

Faculty:	Arts and Humanities				
Course of Study	Title	Type of course	Lecture hours per week	ECTS credits	Language of instruction
Englisch B.A. (Teacher Training)	Advanced Course A	Practical course (Ü)	2	see applicable study regulations	English
Englisch B.A. (Teacher Training)	Basic Course A - Large Group Sessions	Practical course (Ü)	see applicable study regulations	see applicable study regulations	English
Englisch B.A. (Teacher Training)	Basic Course A (Übung)	Practical course (Ü)	2	see applicable study regulations	English
Englisch B.A. (Teacher Training)	British Literature	Seminar (PS)	2	see applicable study regulations	English
Englisch B.A. (Teacher Training)	Characters in Fictional Worlds	Seminar (PS)	2	see applicable study regulations	English
Englisch B.A. (Teacher Training)	Corpus Linguistics	Lecture (V)	2	see applicable study regulations	English
Englisch B.A. (Teacher Training)	Creating Learning Environments and Development of Teaching Materials for Content and Language	Seminar (S)	2	see applicable study regulations	English
Englisch B.A. (Teacher Training)	Cultural Studies/Landeskunde (A): Republic of Ireland, Northern Ireland, Scotland	Seminar (HS)	2	6	English
Englisch B.A. (Teacher Training)	Cultural Studies/Landeskunde (B): English-speaking Cultures of the World	Seminar (HS)	2	6	English
Englisch B.A. (Teacher Training)	Cultural Studies/Landeskunde (C): US vs. EU -- a special relationship	Seminar (HS)	2	6	English
Englisch B.A. (Teacher Training)	English for Specific Purposes	Practical course (Ü)	2	see applicable study regulations	English
Englisch B.A. (Teacher Training)	Introduction to Cultural Studies	Lecture (V)	2	2	English
Englisch B.A. (Teacher Training)	Introduction to English Language Teaching	Lecture (V)	2	see applicable study regulations	English and German
Englisch B.A. (Teacher Training)	Introduction to English Linguistics I	Lecture (V)	2	see applicable study regulations	English
Englisch B.A. (Teacher Training)	Introduction to Literary Studies	Lecture (V)	2	see applicable study regulations	English
Englisch B.A. (Teacher Training)	Lecture Course: American Literature and Culture: A Survey	Lecture (V)	2	see applicable study regulations	English

English taught courses, winter term 2015/16
Bachelor level

Englisch B.A. (Teacher Training)	Lexicogrammar	Seminar (PS)	2	8	English
Englisch B.A. (Teacher Training)	Linguistic Methods, Group 2	Practical course (Ü)	2	see applicable study regulations	English
Englisch B.A. (Teacher Training)	Nobel-Prize-Winning Writing from North America	Seminar (PS)	2	see applicable study regulations	English
Englisch B.A. (Teacher Training)	Principles of Content and Language Integrated Learning	Seminar (S)	2	see applicable study regulations	English
Englisch B.A. (Teacher Training)	Semantics	Seminar (PS)	2	see applicable study regulations	English
Englisch B.A. (Teacher Training)	Sociolinguistics	Seminar (PS)	2	8	English
Englisch B.A. (Teacher Training)	The American Graphic Novel: An Introduction	Seminar (PS)	2	see applicable study regulations	English
Englisch B.A. (Teacher Training)	The British Novel: Current Themes and Theoretical Approaches	Seminar (PS)	2	see applicable study regulations	English
Englisch B.A. (Teacher Training)	Zusatzqualifikation "Bilinguales Lernen": English for Specific Purposes	Practical course (Ü)	2	see applicable study regulations	English
Englisch B.A. (Teacher Training)	Zusatzqualifikation "Bilinguales Lernen": Principles of Content and Language Integrated Learning	Seminar (S)	2	see applicable study regulations	English
English Studies (B.A.)	Advanced Course A	Practical course (Ü)	2	see applicable study regulations	English
English Studies (B.A.)	Basic Course A - Large Group Sessions	Practical course (Ü)		see applicable study regulations	English
English Studies (B.A.)	Basic Course A (Übung)	Practical course (Ü)	2	see applicable study regulations	English
English Studies (B.A.)	British Literature	Seminar (PS)	2	see applicable study regulations	English
English Studies (B.A.)	Characters in Fictional Worlds	Seminar (PS)	2	see applicable study regulations	English
English Studies (B.A.)	Corpus Linguistics	Lecture (V)	2	see applicable study regulations	English
English Studies (B.A.)	Cultural Studies/Landeskunde (A): Republic of Ireland, Northern Ireland, Scotland	Seminar (HS)	2	6	English

