

# English Taught Courses

## Summer term („Sommersemester“) 2024

(Please note: The below mentioned courses are offered in spring term 2024. 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
Educational science odyssey: Navigating seminal research of the last decades	Seminar	2 hours weekly	Graduate
Feminist Anti-Racist Pedagogies	Online with on-site presence (Block)	? hours weekly	Graduate
Introduction into international disability studies with an intersectional perspective	Seminar	2 hours weekly	Graduate
Introduction to Educational Leadership	Seminar	2 hours weekly	Undergraduate / Graduate
Option B - The organisation of child protection in international perspective (BILINGUAL)	Seminar	2 hours weekly	Undergraduate
Research in Social Psychology	Seminar	2 hours weekly	Graduate
Resilience in children and youth across cultures and contexts - An international social work perspective	Seminar	2 hours weekly	Undergraduate
Seminar Empirical Practice II -Course D	Project seminar	2 hours weekly	Undergraduate
Seminar Social Psychology -Course C	Advanced seminar	2 hours weekly	Undergraduate
Soziale Arbeit und muslimische Positionen in Deutschland (BILINGUAL)	Seminar	2 hours weekly	Undergraduate
The disabling politics of forced migration	Workshop	2 hours weekly	Graduate
Wahlpflichtmodul (M9): Sozialpsychologie "Research in Social Psychology"	Seminar	2 hours weekly	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
Advanced Research Colloquium	Colloquium	2 hours weekly	Undergraduate/ Graduate
American Nature Writing [Climate Thinking]	Advanced Seminar	2 hours weekly	Undergraduate/ Graduate
Analyzing attitudinal language	Exercise Course	2 hours weekly	Undergraduate/ Graduate
Assessing and Testing Literacy	Introductory seminar	2 hours weekly	Undergraduate/ Graduate
Attitudes in language: Theoretical and empirical aspects	Advanced seminar	2 hours weekly	Undergraduate/ Graduate
Being Among Others: On Friendship	Seminar	2 hours weekly	Undergraduate/ Graduate
Climate Change Fiction	Introductory seminar	2 hours weekly	Undergraduate/ Graduate
Coming of Age	Advanced seminar	2 hours weekly	Undergraduate/ Graduate
Constructive Feedback in the EFL classroom	Introductory seminar	2 hours weekly	Undergraduate/ Graduate
Decolonization and Postcolonial Britain	Seminar	t.b.d.	Undergraduate/ Graduate
[DIG] Sustainability Science. Theory and Methods	Seminar	2 hours weekly	Undergraduate/ Graduate
English 1: Grammar and Essay Writing	Exercise Course	2 hours weekly	Undergraduate
English 2: Spoken English	Exercise Course	2 hours weekly	Undergraduate
English 2: Spoken English & AI tools for language learning	Exercise Course	2 hours weekly	Undergraduate
English 2: Spoken English & Creative Writing	Exercise Course	2 hours weekly	Undergraduate
English 2: Spoken English & Pronunciation	Exercise Course	2 hours weekly	Undergraduate
English 3: Essay and Reading Comprehension	Exercise Course	2 hours weekly	Graduate
English 3: Translation	Exercise Course	2 hours weekly	Undergraduate/ Graduate

