Archeology, Heritage Sciences and Art History

Introduction to Geographic Information Systems in Archeology using QGIS
Exercise, 2 hrs per week, 3 ECTS, winter semester 2018/2019
Instructor: Mikolaj Kostyrko

Communication Sciences

Media Linguistics
Undergraduate seminar, 2 hrs per week, 6 ECTS, winter semester 2018/2019
Instructor: Hendrik Michael

Economics and Business Administration

Some courses taught in English are on the graduate level. However, foreign undergrads can be admitted to these classes if they have the necessary prerequisites in the relevant field. Undergraduate students are thus advised to contact the Instructors beforehand to discuss whether or not they can participate. Additional courses can be found here: https://www.uni-bamberg.de/fileadmin/uni/verwaltung/auslandsamt/Incoming/ECTS-Guide_201617_final.pdf
Contact details can be found via http://univis.uni-bamberg.de

Personality Psychology and Economics
Undergraduate seminar, 2 hrs per week, 6 ECTS, winter semester 2018/2019
Instructor: Prof. Dr. Guido Heineck

Implementation and Diffusion of Innovations
Graduate lecture, multimedia-based learning simulation, multimedia-based case studies, learning Videos, 3 hrs per week, 6 ECTS, winter and summer semester 2018/2019
Instructor: Prof. Dr. Filaster with research assistants
Please note: information regarding the registration can be found via UnivIS
Research Seminar on International Innovation Strategies
Graduate lecture, multimedia-based learning simulation, multimedia-based case studies, learning videos, 3 hrs per week, 6 ECTS, winter and summer semester 2018/2019
Instructor: Prof. Dr. Filaster with research assistants
Please note: information regarding the registration can be found via UnivIS

Organizational Innovativeness and Creativity
Graduate lecture, multimedia-based case studies, learning videos, 3 hrs per week, 6 ECTS, winter and summer semester 2018/2019
Instructor: Prof. Dr. Filaster with research assistants
Please note: information regarding the registration can be found via UnivIS

Managing Dynamic Organisations
Graduate lecture, 2 hrs per week, 6 ECTS, winter semester 2018/2019
Instructor: Prof. Dr. Angela Fehn

Norms in International Relations
Graduate seminar, 2 hrs per week, 8 ECTS, winter semester 2018/2019
Instructor: Prof. Dr. Monika Heupel

Organisation Theory and Research Methods
Graduate seminar, 4 hrs per week, 6 ECTS, winter and summer semester 2018/2019
Instructor: Prof. Dr. Angela Fehn

Financial Engineering and Systemic Risk
Graduate lecture and tutorial, 4 hrs per week, 6 ECTS, winter semester 2018/2019
Instructor: Prof. Mishael Milaković, PhD/ Dr. Philipp Mundt

Complexity and Distribution in Economics
Graduate lecture and tutorial, 4 hrs per week, 6 ECTS, winter semester 2018/2019
Instructor: Prof. Mishael Milaković, PhD

Advanced Macroeconomics
Graduate lecture and tutorial, 2 hrs per week, 6 ECTS, winter semester 2018/2019
Instructor: Dr. Joep Lustenhouwer

Disequilibrium and Behavioral Macroeconomics
Graduate lecture and tutorial, 2 hrs per week, 6 ECTS, winter semester 2018/2019
Instructor: Dr. Tomasz Makarewicz

Macroeconomic Analysis
Graduate lecture and tutorial, 2 hrs per week, 6 ECTS, winter semester 2018/2019
Instructor: Dr. Tomasz Makarewicz

Change Management
Graduate seminar and exercise, 2 hrs per week, 6 ECTS, winter semester 2018/2019
Instructor: N.N.
**Applied Economic Research 2: Disequilibrium and Behavioral Macroeconomics**
Graduate lecture, 2 hrs per week, 6 ECTS, winter semester 2018/2019
Instructor: Dr. Tomasz Makarewicz

**Applied Economic Research 1: Macroeconometric Analysis**
Graduate lecture, 2 hrs per week, 6 ECTS, winter semester 2018/2019
Instructor: Dr. Tomasz Makarewicz

**Leadership and Management Development**
Graduate seminar and exercise, 2 hrs per week, 6 ECTS, winter semester 2018/2019
Instructor: N.N.

**Advanced Techniques in Cross-Sectional Analysis**
Graduate seminar, 4 hrs per week, 12 ECTS, winter semester 2018/2019
Instructor: Dr. Peter Valet

**Advanced Techniques in Longitudinal Analysis**
Graduate seminar, 4 hrs per week, 12 ECTS, winter semester 2018/2019
Instructor: Prof. Dr. Michael Gebel, Sonja Scheuring

**Advanced Techniques in Multi-Level Analysis and International Comparison**
Graduate seminar, 4 hrs per week, 12 ECTS, winter semester 2018/2019
Instructor: N.N.

**Advanced topics in Housing-Market-Related Boom-Bust Cycles**
Graduate lecture and tutorial, 3 hrs per week (block seminar), 6 ECTS, winter semester 2018/2019
Instructor: Dr. Thomas Theobald

**Introduction to Marketing Intelligence**
Undergraduate seminar and exercise, 2 hrs per week, 6 ECTS, winter semester 2018/2019
Instructor: Prof. Dr. Björn Ivens

**Evolution Learning and Behavior**
Graduate lecture and exercise, 2 hrs per week, 6 ECTS, winter semester 2018/2019
Instructor: Prof. Dr. Florian Herold

**Organisational Crisis Management**
Graduate lecture, 2 hrs per week, 6 ECTS, winter semester 2018/2019
Instructor: Prof. Dr. Alexander Fliaster, Philipp Laut
Language: German (optional in English); case studies and videos in English

**Organisational Behaviour**
Undergraduate seminar-like lesson and exercise, 3 hrs per week, 6 ECTS, winter semester 2018/2019
Instructor: Prof. Dr. Maike Andresen
Prerequisites: written English, oral German or English (depending on demand)
Advanced International Financial Reporting
Graduate seminar, 2 hrs per week, 6 ECTS, winter semester 2018/2019
Instructor: Prof. Dr. Francesco Mazzi

