



Lectures in  
English  
at Leibniz Universität Hannover

Academic Year and 2019/2020

11  
102  
1004

Leibniz  
Universität  
Hannover

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## Faculty of Architecture and Landscape Sciences

### Architecture and Urban Planning

#### Winter Term 2019/20

Title/Module	Type	Lecturer/Persons in charge	ECTS
Bachelor Project Urban Design	Project	Quednau/Schröder/Rieniets	9
Comprehensive Project (4 <sup>th</sup> study year recommended) in History and Theory of Architecture: <ul style="list-style-type: none"> <li>- Future of Architecture</li> <li>- Tessenow-Settlement in Pöbneck</li> <li>- Innovative Housing</li> </ul>	Project Project Project	Buchert Jager Tummers	12
Seminar Innovative Housing	Seminar	Tummers	5
Comprehensive Project in Digital and Material: integrated glass- and wood construction of a train station	Project	Becker	12
Comprehensive Project Design and Building Construction: N.N.	Project	Furche	12
Comprehensive Project in Architectural Design: <ul style="list-style-type: none"> <li>- Berlin Vertikale – the edge</li> <li>- International Culture Forum Alicante, Spain</li> <li>- Center for urban nutrition and food production</li> </ul>	Project	Léon Turkali  Grüntuch	12
Comprehensive Project in Urban Design and Planning: <ul style="list-style-type: none"> <li>- Palermo Open City</li> <li>- Urbanization and Locality (China)</li> <li>- Mülhome – Living together in Cologne-Mülheim</li> </ul>	Project	Schröder Quednau Rieniets	12
Regional Building and Urban Planning	Short Project	Schröder	5
Digital Fabrication: Robots in Architecture	Seminar	Becker/Sardenberg	5
Architecture in Augmented Reality and Virtual Reality	Seminar	Peters	5
Design Research: Don't fly to meeting	Short Project	Becker	5
Digital Typologies: Details	Seminar	Becker/Sardenberg	5
Creative Coding Constructs	Seminar	Becker	5
Architectural Data Visualisation: Count, Measure, Display	Seminar	Sardenberg	5
Universal Joints: 3D printed bar and plate connectors	Seminar	Becker	5
Gender Studies in Spatial Sciences	Seminar	Mölders	
Video and Motion Graphics	Seminar	Aschmutat	5

### Summer Term 2020 *(temporary)*

Title/ Module	Type	Lecturer/Persons in charge	ECTS
Bachelor Project Urban Design	Project	Quednau/Schröder/Rieniets	9
Comprehensive Project (4 <sup>th</sup> study year recommended) in History and Theory of Architecture: N.N.	Project Project Project	Buchert Jager	12
Comprehensive Project in Digital and Material: N.N.	Project	Becker	12
Comprehensive Project Design and Building Construction: N.N.	Project	Furche	12
Comprehensive Project in Architectural Design: N.N.	Project	Léon Turkali	12
Comprehensive Project in Urban Design and Planning:N.N.	Project	Schröder/Quednau/Riniets	12
Regional Building and Urban Planning	Short Project	Schröder	5
Digital Fabrication: Robots in Architecture	Seminar	Becker/Sardenberg	5
Architecture in Augmented Reality and Virtual Reality	Seminar	Peters	5
Architectural Data Visualisation: Count, Measure, Display	Seminar	Sardenberg	5
Gender Studies in Spatial Sciences	Seminar	Mölders	
Video and Motion Graphics	Seminar	Aschmutat	5

### Spatial Planning and Design

#### Winter Term 2019/20

Title/Module	Type	Lecturer/Persons in charge	ECTS
European spatial development and structural policies	Seminar	Sielker/Pukarthofer	5
Gender studies in spatial sciences	Seminar	Mölders	5
Landscape Architecture – Emerging Topics	Seminar	Werthmann	5
Landscape Planning and Ecosystem Services	Seminar	Albert	5
Research oriented project: - Spatial planning, - Landscape architecture	Project	Snieg Misc	15
Territorial governance for sustainable rural and urban development	Lecture/Seminar	Danielzyk/Scholles	5

### Summer Term 2020 *(temporary)*

Title/Module	Type	Lecturer/Persons in charge	ECTS
Implementation in Environmental Planning	Lecture	Von Haaren/Herrmann	5
Research oriented project II, focus mobility or landscape architecture	Project	Hoffmann/Misc	15
Mobility and Connectivity	Seminar	Sieker/Friedrich	5

Computer Science in Planning	Lecture/Practical work	Weller/Hermes	5
Contemporary Issues of Territorial Development	Seminar	Snieg/Scholles	5
Planning Theory	Seminar	Sielker	5
Practical Implications of EU cohesion and regional policies	Seminar	Wieja	5

The Faculty of Architecture and Landscape Science offers a Master's programme on environmental planning with moduls in spatial planning only taught in English. All seminars and workshops in Digital Methods in Architecture by the teacher in charge V. Sardenberg and Comprehensive Project Innovative Housing by L. Tummers is only in English language.

Besides, it is possible for English speaking students to participate nearly at all of the German teaching activities with a portion of practical exercises (eg seminars, workshops, projects, field trips). Please, check this individually with the teacher. Oral assessments or final presentations can be taken in English on demand. Additionally courses from programme Architecture and Urban Planning like digital and creative courses (arts, painting, photography) and excursions of all study programmes are available in German and English language as well. Students can choose modules in English also at Faculty of Engineering and Geodetic Science from the study programme Water Resources and Environmental Management (limited number of places).

For detailed information about English lectures for Territorial Development, Landscape Architecture, and Environmental Planning contact Dr. Frank Scholles ([scholles@umwelt.uni-hannover.de](mailto:scholles@umwelt.uni-hannover.de)) or Kirsten Aleth for Architecture and Urban Planning ([international@archland.uni-hannover.de](mailto:international@archland.uni-hannover.de)).

