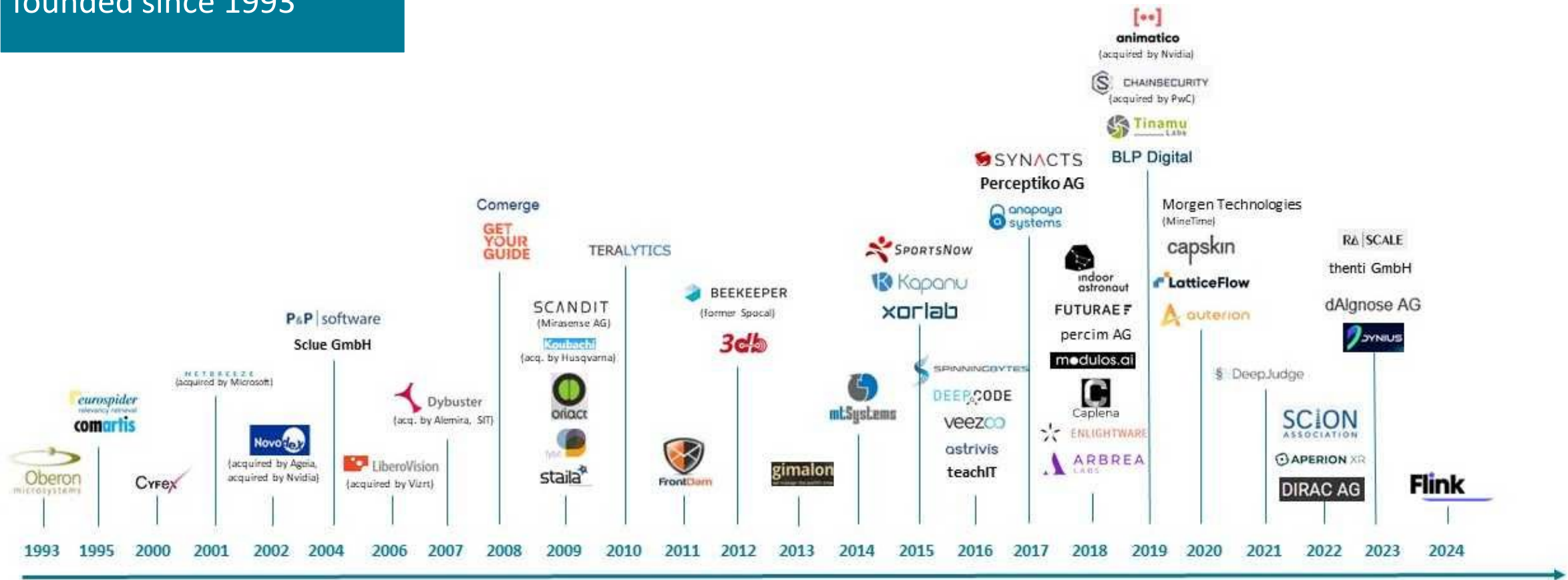
Worldwide Top-Ranked CS Department



Rank 2025	Institution	Country
1	University of Oxford	United Kingdom
2	University of Cambridge	United Kingdom
3	Massachusetts Institute of Technology	United States
4	ETH Zurich	Switzerland
5	Stanford University	United States

