

English Taught Courses

Winter term (2024/25)

(Please note: The below mentioned courses are offered in winter term 24-25. It cannot be guaranteed that the same courses will be offered in the following year.)

Some general information:

- At the University of Kassel exchange students are welcome to choose courses outside their faculty.
- There are also courses taught in German which are supplemented by materials in English.
- In many cases it is possible to take the exam in English even if the course is taught in German.
- You may take Master level courses even as a Bachelor student. However, you must ask the professor of the course you wish to take beforehand.

Faculty of Human Sciences (01)

Course Title	Type of Course	Duration / interval	Level
Advanced Seminar Differential and Personality Psychology - Course C-	Seminar	2 hours weekly	Undergraduate/ Graduate
Resilient Practices: Global Social Work with Vulnerable Children and Families	Seminar	2 hours weekly	Undergraduate/ Graduate
Selected topics of developmental psychology -Course B	Seminar (Vertiefungsseminar)	2 hours weekly	Undergraduate/ Graduate
Selected Topics of Developmental Psychology -Course C	Seminar	2 hours weekly	Undergraduate/ Graduate

Faculty of Humanities (02)

At the Faculty of Humanities exchange students can receive either 5 ECTS for active participation (might include a presentation and smaller essays) or 10 credits for active participation and a written or oral exam.

Course Title	Type of Course	Duration / interval	Level
<u>Advanced research colloquium</u>	Discussion	2 hours weekly	Undergraduate/ Graduate
<u>CLIL for EFL teachers</u>	block seminar	2 hours weekly	Graduate
<u>Dance, Performance, Literature</u>	advanced seminar	2 hours weekly	Graduate
<u>Developing and assessing language skills in the EFL primary classroom</u>	introductory seminar	2 hours weekly	Graduate
<u>"Democratic Vistas"? American Literature 1800-1865</u>	Lecture	2 hours weekly	Graduate
<u>Englisch 1 Grammar and Essay Writing</u>	Exercise Course	2 hours weekly	Graduate
<u>Englisch 1 Grammar and Essay Writing</u>	Exercise Course	2 hours weekly	Graduate
<u>English 2: Spoken English</u>	Exercise Course	2 hours weekly	Graduate
<u>English 2: Spoken English and AI tools for language learning</u>	Exercise Course	2 hours weekly	Graduate
<u>English 2: Spoken English and Creative Writing</u>	Exercise Course	2 hours weekly	Graduate

English 3: Essay Writing	Exercise Course	2 hours weekly	Graduate
English 3: Essay Writing and Translation	Exercise Course	2 hours weekly	Graduate
English 3: Reading Comprehension and Essay Writing	Exercise Course	2 hours weekly	Graduate
English 3: Translation	Exercise Course	2 hours weekly	Graduate
Exam Colloquium	discussion	2 hours weekly	Graduate
English Nr. ?	Exercise Course	2 hours weekly	Graduate
Examens- und Forschungskolloquium	Online synchron	2 hours weekly	Graduate
First Nations Linguistics	introductory / advanced seminar	2 hours weekly	Undergraduate/ Graduate
Foreign Language Learning Difficulties and Disabilities	Advanced Seminar	2 hours weekly	Graduate
Form and Meaning in English: Approaches to the Syntax-Semantics Interface	introductory seminar	2 hours weekly	Graduate
History, Memory, Identity: The Fiction of Kazuo Ishiguro	introductory seminar	2 hours weekly	Graduate
History of the Novel (GB), part II	lecture	2 hours weekly	Graduate
Intermediality	Advanced Seminar	2 hours weekly	Graduate
Introduction to 19th Century American Short Fiction [GLS]	introductory seminar	2 hours weekly	Graduate

