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### **Plan Proposal**

The ASE profile teaches how to build modern software and data driven systems.

HCI adds to this by showing how to design technology that is user friendly and fits in real world environments.

All my courses are grouped around the idea to get the knowlage for building smart mashines or devices.

Focus in the semester SS25 is to work with high amount of data and descicion making & collaborate International.

My Master thesis will be disscused at the end of the semester, based on my output on my 3D Scanner Project.

This project has the deadline September 2025, because the publication of the paper is planned for next year. [conference](#)

In Advdised Studying I want to work on the project "I-Scan" and the paper for the conference.

Prof. Meixner has agreed to my [proposal](#). (5ects)

For some Bussiness perspective in my education, the course „[CEO Leadership Series](#)“ (4ects).

This course is primary interviews/questionround with CEO's. leaded by Prof. Dr. Chengguang Li. I hope to get some interesting insights.

## **Advanced Software Engineering and Data Science**

<b>Course Number</b>	<b>Course Name</b>	<b>Semester</b>	<b>ECTS</b>	<b>Examination Type</b>	<b>Lecturer</b>	<b>Profile</b>	<b>Still Open</b>
172371	Deep Learning	2	6	Practical Work	Dr. Nurdadini	ASE	X
172360	Advanced Software Architecture	2	3	Practical Work	Prof. Dr. Heil	ASE	
172369	Cloud Computing	2	3	Practical Work	Dr. Fankhauser	ASE	
262311	Intelligent Systems	1	3	Practical Work	Dr. Nurdadini	ASE	X

Course Number	Course Name	Semester	ECTS	Examination Type	Lecturer	Profile	Still Open
172352	Machine Learning Lab	2	3	Practical Work	Prof. Dr. Windberger	ASE	

## Human-Computer Interaction

Course Number	Course Name	Semester	ECTS	Examination Type	Lecturer	Profile	Still Open
262312	Realtime Systems	1	6	Practical Work	Dr. Doneit	HCI	
262331	Designing User Interfaces	1	3	Practical Work	Prof. Dr. Meixner	HCI	
262333	Mixed Reality Lab	1	6	Practical Work	Prof. Dr. Meixner	HCI	X

## Elective Module

Course Number	Course Name	Semester	ECTS	Examination Type	Lecturer	Profile	Still Open
172393	Research Project	2	12.0	Practical Work	Prof. Dr. Meixner	WM	

## Additional Courses

Course Number	Course Name	Semester	ECTS	Examination Type	Lecturer	Profile	Still Open
262451	Scientific Writing	1	3	Practical Work	Dr. Gonzales		

Course Number	Course Name	Semester	ECTS	Examination Type	Lecturer	Profile	Still Open
172383	Information Visualization	2	3	Practical Work	Dr. pobiruchin		
262454	Advised Studying	1	9		Prof. Dr. Winckler		X

## ECTS Overview

Profile	ECTS
Advanced Software Engineering and Data Science	18
Human-Computer Interaction	15
Elective Module	12
Additional Courses	15
<b>Total Courses</b>	<b>60</b>
Master's Thesis & Colloquium (next sem.)	30
<b>Total</b>	<b>90</b>