English 3: Translation and Advanced Essay Writing	Exercise Course	2 hours weekly	Undergraduate/ Graduate
Enhancing foreign language learning through the implementation of artificial intelligence and digital	Advanced seminar	2 hours weekly	Undergraduate/ Graduate
Environment, Society and the Anthropocene [Climate Thinking]	Seminar	2 hours weekly	Undergraduate/ Graduate
Exam Colloquium	Colloquium	2 hours weekly	Undergraduate
Forever Young? Anti-Aging in US History	Seminar	t.b.d.	Undergraduate/ Graduate
Fostering listening and speaking skills through the implementation of podcasts in the EFL classroom	Advanced Seminar	2 hours weekly	Undergraduate/ Graduate
Fundamentals of Grammar Theory (GLS)	Introductory seminar	2 hours weekly	Undergraduate/ Graduate
Gender and Captivity	Advanced seminar	2 hours weekly	Undergraduate/ Graduate
Heterogeneity, Differentiation and Inclusion in the EFL Classroom	Introductory seminar	2 hours weekly	Undergraduate/ Graduate
Histories of Language Studies	Intro-/Advanced seminar	2 hours weekly	Undergraduate/ Graduate
History of the Novel (18th and 19th Century)	Lecture	2 hours weekly	Undergraduate/ Graduate
Holistic and Action-Oriented Learning and Teaching	Introductory seminar	2 hours weekly	Undergraduate/ Graduate
Improving EFL learners' reading proficiency	Advanced seminar	2 hours weekly	Undergraduate/ Graduate
Incorporating environmental education into the EFL classroom	Introductory seminar	2 hours weekly	Undergraduate/ Graduate
Indigenous linguistics	Exercise Course	2 hours weekly	Undergraduate/ Graduate
Introduction to British and American History	Lecture / orientation course	t.b.d.	Undergraduate
Introduction to British and American Literatures	Orientation course + tutorials	2 hours weekly	Undergraduate
Introduction to Drama: Staging the Family in British and American Drama [GLS]	Introductory seminar	2 hours weekly	Undergraduate
Introduction to EFL learning and teaching	Orientation course + tutorials	2 hours weekly	Undergraduate
Introduction to Linguistics	Orientation course + tutorials	2 hours weekly	Undergraduate

Irish Literature, History, and Culture	Introductory seminar	2 hours weekly	Undergraduate/ Graduate
Key Texts - History of the Novel (18th and 19th Century)	Exercise Course	2 hours weekly	Undergraduate/ Graduate
Key Texts in Colonial American "Literature"	Exercise Course	2 hours weekly	Undergraduate/ Graduate
L2 Grammar Learning and Teaching	Advanced seminar	2 hours weekly	Undergraduate/ Graduate
Linguistics in Focus	Colloquium	2 hours weekly	Graduate
Mapping New Worlds: Colonial "American" Literature 1580-1800	Lecture	2 hours weekly	Undergraduate/ Graduate
Masters Research Colloquium in Literature	Colloquium	t.b.d.	Graduate
Maurice Merleau-Ponty - The Phenomenology of Perception	Seminar	2 hours weekly	Undergraduate
Morphology: Words and Their Structure	Introductory seminar	2 hours weekly	Undergraduate/ Graduate
Multilingualism and CLIL: Classroom Observation, Analysis and Evaluation	Introductory seminar	2 hours weekly	Undergraduate/ Graduate
Multilingualism in the EFL classroom	Advanced seminar	2 hours weekly	Undergraduate/ Graduate
Pragmatics of Speech on the Autism Spectrum: Echolalia, Scripting, and Masking	Advanced seminar	2 hours weekly	Undergraduate/ Graduate
Research in Applied Psychology - Consumer, Market and Competition Edition	Seminar	2 hours weekly	Undergraduate/ Graduate
Schulpraktische Studien (SPS) Englisch II	SPS side event	2 hours weekly	Undergraduate/ Graduate
Schulpraktische Studien (SPS) Englisch II (für L1)	SPS side event	2 hours weekly	Undergraduate/ Graduate
Second language acquisition	Advanced seminar	2 hours weekly	Undergraduate/ Graduate
Semiotics framing media studies	Advanced seminar	2 hours weekly	Undergraduate/ Graduate
The Anatomy of Death	Advanced seminar	2 hours weekly	Undergraduate/ Graduate
The New Deal	Seminar	t.b.d.	Undergraduate
The Structure of English: Theoretical, Historical, and Comparative Aspects	Introductory seminar	2 hours weekly	Undergraduate/ Graduate
This is the End: Climate Change as Apocalypse	Introductory seminar	2 hours weekly	Undergraduate/ Graduate