Introduction to EFL learning and teaching	Orientation + Exercise Course	2 hours weekly	Graduate
Introduction to British and American Literatures	Orientation + Exercise Course	2 hours weekly	Graduate
Introduction to Linguistics	Orientierungskurs + Tutorien	2 hours weekly	Undergraduate/ Graduate
Introduction to Multilingualism and CLIL	introductory seminar	2 hours weekly	Graduate
Key Texts: History of the Novel (GB), part II	Exercise Course	2 hours weekly	Graduate
Key Texts in American Literature 1800-1865	Exercise Course	2 hours weekly	Graduate
Language Processing in Bilinguals	Advanced Seminar	2 hours weekly	Undergraduate/ Graduate
Linguistics in Focus	discussion	2 hours weekly	Graduate
Masters Research Colloquium in Literature	discussion	?hours weekly	Graduate
Meaning in action: Exploring the semantics-pragmatics interface	Advanced Seminar	2 hours weekly	Undergraduate/ Graduate
Melville and His Time	Advanced Seminar	2 hours weekly	Graduate
Native American Fiction	introductory seminar	2 hours weekly	Graduate
Masters Research Colloquium in Literature	discussion	2 hours weekly	Graduate
Meaning in action: Exploring the semantics-pragmatics interface	Advanced Seminar	2 hours weekly	Undergraduate/ Graduate

<u>Of Spectres, Monsters, and Doppelgängers: Introduction to Gothic Literature</u>	introductory seminar	2 hours weekly	Graduate
<u>Psycholinguistics: Linguistic Theory Meets Empirical Data</u>	introductory seminar	2 hours weekly	Graduate
<u>Schulpraktische Studien (SPS) Englisch II</u>	SPS-Begleitveranstaltung	2 hours weekly	Graduate
<u>Schulpraktische Studien (SPS) Englisch II für L1</u>	SPS-Begleitveranstaltung	2 hours weekly	Graduate
<u>Shakespeare: Adaptations</u>	introductory seminar	2 hours weekly	Graduate
<u>Sprache – Kognition – Kultur / Language – Cognition</u>	Advanced Seminar	2 hours weekly	Undergraduate/ Graduate
<u>Sprache – Kognition – Kultur / Language – Cognition – Culture</u>	Advanced Seminar	2 hours weekly	Undergraduate/ Graduate
<u>The Feminist Utopia: Sustainability, Resilience, Societal Designs</u>	Advanced Seminar	2 hours weekly	Graduate
<u>The Petrarch Matrix: Engaging with textual mysteries</u>	exercise course	2 hours weekly	Undergraduate/ Graduate
<u>Third Language Acquisition</u>	Advanced Seminar	2 hours weekly	Graduate
<u>Wittgenstein as a linguist</u>	Advanced Seminar	2 hours weekly	Undergraduate/ Graduate

Faculty of Social Sciences (05)

There are two English Master programmes you can look up while looking for English taught courses, namely:

- Global Political Economy and Development
- Labour Policies and Globalisation

Please keep in mind that those are Master level courses and double check whether you have the necessary level to take these courses. If you are a BA student and are planning to take MA level classes, make sure to contact the professors beforehand to inform them about your intentions.

Course Title	Type of Course	Duration / interval	Level
Experimental publics: artful thinking in the age of polycrisis	Blockseminar mit Einführungssitzung	?hours weekly	Graduate
Aktuelle Forschung (Eng/DE)	block course	?hours weekly	undergraduate/graduate
Contemporary intellectual thoughts in China	Seminar	?hours weekly	undergraduate/graduate
Foundations of GPED GPN 3023	Seminar	?hours weekly	Ausaush/Graduate
From Colonialism to Globalisation	Tutorial	?hours weekly	Graduate
Gender and Politics	Seminar	?hours weekly	Ausaush/Graduate
Governance of the World Markets/Globalisation	Lecture	?hours weekly	Ausaush/Graduate
Global Sexual Politics? Re- and Deconstructing LGBTIQ+ Politics	block seminar	?hours weekly	Graduate
Governance of the World Markets/Globalisation	Seminar	?hours weekly	Ausaush/Graduate

