

Lehrstuhl / Professor	Voraussetzungen		
Prof. Dr. Christian Bizer	<ul style="list-style-type: none"> Data Mining <i>oder</i> LSDM <i>oder</i> Decision Support 	mind. 1 vertiefende Vorlesung der DWS Gruppe	Programmierkenntnisse in Java <i>und</i> ggf. Python <i>oder</i> R
Prof. Dr. Heiko Paulheim	Data Mining	mind. 1 vertiefende Vorlesung der DWS Gruppe	Programmierkenntnisse in Java <i>oder</i> Python
Prof. Dr. Goran Glavas	<ul style="list-style-type: none"> Information Retrieval & Web Search <i>oder</i> Text Analytics <i>oder</i> Hot Topics in Machine Learning <i>oder</i> LSDM <i>oder</i> Decision Support 	gute Programmierkenntnisse in mind. einer höheren Programmiersprache (Java, Python, C++, C#)	
Prof. Dr. Heiner Stuckenschmidt	<ul style="list-style-type: none"> Decision Support <i>oder</i> Data Mining <i>oder</i> Algorithmics 	Programmierkenntnisse in JAVA	
<i>Oder:</i>	Process Management	Management of Enterprise Systems	Deutschsprachig
Prof. Dr. Rainer Gemulla	<ul style="list-style-type: none"> Data Mining <i>oder</i> LSDM <i>oder</i> Decision Support 	mind. 1 vertiefende Vorlesung der DWS Gruppe	Programmierkenntnisse in Java <i>und</i> ggf. Python <i>oder</i> R
Prof. Dr. Matthias Krause	<ul style="list-style-type: none"> Algorithmics (CS 550) <i>oder</i> Kryptographie II ((CS 651) <i>oder</i> Courses in Algorithmics / Data Structures or Cryptography or Theoretical Computer Science or Complexity Theory at B.Sc. or M.Sc. level 	Gute Programmierkenntnisse in JAVA oder C/C++	
Prof. Dr. Simone Ponzetto	<ul style="list-style-type: none"> LSDM <i>oder</i> Decision Support 	<ul style="list-style-type: none"> Information Retrieval & Web Search <i>oder</i> Text Analytics <i>oder</i> Hot Topics in Machine Learning <i>oder</i> Data Mining and Matrices 	Programmierkenntnisse: mindestens eine höhere Programmiersprache (z.B. Java, Python, C++, C#, R and Matlab)
Prof. Dr. Guido Moerkotte	<ul style="list-style-type: none"> Seminar bei Prof. Moerkotte <i>oder</i> Seminar bei Prof. Krause <i>oder</i> Seminar bei Prof. Gemulla 	Data Base Systems II	Programmierkenntnisse
Prof. Dr. Colin Atkinson	Advanced Software Engineering	Ability to program in an OO language (e.g. Java, Python etc.)	
Prof. Dr. Margret Keuper	<ul style="list-style-type: none"> Higher-Level Computer Vision <i>oder</i> Hot Topics in Machine Learning <i>oder</i> Introduction to partial differential equations 	Fundamentals of Image Processing	
Prof. Dr. Frederik Armknecht	<ul style="list-style-type: none"> Algorithmics <i>oder</i> Cryptography II <i>oder</i> Data Security (ab FSS2020) <i>oder</i> Cryptography I <i>oder</i> Selected Topics in IT-Security 	Gute Programmierkenntnisse (Z.B. in Java oder C++)	
Prof. Dr. Armin Heinzl	erfolgreiches Absolvieren eines Seminars der Area IS		

**Prof. Dr. Han van
der Aa**

Process Mining & Analytics oder Advanced Process Mining and Programmierkenntnisse in Java oder Python