Tutorium zu: Introduction to British and American History	Tutorial	t.b.d.	Undergraduate
Unlocking Scripture: The Bible as Literature	Block seminar	2 hours weekly	Undergraduate/ Graduate
Unruly women	Introductory seminar	2 hours weekly	Undergraduate/ Graduate
Virtual Worlds in Learning and Teaching: An International Cooperation	Introductory seminar	2 hours weekly	Undergraduate/ Graduate
Working with songs and poems in the EFL classroom	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
A History of New York City	Seminar	t.b.d.	Undergraduate
A History of Sexuality	Seminar	t.b.d.	Undergraduate/ Graduate
Climate Politics, Colonialism and Agrarian Change in Zimbabwe 1930s to 2000s	Block seminar with introductory session	t.b.d.	Undergraduate/ Graduate
Decolonization and Postcolonial Britain	Seminar	t.b.d.	Undergraduate/ Graduate
Development and Public Policies in developing countries: the case of Cuba	Block seminar	t.b.d.	Graduate
Energy Sociology	Seminar	t.b.d.	Undergraduate
Forever Young? Anti-Aging in US History	Seminar	t.b.d.	Undergraduate/ Graduate
From oil to the ecological and democratic transition: global challenges, Latin America, and Venezuela	Block seminar	t.b.d.	Undergraduate/ Graduate
Inequalities and labour markets: exploring the intersection of societal disparities and employment in the digital age	Seminar	t.b.d.	Undergraduate
Infrastructures and the imaginaries of space	Seminar	t.b.d.	Undergraduate
Intel Inside: A Cultural History of Computation	Seminar	t.b.d.	Undergraduate/ Graduate
Introduction to British and American History	Lecture / orientation course	t.b.d.	Undergraduate
Labour and Environment: tensions, visions and strategies	Seminar	t.b.d.	Graduate
New left/right art	Seminar	t.b.d.	Undergraduate
The New Deal	Seminar	t.b.d.	Undergraduate
Tutorium zu: Introduction to British and American History	Tutorial	t.b.d.	Undergraduate
(Heat) Resilience x Museum	Compact seminar	t.b.d.	Graduate

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

<b>Course title</b>	<b>Type of course</b>	<b>Duration/ interval</b>	<b>level</b>
BAUFORSCHUNGLABOR (Vertical Studio)	Project	8 hours weekly	Undergraduate/ Graduate
Current Reserch for climate adapted cities	Seminar	2 hours weekly	Undergraduate/ Graduate
EDEK Research Studio (D/ Eng)	Project	8 hours weekly	Undergraduate/ Graduate
Infrastructures and the Imaginaries of Space	Seminar	2 hours weekly	Undergraduate/ Graduate
Feminist Theory in Architectural History	Seminar	2 hours weekly	Undergraduate/ Graduate
Kooperative Kulturpaläste (AT)	Project	8 hours weekly	Undergraduate/ Graduate
Kooperative Planungsarbeit für Kulturpaläste (AT)	Seminar	4 hours weekly	Graduate
Researching Otherwise: Plriversal methods in landscape and urban researche	Block seminar	4 hours weekly	Undergraduate/ Graduate
RUINOUS ECONOMIC CONDITIONS	Seminar	4 hours weekly	Graduate
Understanding the Region: Germany and beyond	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 participation (might include a presentation and smaller essays) and a written or oral exam.