Historical Film	block course	?hours weekly	undergraduate/graduate
Introduction to Labour Studies	Seminar	?hours weekly	undergraduate/graduate
Knowledge, Beliefs, Doubts. An Introduction to the Sociology of	Seminar	?hours weekly	undergraduate/graduate
LPG Governance of Globalisation	Tutorial	?hours weekly	Ausaush/Graduate
Non-human agency. Environmental and animal history perspective	Seminar	?hours weekly	Graduate
One World Seminar	Seminar	?hours weekly	Austauschstudium
Postcolonial Political Economy	Seminar	?hours weekly	Ausaush/Graduate
Religion and Socioecological Movements (EN/DE)	Seminar	?hours weekly	Graduate
Post-globalization and post-liberalism	Seminar	?hours weekly	undergraduate/graduate
Social policies for a better society? How family policies (sometimes)	Seminar	?hours weekly	undergraduate/graduate
The Sixties in GB and the US	Seminar	?hours weekly	undergraduate/graduate
The United States in the Civil War Era	lecture	?hours weekly	undergraduate/graduate
Towards a Digital Humanity? The Transhumanist Movement	Seminar	?hours weekly	Graduate
Trade Union Strategies	Seminar	?hours weekly	Ausaush/Graduate
World War I from a British-American perspective	Seminar	?hours weekly	undergraduate/graduate

Vertiefungsseminar zur Politischen Theorie

Seminar

?hours
weekly

undergraduate/grad
uate

**Faculty of Architecture, Landscape Planning and Urban
Planning (06)**

Course title	Type of course	Duration/ interval	level
Climate Sensitive Design - FORMA	Seminar	4 hours weekly	Undergraduate/ Graduate
Exkursion nach Kuba	Seminar	?hours weekly	Undergraduate/ Graduate
Masterthesis Preparation (Eng/D)	Seminar	2 hours weekly	Graduate
Land: Markets, Planning, and Architectures of the Countryside	Seminar	4 hours weekly	Undergraduate/ Graduate
Masterthesis Preparation (Eng/D)	Seminar	2hours weekly	Graduate
Computational Design 1 (DE/EN)	Seminar	4 hours weekly	Undergraduate/ Graduate
Rural School Studio:LAB (Eng/DE)	project	8 hours weekly	Undergraduate/ Graduate
Mass Housing: A Contested History	Seminar	2 hours weekly	Undergraduate/ Graduate
Digitales Entwerfen: Modular Design in Virtual Reality (DE/ENG)	seminar	4hours weekly	Undergraduate/ Graduate
Green Infrastructure for cool cities	Seminar	2 hours weekly	Undergraduate/ Graduate
Infrastructures and Cities	Seminar	4hours weekly	Undergraduate/ Graduate

<u>EDEK Research Studio (D/Eng)</u>	project	8 hours weekly	Undergraduate/ Graduate
<u>Inclusive Räume und Region (De/EN)</u>	Seminar	4hours weekly	Undergraduate/ Graduate
<u>Partisan Design Camp - Berlin 2024</u>	block seminar	2 hours weekly	Undergraduate/ Graduate

Faculty of Economics and Management (07)

At the Faculty of Economics and Management students usually receive 3 to 6 ECTS for active