English taught courses, winter term 2015/16
Bachelor level

English Studies (B.A.)	Cultural Studies/Landeskunde (B): English-speaking Cultures of the World	Seminar (HS)	2	6	English
English Studies (B.A.)	Cultural Studies/Landeskunde (C): US vs. EU -- a special relationship	Seminar (HS)	2	6	English
English Studies (B.A.)	Introduction to Cultural Studies	Lecture (V)	2	2	English
English Studies (B.A.)	Introduction to English Linguistics I	Lecture (V)	2	see applicable study regulations	English
English Studies (B.A.)	Introduction to Literary Studies	Lecture (V)	2	see applicable study regulations	English
English Studies (B.A.)	Lecture Course: American Literature and Culture: A Survey	Lecture (V)	2	see applicable study regulations	English
English Studies (B.A.)	Lexicogrammar	Seminar (PS)	2	8	English
English Studies (B.A.)	Linguistic Methods, Group 2	Practical course (Ü)	2	see applicable study regulations	English
English Studies (B.A.)	Literary Theory: A Survey for Advanced Students	Lecture (V)	2	see applicable study regulations	English
English Studies (B.A.)	Nobel-Prize-Winning Writing from North America	Seminar (PS)	2	see applicable study regulations	English
English Studies (B.A.)	Practical Introduction to Literary Studies	Practical course (Ü)	2	see applicable study regulations	English
English Studies (B.A.)	Semantics	Seminar (PS)	2	see applicable study regulations	English
English Studies (B.A.)	Sociolinguistics	Seminar (PS)	2	8	English
English Studies (B.A.)	The American Graphic Novel: An Introduction	Seminar (PS)	2	see applicable study regulations	English
English Studies (B.A.)	The British Novel: Current Themes and Theoretical Approaches	Seminar (PS)	2	see applicable study regulations	English
Literary Studies and Linguistics (B.A.)	Advanced Course A	Practical course (Ü)	2	see applicable study regulations	English
Literary Studies and Linguistics (B.A.)	Advanced Course B	Practical course (Ü)	2	see applicable study regulations	English
Literary Studies and Linguistics (B.A.)	Basic Course A - Large Group Sessions	Practical course (Ü)		see applicable study regulations	English

English taught courses, winter term 2015/16
Bachelor level

Literary Studies and Linguistics (B.A.)	Basic Course A (Übung)	Practical course (Ü)	2	see applicable study regulations	English
Literary Studies and Linguistics (B.A.)	British Literature	Seminar (PS)	2	see applicable study regulations	English
Literary Studies and Linguistics (B.A.)	Characters in Fictional Worlds	Seminar (PS)	2	see applicable study regulations	English
Literary Studies and Linguistics (B.A.)	Corpus Linguistics	Lecture (V)	2	see applicable study regulations	English
Literary Studies and Linguistics (B.A.)	Cultural Studies/Landeskunde (A): Republic of Ireland, Northern Ireland, Scotland	Seminar (HS)	2	6	English
Literary Studies and Linguistics (B.A.)	Cultural Studies/Landeskunde (B): English-speaking Cultures of the World	Seminar (HS)	2	6	English
Literary Studies and Linguistics (B.A.)	Cultural Studies/Landeskunde (C): US vs. EU -- a special relationship	Seminar (HS)	2	6	English
Literary Studies and Linguistics (B.A.)	Introduction to Cultural Studies	Lecture (V)	2	2	English
Literary Studies and Linguistics (B.A.)	Introduction to English Linguistics I	Lecture (V)	2	see applicable study regulations	English
Literary Studies and Linguistics (B.A.)	Introduction to Literary Studies	Lecture (V)	2	see applicable study regulations	English
Literary Studies and Linguistics (B.A.)	Lecture Course: American Literature and Culture: A	Lecture (V)	2	see applicable study regulations	English
Literary Studies and Linguistics (B.A.)	Lexicogrammar	Seminar (PS)	2	8	English
Literary Studies and Linguistics (B.A.)	Linguistic and Literary Computing	Practical course (Ü)	2	see applicable study regulations	English
Literary Studies and Linguistics (B.A.)	Linguistic Methods, Group 2	Practical course (Ü)	2	see applicable study regulations	English
Literary Studies and Linguistics (B.A.)	Master-Kolloquium: Kolloquium zu aktuellen Forschungsthemen der englischen	Colloquium (K)		see applicable study regulations	English
Literary Studies and Linguistics (B.A.)	Nobel-Prize-Winning Writing from North America	Seminar (PS)	2	see applicable study regulations	English
Literary Studies and Linguistics (B.A.)	Practical Introduction to Literary Studies	Practical course (Ü)	2	see applicable study regulations	English
Literary Studies and Linguistics (B.A.)	Semantics	Seminar (PS)	2	see applicable study regulations	English
Literary Studies and Linguistics (B.A.)	Sociolinguistics	Seminar (PS)	2	8	English