Course title	Type of course	Duration/	level
Academic Writing for Economists	Seminar	4 hours weekly	Graduate
Applied econometric analysis of stated choice data	Block seminar	4 hours weekly	Graduate
Applied Research (DE/EN)	Seminar	4 hours weekly	Graduate
Circular Supply Chain Management	Lecture/Seminar	4 hours weekly	Graduate
Collaborative Development of Conversational Agents (Master)	Seminar	4 hours weekly	Graduate
Competitive Intelligence	Seminar	4 hours weekly	Undergraduate
Compliance in Multinational Corporations	Block seminar	4 hours weekly	Graduate
Consumer Insight and Engaging Communication	Seminar	4 hours weekly	Undergraduate
Contemporary Issues in Behavioral Economics	Seminar	2 hours weekly	Graduate
Corporate Finance	Lecture	4 hours weekly	Undergraduate
Digital Transformation of Sustainable Supply Chains	Lecture/Seminar	4 hours weekly	Graduate
Econometrics	Lecture	4 hours weekly	Graduate
Economics of Entrepreneurship	Lecture	4 hours weekly	Graduate
Educational science odyssey: Navigating seminal research of the last decades	Seminar	2 hours weekly	Graduate
EMBS Negotiation Management	Seminar	4 hours weekly	Graduate
Empirical Consumer Research in Arab Cultures	Seminar	4 hours weekly	Undergraduate
Environmental Economics	Lecture	4 hours weekly	Graduate
European Economics	Lecture	2 hours weekly	Undergraduate
From oil to the ecological and democratic transition: global challenges, Latin America, and Venezuela	Block seminar	t.b.d.	Undergraduate/ Graduate
Green Business in Europe	Blended Learning (e-learning and presence)	4 hours weekly	Undergraduate
GSEBGo Kurs Power Analysis	Event	t.b.d.	Doctoral students
IB2 Legal and Business English	Seminar	2 hours weekly	Undergraduate
Intermediate Public Economics	Lecture/Exercise Course	4 hours weekly	Graduate
International Human Resource Management	Seminar/Exercise Course	4 hours weekly	Undergraduate / Graduate



International Strategy Simulation	Excursion / seminar	4 hours weekly	Undergraduate / Graduate
Introduction to Behavioral Economics	Lecture	4 hours weekly	Undergraduate
Introduction to Game Theory	Lecture	4 hours weekly	Undergraduate
Introductory Econometrics	Lecture/Exercise Course	2 hours weekly	Undergraduate
Leadership and Change Management	Lecture / seminar	4 hours weekly	Graduate
Microeconometrics	Lecture with tutorials	4 hours weekly	Graduate
Microeconomics Using Calculus	Lecture/Exercise Course	2 hours weekly	Undergraduate
Modelling of biological wastewater treatment	Lecture	2 hours weekly	Graduate
Nachhaltige Unternehmensführung II	Seminar	4 hours weekly	Undergraduate /
Paradoxes and unintended consequences in sustainable operations and supply chain	Seminar	4 hours weekly	Graduate
Quantitative Methods of Experimental Economics	Seminar	4 hours weekly	Graduate
Research Methods for Business	Lecture	4 hours weekly	Graduate
R for Modern Data Analysis	Lecture	t.b.d.	Undergraduate
Social and Ethical Implications of Digitalization	Block seminar with introductory session	t.b.d.	Graduate
Strategic management	Seminar	4 hours weekly	Graduate
Supply Chain Management in Emerging Economies	Lecture / seminar	4 hours weekly	Graduate
Sustainable Supply and Operations Management	Seminar	4 hours weekly	Undergraduate
Sustainable Marketing	Seminar	4 hours weekly	Undergraduate
Targeting	Seminar	4 hours weekly	Graduate
The Economics of Growth	Lecture	4 hours weekly	Graduate

Under the following link information about courses taught in English at the Faculty of Economics and Management regularly (each spring or fall term) can be found:

<https://www.uni-kassel.de/fb07/studium/internationales-studium/incoming-students/information-for-exchange-students>

For some Lectures taught in the fall term re-take exams are offered during spring term. Thus, students can take the exam without having participated in the Lecture when they are prepared to study by themselves.