Course title	Type of course	Duration/	level
Advanced Strategies in Demarketing Indirect Water Consumption:	Seminar	4 hours weekly	Graduate
Academic Writing for Economics	Seminar	4 hours weekly	Graduate
Advanced in Sustainable Marketing	Seminar	4 hours weekly	Graduate
Business Theory and Sustainability	Seminar	4 hours weekly	Graduate
Behavioral Economics meets the Public Sector	Seminar	2 hours weekly	graduate
Cases of Digital Transformation	Blockseminar mit	4 hours weekly	Graduate
Circular Supply Chain Management	lecture / seminar	4 hours weekly	Graduate
Decision Support Tools in Sustainability Management	Seminar	4 hours weekly	Graduate
Distribution and Pricing in the Internet Age	Seminar	4 hours weekly	Graduate
Digital and Sustainable Transformation of Supply Chain	Lecture / Seminar	4 hours weekly	Graduate
Environmental Economics	Lecture	4 hours weekly	Graduate
Economics of Science and Technology	Seminar	4 hours weekly	Graduate
EMBS Research Methods	Seminar	4 hours weekly	Graduate
European Economics	Lecture	2 hours weekly	Graduate
Evidence-Based Economic Policy	Lecture	4 hours weekly	Graduate
Field Experiments in Economics	Lecture	4 hours weekly	Graduate
Forecasting	Lecture	4 hours weekly	Graduate
IB2 - Legal and Business English	Seminar	2hours weekly	undergraduate/Graduate
Implications of meaningful work on sustainability	Seminar	2 hours weekly	Graduate
Intermediate Macroeconomics	Lecture	4 hours weekly	Graduate
Intermediate Public Economics	Lecture/Exercise Course	4 hours weekly	Graduate
International Strategy Simulation	excursion / seminar	4 hours weekly	undergraduate/Graduate
Introduction to Demarketing Indirect Water Consumption: Motivations and Emerging Trends	Lecture	?hours weekly	Undergraduate
Introduction to Game Theory	Lecture	4 hours weekly	Graduate

Introduction to Research in Information Systems: Systematic Literature Analysis	Seminar	4 hours weekly	?
Machine Learning in the Context of Digital Transformation	Blockseminar mit Einführungssitzung	? hours weekly	graduate
Managing diversity, equity and inclusion	Seminar	4 hours weekly	graduate
Microeconometrics	lecture with tutorial	4 hours weekly	graduate
Microeconomics Using Calculus	lecture/exercise course	2 hours weekly	graduate
Prompt Engineering: Innovation Through Generative AI	Besprechung	4 hours weekly	Graduate
Psychology of Sustainability	lecture / seminar	4 hours weekly	Graduate
Public Economics	lecture/exercise course	4 hours weekly	Graduate
R11 - Anglo-American Law	Lecture	2 hours weekly	undergraduate/Graduate
Research Methods for Business	Lecture	4 hours weekly	Graduate
Risk Management	Lecture	4 hours weekly	Graduate
Seminar Macro and Policy	Seminar	4 hours weekly	Graduate
Spatial Econometrics	Lecture / Exercise	4 hours weekly	Graduate
Supply Chain Management	Lecture / Seminar	4 hours weekly	Graduate
Supply Management	Lecture / Seminar	4 hours weekly	Undergraduate
The Economics of Growth	Lecture	4 hours weekly	Graduate

Faculty of Mathematics and Natural Sciences (10)

Course Title	Type of Course	Duration / interval	Level
Advances in Theoretical Physics at the Nanoscale	Seminar	2 hours weekly	Graduate
Angewandte Biotechnologie / Applied Biotechnology	Lecture	weekly	Undergraduate/ Graduate
Biochemistry II (Biochemie II)	Lecture	2 hours weekly	Undergraduate/ Graduate
Biochemistry II (Biochemie II)	Seminar	1 hour weekly	Undergraduate/ Graduate
Bioinformatische Methoden der Biotechnologie / Bioinformatic methods of biotechnology	Seminar	weekly	Graduate
Biologisches Kolloquium mit Gastvorträgen	Discussion	2 hours weekly	Graduate
Excercises in Quantum Mechanics II	exercise course	2 hours weekly	Graduate
Fachliche Spezialisierung	Besprechung	? hours weekly	Graduate
Exercises on Statistical Physics II	Exercise	1hours weekly	Graduate
Functional Thin Films/Dünnschichtphysik	Lecture	? hours weekly	Graduate
Lab Course Advanced Synthetic Chemistry	practical	7 hours weekly	Graduate
Lab Course Nanophysics	practical	? hours weekly	Graduate
Lecture Applied Physical Chemistry	lecture	? hours weekly	Graduate
Maß- und Wahrscheinlichkeitstheorie	Lecture	4 hours weekly	Undergraduate/ Graduate