Customer Management
Undergraduate seminar, 3 hrs per week, 6 ECTS, winter semester 2018/2019
Instructor: Prof. Dr. Björn Ivens

Business-to-Business Marketing and Purchasing
Graduate seminar, 3 hrs per week, 6 ECTS, winter semester 2018/2019
Instructor: Prof. Dr. Björn Ivens

Global Marketing
Undergraduate seminar, 3 hrs per week, 6 ECTS, winter semester 2018/2019
Instructor: Jasmin Feste

Brand Management
Graduate seminar, 3 hrs per week, 6 ECTS, winter semester 2018/2019
Instructor: Leonore Peters

Intercultural Challenges in Customer and Account Management
Graduate seminar, 3 hrs per week, 6 ECTS, winter semester 2018/2019
Instructor: Ilaria Carrara Cagni

Public Economic Theory
Graduate lecture (+ exercise), 4 hrs per week, 6 ECTS, winter semester 2018/2019
Instructor: Prof. Dr. Marco Sahm
Prerequisites: Microeconomics I + II, Introduction to Public Economics

Theory and Politics of European Economic Integration
Undergraduate lecture, 2 hrs per week, 6 ECTS, winter semester 2018/2019
Instructor: Prof. Dr. Herbert Brücker, Dr. Ehsan Vallizadeh

Cases in Corporate Finance
Undergraduate seminar, 2 hrs per week, 6 ECTS, winter semester 2018/2019
Instructor: Prof. Dr. Matthias Muck

Advanced Microeconomics
Graduate lecture, 2 hrs per week, 2 ECTS, winter semester 2018/2019
Instructor: Prof. Dr. Florian Herold

Topics in Economic Theory
Undergraduate seminar, 2 hrs per week, 2 ECTS, winter semester 2018/2019
Instructor: Prof. Dr. Florian Herold

Evolution, Learning and Behaviour
Graduate lecture, 2 hrs per week, 2 ECTS, winter semester 2018/2019
Instructor: Prof. Dr. Florian Herold
Political Economics
Graduate lecture, 2 hrs per week, 2 ECTS, winter semester 2018/2019
Instructor: Prof. Dr. Florian Herold

Business English

Business English I: Economics
Undergraduate exercise, 2 hrs per week, 3 ECTS winter semester 2018/2019
Instructor: TBA

Business English III: Management
Undergraduate exercise, 2 hrs per week, 3 ECTS, winter semester 2018/2019
Instructor: TBA

Business English V: Cross-cultural Issues
Graduate exercise, 2 hrs per week, 3 ECTS, winter semester 2018/2019
Instructor: TBA

Business English VII: Legal Issues
Graduate exercise, 2 hrs per week, 3 ECTS, winter semester 2018/2019
Instructor: TBA

Education

Theories of Educational Quality III: School and system quality
Graduate seminar, 2 hrs per week, 5 ECTS, winter semester 2018/2019
Instructor: Prof. Dr. Annette Scheunpflug, Dr. Susanne Krogull, Hans Schmid
Prerequisites: Enrollment in the Master’s program „Educational Quality in Developing Countries“

Development of Quality II: Profiling private schools in difficult conditions
Graduate seminar, 3 hrs per week, 5 ECTS, winter semester 2018/2019
Instructor: Dr. Susanne Krogull, Hans Schmid, Prof. Dr. Annette Scheunpflug
Prerequisites: Enrollment in the Master’s program „Educational Quality in Developing Countries“

Project I: Theory and practice of project planning, presentation and evaluation
Graduate seminar, 3 hrs per week, 5 ECTS, winter semester 2018/2019
Instructor: Ingo Müller
Prerequisites: Enrollment in the Master’s program „Educational Quality in Developing Countries“

Project II: Project Planning
Graduate seminar, 3 hrs per week, 3 ECTS, winter semester 2018/2019
Instructor: Dr. Susanne Krogull
Prerequisites: Enrollment in the Master’s program „Educational Quality in Developing Countries“
General Linguistics

**An Introduction to Linguistics**
Undergraduate seminar, 2 hrs per week, 6 ECTS, winter semester 2018/2019
Instructor: Nicholas Peterson

**An Introduction to Linguistics** (= VL für Romanisten "Einführung in die Linguistik" = "Einführung 1")
Undergraduate lecture, 2 hrs per week, 2 ECTS, winter semester 2018/2019
Instructor: N.N.

**Sociolinguistic variation**
Undergraduate Seminar, 2 hrs per week, max.8 ECTS, winter semester 2018/2019
Instructor: Nils Norman Schiborr

**Information structure**
Undergraduate and graduate seminar, 2 hrs per week, 8 ECTS, winter semester 2018/2019
Instructor: N.N.

**Writing a sketch grammar: West-Armenian**
Graduate seminar, 2 hrs per week, max. 10 ECTS, winter semester 2018/2019
Instructor: N.N.

**Language Contact**
Undergraduate and graduate Seminar, 2 hrs per week, max.10 ECTS, winter semester 2018/2019
Instructor: Laurentia Schreiber

**Kurdish 1**
Exercise, 4 hrs per week, 5 ECTS, winter semester 2018/2019
Instructor: Baydaa Mustafa

**Kurdish 2**
Exercise, 4 hrs per week, 5 ECTS, winter semester 2018/2019
Instructor: Baydaa Mustafa
The following modules are offered in English by default or on demand. Note that there are also other modules available which are delivered in German but where the exam can be taken in English. More information and further courses can be found in the module handbook (meanwhile for year 2017/2018 available, there will be some changes for winter semester 2018/2019):


Contact details can also be found via http://univis.uni-bamberg.de

EESYS-BIA-M Business Intelligence & Analytics
Graduate lecture and exercise, 4 hrs per week, 6 ECTS, winter semester 2018/2019
Instructor: Prof. Dr. Thorsten Staake

EESYS-DAE-M Data Analytics in Energy Informatics
Graduate lecture and exercise, 4 hrs per week, 6 ECTS, winter semester 2018/2019
Instructor: Prof. Dr. Thorsten Staake

EESYS-P-BIRES-M Project Business Intelligence for Renewable Energy Systems
Graduate lecture, 4 hrs per week, 6 ECTS, winter semester 2018/2019
Instructor: Prof. Dr. Thorsten Staake