## Faculty of Civil Engineering and Geodetic Science

### Civil Engineering (Only Master Courses)

#### Winter Term 2019/20

Title/Module	Type	Lecturer/Persons in charge	ECTS
Continuum Mechanics I	<i>Lecture</i>	Dr. Fadi Aldakheel	6
Advanced Stochastic Analysis	Lecture	Prof. Dr.-Ing. Michael Beer	6
Contact Mechanics	<i>Lecture</i>	Prof. Dr.-Ing. Udo Nackendorst	6
Geostatistics and Soft Computing	<i>Lecture</i>	Prof. Dr.-Ing. Uwe Haberlandt	3
Hydro Power Engineering	Lecture	Dr. Khalid Abdel- Rahman	6
Hydromechanics of Offshore Structures	<i>Lecture</i>	Prof. Dr.-Ing. Arndt Hildebrandt	6
Industrial Water Supply and Water Management	Lecture	Prof. Dr.-Ing. Stephan Köster	6
Special Topics in Sanitary Engineering	<i>Lecture</i>	Prof. Dr.-Ing. Stephan Köster	3
Coastal and Estuarine Management	Lecture	Prof. Dr.-Ing. habil. Torsten Schlurmann	6
Innovative Bioprocesses for Wastewater	Lecture	Prof. Dr.-Ing. Regina Nogueira	6
Meteorology and Climatology	Lecture	Jun.-Prof. Dr.-Ing. Kristian Förster	3
Recycling and Circular Economy	Lecture	PD Dr.-Ing. habil. Dirk Weichgrebe	6
Stabilized and Discontinuous Galerkin Finite Element Methods for Computational Fluid Dynamics	Lecture	Prof. Dr.-Ing. Dominik Schillinger	6
Foundations of Computational Engineering	<i>Lecture</i>	Prof. Dr.-Ing. Michael Beer	6

#### Summer Term 2020

Title/Module	Type	Lecturer/Persons in charge	ECTS
Wind Energy Technology I	<i>Lecture</i>	Prof. Dr.-Ing. Andreas Reuter	6
Field Measuring Techniques in Coastal Engineering	<i>Lecture</i>	Prof. Dr.-Ing. habil. Torsten Schlurmann	6
Finite Elements II	<i>Lecture</i>	Ph. D. Michele Marino	5
Hydrology Extremes	<i>Lecture</i>	Prof. Dr.-Ing. Uwe Haberlandt	6
Maritime and Port Coastal Engineering	<i>Lecture</i>	Prof. Dr.-Ing. habil. Torsten Schlurmann	6



Numerical Modelling in Geotechnical Engineering	<i>Lecture</i>	Prof. Dr.-Ing. Martin Achmus	6
Solid Waste Management	<i>Lecture</i>	Dr.-Ing. habil. Dirk Weichgrebe	6
Stochastic Finite Element Methods	<i>Lecture</i>	Prof. Dr.-Ing. Udo Nackenhorst	6
Modelling in Sanitary Engineering	<i>Lecture</i>	Prof. Dr.-Ing. Regina Nogueira	6
Urban Hydrology	<i>Lecture</i>	Prof. Dr.-Ing. Uwe Haberlandt	6
Foundations of Computational Engineering	<i>Lecture</i>	Prof. Dr.-Ing. Michael Beer	6
Model Order Reduction in Computational Solid Mechanics	<i>Lecture</i>	Prof. Dr.-Ing. Dominik Schillinger	6

# Faculty of Economics and Management

## Economics

### Winter Term 2019/20

Title/Module	Type	Lecturer/Persons in charge	ECTS
Advanced Econometrics	Lecture	Wingert	5
Data Analytics	Lecture	Braschke, Kiss, Pikos, Schnitzlein	5
Economics of Education	Lecture	Schnitzlein	5
Inequality, Poverty, and Public Policy	Lecture	Toft	5
Labour and Development	Lecture	Jelnov, Pikos	5
Working with Survey Data	Lecture	Brooks	5
Behavioral Finance	Lecture	Dierkes	5
Capital Market Theory II: Derivatives	Lecture	Prokopczuk	5
Controlling and Value Generation Chain	Lecture	Claassen	5
Operations Research	Lecture	Helber	5
Development Economics	Seminar	Grote, Waibel	5
Energy Economics	Lecture	Nguyen	5
Environmental Economics	Lecture	Grote	5
International Competitiveness	Lecture	Grote	5
Project Planning and Evaluation	Lecture	Waibel	5
Information Systems / Information Management and Information Systems	Lecture	Breitner	5
Statistical Methods	Lecture	Sibbertsen	5
B2B Marketing	Lecture	Mettenheim, Wiedmann	5
Qualitative Management Research Tutorial	Lecture	Ridder	5
Stochastic Processes for Option Pricing	Lecture	Flock	5
Manufacturing Systems Modeling and Analysis	Lecture	Helber	5
Optimization Modeling with GAMS	Lecture	Kellenbrink, Südbeck	5
International Accounting	Lecture	Kronenberger	5
Seminar Social Network Theory	Seminar	Weber	5
Game Theory	Lecture	Katsenos	5
Analytical Accounting	Lecture	Kronenberger	5
Taxation and Corporate Finance	Lecture	Blaufus	10
Advanced Macroeconomics	Lecture	Gnutzmann-Mkrtchyan	5
Advanced Macroeconomics II	Lecture	Gnutzmann-Mkrtchyan	5
Financial Markets I: Asset Pricing / Asset Pricing	Lecture	Hollstein	5
International Money and Finance I: Monetary Theory and Policy	Lecture	Dräger	5
Applied Economics	Seminar	Schröder	5
Advanced Statistics	Lecture	Sibbertsen	5
Advanced Time Series Analysis	Lecture	Kolaiti	5
Computerintensive Statistics	Lecture	N.N.	5

Financial Econometrics	Lecture	Becker	5
Banking and Finance I	Lecture	Dierkes	5
Computational Finance	Lecture	Breitner	3
Financial Markets III: Research in Finance	Lecture	Hollstein, Prokopczuk	5
Financial Systems and Regulation	Lecture	Dräger	5
Banking and Finance	Seminar	Dierkes, Schrön	5
Empirical Monetary Macroeconomics	Seminar	Dräger, Nghiem	5
Theory of Health Economics	Lecture	Herr, Treskova	5
Global Electronic Business	Lecture	Breitner	5
Data Collection	Lecture	Bühler, Jin, Krause	5
Impact Evaluation	Lecture	Steiner	5
International Business Relations	Lecture	Grote, Waibel	5
Micro, Macro and Trade Models	Lecture	Gronau, Nguyen, Schulte	5
Asian Economies	Seminar	Grote, Waibel	5
Qualitative Management Research 1	Lecture	Belte	5
Qualitative Management Research 2	Lecture	Harrer, Weber	5
Quantitative Management Methods 2	Lecture	Albertsen, Wiedmann	5
Intercultural Economics and Management	Seminar	Bühler, Grote, Wiedmann	5
International Strategic Marketing	Lecture	Wiedmann	5
Work and Employment Studies	Seminar	Haunschild	5

