



Student Exchange at Osnabrück University

Exchange Programme



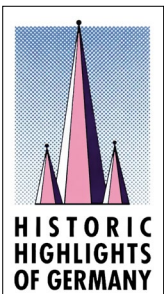
Welcome to Osnabrück University!

Osnabrück University (UOS), founded in 1974, is a dynamic institution that defines itself through strong regional ties and public outreach, its outstanding interdisciplinary research in a variety of academic disciplines, and the establishment of substantial international relations and partnerships.

As an integral part of the historic yet vibrant City of Peace, UOS embodies the ideals of the Peace of Westphalia of 1648 in its function as an ambassador for tolerance and intercultural exchange. These ideals are realized, for instance, through the globally renowned Osnabrück Peace Forum and the Erich Maria Remarque Peace Centre.

Academically, UOS prides itself in its pronounced focus on interdisciplinary research in the Natural Sciences, Humanities and Social Sciences. Inspiring top-level research across all disciplines, this focus is manifest in, among others, its cutting-edge AI Campus, the Institute of Migration Research and Intercultural Studies, or the Centre of Cellular Nanoanalytics.

It is against this backdrop – intercultural exchange coupled with strong interdisciplinary research – that UOS has established a strong international network. In close cooperation with almost 400 partners, UOS has developed exciting exchange programs, dedicated welcome services and high-profile short-term programs that are testament to UOS' commitment to internationalization and academic excellence.



Osnabrück is one of the 14 members of the »Historic Highlights of Germany« association



Overview

Elegibility

Students must be enrolled full-time at a university that has signed a mutual student exchange agreement with UOS.

Students must be proficient in English (B2, TOEFL iBT 80, IELTS 6.0 or equivalent) or German (B2, TDN 3/4 or equivalent).

Admission

Applicants have to be nominated by their home university and will be admitted to subject areas according to the mutual student exchange agreement. Nomination deadlines are as follows:

- June 15 for the winter semester
- December 15 for the summer semester

Application

Nominated students will receive an application link and detailed information about the application process. The applications must reach the International Office of Osnabrück University by following deadlines:

- July 1 for the winter semester
- January 1 for the summer semester



Scholarships

Students can apply for an ambassador scholarship.

More details can be found here: vt.uos.de/9brls



Accommodation

There is a contingent of rooms available at several student residence halls for exchange students coming to Osnabrück University. Rooms are furnished and the monthly rent is between 250 and 350 €. In addition, a deposit of 600 € has to be paid with the first month's rent (refundable).

Academic Calendar

	Winter Semester	Summer Semester
Arrival in Osnabrück	Beginning of October	End of March
Official start of semester	October 1	April 1
Start of Lectures	Mid/End of October	Beginning/Mid of April
End of Lectures	Beginning/Mid of February	Mid of July
Examination Period	Mid of February	End of July
Official end of semester	March 31	September 30



Regular Course Offer*

Osnabrück University offers an increasing number of English-taught classes across all faculties, which exchange students can choose from. Below please find an overview of those classes regularly offered in the winter or summer semester. These classes are generally open for exchange students. »ECTS« indicates the number of credits per class. »MA« and »BA« stand for »Master« and »Bachelor«.

Winter Semester

Biology, Biochemistry, Biophysics

The Master Modules are composed of lecture (4 ECTS), seminar (2 ECTS) and practical course (5 ECTS).

- Master Module Behavioural Biology: Molecular-Genetic and Neuroendocrine Bases of Behaviour
- Master Module Biochemistry: Structural and Pathobiochemistry
- Master Module Biophysics: Biological Spectroscopy and Microscopy
- Master Module Botany: Molecular Plant Developmental Genetics
- Master Module Microbiology: Microbial Metabolism
- Master Module Ecology: Experimental Ecology and Evolution
- Master Module Plant Physiology
- Master Module Animal Physiology
- Master Module Zoology; Molecular Developmental Biology

The Advanced Modules are composed of lecture (4 ECTS), seminar (3 ECTS) and practical course (5 ECTS).