SNA-OSN-M Project Online Social Networks
Graduate exercise, 4 hrs per week, 6 ECTS, winter semester 2018/2019
Instructor: Prof. Dr. Kai Fischbach

DSG-DSAM-M Distributed Systems Architectures and Middleware
Graduate lecture and exercise, 4 hrs per week, 6 ECTS, winter semester 2018/2019
Instructor: Prof. Dr. Guido Wirtz

DSG-IDistrSys Introduction to Distributed Systems
Lecture and exercise, 4 hrs per week, 6 ECTS, winter semester 2018/2019
Instructor: Prof. Dr. Guido Wirtz

DSG-Project-2-SoSySc-B DSG Bachelorproject Software Systems Science
Undergraduate exercise, 8 hrs per week, 12 ECTS, winter semester 2018/2019
Instructor: Prof. Dr. Guido Wirtz

DSG-Project-M Distributed Systems Project
Graduate exercise, 6 hrs per week, 9 ECTS, winter semester 2018/2019
Instructor: Prof. Dr. Guido Wirtz
DSG-SOA-M Service-Oriented Architecture and Web Services
Graduate lecture and exercise, 4 hrs per week, 6 ECTS, winter semester 2018/2019
Instructor: Prof. Dr. Guido Wirtz

DSG-SRDS-M Selected Readings in Distributed Systems
Graduate lecture and exercise, 2 hrs per week, 3 ECTS, winter semester 2018/2019
Instructor: Prof. Dr. Guido Wirtz

DSG-Sem-M Master Seminar in Distributed Systems
Graduate lecture, 2 hrs per week, 3 ECTS, winter semester 2018/2019
Instructor: Prof. Dr. Guido Wirtz

EESYS-BIA-M Business Intelligence & Analytics
Graduate lecture and exercise, 4 hrs per week, 6 ECTS, winter semester 2018/2019
Instructor: Prof. Dr. Guido Wirtz, Konstantin Hopf

EESYS-DAE-M Data Analytics in Energy Informatics
Graduate lecture and exercise, 4 hrs per week, 6 ECTS, winter semester 2018/2019
Instructor: Prof. Dr. Thorsten Staake

EESYS-DSES-M Decision Support and Expert Systems
Graduate lecture and exercise, 4 hrs per week, 6 ECTS, winter semester 2018/2019
Instructor: Dr. Mariya Sodenkamp

EESYS-ES-M Energy Efficient Systems
Graduate lecture and exercise, 4 hrs per week, 6 ECTS, winter semester 2018/2019
Instructor: Dr. Prof. Dr. Thorsten Staake

EESYS-IITP-B International IT Project Management
Undergraduate lecture and exercise, 4 hrs per week, 6 ECTS, winter semester 2018/2019
Instructor: Dr. Prof. Dr. Thorsten Staake

EESYS-P-BIRES-M Project Business Intelligence for Renewable Energy Systems
Graduate lecture, 4 hrs per week, 6 ECTS, winter semester 2018/2019
Instructor: Dr. Prof. Dr. Thorsten Staake

EESYS-P-SGDA-M Project Smart Grid Data Analytics
Graduate lecture, 4 hrs per week, 6 ECTS, winter semester 2018/2019
Instructor: Dr. Prof. Dr. Thorsten Staake

Gdl-AFP-M Advanced Functional Programming
Graduate lecture and exercise, 4 hrs per week, 6 ECTS, winter semester 2018/2019
Instructor: Prof. Ph.D. Michael Mendler

Gdl-GTI-B Machines and Languages
Undergraduate lecture and exercise, 4 hrs per week, 6 ECTS, winter semester 2018/2019
Instructor: Prof. Ph.D. Michael Mendler
Gdl-IFP Introduction to Functional Programming
Lecture and exercise, 4 hrs per week, 6 ECTS, winter semester 2018/2019
Instructor: Prof. Ph.D. Michael Mendler

Gdl-MTL Modal and Temporal Logic
Lecture and exercise, 4 hrs per week, 6 ECTS, winter semester 2018/2019
Instructor: Prof. Ph.D. Michael Mendler

HCI-DISTP-B Design of Interactive Systems: Theory and Practice
Undergraduate lecture and exercise, 1 hrs per week, 3 ECTS, winter semester 2018/2019
Instructor: Prof. Dr. Tom Gross

HCI-IS-B Interactive Systems
Undergraduate lecture and exercise, 4 hrs per week, 6 ECTS, winter semester 2018/2019
Instructor: Prof. Dr. Tom Gross

HCI-KS-B Cooperative Systems
Undergraduate lecture and exercise, 4 hrs per week, 6 ECTS, winter semester 2018/2019
Instructor: Prof. Dr. Tom Gross

HCI-MCI-M Human-Computer Interaction
Graduate lecture and exercise, 4 hrs per week, 6 ECTS, winter semester 2018/2019
Instructor: Prof. Dr. Tom Gross

HCI-Proj-B Project Human-Computer Interaction
Undergraduate exercise, 4 hrs per week, 6 ECTS, winter semester 2018/2019
Instructor: Prof. Dr. Tom Gross

HCI-Proj-M Project Human-Computer Interaction
Graduate exercise, 4 hrs per week, 6 ECTS, winter semester 2018/2019
Instructor: Prof. Dr. Tom Gross

HCI-Proj1-M Research-Project Human-Computer Interaction
Graduate exercise, 6 hrs per week, 15 ECTS, winter semester 2018/2019
Instructor: Prof. Dr. Tom Gross

HCI-Proj2-M Research-Project Human-Computer Interaction
Graduate exercise, 6 hrs per week, 15 ECTS, winter semester 2018/2019
Instructor: Prof. Dr. Tom Gross

HCI-Prop-M Propaedeutic: Human-Computer-Interaction
Graduate exercise, 2 hrs per week, 3 ECTS, winter semester 2018/2019
Instructor: Prof. Dr. Tom Gross

HCI-Sem-B Bachelor-Seminar Human-Computer Interaction
Undergraduate seminar, 2 hrs per week, 3 ECTS, winter semester 2018/2019
Instructor: Prof. Dr. Tom Gross
HCI-Sem-HCC-M Master-Seminar Human-Centred Computing
Graduate seminar, 2 hrs per week, 3 ECTS, winter semester 2018/2019
Instructor: Prof. Dr. Tom Gross