### Summer Term 2020 (*temporary*)

Title/Module	Type	Lecturer/Persons in charge	ECTS
Data Analytics	Lecture	Prof. Puhani	5
Intergenerational Mobility	Lecture	Prof. Schnitzlein	5
Labour and Development	Lecture	Prof. Puhani	5
Personnel Economics	Lecture	Prof. Puhani	5
Course Empirical Research in Finance	Seminar	Prof. Dierkes	5
Capital Market Theory II: Derivatives	Lecture	Prof. Prokopczuk	5
Hedge Funds	Lecture	Prof. Dierkes	5
International Tax Planning	Lecture	Prof. Blaufus	5
Global Food Security /Food Security and Agriculture in Developing Countries	Lecture	Prof. Waibel	5
Seminar: Econometrics & Economic Modelling	Seminar	Prof. Hübler	5
Econometrics	Lecture	Prof. Grote	5
International Agricultural Policy	Lecture	Prof. Grote	5
International Competitiveness	Lecture	Prof. Grote	5
Introduction to the Economics of Developing Countries	Lecture	Prof. Waibel	5
Sustainability Economics	Lecture	Prof. Grote	5
Water Economics	Lecture	Prof. Grote	5
Research Project	Lecture (Term Paper)	Prof. Breitner	5
Information Management for the Energy and Mobility Sector	Lecture (Term Paper)	Prof. Breitner	5

Brand Management	Lecture	Prof. Wiedmann	5
Economics of Terrorism	Lecture	Prof. Gassebner	5
Multivariate Statistics	Lecture	Prof. Sibbertsen	5
Nonparametric Statistical Methods	Lecture	Prof. Sibbertsen	5
Statistical Programming	Lecture	Prof. Sibbertsen	5
Time Series Analysis	Lecture	Prof. Sibbertsen	5
Stochastic Models in Production and Logistics	Lecture	Prof. Helber	5
Seminar in Operations Management & Research	Seminar	Prof. Helber	5
Implementing Basic Operations Research Heuristics	Lecture (Term Paper)	Prof. Helber	5
Principles of Risk Management and Insurance	Lecture	Prof. Schulenburg	5
Topics in Game Theory	Lecture	Prof. Hoppe-Wewetzer	5
Banking and Finance II	Lecture	Prof. Dierkes	5
Financial Markets and Investments II: Advanced Derivatives	Lecture	Prof. Prokopczuk	5
International Money and Finance II: Financial Crises	Lecture	Prof. Dräger	5
Seminar Empirical Monetary Macroeconomics	Seminar	Prof. Dräger	5
Applied Health Economics	Lecture	Prof. Herr	5
Global Electronic Business	Lecture (Term Paper)	Prof. Breitner	5
Master Research Project	Lecture (Term Paper)	Prof. Breitner	5
Operations Research II - Advanced methods of linear and integer programming	Lecture (Term Paper)	Prof. Helber	5
International Seminar in Economic Geography	Seminar	Prof. Sternberg	5
Seminar African Economies	Seminar	Prof. Grote	5
Brand Management	Lecture	Prof. Wiedmann	5
Human Resource Management for the Public Sector	Lecture (Term Paper)	Prof. Ridder	5

More information:

<https://www.wiwi.uni-hannover.de/index.php?id=1267>

## Faculty of Electrical Engineering and Computer Science

### Winter Term 2019/20

Title/Module	Type	Lecturer/Persons in charge	ECTS
Foundations of Information Retrieval	Lecture	Neijdl	5
Artificial Intelligence	Lecture	Neijdl	5
Artificial Intelligence II	Lecture	Neijdl	
Application-Specific Instruction-Set Processors	Lecture	Payá Vayá	5
Verification, Validation and Testing of ASIC Designs	Lecture	Payá Vayá	5
Data Mining Lab	Practical Work	Ntoutsis	6
Data Mining II	Lecture	Ntoutsis	5
Foundations of Human Computation and Crowdsourcing	Lecture	Zerr / Gadiraju	5
Introduction to Data Science	Lecture	Demidova / Niederée	5
Probabilistic Machine Learning	Lecture	Khosla	5
Statistical Natural Language Processing	Lecture	Fetahu	5
Neural Information Retrieval	Seminar	Amand	3
Audio and Speech Signal Processing	Lecture	Nogueira-Vazquez	5
Nonlinear Control	Lecture	Müller	5
International Design Project	Practical Work	Tidy	3
Advanced English for Mechanical and Electrical Engineers	Lecture	Tidy	3
Electric Power Systems I	Lecture	Leveringhaus	5
Electrical Energy Storage	Lecture	Bensmann	5
Electrical Machines and Drives	Lecture	Ponick	5
Electrothermal Processing (Electrotechnologies)	Lecture	Nacke	5
Power Electronics	Lecture	Friebe	5

### Summer Term 2020 (*temporary*)

Title/Module	Type	Lecturer/Persons in charge	ECTS
3D-Audio - Fundamentals of spatial audio reproduction systems	Lecture	N. N.	5
Model Predictive Control	Lecture	Müller	5
Web Science	Lecture	Neijdl	5

Please see here for a detailed course description: <https://www.dbs.uni-hannover.de/et-inf/modkat/lvk/kat.php> (type in the wanted module in "Lehrveranstaltung" or choose "Sprache" "English")

Please feel free to contact us if you have any questions:

For questions regarding your learning agreement (Electrical Engineering):

Prof. Egbert Baake ([baake@etp.uni-hannover.de](mailto:baake@etp.uni-hannover.de))

For questions regarding your learning agreement (Computer Science): Dr. Arne Meier ([meier@thi.uni-hannover.de](mailto:meier@thi.uni-hannover.de))

For general questions regarding your studies: office of student affairs, Franziska Arens ([franziska.arenis@et-inf.uni-hannover.de](mailto:franziska.arenis@et-inf.uni-hannover.de)) resp. Ulrike von Holdt ([vonholdt@et-inf.uni-hannover.de](mailto:vonholdt@et-inf.uni-hannover.de))