## Faculty of Mathematics and Natural Sciences (10)

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Course Title	Type of Course	Duration / interval	Level
Advanced Seminar: Chronobiology and Olfaction	Seminar	2 hours weekly	Graduate
Advanced Synthetic Chemistry (Praktikum Synthesechemie II)	Internship	7 hours weekly	Graduate
Advances in Theoretical Physics at the Nanoscale	Seminar	2 hours weekly	Graduate
Anleitung zum wissenschaftlichen Arbeiten/Baumert	Tutorial	2 hours weekly	Undergraduate/ Graduate
Anleitung zum wissenschaftlichen Arbeiten/Faust	Tutorial	t.b.d.	Undergraduate/ Graduate
Applied Machine Learning for Materials and Chemistry	Exercise course	2 hours weekly	Graduate
Aromatic building blocks for organic nanostructures	Lecture	2 hours weekly	Graduate
Basics of Neuroethology (Ausgewählte Themen der Neuroethologie)	Seminar	t.b.d.	Undergraduate/ Graduate
Basic Python Programming	Seminar	5 hours weekly	Graduate
Biologisches Kolloquium mit Gastvorträgen	Discussion	2 hours weekly	Undergraduate
Buddy-Programm @ FB10	Miscellaneous	2 hours weekly	Undergraduate/ Graduate
Chemistry of Materials	Lecture	2 hours weekly	Graduate
Computational Physics	Lecture	3 hours weekly	Graduate
Computeralgebra I (Teil A und B) Englisch/Deutsch	Lecture	t.b.d.	Undergraduate/ Graduate
Übungen zu Computeralgebra I (Teil A und B) Englisch/Deutsch	Exercise	t.b.d.	Undergraduate/ Graduate
Current Topics in Biochemistry (Biochemisches Seminar über aktuelle Entwicklungen und Methoden)	Seminar	t.b.d.	Undergraduate/ Graduate
Current topics of Developmental Genetics (Aktuelle Themen der Entwicklungsgenetik für Masterstudierende und Doktorand*innen)	Seminar	1 hour weekly	Graduate / PhD students
Exercises to Harmonic Analysis/Harmonische Analysis	Exercise	2 hours weekly	Graduate
Fachliche Spezialisierung	Discussion	t.b.d.	Graduate
Harmonic Analysis/Harmonische Analysis	Lecture	4 hours weekly	Graduate

Lab course advanced experimental physics	Internship	6 hours weekly	Graduate
Lab Course Advanced Physical and Theoretical Chemistry	Internship	6 hours weekly	Graduate
Machine Learning for Materials and Chemistry	Lecture	2 hours weekly	Graduate
Methodenkenntnis und Projektplanung	Miscellaneous	t.b.d.	Graduate
Modelling of biological wastewater treatment processes	Lecture	2 hours weekly	Graduate
MScNano LAP Research Internship Laboratory Astrophysics	Internship	t.b.d.	Graduate
MScNano LAP Research Internship Laboratory Astrophysics - Studienleistung	Study performance	t.b.d.	Graduate
Nanochemistry II (Nanostrukturen aus chemischer Sicht II)	Lecture series	3 hours weekly	Graduate
Nanoscale Quantum Optics I – Basic principles	Lecture / seminar	4 hours weekly	Graduate
Nano Scale Quantum Optics II – Applications in Quantum Information Processing	Lecture	4 hours weekly	Graduate
Nano Scale Quantum Optics II – Studienleistung	Study performance	t.b.d.	Graduate
Numerical methods for partial differential equations	Lecture	4 hours weekly	Graduate
Numerical methods for partial differential equations - Exercises	Excercises	2 hours weekly	Graduate
Physics and spectroscopy of diatomic molecules	Lecture	3 hours weekly	Graduate
Physics with synchrotron radiation (Physik mit Synchrotronstrahlung)	Lecture	2 hours weekly	Graduate
Polymers from renewable resources / Biological materials	Lecture	t.b.d.	Graduate
Research Internship Biochemistry (Forschungspraktikum Biochemie- M.Sc. Nanostrukturwissenschaften)	Internship	t.b.d.	Graduate
Research Internship Biophysics (Forschungspraktikum Biophysik)	Block internship	t.b.d.	Graduate
Research Internship Hybrid Materials (Forschungspraktikum Chemische Hybridmaterialien)	Internship	t.b.d.	Graduate
Research Internship Organic Chemistry (Forschungspraktikum Mesoskopische Systeme)	Internship	t.b.d.	Graduate
Ring lecture of the Research Training Network Multiscale Clocks	Ring lectures	1 hours weekly	Graduate
Spezielle Aspekte der Entwicklungsgenetik (Modul W7)	Seminar	t.b.d.	Graduate
Statistical processing of experimental data	Lecture	t.b.d.	Graduate
Technology of Electronic and Optoelectronic Devices (BILINGUAL)	Lecture	2 hours weekly	Undergraduate/ Graduate