HCI-Sem- M Master-Seminar Human-Computer Interaction
Graduate seminar, 2 hrs per week, 3 ECTS, winter semester 2018/2019
Instructor: Prof. Dr. Tom Gross

HCI-US-B Ubiquitous Systems
Undergraduate lecture, 4 hrs per week, 6 ECTS, winter semester 2018/2019
Instructor: Prof. Dr. Tom Gross

HCI-Usab-M Usability in Practice
Graduate exercise, 4 hrs per week, 6 ECTS, winter semester 2018/2019
Instructor: Prof. Dr. Tom Gross

ISDL-ISS2-M Optimization of IT-Reliant Processes
Graduate lecture and exercise, 4 hrs per week, 6 ECTS, winter semester 2018/2019
Instructor: Prof. Dr. Tim Weitzel

ISDL-ISS3-M IT Business Value
Graduate lecture and exercise, 4 hrs per week, 6 ECTS, winter semester 2018/2019
Instructor: Prof. Dr. Tim Weitzel

ISDL-ITCHANGE-M Management of IT-induced Change
Graduate lecture and exercise, 4 hrs per week, 6 ECTS, winter semester 2018/2019
Instructor: Dr. Sven Laumer

KInf-MobAss-M Mobile Assistance Systems
Graduate lecture and exercise, 4 hrs per week, 6 ECTS, winter semester 2018/2019
Instructor: Prof. Dr. Christoph Schlieder

KInf-SemInf-M Semantic Information
Graduate lecture and exercise, 4 hrs per week, 6 ECTS, winter semester 2018/2019
Instructor: Prof. Dr. Christoph Schlieder

KInf-SemInf-M Semantic Information Processing
Graduate lecture and exercise, 4 hrs per week, 6 ECTS, winter semester 2018/2019
Instructor: Prof. Dr. Christoph Schlieder

KTR-Datkomm-B Data communication
Undergraduate lecture and exercise, 4 hrs per week, 6 ECTS, winter semester 2018/2019
Instructor: Prof. Dr. Udo Krieger

KTR-GIK-M Foundations of Internet Communication
Graduate lecture and exercise, 4 hrs per week, 6 ECTS, winter semester 2018/2019
Instructor: Prof. Dr. Udo Krieger
KTR-MAKV-M Modeling and Analysis of Communication Networks and Distributed Systems
Graduate lecture and exercise, 4 hrs per week, 6 ECTS, winter semester 2018/2019
Instructor: Prof. Dr. Udo Krieger

KTR-MMK-M Multimedia Communication in High Speed Networks
Graduate lecture and exercise, 4 hrs per week, 6 ECTS, winter semester 2018/2019
Instructor: Prof. Dr. Udo Krieger

KTR-Mobi-M Mobile Communication
Graduate lecture and exercise, 4 hrs per week, 6 ECTS, winter semester 2018/2019
Instructor: Prof. Dr. Udo Krieger

KTR-Proj Project Communication Networks and Services
Lecture and exercise, 4 hrs per week, 6 ECTS, winter semester 2018/2019
Instructor: Prof. Dr. Udo Krieger

KTR-SSSProj-B KTR Bachelor Project Software Systems Science
Undergraduate exercise, 8 hrs per week, 12 ECTS, winter semester 2018/2019
Instructor: Prof. Dr. Udo Krieger

KTR-SSSProj-M KTR Master Project Software Systems Science
Graduate exercise, 6 hrs per week, 9 ECTS, winter semester 2018/2019
Instructor: Prof. Dr. Udo Krieger

KTR-Sem-B Bachelor Seminar Communication Systems and Computer Networks
Undergraduate seminar, 2 hrs per week, 9 ECTS, winter semester 2018/2019
Instructor: Prof. Dr. Udo Krieger

KTR-Sem-M Master Seminar Communication Systems and Computer Networks
Graduate seminar, 2 hrs per week, 3 ECTS, winter semester 2018/2019
Instructor: Prof. Dr. Udo Krieger

KogSys-KogMod-M Cognitive Modeling
Lecture, 4 hrs per week, 6 ECTS, winter semester 2018/2019
Instructor: Prof. Dr. Ute Schmid

KogSys-ML-M Machine Learning
Graduate lecture, 4 hrs per week, 6 ECTS, winter semester 2018/2019
Instructor: Prof. Dr. Ute Schmid

KogSys-ML-M Master Project Cognitive Systems
Graduate exercise, 4 hrs per week, 6 ECTS, winter semester 2018/2019
Instructor: Prof. Dr. Ute Schmid

MOBI-ADM-M Advanced Data Management
Graduate lecture, 4 hrs per week, 6 ECTS, winter semester 2018/2019
Instructor: Prof. Dr. Daniela Nicklas
MOBI-DSC-M Data Streams and Complex Event Processing
Graduate lecture, 2 hrs per week, 6 ECTS, winter semester 2018/2019
Instructor: Prof. Dr. Daniela Nicklas

MOBI-MSS-B Mobility in Software Systems
Undergraduate lecture and exercise, 4 hrs per week, 6 ECTS, winter semester 2018/2019
Instructor: Prof. Dr. Daniela Nicklas

MOBI-PRAI-B Bachelor Project Mobile Software Systems (AI)
Undergraduate exercise, 4 hrs per week, 6 ECTS, winter semester 2018/2019
Instructor: Prof. Dr. Daniela Nicklas

MOBI-PRAI-M Master Project Mobile Software Systems (AI)
Graduate exercise, 4 hrs per week, 6 ECTS, winter semester 2018/2019
Instructor: Prof. Dr. Daniela Nicklas

MOBI-PRS-B Bachelor Project Mobile Software Systems (SoSySc)
Undergraduate exercise, 8 hrs per week, 12 ECTS, winter semester 2018/2019
Instructor: Prof. Dr. Daniela Nicklas

MOBI-PRS-M Master Project Mobile Software Systems (SoSySc)
Graduate exercise, 6 hrs per week, 9 ECTS, winter semester 2018/2019
Instructor: Prof. Dr. Daniela Nicklas