Literary Studies and Linguistics (B.A.)	The American Graphic Novel: An Introduction	Seminar (PS)	2	see applicable study regulations	English
Literary Studies and Linguistics (B.A.)	The British Novel: Current Themes and Theoretical Approaches	Seminar (PS)	2	see applicable study regulations	English

Faculty:		Business and Economics			
Course of Study	Title	Type of course	Lecture hours per week	ECTS credits	Language of instruction
Applied Geography (B.Sc.)	Foundations of Entrepreneurship	Lecture (V)	2	5 (incl. practical course)	English
Applied Geography (B.Sc.)	Foundations of Entrepreneurship (Exercise)	Practical course (Ü)	2	5 (incl. lecture)	English
Applied Geosciences (B.Sc.)	Foundations of Entrepreneurship	Lecture (V)	2	5 (incl. practical course)	English
Applied Geosciences (B.Sc.)	Foundations of Entrepreneurship (Exercise)	Practical course (Ü)	2	5 (incl. lecture)	English
Biology (B.Sc.)	Foundations of Entrepreneurship	Lecture (V)	2	5 (incl. practical course)	English
Chemistry (B.Sc.)	Foundations of Entrepreneurship	Lecture (V)	2	5 (incl. practical course)	English
Chemistry (B.Sc.)	Foundations of Entrepreneurship (Exercise)	Practical course (Ü)	2	5 (incl. lecture)	English
Georesources Management (B.Sc.)	Foundations of Entrepreneurship	Lecture (V)	2	5 (incl. practical course)	English
Georesources Management	Foundations of Entrepreneurship (Exercise)	Practical course (Ü)	2	5 (incl. lecture)	English
Materials Engineering (B.Sc.)	Foundations of Entrepreneurship	Lecture (V)	2	5 (incl. practical course)	English
Molecular and Applied	Foundations of Entrepreneurship	Lecture (V)	2	5 (incl. practical course)	English
Psychology (B.Sc.)	Foundations of Entrepreneurship	Lecture (V)	2	5 (incl. practical course)	English

Faculty:		Civil Engineering			
Course of Study	Title	Type of course	Lecture hours per week	ECTS credits	Language of instruction
Civil Engineering (B.Sc.)	Introduction to Scientific Computing I	Lecture/practical course (VÜ)	2	3	English

Faculty:		Electrical Engineering and Information Technology			
Course of Study	Title	Type of course	Lecture hours per week	ECTS credits	Language of instruction
Business Administration & Engineering: Electrical Power	Modeling and Simulation of Complex Power Systems	Lecture/practical course (VÜ)	see applicable study	4	English
Business Administration & Engineering: Electrical Power Engineering (B.Sc.)	Power Electronics - Fundamentals, Topologies and Analysis	Lecture/practical course (VÜ)	3	see applicable study regulations	English
Communications Engineering B.Sc. (Teacher Training)	Communications Engineering Laboratory	Practical course (P)	3	3	English and German
Communications Engineering B.Sc. (Teacher Training)	Foundations of Computer Science 1	Practical course (Ü)	1	see applicable study regulations	English/German
Computer Engineering B.Sc. (Teacher Training)	Foundations of Computer Science 1	Practical course (Ü)	1	see applicable study regulations	English/German
Computer Science (B.Sc.)	Medical Acoustics I	Lecture/practical course (VÜ)	3	4 (incl. practical course)	English/German
Electrical Engineering B.Sc. (Teacher Training)	Foundations of Computer Science 1	Practical course (Ü)	1	see applicable study regulations	English/German
Electrical Engineering, Information Technology, and	Communication Theory	Seminar (S)	see applicable study	see applicable study regulations	English and German