Methodenkenntnis und Projektplanung	miscellaneous	? hours weekly	Graduate
Molecular Physics and Spectroscopy I (Molekülphysik und Spektroskopie I)	lecture	? hours weekly	Graduate
Methods of Nanostructure Analysis (Fortgeschrittene Methoden der Nanostrukturanalyse)	Lecture series	t.b.d.	Graduate
MScNano LAP Research Internship Laboratory Astrophysics	Meeting	? hours weekly	Graduate
MScNano LAP Research Internship Laboratory Astrophysics	Studienleistung	? hours weekly	Graduate
Nanobiology I (Nanostrukturen aus biologischer Sicht I)	Lecture	2 hours weekly	Graduate
Nanochemistry I	Lecture	3 hours weekly	Graduate
Nanophysics I Exercises	exercise course	1 hours weekly	Graduate
Nanophysics I (Nanostrukturen aus physikalischer Sicht I)	Lecture	3 hours weekly	Graduate
Nanoscale Quantum Optics I – Basic principles	Lecture / Seminar	4 hours weekly	Graduate
Nanoscale Quantum Optics I – Basic principles - Participation	Studienleistung	4 hours weekly	Graduate
Numerik gewöhnlicher Differentialgleichungen	lecture	4 hours weekly	Undergraduate/ Graduate
PMP2 Experimental Physics Seminar – Nanophysics and Quantumoptics	Seminar	2 hours weekly	Graduate
Quantum Mechanics II	Lecture	4 hours weekly	Graduate
Ring lecture of the Research Training Network Multiscale Clo	cycle of lectures	1 hour weekly	Graduate
Statistical Physics II	lecture	3 hours weekly	Graduate

<u>Seminar Applied Physical Chemistry</u>	Seminar	? hours weekly	Graduate
<u>Seminar Advanced Synthetic Chemistry (Seminar Synthesechemie II)</u>	Seminar	t.b.d.	Graduate
<u>Spezielle Aspekte der Entwicklungsgenetik (Modul W7)</u>	Seminar	? Hour weekly	Graduate
<u>Theorieseminar für Studierende: Journal Club</u>	Seminar	? hours weekly	Graduate
<u>Übungen zu Numerik gewöhnlicher Differentialgleichungen</u>	Exercise course	2 hours weekly	Undergraduate/ Graduate
<u>Übungen zu Maß- und Wahrscheinlichkeitstheorie</u>	Exercise course	2 hours weekly	Undergraduate/ Graduate
<u>Vorlesung zum Profilmodul Entwicklungsgenetik</u>	Lecture	2 hours weekly	Undergraduate/Gr aduate

Faculty of Organic Agricultural Sciences (11)

At the Faculty of Organic Agricultural Sciences students usually receive 6 ECTS for active **participation** (might include a presentation and smaller essays) and a written or oral exam.

Most courses you find here are from the English Master programme International Food Business and Consumer Studies and Sustainable Agricultural Studies

Course title	Type of course	Duration/ interval	Level
Agricultural English	Sprachkurs	2 hours weekly	Graduate
Agrobiodiversity and plant genetic resources in the tropics	lecture	4 hours weekly	Graduate
Applied statistical modelling	exam	4 hours weekly	Graduate
Climate change governance	seminar	4 hours weekly	?
Consumer behaviour and consumer science	seminar	4 hours weekly	Graduate
Critical and collective perspectives on the global food system	seminar	4 hours weekly	Graduate
Digital transformation in the food sector	seminar	4 hours weekly	Graduate
Digitalization in agriculture	seminar	4 hours weekly	Graduate
Food processing	seminar	4 hours weekly	Graduate
Food systems governance and agriculture	seminar	4 hours weekly	Graduate
GIS and remote sensing in agriculture	lecture	4 hours weekly	Graduate
IFBC Applied project work	project	? Hours weekly	Graduate

