

# University of Education Weingarten Germany



Global Classroom in Teacher Education

## **Global Classroom in Teacher Education – A Unique Semester Program at University of Education Weingarten**

The "Global Classroom in Teacher Education" is an enriching, one-semester program designed for international exchange students who aspire to deepen their understanding of global education practices, intercultural competencies, and subject-specific didactics. Offered by the University of Education Weingarten, this innovative program combines academic learning with hands-on teaching experience, providing an exceptional opportunity for future educators to engage in a truly international learning environment.

### **Program Structure**

The program consists of four key modules that are thoughtfully designed to create a comprehensive learning journey.

#### **1. International and Intercultural Education**

This module serves as the foundation of the program, introducing students to global educational systems and intercultural learning approaches. Participants explore the diverse cultural perspectives and challenges that shape education today, while learning how to effectively address these challenges in their teaching practices.

#### **2. Intercultural Teaching Practice**

A unique aspect of this program is the emphasis on real-world experience. Through the Intercultural Teaching Practice module, students will have the opportunity to engage in a teaching internship within diverse classrooms, collaborating with local teachers to apply their theoretical knowledge in practical settings. This module fosters skills such as adaptability, empathy, and cross-cultural communication, all of which are essential for effective teaching in today's multicultural classrooms.

#### **3. Subject-Specific Teaching Competences / Didactics**

Tailored to the individual needs and interests of the students, this module offers a wide range of options that allow participants to focus on their subject-specific teaching competencies. Whether it's language, science, mathematics, or any other discipline, students can choose from a variety of electives that align with their academic and professional aspirations. This flexibility ensures that each participant can shape their learning experience to best suit their future career goals as an educator.

#### **4. Introduction to German Language, Culture, and the School System**

For students coming from outside of Germany, this module offers a

comprehensive introduction to the German language, culture, and the German school system. This element not only supports personal integration but also helps students understand the cultural context in which they will be teaching, making it easier to engage with local students and teachers.

## **Why Choose the Global Classroom in Teacher Education?**

- **A Global Perspective**

The program is built to prepare educators for the challenges of teaching in increasingly globalized and multicultural environments. Students are exposed to international teaching methods, educational theories, and classroom practices, giving them an edge in today's diverse educational landscape.

- **Hands-on Experience**

The Intercultural Teaching Practice module provides real-world, classroom-based experience. This hands-on approach is invaluable for developing practical teaching skills and for gaining insights into the teaching profession from an international perspective.

- **Flexibility and Choice**

The subject-specific didactics module allows students to tailor their learning journey according to their own interests and career goals. With a wide range of electives to choose from, participants can deepen their knowledge in their chosen field of education while gaining expertise in innovative teaching methods.

- **Cultural Immersion**

Studying in Germany provides a unique opportunity to immerse oneself in German culture and educational practices. By learning the language and exploring the cultural landscape, students gain a deeper appreciation for the diversity that shapes education globally.

- **International Network**

Participants will connect with fellow exchange students, local educators, and professionals from around the world. This international network fosters collaboration, knowledge exchange, and future professional opportunities, helping students build valuable relationships for their career.

Whether you are looking to broaden your teaching expertise, immerse yourself in a new culture, or develop skills to teach in diverse educational settings, the "Global Classroom in Teacher Education" program at University of Education Weingarten offers a unique and transformative experience.

Module 1: International and Intercultural Education.....	8
International Education Systems, Policies and Practices .....	8
Excursions to regional educational institutions for incoming international students.....	8
Intercultural Learning.....	8
Intercultural Learning.....	8
Module 2: Intercultural Teaching Practice .....	9
Teach and Learn at the Talschule Weingarten.....	9
Module 3: Subject Specific Teaching Competences / Didactics .....	10
Educational Psychology.....	10
Social Cognition in the classroom from Theory to Practice .....	10
English and English didactics .....	11
English for All: Training your English Language Skills .....	11
English Speaking Fluency .....	11
Language Awareness .....	11
Academic Writing .....	11
Advanced Writing.....	12
Introduction to Second Language Acquisition.....	12
Tutorium English: Introduction to Second Language Acquisition .....	12
Introduction to Primary TEFL .....	12
Introduction to Secondary TEFL .....	13
TEFL: ISP Preparation .....	13
TEFL: Task-Based Language Learning Creating Tasks .....	13
Advanced Foreign Language Teaching: Culture: Integrating the SDGs and Culture in the EFL classroom.....	14
Advanced Primary Foreign Language Teaching: Teaching communicative competence in the primary EFL classroom.....	14
Advanced Foreign Language Teaching: Literature: Teaching Shorties .....	14
TEFL Linguistics: Current Issues in ELT .....	15
TEFL Linguistics: Teaching and Learning Vocabulary .....	15
Linguistics 1: Sociolinguistic and Pragmatic Variation of English.....	15
TEFL Linguistics: Current Issues in ELT .....	16