## Faculty of Humanities

### English Department

#### Winter Term 2019/20

Title/Module	Type	Lecturer/Persons in charge	ECTS
The American Photobook: An Exploration through Theory and Praxis	Seminar/Intensive course	Koen Potgieter	5
Organising Film Screenings	Seminar	Hannah Pardey	5
Possible Professional Futures	Seminar	Ruth Mayer	5
English for Academic Purposes	Seminar/Intensive course	Linda Wright	5
Contemporary Life Writing	Seminar	Ruth Mayer	5
Literary Value	Seminar	Ruth Mayer	5
The History/Theory/Materiality of the Book in the United States	Seminar	Ilka Brasch	5
Defining "American": Literature and Theories of the Antebellum Event	Seminar	Abigail Fagan	5
Blockbuster Cinema between Narrative, Spectacle and Media Event	Seminar	Felix Brinker	5
Survey American Literature & Culture	Lecture	Ruth Mayer	5
Detectives, Gangsters, and G-Men: American Popular Culture in the 1930s	Seminar	Ilka Brasch	5
U.S.-American Short Stories from 1910s – 2010s	Seminar	Anna-Lena Oldehus	5
Introduction to Literary Studies	Seminar	Janna-L- Neumann, Ruth Mayer, Jana Gohrisch, Anna-Lena Oldehus	5
British Drama Across the Centuries	Seminar	Janna-L. Neumann	5
The Colonial Rise of the Novel	Seminar	Hannah Pardey	5
Literary Analysis and Linguistics	Seminar	Jana Gohrisch	5
Practising Literary Criticism: British and Postcolonial Literature		Jana Gohrisch	5
Language Awareness Matters: Along the Way to a Language Sensitive School	Seminar	Gabriele Blell	5
Teaching Literature in the EFL Classroom	Seminar	Gabriele Blell	5
Teaching English with Film	Seminar	Gabriele Blell	5
Professional Thinking and Reflective Practice	Seminar	Friederike v. Bremen	5
Introduction to Teaching English as a Foreign Language	Seminar	Alexander Woltin, Gabriele Blell	5
Lost in Mediation?!?!	Seminar	Alexander Woltin	5
Communicative Approaches to Teaching Years 5 and 6	Seminar	Janka Blanckertz	5

Teaching Grammar and Vocabulary	Seminar/Intensive course	Friederike v. Bremen	5
Neo-Firthian Corpus Linguistics	Seminar	Rainer Schulze	5
Constructions, Frames and (Valency) Patterns	Seminar	Rainer Schulze	5
Linguistics and English Literature	Seminar	Rainer Schulze	5
Computer-Mediated Communication	Seminar/Intensive course	Pascal Hohaus	5
Learner Corpus Research	Seminar	Ulrike Altendorf	5
Linguistic Diversity: The linguistic effects of mobility and migration	Seminar	Ulrike Altendorf	5
Introduction to Linguistics I	Lecture	Aida Jananesh	5
Phonetics & Phonology	Lecture	Ulrike Altendorf	5
Cognitive Grammar in Stylistics	Seminar	Rainer Schulze	5
Vocabulary and Pronunciation	Seminar	Anne Gans, Linda Wright	5
Composition	Seminar	Jill Schneller, Linda Wright	5
English for Intercultural Relations	Seminar/Intensive course	Linda Wright	5
Indigenous Cultures of Anglophone Countries	Seminar	Linda Wright	5
Investigating Song Texts	Seminar/Intensive course	Anne Gans	5
English Theatre Workshop	Theater	Peter Bennett	5

### Summer Term 2019/20

*Not planned yet.*

### German and English Linguistics (Master of Arts)

### Winter Term 2019/20

Title/Module	Type	Lecturer/Persons in charge	ECTS
English for Academic Purposes	Seminar	Wright, Linda Elise	5
Linguistic Diversity: The linguistic effects of mobility and migration (formerly Sociolinguistic Typology)	Seminar	Prof. Dr. Ulrike Altendorf	5
Linguistics and English Literature	Seminar	Prof. Dr. Rainer Schulze	5
Neo-Firthian Corpus Linguistics	Seminar	Prof. Dr. Rainer Schulze	5
Learner Corpus Research	Seminar	Prof. Dr. Ulrike Altendorf	5

### Summer Term 2020

*Not planned yet*

## History

### Winter Term 2019/20

Title/Module	Type	Lecturer/Persons in charge	ECTS
How indecent is one's dress? Debating (In)equality and gender roles in 20th century Tanzania	Seminar	Barre	8
Anthropology and Contemporary Visual Arts from the Black Atlantic: between the Art Museum and the Ethnological Museum in the Global North	Interdisciplinary Research Colloquium	Hinnerk/Onken	4

### Summer Term 2020

*Not planned yet.*

## Philosophy

### Winter Term 2019/20

Title/Module	Type	Lecturer/Persons in charge	ECTS
Philosophy & Ethics of Artificial Intelligence	Lecture/Seminar	Dr. Philippe van Basshuysen	5
Empiricism and its critics	Lecture/Seminar	Daria Jadreskic	5
Models in the Life and Social Sciences	Lecture/Seminar	M. Sc. Stefano Canali & Dr. des. Simon Lohse	5
Topics in Metaphysics and in the Philosophy of Physics: Philosophy of Time	Lecture/Seminar	Prof. Dr. Mathias Frisch	5
An Introduction to Medical Ethics	Lecture/Seminar	Prof. Dr. Nils Hoppe	5
Introduction to Philosophy of Science	Lecture/Seminar	Donal Khosrowi	5
Personal Identity as a Narrative Self-Constitution?	Lecture/Seminar	David Stöllger	5
Applied Ethics	Lecture/Seminar	Dr. Lucie White	5
Research Ethics	Lecture/Seminar	Dr. Lucie White	5
Social and Political Philosophy	Lecture/Seminar	Dr. Ndu Edeh	5
Bioethics	Lecture/Seminar	Dr. Ndu Edeh	5
Scientific Knowledge: Selected Topics in the Epistemology of Science	Lecture/Seminar	Prof. Dr. Thomas Reydon	5

### Summer Term 2020

*Not planned yet.*

## Political Science

### Winter Term 2019/20

Title/Module	Type	Lecturer/Persons in charge	ECTS
Becoming Experts: the role and relevance of knowledge in international organizations	Seminar	Natalia Dalmer	6
The Nationalist Backlash in Europe	Seminar	Dr. Marcus Hoppe	6



Reelecting "Greatness"? The Trump Presidency and the Democratic Challenge	Seminar	Prof. Dr. Christiane Lemke / Jakob Wiedekind	6
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Summer Term 2020

*Not planned yet.*

Study of religion

Winter Term 2019/20

Title/Module	Type	Lecturer/Persons in charge	ECTS
Religion, law and human right	Seminar	Tim Jensen	5
Religion and Education in International and Comparative Perspective	Seminar	Amandine Barb	5

