

Data Science - Profile 4 (BSc Mathematics/Physics, Application Field Data Science in Engineering)																		
	1st Semester (SS)					2nd Semester (WS)				3rd Semester (SS)				4th Semester (WS)				
Computer Science	RampUp Computer Science 10 CP					Computer Science Elective 5 CP				Computer Science Seminar 5 CP								35 CP
						Computer Science Elective 5 CP				Computer Science Elective 5 CP								
										Computer Science Elective 5 CP								
Mathematics	Mathematics Elective 10 CP					Practical Course Mathematics 5 CP								Master Thesis 30 CP				55 CP
	Mathematics Elective 10 CP																	
Applications						Basic Coastal Engineering 6 CP				Ecological Modeling 6 CP								22 CP
						Introduction to Finite Elements 5 CP				Fundamentals of Turbulence Modeling 5 CP								
Key qualifications and Ethics						Ethics 5 CP				Key qualifications 3 CP								8 CP
Total	30 CP					31 CP				29 CP				30 CP				120 CP
<div><div></div>Compulsory Modules</div> <div><div></div>Compulsory Electives</div>																		