Linguistics 2:.....	16
Advanced Foreign Language Teaching Linguistics: Gamification in the EFL Classroom (Blended Learning Class) .....	16
TEFL: Heterogeneous Classrooms: Including everybody!.....	16
TEFL: Assessing Language Competence .....	17
TEFL: Literature and Culture.....	17
Cultural Studies.....	17
Introduction to Cultural Studies.....	17
Culture 1: UK in text and film .....	17
Culture 2: Indigenous Studies.....	18
Culture 2: Religious Themes in Popular Culture and Literature.....	18
Literature & Culture: Young Adult Film.....	18
Adv. Cultural Studies: USA – Manifest Destiny, Civil War, Civil Rights Movement .....	19
Literature Studies .....	19
Literature 1: Children's Books and Teenage Fiction.....	19
Advanced Literary Studies: Multicultural Literature .....	19
Theology / Religious Studies.....	20
Women and theology: viewpoints, voices and 'vitae' within the Christian tradition.....	20
Religious Themes in Popular Culture and Literature .....	20
Digital Media / Media Education .....	20
Science English.....	20
Teaching and learning with computer-aided media .....	20
Edutainment .....	21
Information visualisation and Visual Analytics.....	21
Information Technology .....	21
Technology-based Learning .....	21
Information Systems .....	21
Media in Education: Development Processes.....	22
Web-Technologies .....	22
Fundamentals of Computer Science.....	22
Object-oriented Programming .....	22

Human-Computer Interaction .....	22
Media Design .....	22
Media Production .....	23
Media Project .....	23
Media Project .....	23
Developing Media Products: Selected Topics .....	23
Innovative Learning Media and Technologies .....	23
Innovative Learning Media and Technologies Project .....	23
Interactive Software Applications .....	24
Media Project .....	24
Interactive Graphics Systems .....	24
Information Visualization and Visual Analytics .....	24
Aspects of Educational Technologies .....	24
Philosophy .....	25
Introduction to Animal Ethics .....	25
The moral crisis of our democracy .....	25
Introduction to feminist Philosophy .....	25
Biology and Biology Didactics .....	26
School Garden as a Learning Space .....	26
Science Practices in Biology Lessons .....	26
Zoology Laboratory .....	26
Biology in Action: Designing and Conducting your own research projects .....	26
Chemistry and Chemistry Didactics .....	27
Chemistry and Sustainability .....	27
Chemistry in Everyday Life .....	27
Physics and Physics Didactics .....	27
Practical Physics .....	27
Physics in Everyday Life .....	27
Science Education .....	28
Arts and Arts Didactics .....	28
Topic-Oriented Seminar: Global Art – Global Art Education .....	28

Topic-Oriented Seminar in connection with the Artist / Art Educator in Residence	
Program .....	28
Music and Music Didactics .....	28
Ensemble direction .....	28
Ensemble music making.....	28
Music in heterogenous groups .....	29
Modul 4: Introduction to German Language, Culture and School System.....	30
German intensive course A1/A2 – B1/B2.....	30
German course A1/A2 – B1/B2 Semester course .....	30
Articulatory Phonetics for foreign Students studying German as a Foreign language.....	30

# Module 1: International and Intercultural Education

## International Education Systems, Policies and Practices

**Winter and Summer Semester**

**BA and MA**

**3 Credit Points**

This seminar is aimed at incoming international students as well as students of UoE Weingarten who plan to go abroad or have already done so. After introducing students to the current state of the German / Baden-Württemberg educational system and to current issues in education, international teams of students will give internationally comparative presentations on current issues in education. The seminar is combined with 2-3 excursions to regional educational institutions (such as museums, schools, nature reserve information centres...), it is necessary to subscribe to the respective separate course in LSF.

## Excursions to regional educational institutions for incoming international students

### Intercultural Learning

**Winter and Summer Semester**

**BA and MA**

**2 Credit Points**

The seminar "International Education: Systems, Policies and Practices" is complemented by 2-3 one-day excursions for incoming international students. During the excursions participants are introduced to educational approaches implemented at different educational institutions (such as museums etc.), as well as to aspects of regional educational history. Dates of the excursions are to be determined together with participants to coordinate with their learning schedules. Participants are expected to hand in written assignments reflecting on the topics introduced during the excursions and relating them to the contexts of their home countries.



### Intercultural Learning

**Summer Semester**

**BA and MA**

**3/5 Credit Points**

What is the meaning of intercultural competence within a globalized society? This is the focal question dealt with in the bilingual seminar. It is aimed to work on reflection- and action-competences concerning an intercultural-globalized context. The seminar offers a combination of theoretical and practical parts. Active participation is expected; i.e. working on the offered sources, preparing a presentation with others and being ready to reflect on the experiences and share this with others.

