

CURRENT SEMESTER:
START OF STUDIES:

NAME:
MATRICULATION No:

Study Plan

Advanced Signal Processing & Communications Engineering (ASC)

Study Plan for the Elite Master's Degree Programme

Advanced Signal Processing & Communications Engineering (ASC)

In each of the first three semesters before the start of the lecture period, students shall submit a study plan for the coming semester to the ASC office. It has to be approved by their mentor and contain all signatures. Before the first and second semester the mandatory elective and elective modules must be chosen and included into the study plan.

In each semester the additions will be supplemented while the former items must remain! Changes to a student's study plan have to be recommended by the mentor and subsequently receive the final approval from the Admission Committee.

Before the third semester the topics and supervisors of the research projects must be chosen and added to the study plan. Each project and later on the Master's thesis have to be described with at least 200 words.

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

Signatures

Date: _____

Date: _____

Signature: _____

Signature: _____

Full Name: _____

Full Name: _____

Function: Student _____

Function: Mentor _____

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COURSE PLAN

1. Additional Requirements (individually assigned)

ECTS	Module	ECTS in Semester	
		WS	SS

2. Mandatory Modules (35 ECTS)

ECTS	Module	ECTS in Semester					
		WS	SS	WS	SS		
5	Mathematical optimization in Communications and Signal Processing						
5	Information Theory and Coding						
5	Statistical Signal Processing						
5	Game Theory with Application to Information Engineering						
5	Machine Learning in Signal Processing						
5	Selected Topics in ASC						
5	Kick-off Seminar (Winter School, Summer School)						

3. Elective Compulsory Modules (20 ECTS) (Technical Mandatory Electives / Technical Lab Course)

ECTS	Module	ECTS in Semester					
		WS	SS	WS	SS		
15	From "Technical Mandatory-Elective Courses" (Table II)						

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ECTS	Module	ECTS in Semester					
		WS	SS	WS	SS		
5	From "Technical Lab Courses" (Table II)						

4. Elective Modules (10 ECTS) (Technical Electives / Non-technical Electives)

ECTS	Module	ECTS in Semester					
		WS	SS	WS	SS		
5	From "Nontechnical Elective Courses" (Table II)						
5	From "Technical Elective Courses" (Table II)						

5. Research Projects (25 ECTS)

ECTS	Module	Supervisor	ECTS in Semester			
			WS	SS		
10	Research Project (Minor)					
15	Research Project (Major)					

6. Master's Thesis (30 ECTS)

ECTS	Module	Supervisor	ECTS in Semester			
			WS	SS		
30	Master's Thesis					