



UNIVERSITÄT
BAYREUTH

INTERNATIONAL OFFICE

General Overview of English-Taught Courses at the University of Bayreuth

Available during Summer Semester 2024

An overview for Winter Semester 2024/25 is expected to be available as of 01.10.2024



Language Centre and other institutes

Number	Course Title	Duration	Type	ECTS / Credits	Unit	Module Description
PW011	Scanning Electron Microscopy (SEM)	1	Lec		GradCentre BNAT	Basic concepts of scanning electron microscopy (SEM) and microanalysis are complemented by advanced techniques for soft materials and composites materials. The lectures contain: Basic concepts, Instrumentation, Sample Preparation, Imaging, Spectroscopic analysis (EDS/WDS), Beam damage, LowVac, ESEM, cryo-SEM, 3D reconstruction and particle analysis.
PW012	Scanning Electron Microscopy (SEM)	1.3	Ins		GradCentre BNAT	An overview of the SEM instruments and methods available in the BPI Keylab Electron Microscopy will be given in a Lab tour. After evaluation of the relevant methods for the students' research projects, an individual practical introduction is given with the aim to independently operate a suitable SEM. The students are further supported along the user operation to optimise the SEM results for their research projects.
SAB03	Bambara: 3 Basic Course 3 (Language 1 /2: Intermediate Course)	4	Tut	5	SZ	Anyone who has acquired proficiency in Bambara (or Bamanankan) will easily be able to get along in other Manding varieties such as Jula, Maninka and Mandinka. Apart from in Mali, Eastern Senegal, Gambia, Burkina Faso, and the Ivory Coast, there are many speakers of Manding varieties in those parts of Europe where diasporas from these countries are living. The language courses 1 - 4 introduce students to the structure of Bambara and exercise their active language skills. These skills include listening comprehension, speaking, writing, reading and grammar. The aim is to develop an appropriate level of language proficiency to meaningfully participate in everyday conversations. Learn more about the Bambara courses at the University of Bayreuth at http://kdombrowsky.de The language courses 1 - 4 introduce students to the structure of Bambara and exercise their active language skills. The lessons are organised into two parts: firstly, the grammar oriented: which introduces and helps students master the basic features of Bambara words, sentences and texts; and secondly, the communication oriented: where students develop an appropriate level of language proficiency to meaningfully participate in every day conversations. Learn more about the Bambara courses at the University of Bayreuth at http://kdombrowsky.de
SAB05	Bambara Advanced Course (Mali, Tilebinfarafinna ní dúniya. Mali, West Africa and the world.)	1	Tut		SZ	In this course we will study the latest developments in the countries where Manding varieties are spoken, including Mali, Burkina Faso, Ivory Coast and Senegal. Using different kinds of texts in Bambara and different media we will discuss topics related to such domains as society, economy, nature protection and health.
SAS03	Swahili 3 Basic Course 3	4	Tut	5	SZ	Swahili is a Bantu language from the East Coast of Africa. It is the national and official language in both Tanzania and Kenya but is also spoken in neighbouring countries towards the west and south. It is the most widely used African language in communication and education. The course is structured in four basic levels - basic courses 1-4 - which can be taken within two semesters. The classes are addressed to learners who want to acquire language competence for daily communication in eastern Africa, as well as to anyone who may wish to study Swahili linguistics and literature. Therefore, alongside skills in reading (kusoma), writing (kuandika), listening (kusikiliza) and speaking (kuzungumza) Swahili, students will also receive a detailed explanation of the language's grammatical structure. The transmission of extensive social and cultural knowledge is also integrated into the material used. (Note that Swahili 1-4 a and 1-4 b are two identical parallel courses - students may only enrol in one).
SAS05	Swahili Advanced Course (A1 / Language in Application - Utamaduni wa Waswahili)	1	Tut		SZ	The course explores aspects of Swahili culture relating to language, history, literature, music and popular culture. It aims at enhancing the comprehension of Swahili and deepening language competence through exercises in reading, translating, listening to Swahili texts, and watching video material. Main sources will range from TV programmes, radio broadcasting, literary texts, newspaper articles, and songs.
SE020	English: Grammar (ANGL-GR)	2	Tut	3 /6 /9 /20	SZ	
SE022	English: Pronunciation (ANGL-PR)	2	Tut	3 /6 /9 /20	SZ	
SE024	English: Listening and Speaking (ANGL-LS)	2	Tut	3 /6 /9 /20	SZ	
SE027	English: Academic Writing I (ANGL-AW I)	2	Tut	3 /6 /9 /20	SZ	