## Module 2: Intercultural Teaching Practice

### Teach and Learn at the Talschule Weingarten

#### School Teaching Internship

#### Winter and Summer Semester

#### BA and MA

#### 3/5 Credit Points

The Internship at the Talschule Weingarten provides an opportunity for international students to gain experience in a primary school setting.

- The students are supported in planning and performing their 'Teach-Learn-Sequences'
- Students receive feedback and constructive input to improve teaching and also for their professional decision-making
- Students get an inside look at the German school environment
- They gain valuable knowledge as well as language training in either German or English.

At the beginning of the internship, the students choose a topic from the class education plan and work on this with the pupils. Subjects in the plan for the primary school are, for example:

- Bird migration
- Animal hibernation
- Introduction of the country represented by the students
- Presentation of traditions or festivals of the various countries
- Autumn / Winter decorations
- Themes from Maths or General Subjects.

Classes are for 90 minutes with a 30-minute feed back and discussion session afterwards. The class is generally taught by one person or in tandem with another student. Teachers from the school as well as from the university are available to assist the students when preparing and to offer materials for use.

Reflective learning encourages intercultural exchange. It also makes it possible to observe new perspectives and important learning experiences. The student's own 'Teach-Learn-Sequence' will be observed by their peers, teachers and university Lecturers and discussed afterwards. The criteria for this is the previously compiled observation catalog "What should we observe and reflect on?".

It is worth noting that the pupils from the primary school also highly profit from the internship. The friendly and outgoing internships bring fun, cultural traditions and many new impressions from other countries into their classroom

## Module 3: Subject Specific Teaching Competences / Didactics

Educational Psychology

Social Cognition in the classroom from Theory to Practice

Psy01102

Summer Semester

BA

3 Credit Points

In this seminar, we study what social cognition is and how we can use its interesting findings in the classroom. In this seminar we benefit from psychology, social, and cognitive studies. So, if you are looking for learning state-of-the-art teaching perspectives and understanding people from newly researched findings then join us. You will also learn body language to trace pain, passion, lie, comfort, and so on! Many facts to understand every individual better in your communications!



## English and English didactics

### English for All: Training your English Language Skills

Eng01030

Winter and Summer Semester

BA and MA

3 Credit Points

You would like to brush up and expand your English skills? Then come and join the course 'English for all'. A variety of different activities, exercises and worksheets will help you to improve your speaking, listening, reading and writing skills in English. The course will cover topics on current news and issues, everyday language, culture, society, people, geography, history, etc. Grammar topics will be adjusted according to the needs of the participants. Participants should bring along A2/B1 level English skills.

## English Speaking Fluency

Eng03002

Winter and Summer Semester

BA and MA

0 Credit Points

Description to follow

## Language Awareness

Eng00001

Winter and Summer Semester

BA and MA

3 Credit Points

Through a variety of communicative approaches, we

will discover, learn, and practice different aspects of the English language with a strong focus on grammar. Theoretical material as well as practical tasks and activities will be included in this course. The class language is English and you are encouraged and expected to participate actively in English. You can do it! Assessment is dependent on your study program. It may be a learning log, essay, or exam. Students will be informed in class.



## Academic Writing

Eng01003

Winter and Summer Semester

BA and MA

3 Credit Points

This course will give you the opportunity to improve your academic writing skills and research skills through a variety of activities and exercises. These include developing critical reading skills in order to evaluate sources, writing a research essay, and providing feedback on each other's work. To pass this course, 60% of assignments and the final research paper must be completed by the assigned due dates.

## Advanced Writing

Eng01012 and Eng01005

Winter and Summer Semester

BA and MA

3 Credit Points

In this course, you will improve your writing skills by reading and analyzing texts as well as writing a variety of texts including a collaborative story, found poetry, and reviews. To pass this course, 60% of assignments must be completed by the due dates.

## Introduction to Second Language Acquisition

Eng01021

Winter and Summer Semester

BA and MA

3 Credit Points

This course aims to deepen and broaden students' understanding of second language acquisition and learning by introducing influential theoretical models of first and second language acquisition. It offers a general introduction to scientific research into how people learn a second language, as well as key psychological factors underpinning language development.

## Tutorium English: Introduction to Second Language Acquisition

Eng03001

Winter and Summer Semester

BA

0 Credit Points

Description to follow

## Introduction to Primary TEFL

Eng01009

Winter Semester

BA

3 Credit Points

The seminar offers an introduction to the principles and procedures of teaching English in the Primary School classroom. Apart from the theoretical background of teaching English to young learners the course will also provide practical examples to illustrate the theory.