PSI-AdvaSP-M Advanced Security and Privacy
Graduate exercise, 4 hrs per week, 6 ECTS, winter semester 2018/2019
Instructor: Prof. Dr. Dominik Herrmann

PSI-EDS-B Ethics for the Digital Society
Undergraduate lecture, 1,5 hrs per week, 3 ECTS, winter semester 2018/2019
Instructor: Prof. Dr. Dominik Herrmann

PSI-IntroSP-B Introduction to Security and Privacy
Undergraduate lecture, 2 hrs per week, 6 ECTS, winter semester 2018/2019
Instructor: Prof. Dr. Dominik Herrmann

PSI-ProjectCAD-M Project Complex Attacks and Defenses
Graduate exercise, 6 hrs per week, 9 ECTS, winter semester 2018/2019
Instructor: Prof. Dr. Dominik Herrmann

PSI-ProjectPAD Project Practical Attacks and Defenses
Exercise, 4 hrs per week, 6 ECTS, winter semester 2018/2019
Instructor: Prof. Dr. Dominik Herrmann

PSI-ProjectSP-M Project Security and Privacy
Graduate exercise, 6 hrs per week, 9 ECTS, winter semester 2018/2019
Instructor: Prof. Dr. Dominik Herrmann
PSI-SSSProject-B Software Systems Science Project: Security and Privacy
Undergraduate exercise, 6 hrs per week, 12 ECTS, winter semester 2018/2019
Instructor: Prof. Dr. Dominik Herrmann

PSI-Sem-B Seminar Security and Privacy Recommendations
Undergraduate seminar, 2 hrs per week, 3 ECTS, winter semester 2018/2019
Instructor: Prof. Dr. Dominik Herrmann

PSI-Sem-M Seminar Research Topics in Security and Privacy
Graduate seminar, 2 hrs per week, 3 ECTS, winter semester 2018/2019
Instructor: Prof. Dr. Dominik Herrmann

SME-Projekt-B Bachelor’s project on Smart Environments
Graduate exercise, 4 hrs per week, 6 ECTS, winter semester 2018/2019
Instructor: Prof. Dr. Diedrich Wolter

SME-Projekt-M Master project on Smart Environments
Undergraduate exercise, 4 hrs per week, 6 ECTS, winter semester 2018/2019
Instructor: Prof. Dr. Diedrich Wolter

SME-STE-M Introduction to Knowledge Representation: Space, Time, Events
Graduate lecture, 4 hrs per week, 6 ECTS, winter semester 2018/2019
Instructor: Prof. Dr. Diedrich Wolter

SME-Sem-B Bachelor seminar on Smart Environments
Undergraduate seminar, 2 hrs per week, 3 ECTS, winter semester 2018/2019
Instructor: Prof. Dr. Diedrich Wolter

SME-Sem-M Master seminar on Smart Environments
Graduate seminar, 2 hrs per week, 3 ECTS, winter semester 2018/2019
Instructor: Prof. Dr. Diedrich Wolter

SNA-OSN-M Project Online Social Networks
Graduate exercise, 4 hrs per week, 6 ECTS, winter semester 2018/2019
Instructor: Prof. Dr. Kai Fischbach, Zylka, Matthäus, Dipl.-Wirt.-Inf.

SWT-ASV-M Applied Software Verification
Graduate lecture, 4 hrs per week, 6 ECTS, winter semester 2018/2019
Instructor: Prof. Dr. Gerald Lüttgen

SWT-FSA-B Foundations of Software Analysis
Undergraduate lecture and exercise, 6 hrs per week, 6 ECTS, winter semester 2018/2019
Instructor: Prof. Dr. Gerald Lüttgen

SWT-FSE-B Foundations of Software Engineering
Undergraduate lecture and exercise, 6 hrs per week, 6 ECTS, winter semester 2018/2019
Instructor: Prof. Dr. Gerald Lüttgen
SWT-PCC-M Principles of Compiler Construction  
Graduate lecture and exercise, 4 hrs per week, 6 ECTS, winter semester 2018/2019  
Instructor: Prof. Dr. Gerald Lüttgen

SWT-PR1-B Bachelors Project in Software Engineering and Programming Languages  
Undergraduate exercise, 4 hrs per week, 6 ECTS, winter semester 2018/2019  
Instructor: Prof. Dr. Gerald Lüttgen

SWT-PR1-M Masters Project in Software Engineering and Programming Languages  
Graduate exercise, 4 hrs per week, 6 ECTS, winter semester 2018/2019  
Instructor: Prof. Dr. Gerald Lüttgen

SWT-PR2-B SWT Bachelors Project in Software Systems Science  
Undergraduate exercise, 8 hrs per week, 12 ECTS, winter semester 2018/2019  
Instructor: Prof. Dr. Gerald Lüttgen

SWT-PR2-M SWT Masters Project in Software Systems Science  
Graduate exercise, 6 hrs per week, 9 ECTS, winter semester 2018/2019  
Instructor: Prof. Dr. Gerald Lüttgen

SWT-RSD-B Reactive Systems Design  
Undergraduate lecture and exercise, 4 hrs per week, 6 ECTS, winter semester 2018/2019  
Instructor: Prof. Dr. Gerald Lüttgen

SWT-SEM-B Seminar in Software Engineering and Programming Languages (Bachelor)  
Graduate seminar, 2 hrs per week, 3 ECTS, winter semester 2018/2019  
Instructor: Prof. Dr. Gerald Lüttgen

SWT-SEM-M Seminar in Software Engineering and Programming Languages (Master)  
Graduate seminar, 2 hrs per week, 3 ECTS, winter semester 2018/2019  
Instructor: Prof. Dr. Gerald Lüttgen

SWT-SWL-B Software Engineering Lab  
Undergraduate exercise, 4 hrs per week, 6 ECTS, winter semester 2018/2019  
Instructor: Prof. Dr. Gerald Lüttgen

IT English

IT English 1 – Security  
Undergraduate and graduate exercise, 2 hrs per week, 3 ECTS, winter semester 2018/2019  
Instructor: TBA

IT English 2 – Debating Legal Issues  
Undergraduate and graduate exercise, 2 hrs per week, 3 ECTS, winter semester 2018/2019  
Instructor: TBA
Oriental Studies