Electrical Engineering, Information Technology, and	Communications Engineering	Seminar (S)	3	see applicable study regulations	English
Electrical Engineering, Information Technology, and Computer Engineering B.Sc.	Communications Engineering Laboratory	Practical course (P)	3	3	English and German
Electrical Engineering, Information Technology, and	Current Topics of Compound Semiconductor Technology and Devices	Seminar (S)	4	4	English/German
Electrical Engineering, Information Technology, and	Current Trends in Wireless Communications	Seminar (S)	3	see applicable study regulations	English
Electrical Engineering, Information Technology, and	Foundations of Computer Science 1	Practical course (Ü)	1	see applicable study regulations	English/German
Electrical Engineering, Information Technology, and Computer Engineering B.Sc.	International Patent Law	Lecture/practical course (VÜ)	3	4	English
Electrical Engineering, Information Technology, and Computer Engineering B.Sc.	Medical Acoustics	Seminar (S)	see applicable study regulations	see applicable study regulations	English
Electrical Engineering, Information Technology, and Computer Engineering B.Sc.	Mixed Signal Circuits	Seminar (S)	4	see applicable study regulations	English
Electrical Engineering, Information Technology, and Computer Engineering B.Sc.	Power Electronics - Fundamentals, Topologies and Analysis	Lecture/practical course (VÜ)	3	see applicable study regulations	English
Electrical Engineering, Information Technology, and Computer Engineering B.Sc.	Selected Topics in Communications Engineering	Seminar (S)	see applicable study regulations	see applicable study regulations	English/German
Electrical Engineering, Information Technology, and Computer Engineering B.Sc.	Seminar: Wireless Internet Systems	Seminar (S)	4	see applicable study regulations	English

Electrical Engineering, Information Technology, and Computer Engineering B.Sc.	Technical Acoustics	Seminar (S)	see applicable study regulations	see applicable study regulations	English/German
Electrical Engineering, Information Technology, and Computer Engineering B.Sc.	The Future of Energy Supply	Seminar (S)	see applicable study regulations	see applicable study regulations	German or English
Materials Science (B.Sc.)	Lab Course 'Nanoelectronics'	Practical course (P)	5	see applicable study regulations	English/German
Mobility and Transport B.Sc.	Battery Storage Systems	Lecture/practical course (VÜ)	3	see applicable study regulations	English
Power Engineering B.Sc. (Teacher Training)	Foundations of Computer Science 1	Practical course (Ü)	1	see applicable study regulations	English/German
Psychology (B.Sc.)	Medical Acoustics I	Lecture/practical course (VÜ)	3	4 (incl. practical course)	English/German

Faculty:		Georesources and Materials Engineering			
Course of Study	Title	Type of course	Lecture hours per week	ECTS credits	Language of instruction
Applied Geography (B.Sc.)	Environmental Issues in Mining	Lecture/practical course (VÜ)	2	3	English/German
Applied Geography (B.Sc.)	Mining Waste, Emissions and Environment	Lecture/practical course (VÜ)	3	4	English
Computational Engineering Science (B.Sc.)	Computer Simulation of Materials	Lecture/practical course (VÜ)	4	5	English
Environmental Engineering (B.Sc.)	Colloquium for Mining Engineers (current R&D results, selected topics on excavation + mining)	Lecture/Colloquium (VK)	3	see applicable study regulations	English/German