- Advanced Module Molecular Cell Biology: Discoveries and Current Developments
- Module Neuroscience: (lectures: Functional Neuroanatomy; Introduction to Neurobiology) for students of the studies Cognitive Science and Biology (BA); per lecture: 4 ECTS; AG Neurobiology

Business Administration and Economics

- International Economic Policy I – International Trade (BA)
- Microeconomics I (Information Economics) (BA)
- Environmental and Behavioral Economics (BA)
- Advanced Methods in Business Administration and Economics (MA)
- Projektseminar Economics (MA)
- Master's Seminar in Public Economics (MA)
- International Economic Policy III – Empirical Economic Policy (MA)
- Master's Seminar in Macroeconomics (MA)
- Microeconomics II (Experimental and Behavioural Economics) (MA)
- Advanced Econometrics and Statistics (MA)
- Master's Seminar to Sustainability, Behavior and Environmental Policy (MA)
- Machine Learning in Business Analytics (MA) (WS 2023/24)
- Controlling III Management Control, Coordination and Incentives (MA)
- Controlling V Behavioral Management Accounting (MA) (WiSe 2023/24)
- Strategy and Competitive Analysis (MA)
- International Management (MA)
- Master's Seminar in Management – changing topics (MA)

Chemistry

- Supramolecular Chemistry (MA)
- Self-Organizing Systems (MA)
- Porous Materials (MA)
- Nanomaterials (MA)
- Functional Polymers (MA)

Cognitive Science

- Foundations of Logic and Argumentation Theory (BA)
- Foundations of Cognitive Science (BA)
- Methods of Artificial Intelligence (BA)
- Neuroinformatics (6 ECTS) (BA)
- Philosophie for Cognitive Science (BA)
- Statistics and Data Analysis (BA)
- Computer Vision (6 ECTS) (BA/MA)
- Cognitive Human-Computer Interaction (BA/MA)
- Action and Cognition Visual System (BA/MA)
- Action and Cognition Motor System (BA/MA)
- Advanced Machine Learning (MA)

Educational and Cultural Studies

- Structures of Vocational Education and Training – International Project Seminar (6 ECTS)
- Lecture Series: The Transfer of Values and Culture by Studies at German University (2 ECTS)

English and American Studies

All courses and lectures at the Institute for English and American Studies are taught in English. International students may attend most of the current courses each semester, with the exception of basic introductory courses, didactics and language practice courses. Since the course offering in linguistics, literary and cultural studies is broad and diverse, and covers a lot of fields, international students are encouraged to browse through the complete list of courses and lectures online by following the link below. international students are also encouraged to contact the institute in advance for more information and advice in regard to sign-up and attendance.

Regular course offerings in:

- English Literature and Culture: lectures and seminar courses (BA/MA)
- American Literature and Culture: lectures and seminar courses (BA/MA)
- English Linguistics: seminar courses (BA/MA)
- Cultural and Media Studies: seminar courses (BA/MA)
- Interdisciplinary and Specialized Seminar Courses (e.g. Cognition and Literature, Law and Literature, Children's Literature) (BA/MA)
- Advanced Literary and Cultural Studies (BA)
- Advanced Literary and Cultural History (BA)
- Advanced Graduate Lecture and Seminar – Literary and Cultural Studies (MA)
- Basics of English Linguistics (BA)
- Advanced English Linguistics (BA)
- Advanced Graduate Lecture and Seminar – Linguistics (MA)
- Integrated English Language Practice (BA)
- Advanced English Language Practice (BA)
- Applied Language Studies (BA)
- Professional Writing and Discussion (MA)



* subject to modifications –
the complete course offer
can be found here:
vt.uos.de/5tff5



Link to full program: www.lili.uni-osnabrueck.de/institut_fuer_anglistikamerikanistik/lehre/lehrveranstaltungen.html

Law (FFA = Foreign Law Programme)

- International Arbitration (1 or 4 ECTS)
- Animal Law (3 ECTS)
- FFA: Common Law Methodology: UK (6 ECTS, BA/MA)
- FFA: Common Law Methodology: US (6 ECTS, BA/MA)
- FFA: Fundamentals of British Constitutional Law (6 ECTS, BA/MA)
- FFA: U.S. Constitutional Law (6 ECTS, BA/MA)
- FFA: UK Private Law (6 ECTS, BA/MA)
- FFA: US Private Law (6 ECTS, BA/MA)
- European Civil Procedure (1 or 4 ECTS, BA/MA)
- International Sales of Goods (1 or 4 ECTS, BA/MA)

Mathematics, Systems Science, Computer Science

- Mathematical Epidemiology (6 ECTS) (MA) (every second year)
- Biological Resources Modeling (6 ECTS) (MA) (every second year)
- Approximation Algorithms (6 ECTS) (BA) (every second year)
- IT and Network Security (6 or 9 ECTS) (BA) (every second year)
- Advanced Remote Sensing and Geoinformatics (6 ECTS) (BA)
- Computer Science Seminar (3 ECTS) (BA)
- Advanced Graph Algorithms (9 ECTS) (MA) (every second year)
- Advanced Methods in Remote Sensing (9 ECTS) (MA)
- Algorithm Engineering (9 ECTS) (MA)
- Geometry Processing (6 ECTS) (MA)
- Machine Learning and Knowledge Engineering (9 ECTS) (MA)
- Mobile Communication (6 ECTS) (MA) (every second year)
- Robust Networked Systems (6 ECTS) (MA) (every second year)
- Reconfigurable and Parallel Computer Architectures (6 ECTS) (MA)
- Ressource-Constrained Project Scheduling (6 ECTS) (MA)
- Geo Data Analysis (6 ECTS) (MA)
- Master Seminar Computer Science (3 ECTS) (MA)
- Selected Topics in Remote Sensing and Geoinformatics (6 ECTS) (MA)

Physics

In the framework of the Master Program in Advanced Physics several courses are offered in English. In most cases (but not in all cases), the course includes lectures, practicals, and a seminar. Seminars and practicals are usually offered during the Summer Semester.