## Introduction to Secondary TEFL

Eng00002

Winter Semester

BA

3 Credit Points

The seminar introduces the principles, methods and procedures of teaching English as a foreign language in secondary schools. It also deals with special didactic aspects such as reciprocal teaching, using work stations in lesson, etc. Apart from the theoretical background of teaching English to learners of secondary schools, the course will also provide practical examples to illustrate the theory.

## TEFL: ISP Preparation

Eng01010

Winter and Summer Semester

BA and MA

3 Credit Points

This seminar combines the theoretical background of foreign language teaching with an introduction to lesson planning. Thus, students are supposed to change their perspective from student to teacher and prepare for their ISP. The different parts of a detailed lesson plan will be looked at.

## TEFL: Task-Based Language Learning Creating Tasks

Eng01014

Winter and Summer Semester

BA and MA

3 Credit Points

Task-based language learning (TBLL) and teaching (TBLT) refers to a strong version of Communicative Language Teaching. As described in the CEFR (Council of Europe 2001), as well as demanded in the German "Bildungsplan" the overall aim of English as a Foreign Language Learning and Teaching is that students acquire intercultural communicative competence in a task-based way. In this seminar we want to take a closer look at tasks and what differentiates them from 'simple' exercises. We will explore in how far they are suitable to cater to necessary conditions in terms of foreign language learning – Input, Interaction, Output – and variables that influence language learning. Accordingly, we will be looking at linguistic, psycholinguistic, (neuro)psychological foundations, as well as methodological perspectives. After having dealt with these theoretical foundations the participants of this seminar are supposed to analyse and reflect on tasks as well as finally create tasks that are suitable for heterogenous learner groups in primary and secondary classrooms.

## Advanced Foreign Language Teaching: Culture: Integrating the SDGs and Culture in the EFL classroom

**Eng01019**

**Winter Semester**

**MA**

**5 Credit Points**

The Sustainable Development Goals (SDGs) are 17 goals defined by the United Nations to tackle the world's largest problems by 2030. Studying the goals is part of a broader, international approach to learning. We will take a Task-Based approach to integrating these culture and global sustainability issues as well as create material for various EFL classroom contexts. This course is also conceived as part of a "virtual exchange," that will link our class to 2 colleagues' classes in Israel. You will work together in small project groups on collaborative tasks, developing your language, intercultural competence and digital skills. The virtual exchange will take place from Nov. 1 – Dec. 20, and your project groups will meet on a weekly basis. PLEASE NOTE: If you wish to enroll for this class, in addition to our class time, you will be required to attend the two virtual class meetings with all the students in Israel as well as meet on a weekly basis with your project group throughout the 6 weeks of our exchange.

## Advanced Primary Foreign Language Teaching: Teaching communicative competence in the primary EFL classroom

**Eng01026**

**Winter and Summer Semester**

**MA**

**5 Credit Points**

Description of contents: This master class deals with fostering students' oral language competence in the primary EFL classroom. The CEFR names different speaking opportunities like "reading... aloud, speaking from notes... or visual aids (diagrams, pictures / charts etc.), acting out a rehearsed role, speaking spontaneously, singing". How can these opportunities be used for active language production in the primary EFL classroom? We are going to have a look at the different possibilities and develop classroom ideas and media to increase students' oral language production.

## Advanced Foreign Language Teaching: Literature: Teaching Shorties

**Eng01022**

**Winter and Summer Semester**

**MA**

**5 Credit Points**

This course takes various short narrative texts, poems, and one-act plays or sketches into account. How can be dealt with them in the EFL-classroom, which teaching approaches are relevant and what are their potentials and challenges.

### TEFL Linguistics: Current Issues in ELT

Eng01017

Winter and Summer Semester

BA and MA

3 Credit Points

Description to follow

### TEFL Linguistics: Teaching and Learning Vocabulary

Eng01018

Winter and Summer Semester

BA

3 Credit Points

Description to follow

### Linguistics 1: Sociolinguistic and Pragmatic Variation of English

Eng01015

Winter and Summer Semester

BA and MA

3/5 Credit Points

Students who have learnt English in EFL-classrooms are sometimes surprised when they travel to English-speaking countries and encounter varieties of English that sound different from the variety they have been exposed to at school. Just like the German language, the English language is characterized by many regional varieties that may be quite different from so-called 'standard' varieties such as RP (Received Pronunciation) or GA (General American). The main purpose of this course is to make students aware of principal distinguishing features of different varieties of English. We will also examine 'social dialects' by discussing the influence of factors such as class, professional status, age, ethnic background and sex on language use.