Theoretical Solid State Physics	Lecture	4 hours weekly	Graduate
Theoretical Solid State Physics	Excercises	4 hours weekly	Graduate
Theorieseminar für Studierende: Journal Club	Seminar	4 hours weekly	Graduate
Theory seminar for students	Seminar	t.b.d.	Graduate
Ultrashort Laserpulses and their Application (Ultrakurze Laserpulse und ihre Anwendung)	Lecture	2 hours weekly	Undergraduate/ Graduate
Ultrashort Laserpulses and their Application (Ultrakurze Laserpulse und ihre Anwendung - Studienleistung)	Internship	2 hours weekly	Undergraduate/ Graduate

## 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
Agriculture and ecosystem services	Seminar	4 hours weekly	Graduate
Applied statistical modelling	Lecture	4 hours weekly	Graduate
Biochar for environment management	Seminar	4 hours weekly	Graduate
Biodynamic agriculture	Seminar	4 hours weekly	Graduate
Consumer science and sustainable consumption	Seminar	4 hours weekly	Graduate
Crop husbandry and technology in the tropics	Seminar	4 hours weekly	Undergraduate
Digitalisation in livestock systems	Seminar	4 hours weekly	Graduate
Education for sustainable development and agriculture	Seminar	4 hours weekly	Graduate
Engineering software in agriculture and livestock farming	Seminar	4 hours weekly	Graduate
Environment and health	Seminar	4 hours weekly	Graduate
EU policies, organic farming and food system transformation	Lecture / excursion	4 hours weekly	Graduate
Food quality and organic food processing	Seminar	4 hours weekly	Graduate
Food quality management	Seminar	4 hours weekly	Graduate
Grassland -based livestock systems and climate change mitigation	Seminar	4 hours weekly	Graduate
Innovative livestock breeding	Seminar	4 hours weekly	Graduate
Innovative product development	Seminar	4 hours weekly	Graduate
Interdisciplinary project (AGES)	Project seminar	2 hours weekly	Graduate
Marketing research	Lecture	4 hours weekly	Graduate
Modelling climate impacts on agroecosystems	Seminar	4 hours weekly	Graduate
Nematology	Seminar	4 hours weekly	Graduate

Nutrient acquisition by plant	Seminar with exercise	4 hours weekly	Graduate
Nutritional and consumer behaviour	Lecture	4 hours weekly	Graduate
Project work	Project	4 hours weekly	Graduate
Recent developments in food and nutritional sciences	Seminar	4 hours weekly	Graduate
Rural sociology	Seminar	4 hours weekly	Graduate
Scientific Presentation	Seminar	2 hours weekly	Graduate
Socio-ecology in livestock production systems	Seminar	4 hours weekly	Graduate
Soil-plant interactions	Block seminar	4 hours weekly	Graduate
Strategic management	Seminar	4 hours weekly	Graduate
Sustainable? Development?	Seminar	4 hours weekly	Graduate
Sustainable land use and climate mitigation	Seminar	4 hours weekly	Graduate
Unoccupied aerial vehicle (UAV) applications in agriculture	Seminar	4 hours weekly	Graduate
Water in the soil plant system	Seminar with exercise	4 hours weekly	Graduate

Under the following link information about courses taught in English at the Faculty of Organic Agricultural Sciences regularly (each spring or fall term) can be found:

<https://www.uni-kassel.de/fb11agrar/en/studies-1/during-studies/information-for-international-students>



## Faculty of Civil and Environmental Engineering (14)

<b>Course title</b>	<b>Type of course</b>	<b>Duration/ interval</b>	<b>Level</b>
Application of activated sludge models in practice	Lecture / Exercise Course	2 hours weekly	Undergraduate/ Graduate
Modelling of biological wastewater treatment processes	Lecture	2 hours weekly	Graduate
Tracers in Hydrology	Lecture	2 hours weekly	Graduate