Methods and Theories in the Study of Modern Middle East Religion
Graduate seminar, 2 hrs per week, 6 ECTS, winter semester 2018/2019
Instructor: Ezra Tzfadya

The constitutional movements in the Ottoman Empire and Iran
Exercise/seminar, 2 hrs per week, up to 6 ECTS, winter semester 2018/19
Instructors: PD Dr. Roxane Haag-Higuchi/Dr. Ellinor Morack

Political Science

Governance of Complex Systems I – Governance of Complex Technological Systems
Graduate lecture, 2 hrs per week, 6 ECTS, winter semester 2018/2019
Instructor: Prof. Dr. Lasse Gerrits

Governance of Complex Systems II – Theories of Complex Systems
Graduate seminar, 2 hrs per week, 8 ECTS, winter semester 2018/2019
Instructor: Prof. Dr. Lasse Gerrits

Governance of Complex Systems III – Computer-Aided Social Inquiry
Graduate seminar, 2 hrs per week, 8 ECTS, winter semester 2018/2019
Instructor: Prof. Dr. Lasse Gerrits

Governance of Complex Systems IV – Confronting the Urban Crisis: Introduction to Urban Planning
Graduate seminar, 2 hrs per week, 8 ECTS, winter semester 2018/2019
Instructor: Prof. Dr. Lasse Gerrits

Qualitative Methods of Social Inquiry
Graduate seminar, 2 hrs per week, 8 ECTS, winter semester 2018/2019
Instructor: Prof. Dr. Ariadna Ripoll Servent
Please note: The number of participants is limited. Student registration via FlexNow! is required.

New Challenges to Security and Liberty in the European Union
Undergraduate seminar, 2 hrs per week, 8 ECTS, winter semester 2018/2019
Instructor: Prof. Dr. Ariadna Ripoll Servent
Please note: The number of participants is limited. Student registration via FlexNow! is required.

The European Parliament in the EU's Political System
Graduate seminar, 2 hrs per week, 8 ECTS, winter semester 2018/2019
Instructor: Prof. Dr. Ariadna Ripoll Servent
Please note: The number of participants is limited. Student registration via FlexNow! is required.
The U.S. Congress in Comparative Perspective
Undergraduate seminar, 2 hrs per week, 8 ECTS, winter semester 2018/2019
Instructor: Prof. Dr. Ulrich Sieberer

Comparative Politics III: Coalition Politics
Graduate seminar, 2 hrs per week, 8 ECTS, winter semester 2018/2019
Instructor: Prof. Dr. Ulrich Sieberer

Political Science Methods III: Introduction to Statistics for Political and Social Sciences
Graduate seminar, 2 hrs per week, 8 ECTS, winter semester 2018/2019
Instructor: N.N.

Migration and the Nation-State: Determinants and Functions of Immigration Control
Undergraduate block seminar, 2 hrs per week, 6 ECTS, winter semester 2018/2019
Instructor: Caroline Schultz

Labour Migration: Perspectives from political science and economics
Graduate seminar, 2 hrs per week, 6 ECTS, winter semester 2018/2019
Instructor: Caroline Schultz

Seminar-Based Module on International and European Politics
Undergraduate seminar, 2 hrs per week, 6 ECTS, winter and summer semester 2018/2019
Instructor: TBA
Prerequisites: Participants must have solid knowledge of the basics of International Relations and European Integration

Introduction to International and European Policy
Undergraduate seminar, 2 hrs per week, 5/6 ECTS, winter and summer semester 2018/2019
Instructor: TBA
Prerequisites: Participation in the introductory lecture “Einführung in die internationale und europäische Politik” or an equivalent is recommended.

Political Institutions and Democracy in Africa
Undergraduate seminar, 2 hrs per week, 6 ECTS, winter semester 2018/2019
Instructor: Martin Acheampong

Comparative Politics III: The Rise and Fall of European Social Democracy
Graduate seminar, 2 hrs per week, 8 ECTS, winter semester 2018/2019
Instructor: Javier Martinez Canto
Prerequisites: BA in Political Science or equivalent qualification in Political Science.
Additional note for exchange students: This module requires some prior knowledge of Political Science and Comparative Politics.

Comparative Politics II: Introduction to Survival Analysis Using R
Graduate seminar, 2 hrs per week, 8 ECTS, winter semester 2018/2019
Instructor: Prof. Saalfeld
Prerequisites: BA in Political Science or equivalent qualification in Political Science.
Additional note for exchange students: This module requires some prior knowledge of Political Science and Comparative Politics. It is not recommended for students without some knowledge of Statistics. Familiarity with R is not essential but would be advantageous.
Social and Political Phenomena: Explaining and Understanding via Modelling and Simulation
Graduate seminar, 2 hrs per week, 6 ECTS, winter semester 2018/2019
Instructor: Daniel Mayerhoffer

Grundlagen der Wissenschaftstheorie (PolMeth I)
Graduate seminar, 2 hrs per week, 8 ECTS, winter semester 2018/2019
Instructor: Johannes Marx

Argumentation Theory for Political Scientists
Undergraduate seminar, 2 hrs per week, 6 ECTS, winter semester 2018/2019
Instructor: Dominik Klein

Social and Political Phenomena: Explaining and Understanding via Modelling and Simulation
Undergraduate seminar, 2 hrs per week, 6 ECTS, winter semester 2018/2019
Instructor: Daniel Mayerhoffer

Philosophy

Wissenschaftstheorie/Philosophy of Science
Graduate and undergraduate seminar, 2 hrs per week, 4/6 ECTS, winter semester 2018/2019
Instructor: Gabriele De Anna

Ethischer Naturalismus/Ethical Naturalism
Graduate and undergraduate lecture, 2 hrs per week, 4/6 ECTS, winter semester 2018/2019
Instructor: Gabriele De Anna

Psychology

Competence, Personality and Development in Different Learning Environments
Graduate seminar, 2 hrs per week, 0 ECTS, winter semester 2018/2019
Instructor: Prof. Dr. Cordula Artelt, Prof. Dr. Sabine Weinert