Intercultural communication	seminar with exercise courses	1 hours weekly	?
Innovation management in the food sector	seminar	4 hours weekly	Graduate
International landuse systems research	Excursion	4 hours weekly	Graduate
One health: human, animal and environmental interactions	seminar	4 hours weekly	Graduate
	seminar	4 hours weekly	Graduate
Management and management accounting			
International organic food markets and marketing	lecture	4 hours weekly	Graduate
Livestock nutrition and feed evaluation under (sub)tropical conditions	lecture	4 hours weekly	Graduate
Methods and advances in plant protection	lecture	4 hours weekly	Graduate
Organic agriculture in Europe	seminar	4 hours weekly	Graduate
Organic cropping systems under temperate and (sub)tropical conditions	lecture	4 hours weekly	Graduate
Participatory research methods for sustainability	seminar	4 hours weekly	Graduate
Programming and measurements in soil and agrohydrology	seminar	4 hours weekly	?
Principles of organic farming	seminar	4 hours weekly	Graduate
Quality management and certification for organic foods	seminar	4 hours weekly	Graduate
Research Methods and data science in the life sciences	seminar	4 hours weekly	Graduate
Research methods in social science	seminar	4 hours weekly	Graduate
Soil and plant science	Lecture	4 hours weekly	Graduate

Soil-plant interactions	block seminar	4 hours weekly	Graduate
Scientific Working & publishing	seminar	2 hours weekly	Graduate
Sustainable? Development?	seminar	4 hours weekly	Graduate
Sustainable diets	seminar	4 hours weekly	Graduate
Sustainable food systems and management	seminar	4 hours weekly	Graduate
Water in the soil plant system	seminar with exercis	4 hours weekly	Graduate
Sustainable international agriculture	lecture	4 hours weekly	Graduate

Faculty of Mechanical Engineering and Mechatronics (15)

Course title	Type of course	Duration / interval	Level
Leichtmetalllegierungen (Light Alloys)	Lecture	2 hours weekly	Undergraduate/ Graduate
Strategic Project Management	Lecture	2 hours weekly	Undergraduate/ Graduate
Research Methods and Analytics in Project Studies	Lecture	2 hours weekly	Graduate
Sustainable Materials	Lecture	? hours weekly	Graduate
Projekt III: Ingenieure ohne Grenzen Challenge: Entwickl	project work	2 hours weekly	Undergraduate/ Graduate
Materials processing with ultrashort pulsed lasers	Lecture	4 hours weekly	Undergraduate/ Graduate

Faculty of Electrical Engineering and Computer Science (16)

At the Faculty of Electrical Engineering and Computer Science students usually receive 6 ECTS for active participation (might include a presentation and smaller essays) and a written or oral exam in the courses with at least 4 hours weekly).

Important: You may **NOT** take REMENA courses as it is a paid programm.

Course title	Type of course	Duration/ interval	Level
Ausgewählte Kapitel: Daten- und Graphenvisualisierung(EN/DE)	lecture/exercise course	4 hours weekly	Undergraduate/Graduate
Agent-Based Modelling Lab (DE/EN)	practical	?Hours weekly	Graduate
Advanced Fluid Mechanics	lecture/exercise course	3Hours weekly	Graduate
Applications of Combined Heating, Cooling & Power	lecture/exercise course	3Hours weekly	Graduate
Applied Heat Transfer	Lecture / Exercise Course	4 hours weekly	Undergraduate/Graduate
Aktuelle Forschung	lecture	2 hours weekly	Graduate
Bio Fuels	seminar	2	Graduate
Bauforschungslabor II (Vertical Studio)	project	4 hours per week	Graduate
Bachelorprojekt im Fachgebiet Regelungs- und Systemtheorie(DE/EN)	Lecture / Exercise Course	4 hours weekly	Graduate
Bachelorseminar im Fachgebiet Informationssicherheit: Seminar für Kryptograp	seminar	2 hours weekly	Undergraduate/Graduate