## TEFL Linguistics: Current Issues in ELT

Eng01023

Winter and Summer Semester

BA and MA

3 Credit Points

Description to follow

## Linguistics 2:

Eng01017

Winter and Summer Semester

BA

3 Credit Points

Description to follow

## Advanced Foreign Language Teaching Linguistics: Gamification in the EFL Classroom (Blended Learning Class)

Eng02029

Winter Semester

MA

5 Credit Points

During the course, we will investigate ways how gamification can be incorporated into the foreign language classroom. The students will get to know various concepts of gamification, they will research materials, and evaluate games/gamified teaching material. They will develop one gamified teaching project and they will carry it out in cooperating classrooms while researching critical aspects. The teaching unit will be taught in schools between appr. 2.12. and 12.12. Later, they will present the project process and research results to the seminar.

## TEFL: Heterogeneous Classrooms: Including everybody!

Eng01004

Winter and Summer Semester

BA

3 Credit Points

In the past decades, academic diversity in schools has increased substantially. Apart from 'general' individual differences, there are larger numbers of second-language learners in our schools, many different cultures, as well as an increasing number of students with Special Educational Needs.

How does EFLT respond to the growing diversity in our classrooms and how can English teachers ensure that all students are included? In this seminar we will be looking at approaches and teaching strategies suitable to cater to all individuals in our heterogeneous EFL-classrooms.



## TEFL: Assessing Language Competence

Eng01018

Winter and Summer Semester

BA and MA

3 Credit Points

The seminar deals with the different language skills and how they can be taught and assessed in the EFL classroom. Apart from this, the participants will also be given the chance to self-assess their own language performance. Takes place online.

## TEFL: Literature and Culture

Eng01025

Winter and Summer Semester

BA

3 Credit Points

This course aims to improve the intercultural competences of the students through critical reading, thinking and self-reflection based on different literary texts. It will provide students with various tools and texts that can be used to improve intercultural communicative competence.

## Cultural Studies

### Introduction to Cultural Studies

Eng01008

Winter Semester

BA and MA

3 Credit Points

In this course, we will gain insight into the field of cultural studies, a study of culture, and make connections with the EFL classroom. To do this, we will read, watch, examine, think about, respond to, and discuss a variety of topics, texts, and media. We will learn about "cultural studies", research topics related to cultural studies, read critically, discuss different topics, and produce individual and collaborative work. A variety of assignments will be completed inside and outside of the classroom. To pass this course, students must complete 60% of all assignments by the due dates.

## Culture 1: UK in text and film

Eng01011

Winter and Summer Semester

BA

3 Credit Points

This course offers an overview of some major developments and transformations in British literature and culture. With its focus on history it will make students familiar with the key events in British History. We will also have a look at some films that are closely connected with the cultural topics.

## Culture 2: Indigenous Studies

**Eng01001**

**Winter and Summer Semester**

**BA and MA**

**3 Credit Points**

This course will give an overview of the struggles, challenges, and victories of the Indigenous Peoples of Canada. History, geography, and terminology (Can "Indian" be used?) will be introduced. Students will be afforded the opportunity to discuss the issues facing the First Nations and come to a better understanding of the interaction between them and the rest of the world. Students are not required to have previous knowledge of the topic to participate in the course.

## Culture 2: Religious Themes in Popular Culture and Literature

**Rel01028**

**Summer Semester**

**BA and MA**

**3 Credit Points**

The seminar will explore religious themes in our world and lives. Students will gain a deeper understanding of how religious themes continue to shape our contemporary world and contribute to ongoing discussions about identity, culture, and society. Various media such as film, literature, and music will be included in this course.

## Literature & Culture: Young Adult Film

**Eng01020**

**Winter and Summer Semester**

**BA and MA**

**3/5 Credit Points**

The seminar will discuss the nature and evolution of young adult films with particular emphasis on their current condition and their value to their intended audience. Another focus will be the cultural analysis of the films. This literature seminar is based on the theoretical maxim that films should be considered literary works. Therefore, the reception of whole films is mandatory. Watching and streaming/buying films It will be necessary to watch films primarily outside regular class time. I pre-selected films that are either free of charge or mostly rather cheap (and can be streamed or bought from different streaming services). An alternative might be that you coordinate with other students to buy films in turn.

## Adv. Cultural Studies: USA – Manifest Destiny, Civil War, Civil Rights Movement

Eng01041

Winter and Summer Semester

MA

5 Credit Points

This course is designed to help you develop an informed perspective on US American history and its challenges. The class is conceived of as a complement to a more general cultural studies course. Therefore, instead of focusing on a wide range of topics and contexts, we will only engage in a few particularly significant case studies that is Manifest Destiny, American Civil War and Civil Rights Movement. We might also watch films within and after seminar sessions.