Summer Term 2020

*Not planned yet.*

## Faculty of Law

### Law

#### Winter Term 2019/20

Title/Module	Type	Lecturer/Persons in charge	ECTS
European Distribution Law I	Lecture	Muhl	4
Introduction to EU State Law	Lecture	Parashu	4
Introduction to European IT-Law	Lecture	Heinze	4
General Principles of International Commercial Arbitration	Lecture	Wilske	4
Introduction to European Law Moot Court	Lecture	Zaprosyan	2/4
Jurisdiction and legal protection in EU multi-level system I	Lecture	Pauling	2
Introduction to Jessup Moot Court	Lecture	Widding	2
The rule of law and the ordinary legislative procedure in EU Law I	Lecture	Pauling	2
EU-Consumer Law	Lecture	Künneke	4
German Corporate Law – in particular stock corporation Law	Lecture	Blunk	2
European Regulations and comparative legal aspects in the information society	Lecture	Tschol	4
European Copyright Law	Lecture	N.N.	4
Introduction into Legal Informatics and data protection Law	Lecture	Kilian	4
Media Law	Lecture	Markewitz	4
Legal Academic Writing	Lecture	Strauch	4
International Private Law and the Internet	Lecture	Forgó	4
Alternative Licensing	Lecture	Geru	4
European IP Law	Lecture	Wooden	4
German Corporate Law – in particular stock corporation Law	Lecture	Blunk	2

#### Summer Term 2020

*Not planned yet.*

## Law Science

### Winter Term 2019/20

Title/Module	Type	Lecturer/Persons in charge	ECTS
EU Copyright Law	Lecture/Seminar	Revalidis	4
Media Law	Lecture/Seminar	Iglezakis	4
Private International Law and the Internet	Lecture/Seminar	Biggus	3
US IP Law	Lecture/Seminar	Wooden	4
European IP Law	Lecture/Seminar	Hennigs/Sabellik	4
International Arbitration & IP Dispute Resolution	Lecture/Seminar	Yu	4
Data Protection in the Age of Artificial Intelligence	Lecture/Seminar	Rademacher	3
Blockchain – Technology, Applications, Regulation	Lecture/Seminar	Biggus	4
Data Protection: Corporate Compliance und EU Law	Lecture/Seminar	Dahi	4
Introduction to Legal Informatics and Data Protection Law	Lecture/Seminar	Kilian/Becker	4
European Regulation and Comparative Legal Aspects in the Information Society	Lecture/Seminar	Becker	4
Fundamental Aspects of Information Science, Security, and Computing	Lecture/Seminar	Rueckemann	4
IT Contracts	Lecture/Seminar	Grützmaker	4
European Copyright Law	Lecture	Mesenbrink	4

### Summer Term 2020

Title/Module	Type	Lecturer/Persons in charge	ECTS
European IT Law	Lecture	Dr. Stauch/ Nwankwo	4
IN SITU – International Summer School in IT Law at Leibniz University Hannover*	Summer School	Wendorf/ Mesenbrink	10

\*limited number of participants

## Faculty of Mathematics and Physics

### Mathematics

#### Winter Term 2019/20

Title/Module	Type	Lecturer/Persons in charge	ECTS
Algebraische Geometrie I (Algebraic Geometry I)	Lecture / Exercise	Gonzalez Alonso	10
Algebraische Flächen / Algebraic Surfaces	Lecture / Exercise	Hulek	10
Algebraische Kombinatorik (Algebraic Combinatorics)	Lecture / Exercise	Sambale	10
Funktionalanalysis/ Functional Analysis	Lecture / Exercise	Bauer	10
Algebraische Zahlentheorie I (Algebraic Number Theory I)	Lecture / Exercise	Derenthal	10
Pseudodifferentialoperatoren/ Pseudodifferential Operators	Lecture / Exercise	Schrohe	5
Analysis Subriemannscher Strukturen/ Analysis of subriemannian structures	Lecture / Exercise	Bauer	10
Goal oriented a posteriori error estimation and adaptive finite elements	Lecture / Exercise	Wick	5
Darstellungstheorie (Representation theory)	Lecture / Exercise	Bessenrodt	10
Actuarial Mathematics	Lecture / Exercise	Gaigall / Weber	10
Financial Mathematics in Continuous Time	Lecture / Exercise	Svindland	10
Algebraische Gruppen (Algebraic Groups)	Lecture / Exercise	Gagliardi	5
Quantitative Risk Management	Lecture / Exercise	Knispel	10
Proseminar Zahlentheorie (Proseminar Number Theory)	Seminar	Gagliardi	5
Seminar Hyperkähler geometry	Seminar	Bielawski	5
Seminar Prof. Hulek	Seminar	Hulek	5

### Physics

#### Winter Term 2019/20

Title/Module	Type	Lecturer/Persons in charge	ECTS
Optik, Atome, Moleküle, Quantenphänomene (Optics, atoms, molecules, quantum phenomena)	Lecture / Exercise	Ristau	10
Advanced Solid State Physics	Lecture / Exercise	Ding	5
Quantenoptik (Quantum optics)	Lecture / Exercise	Klempt / Rasel	5
Atom- und Molekülphysik (Atomic and molecular physics)	Lecture / Exercise	S. Ospelkaus / C. Ospelkaus	8
Gravitationsphysik (Gravitational physics)	Lecture / Exercise	Willke / Krishnan	5