For most of these courses, the students should know physics on the bachelor level. The courses in Biomacromolecular Physics and Applied Bioinformatics could be also taken by students with a degree in chemistry. Further details on these courses can be found on the university's web page.

- Condensed Matter Theory (6 ECTS)
- Introduction: Ultrafast Physics (3 ECTS)
- Applied solid state physics: Electronic transport and quantum spintronics (6 ECTS)
- Physics of Carbon Nanostructures (3 ECTS)
- Complement and deepen the knowledge of physics: Physics of Quantum Computers (3 ECTS)
- Surface Science (6 ECTS)
- Biomacromolecular Physics (6 ECTS)
- Biophysical and Applied Bioinformatics (6 ECTS)
- Complement and deepen the knowledge of physics: Nuclear and Elementary Particle Physics (3 ECTS)
- Complement and deepen the knowledge of physics: General Relativity (3 ECTS)

Psychology

- Development and Culture (4 ECTS, MA)
- Introduction to Cross-Cultural Social Psychology (4 ECTS, MA)
- Introduction to Cross-Cultural Business Psychology (4 ECTS, MA)
- Selected Topics in Cross-Cultural Business Psychology (4 ECTS, MA)
- Methods of Cross-Cultural Business Psychology (4 ECTS, MA)
- Colloquium I (4 ECTS, MA)
- Colloquium II (4 ECTS, MA)
- Study Project (8 ECTS, MA)

Social Sciences

- Migration Regimes and Space (4 ECTS) (MA)
- Migration Regimes and Social Conflict (4 ECTS) (MA)
- Migration Regimes in Past and Present (4 ECTS) (MA)
- Research Design in Conflict Studies (6 ECTS) (MA)
- Concepts & Theories in Conflict Studies (4/6 ECTS) (MA)
- The Modern State in History and Theory (4/6 ECTS) (MA)
- Political Institutions and Peacebuilding (4/6 ECTS) (MA)
- Conflict Issues in Contemporary Societies (4/6 ECTS) (MA)

Biology, Biochemistry, Biophysics

The Master Modules are composed of lecture (4 ECTS), seminar (2 ECTS) and practical course (5 ECTS).

- Master Module Biochemistry: Molecular Cell Biology/Biochemistry;
- Master Module Fundamentals of Bioimaging and Image Processing; (Biophysics)
- Master Module Biophysics Nanobiophysics
- Master Module Biophysics: Signalling in Immunity and Cell Death
- Master Module Botany: Plant Biodiversity
- Master Module Microbiology: Microbial Pathomechanisms
- Master Module Molecular Cell Biology: Cell Membranes: from evolutionary origin to cracking of the lipid code
- Master Module Neurobiology: Neurobiology
- Master Module Ecology: Theoretical Ecology and Evolution
- Master Module Structural Biology
- Module Neuroscience: (lectures: Sensory Physiology, 4 ECTS) for students of the studies Cognitive Science and Biology (BA); AG Neurobiology

Business Administration and Economics

- Introduction to Microeconomics (BA)
- International Economic Policy II - International Finance (BA)
- Business Cycles and Economic Growth (BA)
- Money, Banks and Financial Markets (BA)
- Bachelor's Seminar in Microeconomics (BA)
- Applied Data Science in the Field of Macroeconomics (MA) (SoSe 2024)
- International Taxation (MA)
- Social Insurance and Income Maintenance (MA)
- International Economic Policy IV Economic Policy of the European Union (MA)
- Advanced Macroeconomics (MA)
- Master's Seminar in Microeconomics (MA)
- Master's Seminar to Sustainability, Behavior and Environmental Policy (MA)
- Economics of Environmental Behavior and Policy (MA)
- International Strategy (MA)
- Master's Seminar in Management – changing topics (MA)



**Summer
Semester**

Chemistry

- Bioconjugates (MA)
- Nanomaterials (MA)
- Functional Polymers (MA)

