

M.Sc. Data Science - Application Area: Image- and Signalanalysis

	1. Semester (Summer)	2. Semester (Winter)	3. Semester (Summer)	4. Semester (Winter)	
Computer Science	RampUp Computer Science 10 ECTS	Elective Course Computer Science 5 ECTS Elective Course Computer Science 5 ECTS	Practical Course Computer Science 5 ECTS Elective Course Computer Science 5 ECTS Elective Course Computer Science 5 ECTS		25 ECTS
Mathematics	Elective Course 1 Mathematics 10 ECTS	Elective Course 1 Mathematics 10 ECTS Seminar Mathematics 5 ECTS			25 ECTS
Application Area	Computer Vision and Machine Learning 5 ECTS		Project Work 15 ECTS	Master Thesis 30 ECTS	50 ECTS
Ethics and Compulsary Courses	Scientific and Method-oriented Working 5 ECTS	Ethics and Epistemology 5 ECTS			10 ECTS
Total	30 ECTS	30 ECTS	30 ECTS	30 ECTS	120 ECTS
Compulsory modules Elective modules					