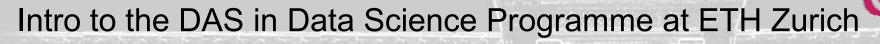


Department of Computer Science



DINFK

Today's Program



with

- Information about DAS Course Program, Study Plan, Capstone Project, Grading System
- Question and Answer Session



COME

Programme Heads of the DAS in Data Science Programme



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Course Programme and Study Plan DAS in Data Science

- DAS Courses are regular offers from ETH Master's programs and will be held throughout the regular semesters on the campus
- It consists of the
 - Foundation Course (choose 1)
 - Specialization Track (choose 1)
 - Capstone Project of your choice

→ add up to 35 to 45 ECTS (max.) over 2-4 semesters

Course Programme DAS in Data Science

The DAS in Data Science consists in total of 35 to 45 ECTS.

More precisely, one must take one foundations course from a set of three (6 to 8 ECTS), at least 12 ECTS coming from a specialization track, and a capstone project (8 ECTS). The remaining credits can be freely chosen from the catalogue of the programme.

Foundations courses (choose one) - must be taken in the first semester

Course #	Course	ECTS	Semester
252-0220-00	Introduction to Machine Learning	8	Spring
401-3632-00	Computational Statistics	8	Spring
227-0105-00	Introduction to Estimation and Machine Learning	6	Autumn

Specialization tracks (choose one track only)

Track: Hardware for ML			
227-0150-00	Systems-on-chip for Data Analytics and Machine Learning	6	Spring
227-0155-00	Machine Learning on Microcontrollers	6	Autumn/ Spring

Link to the <u>DAS in Data Science course list</u>

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Study Plan

Binding list of courses for the full DAS program (35 - 45 ECTS) (the course program is available here)

Foundation Course (6 - 8 ECTS)

Course #	Course	ECTS	Semester	Year
Wählen Sie ein Eleme	nt aus.			

Courses Specialization Track (at least 12 ECTS)

Course #	Course	ECTS	Semester	Year

The study plan **is binding**...- what does it

mean?

Capstone Project (8 ECTS)

Course #	Course	ECTS	Semester	Year
266-0100-00	Capstone Project	8		

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Capstone Project

- Minimal prerequisites for the Capstone Project (CP) registration are:
 - → completed Foundation Course
 - completed 12 credits in the Specialization Track
- Duration is at most 6 months
- Done under the supervision of the Swiss Data Science Center or of any <u>faculty of Data</u> <u>Science</u>
- All Information regarding CP to be found online <u>here</u>
- Information on available projects at the <u>Swiss Data Science Center</u> (SDSC) will be given towards the end of the semester (May)
- further information and invitation to the event will follow during the semester

https://inf.ethz.ch/news-and-events/spotlights/2019/05/spotlight-sdsc.html





Credit System

- European Credit Transfer System (ECTS)
- 1 ECTS = approx. 30 hours of studying
- Course completed successfully → full amount of credits is awarded

DAS programme: approx. 1'050 hours = 35 CP



Grading System

- 6 Very good
- **5** Good
- 4 Sufficient
- 3 Insufficient
- 2 Poor
- 1 Very poor

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

Repetition of exams

Every examination or project can be repeated **once**.

Points of Contact

General Information about the DAS in Data Science → <u>https://inf.ethz.ch/continuing-education/das-datascience.html</u>

Queries related to **admission**, **invoices**, **enrolment**:

- → School for Continuing Education: info@sce.ethz.ch
- → Visit also the student portal: <u>https://ethz.ch/students/en/continuing-education.html</u>

Queries related to the **study program**, **study plan**, **administrative matters**:

→ <u>das-in-data-science@inf.ethz.ch</u>

Recommendations

Please read your @student.ethz.ch mail

Please respect the deadlines for (de)registrations for your

- \rightarrow courses
- \rightarrow examinations

All best wishes for your Studies at ETH