## Literature Studies

### Literature 1: Children's Books and Teenage Fiction

Eng01013

Winter and Summer Semester

BA

3 Credit Points

Description to follow

## Advanced Literary Studies: Multicultural Literature

Eng01043

Winter and Summer Semester

MA

5 Credit Points

This course is a survey of literature by writers and directors with distinct national, social, or ethnic identities. This survey involves reading, analyzing, and interpreting significant literary works within their historical, social, and cultural contexts. Diversity in literature goes beyond ethnicity. Diversity may include the various facets of sexuality and gender, cultural, and societal groups. The seminar will discuss the nature and evolution of multicultural literature with particular emphasis on its current condition and its value to its intended readership. As this literature seminar is also based on the theoretical maxim that films should be considered literary works, we will also include multicultural films in our discussions. Since the reception of whole films is mandatory too, you may have to buy films as well as books.

## Theology / Religious Studies

### Women and theology: viewpoints, voices and 'vitae' within the Christian tradition

Rel01090

Winter Semester

BA and MA

3 Credit Points

This course is open to all students who had English as a subject at school. We will be reviewing themes such as religion and theology, and the roles and ideas of female authors and of historical figures. We will consult both historical texts and contemporary media (print and visual). Texts from various sources will be considered and discussions and exercises will stimulate a conversation between the positions represented by these texts and notions commonly found within the Christian theological and spiritual tradition. The language of instruction is English and participants will be encouraged to take part in our class discussions in accordance with their language.

## Religious Themes in Popular Culture and Literature

Rel01028

Summer Semester

BA and MA

3 Credit Points

The seminar will explore religious themes in our world and lives. Students will gain a deeper understanding of how religious themes continue to shape our contemporary world and contribute to ongoing discussions about identity, culture, and society. Various media such as film, literature, and music will be included in this course.

## Digital Media / Media Education

### Science English

Md01026

Summer Semester

BA and MA

2 Credit Points

Description to follow



## Teaching and learning with computer-aided media

Md01013

Winter and Summer Semester

BA and MA

2 Credit Points

This course provides an overview on the fundamentals of technology-based learning, underlying theories, models, and standards, as well as tools and application examples.

## Edutainment

Md01027

Winter Semester

BA and MA

2 Credit Points

This course introduces theoretical basics of game-based learning and serious games. Further topics are: Interactive Digital Storytelling, Interactive Videos, Location Based Applications and learning with tangibles.

## Information visualisation and Visual Analytics

Md01019

Winter Semester

MA

5 Credit Points

Description to follow

## Information Technology

Winter Semester

BA

2 Credit Points

Computers and their components, Operation Systems, Standard applications

## Technology-based Learning

Winter and Summer Semester

BA

3 Credit Points

Fundamentals of Technology-based Learning, E-Learning, Social Learning, Mobile Learning, Design and Development, Evaluation

## Information Systems

Summer Semester

BA

3 Credit Points

Databases, SQL, Database Design, Entity Relationship Model, Web-based Information Systems, PHP



## Media in Education: Development Processes

Summer Semester

BA

3 Credit Points

Requirement Analysis, Conceptual Design, User-centered Design

## Web-Technologies

Winter Semester

BA

2 Credit Points

HTML, CSS, Web-Pages

## Fundamentals of Computer Science

Winter Semester

BA

2 Credit Points

Fundamental concepts in Computer Science, Algorithms, UML, Sorting, Search

## Object-oriented Programming

Winter Semester

BA

6 Credit Points

Programming in Ruby: Data Types, Data Structures, Objects and Classes, Assignment and Control Structures, Functions and Methods, Test-driven Development, Graphical User Interfaces with Shoes

## Human-Computer Interaction

Summer Semester

BA

3 Credit Points

User-experience Design, Scenario-based Design, Usability Engineering, Usability Testing and Evaluation, HCI Technologies, HCI Tools, Design Patterns

## Media Design

Winter Semester

BA

3 Credit Points

Fundamental Concepts in Graphics Design, Design Process, Prototyping, Interaction Design, Document Layout, Web-Site Design, Responsive Design

## Media Production

Winter Semester

BA

3 Credit Points

Document Layout (e.g. with Adobe InDesign), Image Processing (e.g. with Adobe Photoshop), Interactive Elements for Web-Pages with JavaScript and AJAX

## Media Project

Winter Semester

BA

2 Credit Points

Teamwork: Usability Testing, Determining Problems, Re-Design, Prototypical Implementation and Evaluation for a given Web-Page or Media Product

## Media Project

Summer Semester

BA

8 Credit Points

Teamwork: Usability Testing, Determining Problems, Re-Design, Prototypical Implementation and Evaluation for a given Web Page or Media Product

## Developing Media Products: Selected Topics

Summer Semester

BA

3 Credit Points

AJAX, JQuery, Content Management Systems, Web-Applications with Rails, Managing Software Projects, Responsive Design