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SE028	English: Business Communication (ANGL-BC)	2	Tut	20	SZ	
SE031	Academic Writing II (ANGL-AW II / SA3)	2	Tut	3 / 6 / 9 / 20	SZ	
SE033	English: Translation German-English (ANGL-GE)	2	Tut	3 / 6 / 9 / 20	SZ	
SE034	English: Translation English-German (ANGL-ED)	2	Tut	3 / 5 / 6 / 20	SZ	
SE036	English: Regional Studies (overview) USA (ANGL-LKUSO)	2	Tut	7 / 10 / 11	SZ	
SE038	English: Regional Studies (overview) GB (ANGL-LKGBO)	2	Tut	7 / 10 / 11	SZ	
SE040	English: Regional Studies (seminar) USA (ANGL-LKUSS)	2	Tut	7 / 10 / 11	SZ	
SE044	English: Integrated language skills (ANGL-ISK)	2	Tut	3 / 11	SZ	
SE046	English: Language mediation for teacher training students (ANGL-SL)	2	Tut	3 / 15	SZ	
SE048	English: Exam colloquium for student teachers: Oral Practice (ANGL-EL)	2	Tut	15	SZ	
SE049	English: Exam colloquium for teacher trainees: Text Production (ANGL-TP)	2	Tut	15	SZ	
SE050	English: Exam colloquium for student teachers: Language Mediation (ANGL-ELSM)	2	Tut	15	SZ	
SE057	English: Style and Register: Advanced Essay Writing (MAIAS)	2	Tut	4	SZ	
SE058	English: Preliminary Law Course (VJ) JAPO § 24 / no UNICert course	2	Tut	2 / 2,5	SZ	
SE060	English: Developing Reading Comprehension (BE1) (level B2+)	2	Tut	2 / 2,5	SZ	
SE080	English: Developing Competence in Business English (BE2) (level C1)	2	Tut	2 / 2,5	SZ	
SE112	English: Advanced General Course (AKA) (Level C1) (Practice makes Perfect)	2	Tut		SZ	
SE120	English: Advanced Law Course (AKJ) (Level C1)	2	Tut		SZ	
SE130	English: Advanced Business Course (AKW) (Level C1)	2	Tut		SZ	
SE141	English: Specialisation Course 1 General (SA1) (Level C1) (Multidisciplinary Discourse)	2	Tut		SZ	
SE150	English: Specialisation Course 1 Law (SF1J) (Level C1)	2	Tut	2	SZ	
SE160	English: Specialisation Course 1 Business (SF1W) (Level C1)	2	Tut		SZ	