Start Your Own Company

58 D-INFK Spin-offs
founded since 1993



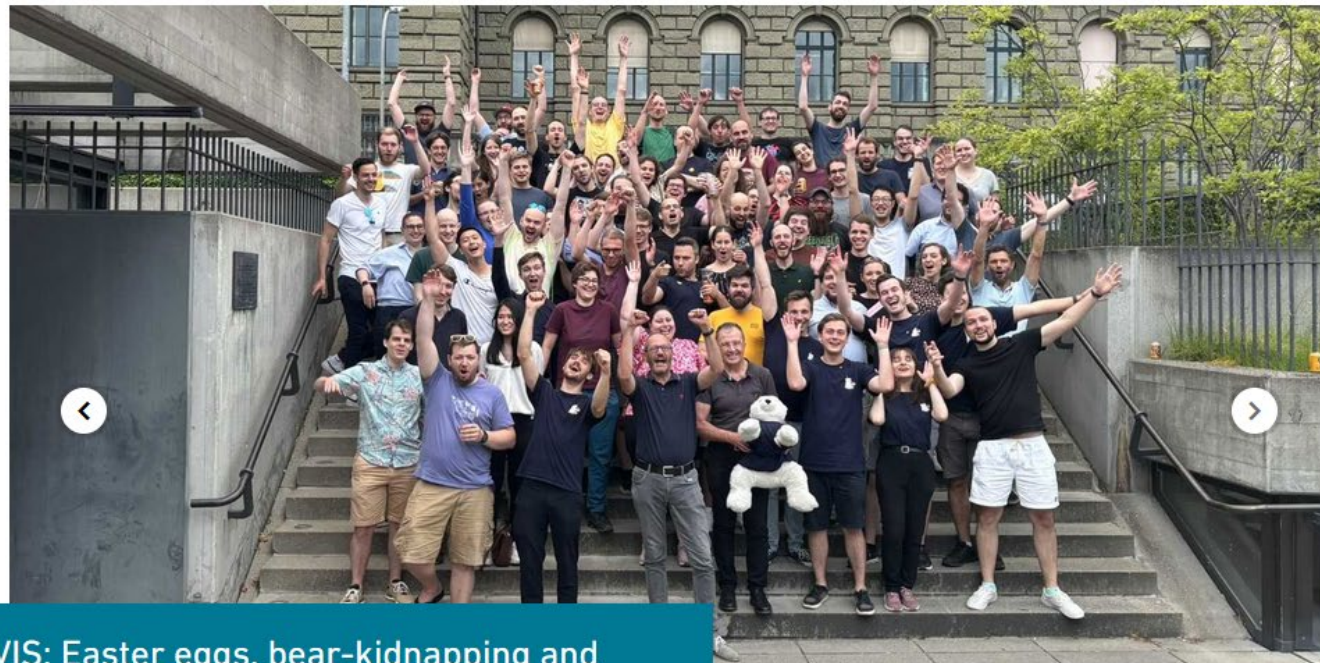
Have a look at the D-INFK website

<https://inf.ethz.ch/>

ETH zürich

Department of Computer Science

News and Events Department People Research Studies Doctorate Continuing Education



40 years of VIS: Easter eggs, bear-kidnapping and retro BBQ

The board of the Computer Science Students' Association (VIS) reflects on an anniversary year full of memorable events.



ETH zürich

Department of Computer Science

17.02.2025

8

Today's program

- Short introduction to the Department of Computer Science (D-INFK)
- **Information about study plan, research projects, examinations, transcript of records, etc.**
- Questions
- Campus tour by computer science students, approx. 13:15–14:00

Course registration & update of study plan

Deadline for course registration in **myStudies**:

end of 2nd week of the semester → **Sunday, 2 March 2025**

In case of changes to your original course selection:

Please also adapt your study plan in **Mobility-Online** by the same date.

Study plan guidelines – overview

[Study plan guidelines of the Student Exchange Office](#)

Choose courses which add up to **at least 20 ECTS credits** per semester (excl. language courses).
Recommended: 20–26 ECTS credits

Rules at D-INFK:

- Credits from no other department may exceed **credits from D-INFK** (first three digits of the course numbers → D-INFK course numbers: 252-, 261-, & 263-xxxx-xxx)
- **At least 10 ECTS credits** per semester in our BSc & MSc programs («offered in»)
- **At least 14 ECTS credits** per semester in our BSc & MSc programs or related study programs, e.g. mathematics, physics, electrical engineering («offered in»)
- **The rest** may be earned with (almost) any course at ETH.

Make sure you meet your **home institution's** requirements as well!

Information about courses and in which programs they are offered

<http://www.vvz.ethz.ch/>

252-0216-00L Rigorous Software Engineering

Semester	Spring Semester 2025
Lecturers	M. Vechev , M. Schwerhoff
Periodicity	yearly recurring course
Language of instruction	English



- Courses
- Catalogue data
- Performance assessment
- Learning materials
- Groups
- Restrictions
- Offered in**
- ▶ Overview

Programme	Section	Type	
Computer Science Bachelor	Major: Systems and Software Engineering	0	i

CS BSc → counts towards min. 10 credits

Study plan guidelines – details

At least 10 ECTS credits (1/2 of 20) in our BSc & MSc programs

Courses offered in:

- BSc Computer Science
- MSc Computer Science
- MSc Data Science
- MSc Cyber Security

Place restrictions:

- maximally one D-INFK seminar per semester
- no Interfocus Courses (MSc)
- In case primary target groups are listed: Look for «Computer Science (Mobility)»

Credits do not count for this category:

