

## Starting in Winter Term

6 = 6 ECTS Credits

Term	Web Science	Data Science	Elective Courses	Research work, seminar, soft skills	Master Thesis
1 Winter	Introduction to Web Science 04IN2026 8 Engineering Web and Data-intensive Systems 04IN2012 6	Introduction to Data Science 04IN2043 6 Machine Learning 04IN2028 6	choose 1st elective module 6		
2 Summer	Network Theory and Dynamic Systems 04IN2027 6	Big Data 04IN2102 6	choose 2nd, 3rd and 4th elective modules 18		
3 Winter			choose 5th and 6th elective modules 12 (Recommended: Independent Research Paper as 6th module 04IN2104 6 )	choose any seminar with relation to Web and Data Science 04IN2039 <b>AND</b> Team training, research lab 04FB2003 16	
4 Summer					Thesis, colloquium 04FB2004 30

## Starting in Summer Term

6 = 6 ECTS Credits

Term	Web Science	Data Science	Elective Courses	Research work, seminar, soft skills	Master Thesis
1 Summer	Network Theory and Dynamic Systems 04IN2027 6	Big Data 04IN2102 6	choose 1st, 2nd, and 3rd elective modules 18		
2 Winter	Introduction to Web Science 04IN2026 8 Engineering Web and Data-intensive Systems 04IN2012 6	Introduction to Data Science 04IN2043 6 Machine Learning 04IN2028 6	choose 4th elective modules 6		
3 Summer			choose 5th and 6th elective modules 12 (Recommended: Independent Research Paper as 6th module 04FB2002 6 )	choose any seminar with relation to Web and Data Science 04IN2039 <b>AND</b> Team training, research lab 04FB2003 16	
4 Winter					Thesis, colloquium 04FB2004 30