Heureka! Creativity and the curious mind
Graduate seminar, 2 hrs per week, winter semester 2018/2019
Instructor: Dr. Claudia Muth

Pain: Psychology and Physiology
Undergraduate seminar, 2 hrs per week, 3 ECTS, winter semester 2018/2019
Instructor: Prof. Dr. Stefan Lautenbacher

Advanced Research Seminar
Undergraduate seminar, 2 hrs per week, 3 ECTS, winter semester 2018/2019
Instructor: Prof. Dr. Claus-Christian Carbon
Cognitive Reading Club
Undergraduate and graduate seminar, 2 hrs per week, 3 ECTS, winter semester 2018/2019
Instructor: Prof. Dr. Claus-Christian Carbon

Competence, Personality and Development in Different Learning Environments
Graduate seminar, 2 hrs per week, 0 ECTS, winter semester 2018/2019
Instructor: Prof. Dr. Cordula Artelt, Prof. Dr. Sabine Weinert

Data Analysis using R
Graduate seminar, 2 hrs per week, 3 ECTS, winter semester 2018/2019
Instructor: Dr. Alexander Pastukhov

English for Students Studying Psychology or Education

Huwi English I - Reading Psychology Research in English
Undergraduate and graduate exercise, 2 hrs per week, 3 ECTS, winter semester 2018/2019
Instructor: Donald Watson
Prerequisites: min. language level B2 English required

Huwi English II - Writing Psychology Research in English
Undergraduate and graduate exercise, 2 hrs per week, 3 ECTS, winter semester 2018/2019
Instructor: Donald Watson
Prerequisites: min. language level B2 English required

Huwi English III - Reading Education Research in English
Undergraduate and graduate exercise, 2 hrs per week, 3 ECTS, winter semester 2018/2019
Instructor: Donald Watson
Prerequisites: min. language level B2 English required

Huwi English IV - Writing Education Research in English
Undergraduate and graduate exercise, 2 hrs per week, 3 ECTS, only winter semester 2018/2019
Instructor: Donald Watson
Prerequisites: min. language level B2 English required

Sociology

Ethnic educational inequalities: The case of special education
Graduate seminar, 3 hrs per week, 6 ECTS, winter semester 2018/2019
Instructor: Miriam Schmaus

Socio-cultural integration of Muslims
Graduate seminar, 3 hrs per week, 6 ECTS, winter semester 2018/2019
Instructor: Anna Berthold
**Advanced Regression Analysis Using Stata**  
Graduate seminar, 4 hrs per week, 12 ECTS, winter semester 2018/2019  
Instructor: Dr. Peter Valet

**Research Design**  
Lecture, 2 hrs per week, 6 ECTS, winter semester 2018/2019  
Instructor: Jonas Voßemer

**Applied Panel Data Analysis**  
Graduate seminar, 4 hrs per week, 12 ECTS, winter semester 2018/2019  
Instructor: Prof. Dr. Michael Gebel

**Introduction to Population Studies**  
Undegraduate lecture, 2 hrs per week, 5 ECTS, winter semester 2018/2019  
Instructor: Zafer Büyükkececi

**Fortgeschrittene Themen der Bevölkerungswissenschaft: Research Methods in Demography**  
Graduate seminar, 2 hrs per week, 6 ECTS, winter semester 2018/2019  
Instructor: Zafer Büyükkececi

**Education and Employment**  
Graduate seminar, 2 hrs per week, 6 ECTS, winter semester 2018/2019  
Instructor: Prof. Dr. Corinna Kleinert

**Gender culture and gender ideologies**  
Graduate seminar, 2 hrs per week, 6 ECTS, winter semester 2018/2019  
Instructor: Dr. Gundula Zoch

**Mechanisms of Educational Inequality**  
Seminar, 2 hrs per week, winter semester 2018/2019  
Instructor: Prof. Dr. Schindler Steffen

**Analysing the National Educational Panel Study (Part I)**  
Seminar, 2 hrs per week, winter semester 2018/2019  
Instructor: Prof. Dr. Schindler Steffen

**Mechanisms of Educational Inequality**  
Seminar, 2 hrs per week, winter semester 2018/2019  
Instructor: Prof. Dr. Schindler Steffen

**State, Revolutions, Social Movements**  
Seminar, 2 hrs per week, 6 ECTS, winter semester 2018/2019  
Instructor: Dr. Insa Pruisken
English for Social and Political Scientists

English for Social and Political Scientists
Undergraduate and graduate exercise, 2 hrs per week, 3 ECTS, winter semester 2018/2019
Instructor: TBA

The Department of English and American Studies

The Department of English and American Studies offers a variety of courses on different aspects of English Linguistics and Literature, Cultural Studies as well as Teaching English as a Foreign Language.
Since almost all courses on undergraduate as well as graduate level are taught in English, the individual courses offered are not listed here. A full listing of these courses can be found on our online course catalogue in Univis: [http://univis.uni-bamberg.de/](http://univis.uni-bamberg.de/)
Please note that in order to take part in seminars within the field of Teaching English as a Foreign Language it is necessary to have already acquired a solid knowledge of the basics of language pedagogy. Moreover, it is necessary to contact the instructor at the latest one week before the beginning of the semester.

▶ Select a semester from the drop-down menu in upper right corner ▶ Lehrveranstaltungen einzelner Einrichtungen ▶ Fakultät für Geistes- und Kulturwissenschaften ▶ Institut für Anglistik und Amerikanistik

English Courses offered by our Language Center (Sprachenzentrum)

The Language Center has developed a range of English courses taught by various native speakers.

More information can be found by contacting Catherine Irvine (catherine.irvine@uni-bamberg.de) or in Univis: [http://univis.uni-bamberg.de/](http://univis.uni-bamberg.de/)
▶ Select a semester from the drop-down menu in the upper right corner ▶ Lehrveranstaltungen einzelner Einrichtungen at the bottom left ▶ Sprachenzentrum ▶ Abteilung English

Placement Test
Students will be admitted to their courses upon completion of a placement test before the beginning of the semester. The questions slowly become harder in the later parts of the test. There are a total of 90 questions in the test. The time limit for the placement test is 60 minutes but students can submit the test earlier if they have finished. Students can return to any part of the test to check their answers at any point before they submit their test.
Test Results
No certificate will be issued for the completion of a placement test. The test cannot be “passed” or “failed”. Instead, after the evaluation of the test, the results will be posted on the Language Center (Sprachenzentrum) website with a score out of 90 and the CEFR level (B1, B2 etc.) you should be working at. When you have the confirmation of your CEFR level, you can register for a course at the correct level.

