

Advanced Signal Processing & Communications Engineering (ASC)

Version
Batch WS
24/25

Study Plan for the Elite Master's Degree Programme Advanced Signal Processing & Communications Engineering (ASC)

No later than two weeks after the start of lectures each semester, students must submit a study plan for the current semester, approved by the mentor, to the ASC office.

The study plan documents the course of studies planned for the current semester as well as, if applicable, the study progress and success of previous semesters.

'Research Projects' and Master thesis have to be documented in the curriculum in such a way that an assessment of the thematic diversity according to § 43(3) can be made on the basis of the summary of the topic and the indication of the supervisors.

Please note that this concept is a binding version and later alterations require the consent of the Admission Committee.

Current Semester	Semester Start of Studies	# Sem	Matriculation Number
Last Name	First Name	Graduated from	

Signatures

Date: _____

Date: _____

Signature: _____

Signature: _____

Full Name: _____

Full Name: _____

Function: STUDENT

Function: MENTOR

Study Plan

Course Plan

Type of Module	Standard Semester	Module Name	ECTS	Planned Semester	Course Passed
	Sem-x (WS/SS)			Sem-x (WS/SS)	MM-YYYY
Mandatory Modules (47.5 ECTS)	Sem-1 (WS)	Mathematical Optimization for Communications and Signal Processing	5		
	Sem-1 (WS)	Information Theory and Coding	5		
	Sem-1 (WS)	Statistical Signal Processing	5		
	Sem-1 (WS)	Machine Learning in Signal Processing	5		
	Sem-2 (SS)	Deep Learning	5		
	Sem-2 (SS)	Selected Topics in ASC	2.5		
	Sem-1 (WS) Sem-2 (SS)	Kick-off Seminar, Winter School & Summer School	5		
	Sem-3 (SS)	Research Project (Major)	15		
Technical Mandatory-Elective Courses (15 ECTS)					
Technical Lab Courses (5 ECTS)					
Nontechnical Elective Courses (7.5 ECTS)					
Technical Elective Courses (15 ECTS)					
Master's Thesis	Sem-4 (SS)		30		

Research Project(s)

Module	Supervisor and Topic *
Research Project (Minor) - optional (ECTS towards Technical Mandatory- Elective Courses)	
Research Project (Major) (ECTS towards Mandatory Modules)	

* Use this table to state your plans at the beginning of the 3rd semester at the latest. Fill in the additional "Project Form" with the final title and other details to state your final plans BEFORE you actually start your project work.

Study Plan Comments