Cognitive Science

- Scientific Programming in Python (4 ECTS) (BA)
- Machine Learning (12 ECTS) (BA)
- Introduction to Artificial Intelligence and Logic Programming (BA)
- Introduction to Cognitive (Neuro-)Psychology (BA)
- Introduction to Computational Linguistics (BA)
- Neurodynamics (BA/MA)
- Formal Models for Analyzing and Creating Music (BA/MA)
- Advanced Computer Vision (MA)

Educational and Cultural Studies

- Structures of Vocational Education and Training – International Project Seminar (6 ECTS)
- Education in Germany – Foundations, Structures, and Practices (3 ECTS)
- Lecture Series: The Transfer of Values and Culture by Studies at German University (2 ECTS)

Law – Bachelor and Master Courses *(FFA = Foreign Law Programme)*

- Fundamentals of American Constitutional Law (6 ECTS, BA/MA)
- European and International Media Law (6 ECTS, BA/MA)
- European Copyright Law (6 ECTS, BA/MA)
- European Patent Law (6 ECTS, BA/MA)
- Lunch Talk on International Law (2 or 6 ECTS, BA/MA)
- Data Protection Law (1 or 4 ECTS, BA/MA)
- Legal English Conversation and Presentation Skills (6 ECTS)
- FFA: Introduction to English Law (6 ECTS, BA/MA)
- FFA: Introduction to US Law (6 ECTS, BA/MA)
- FFA: Law of Obligations UK (6 ECTS, BA/MA)
- FFA: Law of Obligations US (6 ECTS, BA/MA)
- FFA: UK Company Law (6 ECTS, BA/MA)
- FFA: Business Associations US (6 ECTS, BA/MA)

Mathematics, Systems Science, Computer Science

- Coupled Human-Environment Systems (9 ECTS) (MA)
- Applied Dynamical Systems (6 ECTS) (MA) (every second year)
- Computer Networks (9 ECTS) (BA)
- Design of Microelectronic Systems (6 ECTS) (BA)
- Embedded Software System Construction (9 ECTS) (BA)
- Bachelor Project Group (9 ECTS) (BA)
- Advanced Remote Sensing and Geoinformatics (6 ECTS) (BA)
- Computer Science Seminar (3 ECTS) (BA)
- 3D Sensor Data Processing (6 ECTS) (MA) (every second year)
- Knowledge-Based Systems (9 ECTS) (MA) (every second year)
- Machine Learning for Complex Data (6 ECTS) (MA)

- Mobile Communication (6 ECTS) (MA) (every second year)
- Regional Topics in (Applied) Earth Observation (9 ECTS) (MA)
- Software Quality (9 ECTS) (MA) (every second year)
- Robotic Project (6 ECTS) (MA) (every second year)
- Master Seminar Computer Science (3 ECTS) (MA)
- Selected Topics in Remote Sensing and Geoinformatics (6 ECTS) (MA)
- Embedded Systems Hardware (6 ECTS) (MA) (every second year)



Physics

- Methods of Biomacromolecular Physics (3 ECTS)

Psychology – (varying)

- Selected Topics in Differential Psychology (3 ECTS, BA)
- Selected Topics in Biological Psychology (3 ECTS, BA)
- Cognitive and Affective Neuroscience (3 ECTS, BA)
- Selected Topics in Social Psychology (3 ECTS, BA)
- Selected Topics in Work and Organizational Psychology I (3 ECTS, BA)
- Selected Topics in Work and Organizational Psychology II (3 ECTS, BA)
- Selected Topics from General Psychotherapeutic Approaches (4 ECTS, BA)
- Selected Topics in Development and Culture (4 ECTS, MA)
- Advanced Perspectives in Developmental Psychology Research (4 ECTS, MA)
- Selected Topics in Cross-Cultural Social Psychology (4 ECTS, MA)

Social Sciences

- Practical Approaches to Peacebuilding & Conflict Management (4 ECTS) (MA)
- Concepts & Theories in Peacebuilding (4/6 ECTS) (MA)
- Political Violence and Peacebuilding (4/6 ECTS) (MA)
- Conflict and Power in the Global Economy (4/6 ECTS) (MA)
- War and Peace in History and Theory (4/6 ECTS) (MA)

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- Molecular Plant Developmental Genetics
(Lecture 3 ECTS, Seminar 3 ECTS, Practical 7 ECTS) (MA)
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Soft Skills

- Intercultural Competences (4 or 6 ECTS)
- German Language Course (various levels) (6 or 9 ECTS)
- International Mentoring Course (2 ECTS). Details can be found:



www.uni-osnabrueck.de/en/prospective-students/international-prospective-students/international-mentoring-course-imcourse

**Winter or
Summer
Semester**

**Winter and
Summer
Semester**



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[www.uni-osnabrueck.de/en/university/
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