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Number	Course Title	Duration	Type	ECTS / Credits	Unit	Module Description
SE176	English: Specialisation Course 2 General (SA2) (Level C1) (Democracy in the USA: The Biden & Harris Administration)	2	Tut		SZ	
SE181	English: Specialisation Course 2 Specialist Language Law (SF2J) (Level C1) (English for Lawyers 2 (according to JAPO § 24 Abs. 2)	2	Tut		SZ	
SE193	English: Specialisation Course 2 Business Language (SF2W) (Level C1) (International Business)	2	Tut		SZ	
SE194	English: Specialisation Course 2 Business Language (SF2W) (Level C1) (Case Studies in Business and Economics)	2	Tut		SZ	
SE198	English: Specialisation 2 Business Language (SF2W) (Level C1) (Presenting Skills for Business I)	2	Tut		SZ	
SE204	English: Specialisation 3 Specialist Language Law (SF3J) (level C2) Advanced Mooting (English for Lawyers 6 according to JAPO § 37 para. 4)	4	Tut	4	SZ	
SE213	English: Specialisation 3 Business Language (SF3W) (level C2) (Corporate Consulting)	2	Tut		SZ	
SE216	English: Specialisation Course 3 Business Language (SF3W) (Level C2) (Presenting Skills for Business II)	2	Tut		SZ	
SE223	English: LK-4 (Regional Studies USA) (Politics, Culture & Society)	2	Tut		SZ	
SE230	English: English for the Workplace Foundation (EW) (level B1+ /B2) (without placement test), for students of all faculties and employees of the University of BT (with guest student application)	2	Tut		SZ	
SE255	English: International Communication in English Foundation (without placement test) (level B1+ /B2) (for international and ERASMUS students)	2	Tut		SZ	
SE261	English: (EAP I) English for Academic Purposes 1 (Level B2+) (English for Study Abroad)	2	Tut	5	SZ	
SE262	English (EAP I) English for Academic Purposes 1 (Level B2+) (Academic Presentation Skills)	2	Tut		SZ	
SE264	English (EAP I) English for Academic Purposes 1 (Level B2+) (Reading Research in English)	2	Tut	2 /5	SZ	
SE265	English (EAP I) English for Academic Purposes 1 (Level B2+) (Gateway to Academic English)	2	Tut		SZ	
SE272	English: (EAP II) English for Academic Purposes II (Level C1) (Scientific & Technical Writing)	2	Tut		SZ	
SE299	DAAD English exam	1	Crs		SZ	
SPT01	Placement test (German, English, Spanish, French, Italian)	0.1	Crs		SZ	You can register for the placement tests of German, Spanish, English, French and Italian. You do NOT have to select the language when registering. If you want to take a placement test in several languages, please book several slots.
00064	Introduction to cmlife for students of all faculties	1	Crs		pulse bcg	- Functions of cmlife at a glance - Create your schedule in cmlife - Registration for courses and exams - Contact options for questions or problems [Join meeting] (https://teams.microsoft.com/l/meetup-join/19%3ameeting_MDJkNz4ZD-ItY2MxNy00NGNkLTk0MGMtOGUyMTJmNjBjOTRi%40thread.v2/0?context=%7b%22id%22%3a%2254d63e24-ac6d-4c5e-a8d6-ba978a0b286e%22%2c%22oid%22%3a%2253811730-8806-47c3-8193-850bf7f6eb3b%22%7d)

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Number	Course Title	Duration	Type	ECTS / Credits	Unit	Module Description
00145	Planetary Formation Special Topics	1	Sem	2	BGI	
20087	Research internship 1	25	Ins	15 /16	BGI	
20093	Research Practical 2	25	Ins	15 /16	BGI	
20281	Finite Difference Method	3	Lec & Tut	3	BGI	The goal of this class is to write your own 1D and 2D Matlab codes from scratch, to use these to study diffusion problems and to compare your results to analytical models. Later on we will reproduce numerical models from literature. Being at the introductory level, this course does not require any specific prior knowledge. It can be taken by BGI PhD students, MSc students from study programme Experimental Geosciences and BSc students enrolled in Environment and Resource Technology. Detailed course topics: - Matlab introduction - 1D explicit thermal diffusion - 1D implicit thermal diffusion - 2D implicit thermal diffusion - Matlab optimisation - Nonlinearities - Application
20382	Literature Seminar 1	2	Sem	3	BGI	A literature discussion seminar for Masters students in the course Experimental Geosciences.
20383	Literature Seminar 2	2	Sem	3 /6	BGI	A literature discussion seminar for Masters students in the course Experimental Geosciences.
20384	Literature Seminar 3	2	Sem	3	BGI	A literature discussion seminar for Masters students in the course Experimental Geosciences.
20385	Literature Seminar 4	2	Sem	3 /6	BGI	A literature discussion seminar for Masters students in the course Experimental Geosciences.
20386	Research Practical 3	25	Ins	15 /16	BGI	
20488	Planetary Chemistry	2	Lec	5	BGI	<p>This course focuses on the origin, history and transformation of planetary matter in the Solar System and the formation of planetary objects. The subject includes the origin, chemical evolution and timescales of planetary formation. For that, we need to discuss the use of stable and radiogenic isotopes as tracers and chronometers of these planetary processes. We also have hands-on activities to investigate the mineralogy and chemistry of planetary materials during the laboratory classes as individual projects.</p> <p>This is a graduate level course and students may or may not (although recommended) have taken courses in Earth or Planetary sciences before. For astronomy and astrophysics students, it should be a useful introduction to the concepts of geology and rock petrography. For geology students, it will be a new application of their knowledge towards isotope geochemistry and astrophysical phenomena. For those in other disciplines (physics & astronomy) it provides a foundation to a whole new interdisciplinary field.</p> <p>We will survey the various forms in which this matter occurs as primitive bodies (meteorites) and planets, and then focus on the chemical evolution and chronology of these processes. The course begins with the basic concepts of nuclear chemistry and nucleosynthesis (the origin of elements) and will devote this knowledge to the chemistry and mineralogy of the planets and meteorites. Mineralogy is an important aspect of this class, thus we will explore meteorites in laboratory classes. This work provides the door to understanding the histories of formation of planetary objects. The course will be based on lecture notes and readings prior to attending the lectures, discussion, assignments, and presentations online or in-class if allowed back to lecture rooms during the semester.</p>
20492	Planetary Chemistry	2	Tut	5	BGI	
20535	Basic Physics for Experimental Geosciences II	2	Lec & Tut	2 /5	BGI	
20538	Planetary Physics	3	Lec & Tut	2 /5 /10	BGI	<p>This class provides a detailed understanding of the physical and chemical properties, structure and evolution of the various solar system bodies including comets, asteroids, planets and the Sun. It includes weekly homeworks to practice the studied subject.</p> <p>This course requires basic Physics knowledge. It can be taken by BGI PhD students, MSc students from study programme Experimental Geosciences and BSc students enrolled in Physics. Detailed course topics: - Orbital dynamics and Tides - Solar heating and Energy transport - Planetary atmospheres - Planetary surfaces - Planetary interiors - Asteroids and Meteorites - Comets - Magnetospheres - Sun and Stars - Planet formation - Exoplanets and Exobiology</p>