- BSc CS, Minor Courses
 - MSc Data Science, Interdisciplinary Electives
 - CS general courses for non-computer scientists
- } Related study programs

Study plan guidelines – details

At least 14 ECTS credits (2/3 of 20) in our and related study programs

Related study programs (offered in):

- BSc & MSc Electrical Engineering
- BSc & MSc Mathematics
- BSc & MSc Physics
- BSc & MSc Computational Science and Engineering
- BSc CS, Minor Courses
- MSc Data Science, Interdisciplinary Electives
- CS general courses for non-computer scientists

2/3 rule: At least 14 ECTS (2/3 of the required minimum number of 20 ECTS) must be taken in **our BSc and MSc programs, or related fields**. Language courses, Science in Perspective, the ETH Week, and courses at UZH do not count towards the 14 ECTS.

Once the 2/3 rule is met, you can fill up your study plan with any other course, as long as credits from no other department exceed credits from D-INFK.

Example from the ETH course catalog

151-0854-00L Autonomous Mobile Robots

Semester	Spring Semester 2025
Lecturers	R. Siegwart , H. Oleynikova, L. Ott
Periodicity	yearly recurring course
Language of instruction	English

Courses	Catalogue data	Performance assessment	Learning materials	Groups	Restrictions	Offered in	▶ Overview
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Programme	Section	Type
Electrical Engineering and Information Technology Master	Specialization Courses	W i
Electrical Engineering and Information Technology Master	Recommended Subjects	W i
Computer Science Bachelor	Minor Courses	W i
Mechanical Engineering Bachelor	Robotics, Systems and Control	W i
Mechanical Engineering Master	Core Courses	W i
Computational Science and Engineering Bachelor	Robotics	W i
Computational Science and Engineering Master	Robotics	W i
Robotics, Systems and Control Master	Core Courses	W i
Space Systems Master	Deep Track Robotics	W+ i

Study plan guidelines – details

Rest: You can fill up your study plan with (almost) any course at ETH

- Further courses in **our BSc & MSc programs and related study programs**
- Courses from **other departments** at ETH, also Science in Perspective (D-GESS)
 - check for potential attendance restrictions in the course catalog
- ETH Week (September)
- **Language courses** at the [Language Center of UZH and ETH Zurich](#)
- Individual courses at the **University of Zurich (UZH)**
 - apply online at UZH under [studying at more than one university](#)

Study plan guidelines – further details

- **BSc & MSc:** Choose the adequate level according to your knowledge
→ look for prerequisites in the course catalog
- **20–26 ECTS credits per semester** are ideal.
- Language courses do not count towards the minimum of 20 ECTS.
- **A maximum of 30 ECTS credits** per semester is the very recommended limit.

Language courses – registration

Please **register** the language course

- online with the [Language Center of UZH and ETH Zurich](#)
- in your study plan in Mobility-Online
(but not in myStudies)



Courses of UZH and the Language Center do not appear in myStudies, but they will be listed on your **transcript of records**.

The Language Center will issue a **certificate**.