If you have already taken an English course at the Language Center, you do not have to take a placement test again. Results of the test are valid for four semesters.

Courses that are suitable for Erasmus students include:

**English: Sprachpraxis B1: Preparing for B1 (Teil 1)**
Type of Course: Language Practice
Level: for undergraduate and graduate students at a B1 level (CEFR) in English
2 hrs per week, 3 ECTS, winter semester 2018/2019
Instructor: N.N.
Prerequisites: Students will be admitted upon completion of a placement test before the beginning of the semester which ensures a minimum of A2 (CEFR).

**English: Sprachpraxis B2: Preparing for B2 (Teil 1)**
Type of Course: Language Practice
Level: for undergraduate and graduate students at a B2 level (CEFR) in English
2 hrs per week, 3 ECTS, winter semester 2018/2019
Instructor: N.N.
Prerequisites: Students will be admitted upon completion of a placement test before the beginning of the semester which ensures a minimum of B1 (CEFR).

**English: Sprachpraxis C1: Preparing for C1 (Teil 1)**
Type of Course: Language Practice
Level: for undergraduate and graduate students at a C1 level (CEFR) in English
2 hrs per week, 3 ECTS, winter semester 2018/2019
Instructor: N.N.
Prerequisites: Students will be admitted upon completion of a placement test before the beginning of the semester which ensures a minimum of B2 (CEFR).

Type of Course: Language Practice
Level: for undergraduate and graduate students at a B2 level (CEFR) in English
4 hrs per week, 4-6 ECTS, winter semester 2018/2019
Instructor: N.N.
Prerequisites: Students will be admitted upon completion of a placement test before the beginning of the semester which ensures a minimum of B1 (CEFR).

**English: Sprachpraxis B2: Academic Writing**
Type of Course: Language Practice
Level: for undergraduate and graduate students at a B2 level (CEFR) in English
2 hrs per week, 3 ECTS, winter semester 2018/2019
Instructor: N.N.
Prerequisites: Students will be admitted upon completion of a placement test before the
beginning of the semester which ensures a minimum of B1 (CEFR).

**English: Sprachpraxis C1: Academic Writing**
Type of Course: Language Practice
Level: for undergraduate and graduate students at a C1 level (CEFR) in English
2 hrs per week, 3 ECTS, winter semester 2018/2019
Instructor: Catherine Irvine
Prerequisites: Students will be admitted upon completion of a placement test before the beginning of the semester which ensures a minimum of B2 (CEFR).

**Writing and Presenting Academic Papers in English**
Type of Course: Language Practice
Block seminar (Part 1: 26.10.2018-27.10.2018 Fr, Sa; Part 2: 30.11.2018-1.12.2018 Fr, Sa); students need to attend both parts to receive ECTS points
Level: for graduate students at a C1 level or higher (CEFR) in English
3 ECTS, winter semester 2018/2019
Instructor: Catherine Irvine
Prerequisites: Students will be admitted upon completion of a placement test before the beginning of the semester which ensures a minimum of C1 (CEFR).

**English: Sprachpraxis B2: Intermediate Grammar Usage**
Type of Course: Language Practice
Level: for undergraduate and graduate students at a B2 level (CEFR) in English
2 hrs per week, 3 ECTS, winter semester 2018/2019
Instructor: N.N.
Prerequisites: Students will be admitted upon completion of a placement test before the beginning of the semester which ensures a minimum of B1 (CEFR).

**Advanced Grammar Usage C1**
Type of Course: Language Practice
Level: for undergraduate and graduate students at a C1 level or higher (CEFR) in English
2 hrs per week, 3 ECTS, winter semester 2018/2019
Instructor: Laura Murphy

**Englisch: Sprachpraxis B2: Communication Skills**
Type of Course: Language Practice
Level: for undergraduate and graduate students at a B2 level (CEFR) in English
2hrs per week, 3 ECTS, winter semester 2018/2019
Instructor: N.N.
Prerequisites: Students will be admitted upon completion of a placement test before the beginning of the semester which ensures a minimum of B1 (CEFR).

**English: Sprachpraxis C1: Communication Skills**
Type of Course: Language Practice
Level: for undergraduate and graduate students at a C1 level (CEFR) in English
2hrs per week, 3 ECTS, winter semester 2018/2019
Instructor: Catherine Irvine
Prerequisites: Students will be admitted upon completion of a placement test before the beginning of the semester which ensures a minimum of B2 (CEFR).
Landeskunde US I/Regional and Cultural Studies US I
Type of Course: Lecture
Level: for undergraduate and graduate students at a C1 level (CEFR) in English
1 hrs per week, 4 ECTS, winter semester 2018/2019
Instructor: Catherine Irvine
Prerequisites: Students will be admitted ONLY upon completion of the Anglistik placement test.

Landeskunde GB I/Regional and Cultural Studies GB I
Type of Course: Lecture
Level: for undergraduate and graduate students at a C1 level (CEFR) in English
1 hrs per week, 4 ECTS, winter semester 2018/2019
Instructor: Kenneth Wynne
Prerequisites: Students will be admitted ONLY upon completion of the Anglistik placement test.

Conversation
Type of Course: Exercise
Level: for undergraduate and graduate students at a B2+ level (CEFR) in English
2 hrs per week, 1 ECTS, winter semester 2018/2019
Instructor: TBA (to be announced)
Prerequisites: Students will be admitted ONLY upon completion of the Anglistik placement test.

Note: There are 4 parallel sections of this course: please register for just one section!
Glossary:

**FlexNow** - is a system for managing your academic records. In order for you to be awarded credit points for successfully completed courses, your grade will have to be entered into this program. You will be registered in the system when you come.

**UnivIS** – university’s searching system.

**Undergraduate** – study courses for Bachelor level.

**Graduate** – study courses for Master level.

**TBA** – to be announced.

**hrs** – hours.