Adaptive and Predictive Control	Lecture	2 hours weekly	Graduate
Concentrated Solar Thermal Devices	Vorlesung mit Präsentation und	4 hours weekly	Graduate
Control of microgrids with high share of renewable energy	lecture with workgroups	2	Graduate
Conversion Processes	lecture/exercise course	5	Graduate
Current Topics in Electromagnetic Field Theory	project work	4	Graduate
Digital Communications I	Project Work	8 hours weekly	Undergraduate / Graduate
Digital Communications II	Project Work	4 hours weekly	Graduate
Digital Communication Over Fading Channels (lab)	project work	4 hours weekly	Graduate
Digital Communication Over Fading Channels	lecture with workgroups	2 hours weekly	Graduate
Digital Communications Project Work	lecture/exercise course	2 hours weekly	Graduate
Digital Communications Project Work	project work	4 Hours weekly	Graduate
Einführung in die Informationssicherheit (DE/EN)	Lecture / Exercise Course	4 hours weekly	Undergraduate / Graduate
Energy Storage	Lecture / Exercise Course	4 hours weekly	Graduate
Energy and Environmental Management Systems	Lecture	2 hours weekly	Graduate
Engineering Mathematics	lecture/exercise course	2 hours weekly	Graduate
Electromagnetics Project Work	lecture / seminar	2 hours weekly	Graduate
Energy and Environmental Context, Energy Transition and Sustainable Develop	lecture/exercise course	1 hour weekly	Graduate

Engineering Economics and Feasibility Studies for REEE	Lecture	3 hours weekly	Graduate
Engineering Thermodynamics	lecture/exercise course	4 hours weekly	Graduate
Environmental Issues and Managing the Effects (Global Climate Change)	Lecture / Exercise Course	4 hours weekly	Graduate
Digital Communications Project Work	Lecture / Exercise Course	2 hours weekly	Graduate
Fundamentals in Energy Efficiency	Lecture/Exercise Course	3 hours weekly	Undergraduate/Graduate
Forward Error Correction in Wireless Communications	Lecture/seminar	3 hours weekly	Graduate
Fluid Mechanics Fundamentals	Lecture/Exercise Course	3 hours weekly	Undergraduate/Graduate
Fluid Mechanics	practical	2 hours weekly	Graduate
Functional Safety in computer architectures	project	4 hours weekly	Graduate
German and Arab Language Courses Cairo	Lecture/Exercise Course	2 hours weekly	Graduate
Geothermal Resource Identification and Development	Lecture/Exercise Course	4 hours weekly	Graduate
Geothermal Applications	seminar	2 hours weekly	Graduate
Fields and Waves in optoelectronic Devices	Lecture/Exercise Course	3 hours weekly	Graduate
Heat Transfer	lecture / exercise course / p	4 hours weekly	Graduate
Hybrid and Networked Control Systems	lecture/exercise course	3 hours weekly	Graduate
Heat Transfer Fundamentals	Lecture/Exercise Course	2 hours weekly	Undergraduate/Graduate
Introduction to Digital Communications (lab)	Practical	2 hours weekly	Graduate

Internet and Systems Security	Lecture/Exercise Course	4 hours weekly	Graduate
Intelligent Information Systems(DE/EN)	practical	4 hours weekly	Undergraduate/Graduate
Introduction to MATLAB	Lecture/Exercise Course	4 hours weekly	Graduate
Introduction to LaTeX	Lecture	2 hours weekly	Graduate
Introduction to Information Theory & Coding (lab)	Lecture/Exercise Course	4 hours weekly	Graduate
Introduction to Information Retrieval	Lecture	2 hours weekly	Undergraduate/Graduate
Masterprojekt im Fachgebiet Informationssicherheit(DE/EN)	project	4 hours weekly	Graduate
Masterseminar im Fachgebiet Informationssicherheit: Seminar für Kryptographie	seminar	2 hours weekly	Graduate
Multimodal Machine Learning (DE/EN)	practical	4 hours weekly	Graduate
Machine Learning and Context Awareness 2	Practical	1 hour weekly	Graduate
Macroeconomic Aspects of RE	Practical	Practical	Graduate
Material Science	Lecture/Exercise Course	3 hours weekly	Undergraduate/Graduate
Matlab Fundamentals	Lecture/Exercise Course	3 hours weekly	Undergraduate/Graduate
Microwaves II	Seminar	2 hours weekly	Graduate
Microsystem Technology (lab)	Seminar	2 hours weekly	Graduate
Microsystem Technology (lab)	Lecture/Exercise Course	3 hours weekly	Graduate
Microwaves Project Work	Seminar	2 hours weekly	Graduate