Quantenfeldtheorie (Quantum field theory)	Lecture / Exercise	Lechtenfeld	5
Photonik (Photonics)	Lecture / Exercise	Chichkov	4
Optische Schichten (Optical layers)	Lecture / Exercise	Ristau	4
Integrable Many-Body Systems	Lecture / Exercise	Frahm	
Quantum ergodicity	Lecture	Santos	
Grundlagen der Lasermedizin und Biophotonik (Foundations of laser medicine and biophotonics)	Lecture	Lubatschowski / Heisterkamp	4
Programming atomic and molecular physics	Lecture	Zenesini	
Laserspektroskopie in Life Sciences (Laser spectroscopy in life sciences)	Lecture / Exercise	Roth	4
Matter wave interferometry	Lecture / Exercise	Gaaloul / Rasel	3
Bionische Oberflächen durch Laserstrahlung (Bionic surfaces by laser radiation)	Lecture / Seminar	Fadeeva	4
Introductory Biophysics for Physicists	Lecture	Kalies / Heisterkamp	
Laserinterferometrie (Laser Interferometry)	Lecture / Exercise	Heinzel	2
Nichtklassisches Licht (Nonclassic light)	Lecture	Heurs	2
Kernenergie und Brennstoffkreislauf, technische Aspekte und gesellschaftlicher Diskurs (Nuclear energy and fuel cycle, technical aspects and public discourse)	Lecture	Walther	2
Chemie und physikalische Analyse von Radionukliden (Chemistry and physical analysis of radionuclides)	Lecture	Steinhauser	2
Oberflächenphysik (Surface physics)	Lecture / Exercise	Pfnür	5
Applied photonic quantum technologies	Lecture	Kues	
Optische Quantenemitter und Quantentechnologien	Lecture	Schell	2
Seminar Radioökologie und Strahlenschutz (Seminar Radiation Protection and Radioecology)	Seminar	Walther	3
Semiconductor optics	Seminar	Oestreich	3
Seminar über Quanteneffekte in Festkörpern (Seminar on quantum effects in solids)	Seminar	Oestreich / Haug / Hübner / Pfnür / Ding	3
Seminar Superstring Theory	Seminar	Lechtenfeld	3
Seminar Betrug und Irrtum in der Physik und Naturwissenschaft	Seminar	Lechtenfeld / Werner	3
Proseminar Theoretische Physik II (Proseminar theoretical physics II)	Seminar	Dhar	3
Quantum Information Theory	Seminar	Osborne / Werner	3
Seminar Information geometry	Seminar	Osborne /Beer	3
Proseminar Grundlagen der Biophotonik (Proseminar Foundations of biophotonics)	Seminar	Roth / Morgner	3

Seminar Numerische Optik/Numerical optics	Seminar	Demircan / Babushkin / Melchert	3
Seminar Grundlagen der Lasermedizin und Biophotonik (Seminar Foundations of laser medicine and biophotonics)	Seminar	Lubatschowski / Heisterkamp	3
Proseminar Physik präsentieren - Optik mit Licht- und Materiewellen (Proseminar Presenting Physics - Optics with light and matter waves)	Seminar	Rasel / S. Ospelkaus / C. Ospelkaus / Klempt	3
Seminar Junior Journal Club für MSc Studierende (Seminar Junior Journal Club for MSc students)	Seminar	Rasel / S. Ospelkaus / C. Ospelkaus / Klempt	3
Seminar Optik auf Femto- und Attosekunden-Zeitskalen	Seminar	Kovacev / Morgner	3
Seminar Quantenlogik mit gefangenen Ionen	Seminar	Schmidt	3
Seminar Photonik (Seminar photonics)	Seminar	Chichkov	2
Seminar Nanoengineering	Seminar	Chichkov	3
Seminar Journal Club Biomedical	Seminar	Heisterkamp	3
Seminar Wissenschaftliche Datenverarbeitung und Netzwerkadministration	Seminar	C. Ospelkaus	3
Seminar Journal Club Ultrakalte Moleküle	Seminar	S. Ospelkaus	3
Publication Club (PubClub) „Entanglement in atomic systems“	Seminar	Klempt	3
Seminar Aktuelle Probleme der Nanophysik (Current problems of nanophysics)	Seminar	Pfnür	3
Proseminar Physik präsentieren in der Gravitationsphysik (Proseminar Presenting Physics in gravitational physics)	Seminar	Lück / Heurs / Danzmann / Willke / Heinzel	3
Seminar Gravitationsphysik (Seminar Gravitational physics)	Seminar	Lück / Heurs / Danzmann / Willke / Heinzel	3
Seminar Integrated quantum optics	Seminar	Kues	3
Seminar Nanotechnologie (Seminar Nanotechnology)	Seminar	Pfnür / Schulze-Wischeler / Caro / Bigall / Osten / Wurz	3
Proseminar Physik präsentieren (Proseminar Presenting Physics)	Seminar	Brendel	3
Seminar Semiconductor Physics	Seminar	Hübner	3
Seminar Aktuelle Themen der Quantenoptik (Current problems of quantum optics)	Seminar	Mahmoodian	3
Seminar Quantum Optics meets Quantum Information	Seminar	Santos / Weimer	3
Laborpraktikum Optik am AEI (Laboratory internship at AEI)	Practical work		3 / 4
Laborpraktikum Atom- und Molekülphysik am Institut für Quantenoptik (Laboratory internship)	Practical work	S. Ospelkaus / Klempt	3

Atomic and molecular physics at the institute of quantum optics)			
Laborpraktikum Data Analysis (Laboratory internship Data Analysis)	Practical work	Allen	
Laborpraktikum Laserinterferometrie (Laboratory internship Laser interferometry)	Practical work		4
Laborpraktikum Festkörper-Laserspektroskopie (Laboratory internship Solid-state laser spectroscopy)	Practical work	Hübner	4
Laborpraktikum Growth and Characterization of Nanostructures (Laboratory internship Growth and Characterization of Nanostructures)	Practical work	Ding	
Laborpraktikum Nanomaterials in energy storage devices (Laboratory internship Nanomaterials in energy storage devices)	Practical work	Zhang	
Laborpraktikum Optical characterization of nanostructures (Laboratory internship Optical characterization of nanostructures)	Practical work	Ding	
Optische Informationsübertragung	Practical work	Roth	

# Faculty of Mechanical Engineering

## Mechanical Engineering

### Winter Term 2019/20

Title/Module	Type	Lecturer/Persons in charge	ECTS
Advanced English for Mechanical and Electrical Engineers		Tidy	3
Analysis of deformation measurements		Neumann	3
Applied elasticity theory in the aviation		Jacob	5
Aspects of Process Design in Forming Technology		Behrens Krimm	5
Audio and Speech Signal Processing		Nogueira-Vazquez	5
Automotive Lighting		Wallascheck/ Lachmayer	5
Combustion Technology		Kuppa	5
Combustion Technology		Dinkelacker	5
Computing Systems		Potekhin	5
Continuum Mechanics I		Aldakheel	5
Data Mining II		Ntoutsis	4
Distributed Databases		Malykhina	7
Electrical Drives: Small Electric Motors and Servo Drives		Ebrahimi	5
Engineering Dynamics and Vibrations		Wallascheck/ Wangenheim	5
Finite Elements I		Marino	5
Fundamentals and Configuration of Laser Beam Sources		Overmeyer	5
Image Analysis I		Rottensteiner	5
Image Analysis II		Rottensteiner	5
Intelligent Systems		Yarotskiy	3
Internet GIS		Sester	5
Knowledge Engineering and Knowledge Management		Kudryavtsev	4
Cryoengineering and Cryobiology		Glasmacher/ Kabelac	5
Laserspektroskopie in Life Science		Roth	5
Methods of Optimisation and Decision Making		Rodionova	4
Micro- and Nanosystems		Wurz	5
Modern Problems of Computers and Information Science		Rodionova	4
MOOC Aircraft Engines		Herbst	3
Neuroinformatics and Neurotechnologies		Shykodyrev	4
Nonlinear Control		Müller	5
Operations Management and Research I: Operations Research		Helber	5
Optical Measuring Technique		Reithmeier/ Rahlves	5
Optical Coatings		Ristau	5
Photogrammetric Computer Vision		Heipke	5
Photonics		N.N.	5
Power Technology		Friebe	?
Production of Optoelectronic Systems		Overmeyer	5
Recursive State Estimation for dynamic Systems		Alkhatib	5