## Innovative Learning Media and Technologies

Winter Semester

BA

2 Credit Points

Fundamentals of Edutainment, Game-based Learning, Serious Games, Interactive Digital Storytelling, Game Design, Development Tools, Technologies

## Innovative Learning Media and Technologies Project

Summer Semester

BA

3 Credit Points

Teamwork: Developing an Edutainment Product

## Interactive Software Applications

Winter Semester

MA

3 Credit Points

Object-oriented Programming, Agile Techniques, Design Patterns, Interaction Design, Web-Frameworks

## Media Project

Summer Semester

MA

5 Credit Points

Teamwork: Developing of a highly interactive media application

## Interactive Graphics Systems

Summer Semester

MA

3 Credit Points

3D Graphics: Modeling, texturing, lightning, photorealistic rendering, animation, simulation; Virtual Reality, Augmented Reality, tools (e.g., Blender, Unity)

## Information Visualization and Visual Analytics

Winter Semester

MA

3 Credit Points

Data representation, goals for visualization, visual variables, standard graphs and charts, visualization of multivariate data, visualization of time-dependent data, interactive visualization, best practices, information graphics, tools (e.g., Tableau, Vega, R, D3)

## Aspects of Educational Technologies

Winter Semester

MA

3 Credit Points

Current aspects from the EdTech sector: social learning, AI in teaching, AR/VR in teaching, making and makerspaces, future skills

## Philosophy

### Introduction to Animal Ethics

PE01008

Summer Semester

BA and MA

3 Credit Points

In this seminar we will begin by considering ontological questions such as: what constitutes an animal, or to what extent are humans and animals to be considered as separate entities? We will then consider questions of animal ethics.

We will therefore examine how humans interact with animals (e.g. wild, domestic, farmed) from different ethical perspectives.



### The moral crisis of our democracy

PE01001

Summer Semester

BA and MA

3/5 Credit Points

Description to follow

### Introduction to feminist Philosophy

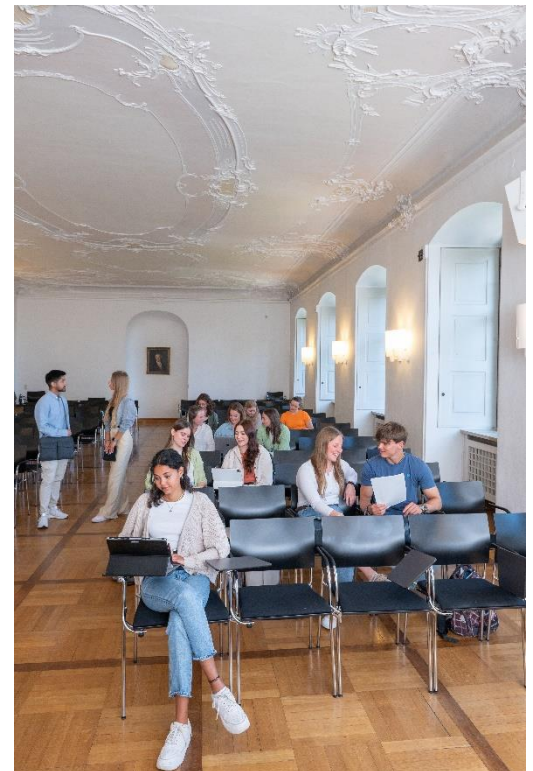
PE01009

Summer Semester

BA and MA

3/5 Credit Points

This seminar will provide an introduction to feminism, its history and current developments. We will do this by reading and critically reflecting on a selection of key feminist texts. The question of the relationship between feminism and philosophy will also be discussed. The seminar is open to all interested students, regardless of gender!



## Biology and Biology Didactics

### School Garden as a Learning Space

Bio02032

Winter and Summer Semester

BA

3 Credit Points

In the summer and winter semesters, one seminar each is offered: Learning in the School Garden Summer Course/ Learning in the School Garden Winter Course. If a more in-depth study of the school garden is desired, both seminars can be attended as elective courses. This offers the advantage of getting to know the garden and the work in the garden throughout the year. The winter course takes place every 14 days. In addition, there are two block dates in February and March.

## Science Practices in Biology Lessons

Bio01009

Winter and Summer Semester

BA

3 Credit Points

The course deals with different scientific practices. It is about their importance for scientific cognition processes, but also about their implementation in the classroom within the framework of scientific literacy.

## Zoology Laboratory

Bio01013

Winter and Summer Semester

BA and MA

3 Credit Points

The zoology laboratory course teaches the basics of zoology using practical examples. This involves working with organisms from different systematic groups. Dissections are also carried out as part of the course.