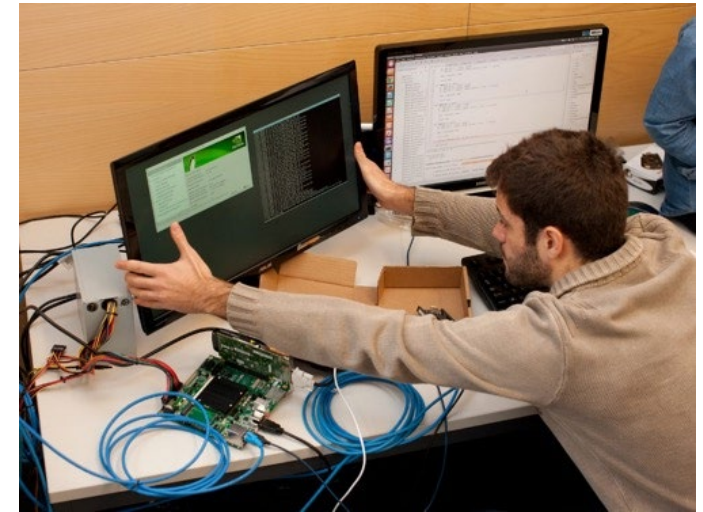
Research projects – options

▶ ▶ Research Project The courses below are only available for exchange students.					
Number	Title	Type	ECTS	Hours	Lecturers
900-0005-00L	5 Credit Project ONLY for mobility students. Any other students (e.g.BSc, MSc, doctoral students) CANNOT enrol for this course unit.	W	5 credits	11A	Lecturers
900-0010-00L	10 Credit Project ONLY for mobility students. Any other students (e.g.BSc, MSc, doctoral students) CANNOT enrol for this course unit.	W	10 credits	21A	Lecturers
900-0015-00L	15 Credit Project ONLY for mobility students. Any other students (e.g.BSc, MSc, doctoral students) CANNOT enrol for this course unit.	W	15 credits	32A	Lecturers
900-0020-00L	20 Credit Project ONLY for mobility students. Any other students (e.g.BSc, MSc, doctoral students) CANNOT enrol for this course unit.	W	20 credits	43A	Lecturers
900-0025-00L	25 Credit Project ONLY for mobility students. Any other students (e.g.BSc, MSc, doctoral students) CANNOT enrol for this course unit.	W	25 credits	54A	Lecturers
900-0030-00L	30 Credit Project ONLY for mobility students. Any other students (e.g.BSc, MSc, doctoral students) CANNOT enrol for this course unit.	W	30 credits	64A	Lecturers
900-0060-00L	60 Credit Project ONLY for mobility students. Any other students (e.g.BSc, MSc, doctoral students) CANNOT enrol for this course unit.	W	60 credits	129A	Lecturers

Research projects – ECTS credits and combinations of projects

Number of ECTS according to **duration of project**

- 5 Credit Project → 1 month (full time)
- 30 Credit Project → 6 month (full time)



Projects can be done on a **part-time basis**. → Discuss the duration with your supervisor.

You may **combine research projects**, e.g. register for a 10 Credit Project and a 5 Credit Project.

It is not possible to register for the same research project twice, e.g. 2 x 5 Credit Project.

Research projects – how does it work?

1. Have a look at the **websites** of professors or groups, e.g. [here](#).
Choose a suitable topic and **apply** as instructed there. Official supervisor is a professor at ETH.
For the study plan rules, the credits count according to the professor's department affiliation.
2. Found a project and a supervisor?
→ **Register** the project in myStudies and enter the project details in Mobility-Online.
3. Start the project work and prepare a **task description** (approx. one page)
→ send it as PDF to mobility@inf.ethz.ch for upload
4. Submit a written **project report** in the end by email to your supervisor(s) and mobility@inf.ethz.ch

Performance assessment and examination types

- **End-of-semester examinations**
calendar weeks 21–24 (May, June)
→ separate registration needed (myStudies)
- **Session examinations**
calendar weeks 32–35 (August)
→ separate registration needed (myStudies)
- **Semester performance** (e.g. presentation in a seminar)
→ no separate registration



<https://ethz.ch/students/en/studies/performance-assessments.html>

How to find out about performance assessment?

252-0216-00L Rigorous Software Engineering

Semester	Spring Semester 2025
Lecturers	M. Vechev , M. Schwerhoff
Periodicity	yearly recurring course
Language of instruction	English



Courses	Catalogue data	Performance assessment	Learning materials	Groups	Restrictions	Offered in	▶ Overview
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Performance assessment information (valid until the course unit is held again)

▶ Performance assessment as a semester course

ECTS credits	8 credits
Examiners	M. Vechev , M. Schwerhoff
Type	session examination
Language of examination	English
Repetition	The performance assessment is only offered in the session after the course unit. Repetition only possible after re-enrolling.
Mode of examination	written 120 minutes
Additional information on mode of examination	The grade will be determined by: - a mandatory project, 20% - a final exam, 80% Students who are repeating the course are required to repeat the project work.
Written aids	None.

This information can be updated until the beginning of the semester; information on the examination timetable is binding.

Examination registration

- Register in myStudies in the 3rd and 4th semester week
→ by **Sunday, 16 March 2025**
- Courses will only be accredited and listed positively on your transcript on condition that the corresponding performance assessment has been successfully completed.
→ **no entry for attendance only** (if a course includes an exam, project, presentation...)
- You can **withdraw** your exam registration later on, but do not forget to do so [in time](#).
→ A no-show results in 0 credits and would appear on your transcript!

<https://ethz.ch/staffnet/en/news-and-events/academic-calendar/dates-deadlines.html>

Courses with semester performance:

Exaple for early deadline for deregistration

252-4225-00L Presenting Theoretical Computer Science

Semester	Spring Semester 2025
Lecturers	B. Gärtner , D. Komm , R. Kyng , J. Lengler , D. Steurer
Periodicity	yearly recurring course
Language of instruction	English
Comment	The deadline for deregistering expires at the end of the second week of the semester. Students who are still registered after that date, but do not attend the seminar, will officially fail the seminar.