Environmental Engineering (B.Sc.)	Field trips to mines and mining equipment manufactures	Excursion (E)	1	see applicable study regulations	English/German
Environmental Engineering (B.Sc.)	Guidance to self-dependent scientific studies	Exam colloquium (EK)	4	see applicable study regulations	English/German
Environmental Engineering (B.Sc.)	Guidance to self-dependent scientific studies (Master thesis)	Practical course (Ü)	8	see applicable study regulations	English/German
Georesources Management (B.Sc.)	Advanced seminar	Seminar (S)	2	see applicable study regulations	English
Georesources Management (B.Sc.)	Remote Sensing of sedimentary basins	Lecture/practical course (VÜ)	2	3	English
Materials Science (B.Sc.)	Computer Simulation of Materials	Lecture/practical course (VÜ)	4	5	English
Mineral Resources Engineering (B.Sc.)	Colloquium for Mining Engineers (current R&D results, selected topics on excavation + mining)	Lecture/Colloquium (VK)	3	see applicable study regulations	English/German
Mineral Resources Engineering (B.Sc.)	Environmental Issues in Mining	Lecture/practical course (VÜ)	2	3	English/German
Mineral Resources Engineering (B.Sc.)	Field trips to mines and mining equipment manufactures	Excursion (E)	1	see applicable study regulations	English/German
Mineral Resources Engineering (B.Sc.)	Guidance to self-dependent scientific studies	Exam colloquium (EK)	4	see applicable study regulations	English/German
Mineral Resources Engineering (B.Sc.)	Guidance to self-dependent scientific studies (Master thesis)	Practical course (Ü)	8	see applicable study regulations	English/German

Faculty:		Mathematics, Computer Science and Natural Science			
Course of Study	Title	Type of course	Lecture hours per week	ECTS credits	Language of instruction
Biologie (Teacher Training)	Biological information processing(Neurobiology)	Lecture (V)	2	see applicable study regulations	English
Biologie (Teacher Training)	Current Topics in Cellular and Developmental Biology	Seminar (S)	2	3	English
Biology (B.Sc.)	Biological information processing(Neurobiology)	Lecture (V)	2	see applicable study regulations	English
Biology (B.Sc.)	Colloquium "Life Science"	Colloquium (K)	1	see applicable study regulations	English/German
Biology (B.Sc.)	Group meeting	Seminar (S)	2	see applicable study regulations	English and German

Biology (B.Sc.)	Introduction to Bioinformatics	Lecture (V)	2	4 (incl exercises)	English
Biology (B.Sc.)	Project-oriented methodological laboratory course in "Biological information processing"	Practical course (ÜP)	see applicable study	see applicable study regulations	English and German
Biology (B.Sc.)	Seminar on Environmental Sciences	Seminar (S)	2	see applicable study regulations	German or English
Biology (B.Sc.)	Seminar on Sensory Neuroscience for B.Sc. Students	Seminar (S)	2	2	English or German by arrangement
Biology (B.Sc.)	Transferable skills for bachelor students in biology	Tutorial (Tut)	see applicable study	1	German or English
Computational Engineering Science (B.Sc.)	Basic Techniques in Computer Graphics	Lecture (V)	3	6	English/German
Computational Engineering Science (B.Sc.)	Computational Differentiation	Lecture/practical course (VÜ)	4	6	English
Computational Engineering Science (B.Sc.)	Data Analysis and Visualization	Lecture (V)	2	4	English
Computational Engineering Science (B.Sc.)	Data Analysis and Visualization	Practical course (Ü)	1	see applicable study regulations	English
Computational Engineering Science (B.Sc.)	Data Mining Algorithms I	Lecture/practical course (VÜ)	3+2	6	English
Computational Engineering Science (B.Sc.)	Finite Volume and Finite Element Schemes II	Lecture (V)	2	3	German or English
Computational Engineering Science (B.Sc.)	Finite Volume and Finite Element Schemes II	Practical course (Ü)	1	1	German or English
Computational Engineering Science (B.Sc.)	Introduction to hyperbolic conservation laws	Lecture (V)	2	3	English or German
Computational Engineering Science (B.Sc.)	Introduction to hyperbolic conservation laws	Practical course (Ü)	2	3	English or German
Computational Engineering Science (B.Sc.)	Introduction to Statistical Classification	Lecture (V)	see applicable study	see applicable study regulations	English
Computational Engineering Science (B.Sc.)	Introduction to Statistical Classification	Practical course (Ü)	2	see applicable study regulations	English
Computational Engineering Science (B.Sc.)	Mathematical Models in Science and Engineering (ODEs)	Lecture/practical course (VÜ)	2+1	4	German or English
Computer Science (B.Sc.)	Advanced Internet Technology	Lecture (V)	3	6 (together with exercises)	English
Computer Science (B.Sc.)	Advanced Internet Technology: Exercise	Practical course (Ü)	1	6 (together with Lecture)	English