## Faculty of Mechanical Engineering and Mechatronics (15)

Course title	Type of course	Duration / interval	Level
Cases and Debates in Project Management and Transformation	Lecture	2 hours weekly	Undergraduate/ Graduate
Machine learning 4 Engineers: Regression	Lecture/ practical	2 hours weekly	Graduate
Materials processing with ultrashort pulsed lasers	Lecture	4 hours weekly	Undergraduate/ Graduate
Materials Selection in Mechanical Design	Lecture	t.b.d.	Undergraduate/ Graduate
Nanostructured Metallic Materials	Lecture/Exercise course	t.b.d.	Undergraduate/ Graduate
Technology of Electronic and Optoelectronic Devices (BILINGUAL)	Lecture	2 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
Advanced Digital Control	Lecture / Exercise Course	4 hours weekly	Graduate
Automatisierung und Systeme	Lecture / Exercise Course	5 hours weekly	Graduate
Control of Uncertain Systems	Lecture / Exercise Course	3 hours weekly	Graduate
Code-Camp Context Awareness 1	Lecture / Exercise Course	4 hours weekly	Undergraduate
Code-Camp Context Awareness 2	Lecture / Exercise Course	4 hours weekly	Graduate
Compilerbau	Internship	4 hours weekly	Undergraduate
Communication Technologies I - Maschinelles Lernen und Kontexterkenkung 1	Lecture / Exercise Course	4 hours weekly	Graduate
Digital Communications Project Work	Project Work	8 hours weekly	Undergraduate
Digital Communication Through Band-Limited Channels	Lecture / Exercise Course	3 hours weekly	Graduate
Digital Communication Through Band-Limited Channels (lab)	practical	1 hour weekly	Graduate
Discrete Event Systems and Control	Lecture / Exercise Course	5 hours weekly	Undergraduate / Graduate
Electromagnetic Theory for Microwaves and Antennas	Lecture / Exercise Course	3 hours weekly	Graduate
Engineering Mathematics	Lecture / Exercise Course	5 hours weekly	Graduate
Exercises Introduction to Signal Detection and Estimation	Exercise Course	1 hour weekly	Graduate
Exercises Semiconductor memories: technology, design, structures, modeling and simulation	Exercise Course	1 hour weekly	Graduate
Experimentation and Evaluation in Machine Learning	Lecture / Exercise Course	4 hours weekly	Graduate
Functional Safety in computer architectures	Lecture / Exercise Course	4 hours weekly	Graduate
Functional Safety of Biomedical Systems	Lecture / Exercise Course	4 hours weekly	Graduate
Grundlagen der modernen Kryptographie	Lecture / Exercise Course	4 hours weekly	Graduate

Integrierte Mikrowellenschaltungen II (Microwave Integrated Circuits II)	Lecture / Exercise Course	3 hours weekly	Graduate
Intelligent Decision Making	Lecture / Exercise Course	3 hours weekly	Graduate
Internet Measurements	Lecture / Exercise Course/Internship	4 hours weekly	Graduate
Introduction to Agent-Based Modelling	Lecture / Exercise Course	4 hours weekly	Graduate
Introduction to Digital Communications	Lecture / Exercise Course	4 hours weekly	Graduate
Introduction to Digital Communications (lab)	Laboratory	1 hour weekly	Graduate
Introduction to LaTeX	Lecture / Exercise Course	1 hour weekly	Graduate
Introduction to MATLAB	Internship	2 hours weekly	Graduate
Introduction to Signal Detection and Estimation	Lecture / Exercise Course	3 hours weekly	Graduate
Labor Deep Learning	Internship	4 hours weekly	Graduate
Labor Data Mining und Maschinelles Lernen	Internship	4 hours weekly	Undergraduate/ Graduate
Labor Grand Challenges of Machine Learning	Internship	t.b.d.	Graduate
Mathematical safety analysis of electronics Systems in Cars	Lecture / Exercise Course	4 hours weekly	Graduate
Medium Access Control (MAC) Protocols in Wireless Communications	Seminar	2 hours weekly	Graduate
Microsystem Technology	Lecture	2 hours weekly	Graduate
Microsystem Technology (lab)	Internship	2 hours weekly	Graduate
Microwaves Project Work	Project Work	4 hours weekly	Graduate
Mikrowellen- und Millimeterwellentechnik I / Microwaves and Millimeter Waves I (MMW I)	Lecture / Exercise Course	3 hours weekly	Graduate
Modeling of Safety Architectures in Automotive Systems	Lecture / Exercise Course	4 hours weekly	Graduate
Modeling of Safety Structure according to ISO Standard 2626-2	Lecture / Exercise Course	4 hours weekly	Graduate
Modelling and Identification of Dynamical Systems	Lecture / Exercise Course	4 hours weekly	Undergraduate
Networked and Distributed Control Systems	Lecture / Exercise Course	3 hours weekly	Graduate
Optical Communication Systems	Lecture	2 hours weekly	Graduate
Optical Communication Systems Practical Training	Internship	1 hour weekly	Graduate
Optimal Control	Lecture / Exercise Course	2,5 hours weekly	Graduate
Optoelectronics Project Work	Project	4 hours weekly	Graduate
Pattern Recognition and Machine Learning II	Lecture / Exercise Course	4 hours weekly	Graduate
Prozessrechner	Lecture / Exercise Course	4 hours weekly	Graduate