Scientific and Research Work		Shkodyrev	6,5
Scientific Research Work: Mechatronics Lessons		Ortmaier	5
Software Development Technology		Chernosvitov	5
Spray Technology		Kawaharada	3

### Summer Term 2020

Title/Module	Type	Lecturer/Persons in charge	ECTS
Advanced English for Mechanical and Electrical Engineers		Tidy	3
Advanced Thermodynamics / ThermoLab		Kabelac	5
Biointerface Engineering		Glasmacher	5
Biomedical Engineering for Engineers II		Glasmacher	5
Biophotonics – Imaging Physics and Manipulation of Biological Cells		Heisterkamp	5
Cognitive Multiagent Systems		Kapralov	5
Continuum Mechanics II		Aldakheel	5
Design and Simulation of optomechatronic Systems		Lachmayer Wolf	5
Development of FEM codes via automated computational modelling		Soleimani	1
Solid State Lasers		Weßels	2
Finite Elements II		Marino/ Soleimani	5
History and Methodology of Informatics and Computer Science		Malykhina	2,5
Industrial surveying		Neumann	5
Intelligent Computing		Kuchmin	7
Intelligent Control Systems		Kapralov	8,5
International Design Project		Tidy	3
Laser Material Processing		Overmeyer	5
Laser Measurement Technology		Roth	5
Mathematical Modelling and Simulation		Senichenkov	5
Mechanics of Advanced Materials		Marino	5
Model Predictive Control		Müller	5
MOOC Aircraft Engines		Herbst	3
Nonlinear Optics		Morgner	5
Numerical Implementation of Constitutive Models		Aldakheel	1
Performance Analysis I: Stochastic Models in Production and Logistics		Helber	5
Power Plant Engineering		Scharf	5
Scientific and Research Work		Shkodyrev	6,5
Scientific Research Work: Mechatronics Lessons		Ortmaier	5
Ultrashort laser pulses		N.N.	4

# Faculty of Natural Sciences

## Chemistry

Winter Term 2019/20 and Summer Term 2020

	Modul	ECTS	Sprache	Semesterlage		Lehrveranstaltung	Art	SWS	Sprache	
				WiSe	SoSe					
Allgemeine Pflichtmodule	Masterarbeit mit Vortrag	60 LP	d/e	x	x	Masterarbeit mit Vortrag	experimentelle + schriftliche Arbeit	-	d/e	
Pflichtmodule im Schwerpunkt „Material- und Nanochemie“  zugleich  Wahlpflichtmodule der Study Line „Generelle Chemie“	Aktuelle Aspekte der Materialchemie	6 LP	d/e	x	x	Industrielle Materialchemie	Vorlesung	1	d/e	
						Aktuelle Ergebnisse aus der Materialchemie	Seminar	1	d/e	
						Entwicklung eines Forschungsprojekts	Seminar	2	d/e	
	Physikalische Materialchemie	10 LP	d/e			x	Physikalische Chemie von Festkörpern und Nanosystemen	Vorlesung	3	d
							Physikalische Chemie von Festkörpern und Nanosystemen	Theoretische Übung	1	d
							Funktionsprinzipien ausgewählter Festkörpermaterialien	Vorlesung	2	d
							Funktionsprinzipien ausgewählter Festkörpermaterialien	Experimentelles Seminar	2	d/e
Materialorientiertes Forschungspraktikum 1 anorganisch-chemische Materialchemie	8 LP	d/e	x	x	Forschungspraktikum in der materialorientierten Chemie	Experimentelles Seminar	10	d/e		

	Modul	ECTS	Sprache	Semesterlage		Lehrveranstaltung	Art	SWS	Sprache	
				WiSe	SoSe					
	Materialorientiertes Forschungspraktikum 2 physikalisch-chemische Materialchemie	8 LP	d/e	x	x	Forschungspraktikum in der materialorientierten Chemie	Experimentelles Seminar	10	d/e	
Pflichtmodule im Schwerpunkt Wirk- und Naturstoffchemie  zugleich  Wahlpflichtmodule der „Study Line“ Generelle Chemie	Aktuelle Aspekte der Natur- und Wirkstoffchemie	6 LP	d/e	x	x	Entwicklung eines Forschungsprojektes	Seminar	1	d/e	
						Aktuelle Ergebnisse aus der Natur- und Wirkstoffchemie	Seminar		d/e	
						Industrielle Wirkstoffchemie 1	Vorlesung	2	d	
						Industrielle Wirkstoffchemie 2	Vorlesung		d	
	Biosynthesen und Prozesstechnik	10 LP	d/e			x	Biogenese von Naturstoffen	Vorlesung	2	d
							Biogenese von Naturstoffen	Theoretische Übung	1	d
							Biogenese von Naturstoffen	Experimentelles Seminar	3	d/e
							Bioreaktionstechnik und Prozessregelung	Vorlesung	2	d
							Bioreaktionstechnik und Prozessregelung	Experimentelles Seminar	2	d
	Naturstoff- und Bioanalytik	6 LP	d/e			x	Naturstoff- und Bioanalytik	Vorlesung	3	d/e (häufig)
Naturstoff- und Bioanalytik							Theoretische Übung	1	d/e (häufig)	
Naturstoff- und Bioanalytik							Experimentelles Seminar	3	d/e	
	Forschungspraktikum 1 organisch-chemische	8 LP	d/e	x	x	Forschungspraktikum in der Wirk- und Naturstoffchemie	Experimentelles Seminar	10	d/e	