Computer Science (B.Sc.)	Automatic Speech Recognition	Lecture (V)	4 or 3	8 or 6	English
Computer Science (B.Sc.)	Automatic Speech Recognition	Practical course (Ü)	2	see applicable study regulations	English
Computer Science (B.Sc.)	Basic Techniques in Computer Graphics	Lecture (V)	3	6	English/German
Computer Science (B.Sc.)	Communication Systems Engineering	Lecture/practical course	V3/Ü1	6	English
Computer Science (B.Sc.)	Computational Differentiation	Lecture/practical course (VÜ)	4	6	English
Computer Science (B.Sc.)	Data Mining Algorithms I	Lecture/practical course (VÜ)	3+2	6	English
Computer Science (B.Sc.)	Designing Interactive Systems I	Lecture/practical course (VÜ)	V3/Ü2	6	English
Computer Science (B.Sc.)	Experimental Physics I : Mechanics and Relativity	Practical course (Ü)	2	see applicable study regulations	English
Computer Science (B.Sc.)	Foundations of Data Science	Lecture (V)	3	6	English
Computer Science (B.Sc.)	Human-Computer Interaction	Seminar (PS)	2	2	German (English on demand)
Computer Science (B.Sc.)	Implementation of Databases	Lecture/practical course (VÜ)	V3/Ü1	6	English
Computer Science (B.Sc.)	Infinite Computations	Lecture (V)	3	6	English
Computer Science (B.Sc.)	Infinite Computations	Practical course (Ü)	2	see applicable study regulations	English
Computer Science (B.Sc.)	Introduction to Artificial Intelligence	Lecture/practical course (VÜ)	V3Ü2	6	English
Computer Science (B.Sc.)	Introduction to Languages for Scientific Computing	Lecture/practical course (VÜ)	V3/ÜE1	6	English
Computer Science (B.Sc.)	Introduction to Statistical Classification	Lecture (V)	see applicable	see applicable study	English
Computer Science (B.Sc.)	Introduction to Statistical Classification	Practical course (Ü)	2	see applicable study regulations	English
Computer Science (B.Sc.)	iPhone Application Programming	Lecture/practical course	V3Ü2	6	English
Computer Science (B.Sc.)	Logic and Games	Lecture (V)	4 (Mathematik), 3 (Informatik)	9 (Mathematik), 6 (Informatik)	German or English
Computer Science (B.Sc.)	Medical Image Processing: Seminar	Seminar (S)	2	4	English

Computer Science (B.Sc.)	Proseminar Big Data	Seminar (PS)	2	2	English
Computer Science (B.Sc.)	Proseminar: Algorithms and Tools for Verification	Seminar (PS)	2	4	English/German
Computer Science (B.Sc.)	Proseminar: Best Practices of Modern and Efficient Software Engineering	Seminar (PS)	2	4	English/German
Computer Science (B.Sc.)	SAT Modulo Theories (SMT) Solving for Equality Logic and Uninterpreted Functions	Practical course (P)	3	6	English/German
Computer Science (B.Sc.)	Satisfiability Checking	Lecture/practical course (VÜ)	v3 Ü1	6	English or German
Computer Science (B.Sc.)	Selected Topics in Human Language Technology and Pattern Recognition	Seminar (S)	2	4	English/German
Computer Science (B.Sc.)	Seminar Beliefs and Causality	Seminar (S)	2	4	English
Computer Science (B.Sc.)	Seminar Big Data	Seminar (S)	2	4	English
Computer Science (B.Sc.)	Seminar Computational Complexity Theory	Seminar (S)	2	4	English
Computer Science (B.Sc.)	Seminar on data mining and multimedia retrieval	Seminar (S)	2	5	English and German
Computer Science (B.Sc.)	Seminar: Advanced Internet Technology	Seminar (S)	2	4	English
Computer Science (B.Sc.)	Seminar: Big Data and Learning Analytics	Seminar (HS)	2	4	English
Computer Science (B.Sc.)	Seminar: Current Topics in High-Performance Computing (HPC)	Seminar (S)	2	4	English/German
Computer Science (B.Sc.)	Seminar: Mobile Internet Technology	Seminar (S)	2	4	English
Computer Science (B.Sc.)	Software Architectures	Lecture (V)	3	6	English/German
Computer Science (B.Sc.)	Software project lab "Data Mining in R"	Practical course (P)	4	7	English/German
Computer Science (B.Sc.)	Tutorial Foundations of Data Science	Practical course (Ü)	2	see applicable study regulations	English
Mathematics (B.Sc.)	Computational Differentiation	Lecture/practical course (VÜ)	4	6	English