Risikobewertung von Rechnerarchitekturen (Risk Determination of Computer Architecturs)	Lecture / Exercise Course	4 hours weekly	Graduate
Safety Electronic Systems in Vehicles	Lecture/Exercise Course	4 hours weekly	Graduate
Semiconductor memories: technology, design, structures, modeling and simulation	Lecture	2 hours weekly	Graduate
Semiconductor Quantum Optics	Lecture	t.b.d.	Undergraduate/ Graduate
Seminar Digitaltechnik: Concepts and Structures for Dynamic Runtime Reconfiguration	Lecture/Exercise Course	2 hours weekly	Graduate
Seminar Microwave Integrated Circuits II	Seminar	2 hours weekly	Graduate
Seminar on Optical Communication Systems	Seminar	2 hours weekly	Graduate
Simulation of Digital Communication Systems using MATLAB	practical	2 hours weekly	Graduate
Soft Computing	Lecture/Exercise Course	4 hours weekly	Graduate
System Theory of the Energiewende	Lecture	2 hours weekly	Graduate
Technology of Electronic and Optoelectronic Devices (BILINGUAL)	Lecture	2 hours weekly	Undergraduate/ Graduate
VHDL-Kurs	Lecture/Exercise Course	4 hours weekly	Undergraduate
Wireless Communications Project Work	Project work	4 hours weekly	Graduate

Under the following link information about courses taught in English or supplemented with English materials at the Faculty of Electrical Engineering and Computer Science regularly (each spring or fall term) can be found: <https://www.uni-kassel.de/eecs/studium/master/informatik/for-foreign-students>  
Please note that the exams take place each semester even though the Lectures/Seminars take place only in spring or fall term.

## Faculty of Art and Design

At the School of Art and Design at least one of the classes is taught completely in English. Much of the Work is done in one-on-one discussions with the teachers which usually can be done in English. Some lecturers will switch the language to English if wished so by the participants.

Once your application documents have been reviewed, you will be assigned to a professor that fits your work the most. The professor will be able to advise you further on which courses to attend.

Course title	Type of course	Duration/interval	Level
Animation   Show and Tell	Colloquium	3 hours weekly	Undergraduate/ Graduate
Games   Realtime Art	Seminar (with lecture parts and exercises)	t.b.d.	Undergraduate/ Graduate
Grafikdesign   MEETING GROUNDS: Essay as Event – Workshop with Paul Bailey	Workshop	3.5 hours weekly	Undergraduate/ Graduate
Jerusalem in the Visual Christianization of Europe   Kasseler Rosenzweig-Professur	Seminar/block event	2 hours weekly	Undergraduate/ Graduate

If you have any further questions concerning the Arts School of Kassel, there is a student organization “from internationals (mostly) for internationals.” It is called Panalobby and consist of a few advanced (international) students from the arts faculty that are familiar with the struggles of being international and new. These students are also very much connected within the faculty and will be able to advise you a lot.

<https://panalobby.com> [info@panalobby.com](mailto:info@panalobby.com)