## Biology in Action: Designing and Conducting your own research projects

Bio01033

Winter and Summer Semester

MA

5 Credit Points

The course supports work on self-selected project topics in the field of biology. The course content is open and ranges from environmental conservation projects in collaboration with local environmental organizations to digital projects in the field of virtual reality.

## Chemistry and Chemistry Didactics

### Chemistry and Sustainability

Che00011 / Che00012

Winter Semester

BA

3 + 3 Credit Points (Laboratory and Seminar).

This course covers sustainability topics in theory and practice



## Chemistry in Everyday Life

Che01001

Summer Semester

MA

5 Credit Points

This course investigates and analyses everyday scientific phenomena.

## Physics and Physics Didactics

### Practical Physics

Phy01008

Summer Semester

BA

3 Credit Points

The course introduces students to typical experiments from all areas of physics. The experiments are suitable for teaching and are also fun. Appointments weekly or by arrangement.

## Physics in Everyday Life

Phy01007

Winter and Summer Semester

BA

3 Credit Points

Learning in everyday contexts makes science learning more engaging but also more complex. The course examines examples and combines physics with interdisciplinary perspectives from technology, other natural sciences, or the topic of sustainability.

## Science Education

Phy01003 Summer Semester

MA

5 Credit Points

Physics education involves a broad spectrum of science education topics, ranging from methodology and media to issues of lesson planning and classroom management. The course covers fundamental concepts and practical applications.

## Arts and Arts Didactics

Topic-Oriented Seminar: Global Art – Global Art Education

Ku01011

Winter and Summer Semester

BA and MA

3 Credit Points

Description to follow

Topic-Oriented Seminar in connection with the Artist / Art Educator in Residence Program

BA and MA

Description of the topic-oriented range of courses in art and its didactics: The topic-oriented study seminars in Art and its didactics combine art-historical, image-scientific, artistic-practical and art-didactic approaches around a thematic focus.

## Music and Music Didactics

Ensemble direction

This seminar is about leading ensembles – choirs, bands, orchestras, mixed groups ... Conducting techniques are covered as well as rehearsal techniques. Classical and modern conducting techniques are treated on an equal footing, as are different musical styles. You will practise conducting a group and reflect on your progress.

Ensemble music making

Various courses

Winter and Summer Semester

BA and MA

2 Credit Points

Making music in an ensemble is an integral part of the music education teacher training program. Experience with a wide range of musical styles, with interaction in ensembles and between ensemble and ensemble leader is essential in order to be able to lead



ensembles yourself. There are various ensembles to choose from in which you can apply and expand your previously acquired practical music skills.

### Music in heterogenous groups

**Mu06005**

**Winter and Summer Semester**

**BA**

**3 Credit Points**

Heterogeneity and inclusion are perceived as challenges of our time. This seminar focuses on the question of how music can be made successfully in heterogeneous groups, especially if you do not have the instruments of 'classical' groups such as big bands or orchestras and if the abilities of the musicians are very diverse. Last but not least, the course reflects on the extent to which such heterogeneous groups are less of a loss than a gain compared to 'classical' groups and to what extent this is associated with fundamental music pedagogical insights for dealing with music.

## Modul 4: Introduction to German Language, Culture and School System

### German intensive course A1/A2 – B1/B2

**Winter and Summer Semester**

**BA and MA**

**2 Credit Points**

The German intensive course aims to prepare the students for their time in Weingarten and to help them get acquainted with the university. At the beginning of the course, the exchange students have the opportunity to get to know each other, exchange experiences and connect. The courses are then separated into the levels A1 / A2 and B1 / B2 and gives them language training

### German course A1/A2 – B1/B2 Semester course

**Winter and Summer Semester**

**BA and MA**

**3/4 Credit Points**

The German course throughout the semester is divided into students with little to no knowledge of German (A1 / A2) and more advanced students (minimum language level B1) and are geared to international students from our partner universities. The courses impart university specific language competences to the students and accompany the students during their time in Weingarten. Within the framework of the course, all skills (listening and reading comprehension, speaking, writing) are practiced and regional studies about Germany and Europe are discussed. We attach importance to selecting the contents of the course by according to the students' interests. The course concentrates on listening and reading comprehension, speaking as well as written communication. The courses main focus is building on and training the communication skills through competency and learning by doing. The students learn the skills as 'independent users' according to the CEF (Common European Framework of Reference for Languages) and complete exam preparation for the levels A1 – B2.2.

### Articulatory Phonetics for foreign Students studying German as a Foreign language

**Deu06018**

**Winter and Summer Semester**

**BA and MA**

**2 Credit Points**

The exercises range from the basics of listening to the difference in words, pronunciation and gaining self-confidence to express oneself spontaneously in the German language. Themes: Standard Language Analysis / Pronunciation German, Articulatory Phonetics: starting from syllables, Practicing words and sentences up to free speaking