Mathematics (B.Sc.)	Experimental Physics I : Mechanics and Relativity	Practical course (Ü)	2	see applicable study regulations	English
Mathematics (B.Sc.)	Introduction to hyperbolic conservation laws	Lecture (V)	2	3	English or German
Mathematics (B.Sc.)	Introduction to hyperbolic conservation laws	Practical course (Ü)	2	3	English or German
Mathematics (B.Sc.)	Logic and Games	Lecture (V)	4 (Mathematik),	9 (Mathematik), 6	German or English
Mathematics (B.Sc.)	Mathematical Models in Science and Engineering	Lecture/practical course	2+1	4	German or English
Mathematics (B.Sc.)	Numerical Analysis IV	Lecture (V)	4	8	German or English by arrangement
Mathematics (B.Sc.)	Numerical Analysis IV exercises	Practical course (Ü)	2	2	German or English by
Mathematics (B.Sc.)	Optimization C (Optimal Control)	Lecture/practical course (VÜ)	4+2	9	German (English on demand)
Mathematics (B.Sc.)	Seminar on Numerical Analysis	Seminar (S)	2	3	German or English
Mathematics (B.Sc.)	Seminar: Modeling and Simulation	Seminar (S)	2	see applicable study	German or English by
Molecular and Applied Biotechnology (B.Sc.)	Colloquium "Life Science"	Colloquium (K)	1	see applicable study regulations	English/German
Molecular and Applied	Group meeting	Seminar (S)	2	see applicable study	English and German
Molecular and Applied Biotechnology (B.Sc.)	Introduction to Bioinformatics	Lecture (V)	2	4 (incl exercises)	English
Molecular and Applied	Introduction to Bioinformatics	Lecture (V)	2	4 (incl exercises)	English
Physics (B.Sc.)	Experimental Physics I : Mechanics and Relativity	Practical course (Ü)	2	see applicable study	English
Physics (B.Sc.)	Theoretical Physics II	Practical course (Ü)	2	see applicable study regulations	English
Physics B.Sc. (Teacher Training)	Experimental Physics I : Mechanics and Relativity (Tutorial Group 03)	Practical course (Ü)	2	see applicable study regulations	English
Physics B.Sc. (Teacher Training)	Experimental Physics I : Mechanics and Relativity (Tutorial Group 07)	Practical course (Ü)	2	see applicable study regulations	English

Faculty:		Mechanical Engineering			
Course of Study	Title	Type of course	Lecture hours per week	ECTS credits	Language of instruction
Computational Engineering Science (B.Sc.)	CES Mechanics I	Lecture (V)	2	3	English/German
Computational Engineering Science (B.Sc.)	Foundations of Finite Element Methods for Engineers	Lecture (V)	2	5	English
Computational Engineering Science (B.Sc.)	Foundations of Finite Element Methods for Engineers	Practical course (Ü)	2	5	English

Mechanical Engineering (B.Sc.)	Selected Topics of Inelasticity Theory	Lecture (V)	2	see applicable study regulations	English
Mechanical Engineering (B.Sc.)	Selected Topics of Inelasticity Theory	Practical course (Ü)	2	see applicable study regulations	English
Psychology (B.Sc.)	Industrial Engineering and Ergonomics	Lecture/practical course (VÜ)	see applicable study regulations	see applicable study regulations	English

Faculty:		Medicine			
Course of Study	Title	Type of course	Lecture hours per week	ECTS credits	Language of instruction
Biology (Teacher Training)	Methods in Immunology	Seminar (S)	2	see applicable study regulations	German or English
Computer Science (B.Sc.)	Colloquium Medical Informatics	Research colloquium (FK)	2	2	English/German
Computer Science (B.Sc.)	Medical Biometry and Clinical Epidemiology (Exercise)	Practical course (Ü)	see applicable study regulations	2	English
Computer Science (B.Sc.)	Medical Biometry and Clinical Epidemiology (Lecture)	Lecture (V)	see applicable study regulations	2	English
Mathematics (B.Sc.)	Medical Biometry and Clinical Epidemiology (Exercise)	Practical course (Ü)	see applicable study regulations	2	English
Mathematics (B.Sc.)	Medical Biometry and Clinical Epidemiology (Lecture)	Lecture (V)	see applicable study	2	English