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20790	Mineral Physics II	2	Lec	5	BGI	
28976	Introduction to Geophysics	2	Lec	2 /5	BGI	
28977	Diffraction Methods	2	Lec	4 /5	BGI	Introduction to diffraction methods in Earth sciences, including X-ray diffraction, neutron diffraction and electron diffraction. Determination of crystal structures and other applications.
28978	Diffraction Methods	1	Tut	4	BGI	
28979	Geochemical Thermodynamics	2	Lec	4 /5	BGI	The principles of thermodynamics are described with reference to geological applications mainly involving rocks of the Earth's interior. The course moves rapidly through the introduction of thermodynamic functions and laws to examine how the stability of mineral phase equilibria can be tested in simple and complex systems. Phase relations of fluid and melt bearing systems are examined in addition to the determination of equilibrium conditions from mineral assemblages. Examples focus on the use of thermodynamics in explaining geophysical observations from mantle seismology and geochemical models for the differentiation of the Earth. The course assumes no previous experience of thermodynamic calculations.
28980	Geochemical Thermodynamics	1	Tut	4 /5	BGI	Mineral phase equilibrium calculations are developed using mainly the Solver macro of Excel. Held in conjunction with the course Geochemical Thermodynamics.
28983	Crystal Chemistry of Geophysically Important Materials II	2	Lec	2 /5	BGI	
28985	Seminar Series Experimental Geochemistry and Geophysics	2	Sem		BGI	The BGI seminar series features scientific presentations by external guests and BGI researchers. The seminar is open to MSc students enrolled in Experimental Geosciences and BGI PhD students.
40059	EIMAS African Language Course: Bambara	4	Sem	5	ForCentre IAS	
40517	EIMAS Project Colloquium II	2	Sem	5	ForCentre IAS	
40518	EIMAS Project Colloquium IV	2	Sem		ForCentre IAS	
40519	Religion in /from Africa	2	Sem	5 /6 /10	ForCentre IAS	The course offers multi-disciplinary perspectives on the different religious traditions of the African continent and the diasporas. In particular, it deals with historical and contemporary expressions of Islam, Christianity and so-called African religious traditions: How have these religious expressions been studied so far? How are they interrelated, and how do they connect to epistemological, social and political questions? How do they contribute to local and global dynamics? By dealing with this set of questions, the module introduces theories and methods of a non-normative study of religion.

Key/Abbreviations:

Crs Course
ECTS Credit Points
Ins Internship

Sem Seminar
Lec Lecture
Tut Tutorial

Please check availability of your chosen subject/course by contacting the respective faculty.

You can find contact details at www.uni-bayreuth.de/en/study



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