Modeling of Safety Structure according to ISO Standard 2626-2	Practical	2 hours weekly	Graduate
Microwave Integrated Circuits I	Lecture	2 hours weekly	Graduate
Mobile Internet Project Work	Practical	2 hours weekly	Graduate
Medium Access Control (MAC) Protocols in Wireless Communications	Lecture/Exercise Course	4 hours weekly	Graduate
Mobile Radio	project	4 hours weekly	Graduate
Numerical Methods and Optimization	Lecture/Exercise Course	4 hours weekly	Graduate
Numerical Methods of Electromagnetic Field Theory I	lecture with workgroups	2 hours weekly	Graduate
Numerical Methods of Electromagnetic Field Theory I	Practical	2 hours weekly	Graduate
Nonlinear Control Systems	Practical	2 hours weekly	Undergraduate/Graduate
Optical Metrology lab training	project	4 hours weekly	Undergraduate/Graduate
Optimization Methods	Vorlesung / Übung / Seminar	?hours weekly	Graduate
Optoelectronics Project Work	Lecture/Exercise Course	4 hours weekly	Graduate
Power System Dynamics	Lecture	3 hours weekly	Graduate
Photovoltaic Devices	Lecture/seminar	2 hours weekly	Graduate
Praktikum Signalübertragung	Practical	2 hours weekly	Undergraduate/Graduate
Programming Languages and Techniques for Safety Systems	Lecture	2 hours weekly	Graduate
Projektarbeit Regelungs- und Steuerungstheorie	Lecture/Exercise Course	2 hours weekly	Graduate

Practical Training Microwave Integrated Circuits I	Lecture/Exercise Course	3 hours weekly	Graduate
Principles of Optical Metrology	Practical	1hours weekly	Graduate
Present Challenges in REEE	Lecture/Exercise	4 hours	Graduate
Process computing	Lecture/Exercise Course	3 hours weekly	Undergraduate/Graduate
Presentation and Moderation Techniques	Practical	2 hours	Graduate
Project Commissioning, Operation and Maintenance	Lecture/Exercise Course	3 hours weekly	Graduate
Project Management and Industrial Marketing	Lecture/seminar	2 hours	Graduate
Project Planning and Tendering	Seminar	2 hours	Graduate
PV Solar Energy Materials	Seminar	2 hours	Graduate
RF-Sensor Systems	Seminar	2 hours	Graduate
RF Sensor Systems Practical Training	Seminar	2 hours	Graduate
Safety Electronic Systems in Vehicles	project seminar	3 hours	Graduate
Semiconductor lasers	Practical	2 hours	Graduate
Software Defined Radio	Lecture	2 hours	Graduate
Solar Energy Collectors	Lecture/Exercise Course	2 hours weekly	Graduate
Solar Thermal Heating	Lecture/Exercise Course	2 hours weekly	Graduate
Semiconductor Lasers	Lecture	2 hours	Graduate
Seminar on Selected Topics of Microwave Technology	Lecture/Exercise Course	2 hours weekly	Graduate
Seminar in Control and Systems Theory	Lecture/Exercise Course	2 hours weekly	Graduate
Seminar Digitaltechnik: Concepts and Structures for Dynamic Runtime Reconfiguration	Seminar	2 hours weekly	Graduate
Seminar in Communication Technologies	Seminar	2 hours	Graduate
Signal Processing in Wireless Communications	Seminar	2 hours	Graduate
Simulation of Digital Communication Systems using MATLAB	Practical	2 hours	Graduate

<u>System Theory of the Energiewende</u>	Lecture	2 hours	Graduate
<u>Theory and Technology of Combined Heating, Cooling & Power</u>	Lecture/Exercise Course	2 hours weekly	Graduate
<u>Thermodynamics Fundamentals</u>	Lecture/Exercise Course	2 hours weekly	Graduate