	Wirk- und Naturstoffchemie								
	Forschungspraktikum 2 technisch-chemische Wirk- und Naturstoffchemie	8 LP	d/e	x	x	Forschungspraktikum in der Wirk- und Naturstoffchemie	Experimentelles Seminar	10	d/e
Allgemeine Wahlpflicht- module	Computational Bio- organic Chemistry	8 LP	e	x		Computational Bio-Organic Chemistry	Vorlesung	3	e
						Computational Bio-Organic Chemistry	Theoretische Übung	4	e
	Funktionale Nanostrukturen	4 LP	d/e	x		Funktionale Nanostrukturen	Seminar	2	d/e
						Funktionale Nanostrukturen	Theoretische Übung	1	d/e
	Klassiker in der Naturstoffsynthese gestern und heute	4 LP	d/e	x		Klassiker in der Naturstoffsynthese gestern	Vorlesung	1	d/e
						Klassiker in der Naturstoffsynthese heute	Seminar	1	d/e
						Klassiker in der Naturstoffsynthese gestern und heute	Theoretische Übung	1	d/e
	Kolloide und Nanoteilchen	4 LP	d/e		x	Kolloide und Nanoteilchen	Vorlesung	2	d
						Kolloide und Nanoteilchen	Experimentelles Seminar	2	d/e
	NMR for Biopolymers	8 LP	e	x		NMR for Biopolymers	Vorlesung	3	e
						NMR for Biopolymers	Theoretische Übung	4	e
	Selforganization in Chemistry	4 LP	e	x		Selforganization in Chemistry	Vorlesung	2	e
						Selforganization in Chemistry	Theoretische Übung	1	e

## Earth Sciences (Geowissenschaften) (Master)

Winter Term 2019/20 and Summer Term 2020\*

Title/Module	Type	Lecturer/Persons in charge	ECTS
MM-4 Experimental geochemistry		N.N.	7
MM-5 Isotope geochemistry and mass spectrometry		N.N.	9
MM-6 Transport processes in solids, liquids, and gases		N.N.	5
MM-7 Geodynamics of mid-ocean ridge systems		N.N.	6
MM-8 Properties of glasses and melts		N.N.	5
MM-16 Mineral resources		N.N.	8
MM-19 Analytical methods of isotope geochemistry		N.N.	6
Ex-M Excursion with focus on Mineralogy /Geochemistry of rocks		N.N.	5
M P-1 Individual project: field work and mapping (with focus on Mineralogy /Geochemistry)		N.N.	7
M P-2 Individual project: field work and analysis of rock samples (with focus on Mineralogy /Geochemistry)		N.N.	7
M P-3 Individual project: analytical work (with focus on Mineralogy /Geochemistry)		N.N.	7
M P-4 Individual project: literature work and on a specific topic (with focus on Mineralogy /Geochemistry)		N.N.	7

\* For more information, please visit the online directory.

## Economic Geography (Master of Arts)

Winter Term 2019/20

Title/Module	Type	Lecturer/Persons in charge	ECTS
Studyproject in Economic Geography*		N.N.	10
Structures and Processes in Economic Geography*		N.N.	5
Socio-Economic Aspects of Development		N.N.	3
International Seminar in Economic Geography		Faggian	5

\*These courses are offered in English on demand. Interested students need to give a two-month notice before the start of the semester.

Title/Module – Physical Geography	Type	Lecturer/Persons in charge	ECTS
M II-14 Geo-Ecosystems		N.N.	6
MIII-9 Environmental Data analysrs and Modelling		N.N.	6

### Summer Term 2020

Title/Module	Type	Lecturer/Persons in charge	ECTS
Methods in Economic Geography		N.N.	10
International Seminar in Economic Geography		N.N.	5

Title/Module – Economics and Business Administration	Type	Lecturer/Persons in charge	ECTS
Population Economics		N.N.	5
Labor and Development		N.N.	5
Global Food Security		N.N.	5
Development Economics Seminar		N.N.	5
International Competitiveness		N.N.	5
Introduction to the Economics of Developing Countries		N.N.	5

Additional courses offered in English:

[https://www.uni-hannover.de/fileadmin/Internationales/doku/Engl.\\_Lehrveranstaltungen\\_2019-20.pdf](https://www.uni-hannover.de/fileadmin/Internationales/doku/Engl._Lehrveranstaltungen_2019-20.pdf)

### Landscape Sciences, Master

#### Winter Term 2019/20

Title/Module	Type	Lecturer/Persons in charge	ECTS
Hydrological Modelling		N.N.	6
Landscape System Analysis Northern Finland Teil 1		N.N.	9 (with part 2)
Introduction to Python-Scripting with ArcGIS		N.N.	6
Special Topics in Water Resources Management		N.N.	6
Special Topics in Water Resources Management		N.N.	9

#### Summer Term 2020

Title/Module	Type	Lecturer/Persons in charge	ECTS
Landscape System Analysis Northern Finland Teil 2		N.N.	9 (with part 1)
Japanese / German Summer School: Subjects of integrative landscape sciences planned		N.N.	9

## International Horticulture (Master)

Winter Term 2019/20

Summer Term 2020

### Meteorology

Winter Term 2019/20

Title/Module	Type	Lecturer/Persons in charge	ECTS
Remote Sensing I	Lecture/ Exercise	Melsheimer	4
Turbulence II	Lecture/ Exercise	Raasch	4

Summer Term 2020

Title/Module	Type	Lecturer/Persons in charge	ECTS
Remote Sensing II	Lecture/ Exercise	Melsheimer	4
Simulation of turbulent flows with LES models	Lecture/Exercise	Raasch	4
Numerical laboratory of turbulent flows with LES-Models	Numerical laboratory	Raasch	4

### Molecular Microbiology

Winter Term 2019/20

Title/Module	Type	Lecturer/Persons in charge	ECTS
Microbial Chemistry – Secondary metabolites, their biogenesis and engineering		N.N.	6
NMR-Spectroscopy		N.N.	5
Modern methods of molecular- and cell-biology		N.N.	1
Molecular Microbiology		N.N.	1
Environmental Microbiology		N.N.	1
Current questions in environmental microbiology (scientific discussions)		N.N.	1

Summer Term 2020

Title/Module	Type	Lecturer/Persons in charge	ECTS
Spezielle Methoden der Umweltmikrobiologie		N.N.	1
Biomolecular chromatography		N.N.	6
Current questions in environmental microbiology (scientific discussions)		N.N.	1
Applied and Environmental Microbiology		N.N.	1