Courses	Catalogue data	Performance assessment	Learning materials	Groups	Restrictions	Offered in	▶ Overview
Number	Title	Hours	Lecturers				
252-4225-00 S	Presenting Theoretical Computer Science	2 hrs	B. Gärtner , D. Komm , R. Kyng , J. Lengler , D. Steurer				

→ read the entire description carefully

Examinations webinar

You will receive an **email with a link to a webinar** from the ETH Student Exchange Office and Examinations Office where you get more information about

- registration / deregistration
- how to manage your exam schedule
- how to reschedule session exams
- how to organize distance examinations
- etc.

In the meantime: see the **video** on www.ethz.ch/how-to-eth

Grading system

- 6** excellent
- 5** good
- 4** pass
- 3** poor
- 2** extremely poor
- 1** not measurable

- **Pass:** grade ≥ 4
- **Fail:** grade < 4
- Resolution for individual grades: 0.25

Repetition of exams

Every examination or project can be repeated once, but usually only after re-enrolling.

Transcript of records

Please **request your transcript** once all expected grades are published in myStudies.

→ write an email to mobility@inf.ethz.ch and

→ indicate the exact email address(es) the transcript has to be sent to (e.g. yourself and your home institution)

The Study Administration D-INFK will then send the transcript in **PDF format** as soon as possible.

Confirmation of study period and Learning Agreement

The Student Exchange Office will issue your **Confirmation of study period**.

The study period at ETH Zurich includes exam preparation and exam periods.

Your study plan is not always visible in Mobility-Online, but it is emailed to you as part of the **Learning Agreement** once it has been confirmed.

The Student Exchange Office can grant access to the study plan again for late changes (exam withdrawals, additional project) upon request.

VIS membership

<https://vis.ethz.ch/en/>

CAB E 31

Mo–Fri, 12.15–13.00

vis at vis.ethz.ch

The screenshot shows the homepage of the VIS website. At the top, there is a navigation bar with links for HOME, ABOUT US, EVENTS, and EXAM COLLECTION, along with a hamburger menu icon. On the right side of the navigation bar, there are icons for LOGIN, a moon (dark mode), a language icon (Aa), and a search icon. The main content area features a large banner for 'SNOWDAYZ 2025' with a skier jumping over a mountain peak. The banner includes the dates '8-15.02.2025', the location 'MORGINS', and a price tag of '650.-'. The VIS logo and 'voeth' logo are visible at the bottom left of the banner. Below the banner, there are two circular callouts containing text about the organization.

HOME ABOUT US EVENTS EXAM COLLECTION

LOGIN

VIS

The official Association of Computer Science Students at the ETH Zurich (VIS) was founded in 1984 and is a student association of the Association of Students at the ETH (VSETH).

The VIS represents students in political issues concerning the university through a Teaching Committee (UK), a Department Conference (DK), a Members' Council (MR) and Semester Speaker for the first and second year.

SNOWDAYZ 2025
8-15.02.2025
MORGINS
650.-

vis voeth

Exam collection

<https://exams.vis.ethz.ch/>



ABOUT US ▾

EVENTS ▾

SERVICES ▾

Community Solutions

HOME

SCOREBOARD

MORE ▾

SEARCH

ACCOUNT

Community Solutions

Community Solutions is a platform for students that allows them to share answers of previous exams, comment on answers and upload summaries.

Please Sign in

Sign in with AAI

Alphabetical

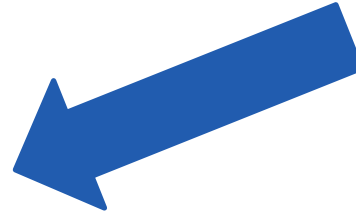
By Semester



Filter...

Last advice

Please read your **@student.ethz.ch** emails



respect the **deadlines** for (de)registration for your

- courses
- study plan
- examinations
- etc.

attend **events** and interact with peers



Questions?

Prof. Dr. Bernd Gärtner & Brigitte Marti
Departmental Exchange Coordinators D-INFK

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Mo–Thu



Today's program

- Short introduction to the Department of Computer Science (D-INFK)
- Information about study plan, research projects, examinations, transcript of records, etc.
- Questions
- **Campus tour by computer science students, from 13:15**

Enjoy your studies at ETH Zurich!