

**JOHANNES
KEPLER
UNIVERSITY LINZ**



Courses taught in English

The courses listed in this brochure refer to the academic year 2013/14.

For up-to-date course information please go to

<http://www.jku.at/exchange/courses>

WS = Winter Semester (October – January)

SS = Summer Semester (March – June)

Bachelor study programmes taught in English:

Bioinformatics

Biological Chemistry

Master study programmes taught in English:

Computer Science

Bioinformatics

Biological Chemistry

Polymer Chemistry

Management in Polymer Technologies

Polymer Technologies and Science

Industrial Mathematics

General Management

Economics

Management and Applied Economics

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Business, Economics and Social Sciences courses taught in English

Sem.	Title	Course Type	Hours per week	ECTS Credits
WS	Assorted Aspects of Intercultural Competence	Seminar (SE)	2	2,00
WS	Comparative Social Policy	Course (KS)	2	3,00
WS	Comparative Research in Cultural Studies	Course (KS)	2	3,00
WS	Theory of Intercultural Communication	Intensive Course (IK)	2	3,00
WS	Media und Societies in Europe	Intensive Course (IK)	2	3,00
WS	Reading Course: Gobal Studies	Tutorial (UE)	2	3,00
WS	Woman and Gender Studies	Intensive Course (IK)	1	4,00
WS	Politics in Europe	Intensive Course (IK)	2	3,00
WS	Personnel Economics	Course (KS)	2	3,00
WS	Macroeconometrics	Course (KS)	2	4,00
WS	Advanced Exchange Rate Theory	Course (KS)	2	4,00
WS	Balance of Payments and Exchange Rates	Course (KS)	2	3,00
WS	Seminar Applied International Marketing	Seminar (SE)	2	4,00
WS	Seminar Special Topics English (C2): Cross-Cultural Virtual Teams	Seminar (SE)	2	3,00
WS	Seminar Guest Professor English (C2): Consumer Marketing in the Age of new Technologies*	Seminar (SE)	2	3,00
WS	Seminar Guest Professor English (C2): Strategic Human Resource Management	Seminar (SE)	2	3,00
WS	Seminar Business and Culture English (C2)	Seminar (SE)	2	3,00
WS	Global Accounting and Control: A Managerial Emphasis	Course (KS)	2	4,00
WS	Cross Cultural Management	Seminar (SE)	2	3,00
WS	Current Issues in International Management	Seminar (SE)	2	3,00
WS	International Business	Course (KS)	2	3,00
WS	International Market Entry	Intensive Course (IK)	2	3,00
WS	Special Topics in International Management: International Negotiations	Intensive Course (IK)	2	3,00
WS	Special Topics in International Management: Cross Cultural Management and Teamwork	Intensive Course (IK)	2	3,00
WS	Managerial Economics	Course (KS)	2	3,00
WS	Applications of Knowledge Management Techniques*	Course (KS)	4	8,00
WS	Organization, Design and Innovation	Intensive Course (IK)	2	4,00
WS	Economic Growth	Course (KS)	2	4,00
WS	Research Seminar in Management Accounting	Seminar (SE)	2	3,00
WS	Seminar in Organization and Management	Seminar (SE)	2	3,00
WS	Second Seminar in Accounting*	Seminar (SE)	2	3,00
WS	Macroeconomics I	Course (KS)	2	4,00
WS	Econometrics II	Course (KS)	2	4,00
WS	Econometrics II	Intensive Course (IK)	1	2,00
WS	Quantitative Research Methods	Intensive Course (IK)	2	6,00
WS	Game Theory	Course (KS)	2	4,00
WS	Work Psychology	Seminar (SE)	2	4,00
WS	Developmental Psychology and Gender Role Socialization	Tutorial (UE)	2	3,00
WS	Advanced Trade Policy	Course (KS)	2	4,00
WS	Finance, Accounting and Taxation	MuSSS	2	3,00
WS	Master Course Corporate Finance	Course (KS)	2	6,00
WS	Master Course Financial Accounting	Course (KS)	2	6,00
WS	Master Course Managerial Accounting	Course (KS)	2	6,00
WS	Master Course Dimensions of Marketing Theory and Managerial	Course (KS)	2	6,00
WS	Master Course Creating Strategic Advantages	Course (KS)	2	6,00

Sem.	Title	Course Type	Hours per week	ECTS Credits
WS	Master Course Organization	Course (KS)	2	6,00
WS	Master Course Advances in Strategic Change and Learning	Course (KS)	2	6,00
WS	Master Seminar Intercultural Competence	Seminar (SE)	2	2,00
WS	Master Seminar Team Development & Group Dynamics	Seminar (SE)	2	2,00
WS	Master Seminar Global Strategic Management	Seminar (SE)	2	3,00
WS	Master Seminar Qualitative Research Methods	Seminar (SE)	2	3,00
WS	Master Seminar Quantitative Research Methods	Seminar (SE)	2	3,00
WS	Master Course Dimensions of Innovation	Course (KS)	2	4,00
WS	Master Seminar International Business Project	Seminar (SE)	3	6,00
WS	Master Seminar Advanced Topics in Global Strategic Management	Seminar (SE)	1	3,00
WS	Master Seminar Advanced Topics in Organization: Literature and Practice	Seminar (SE)	3	6,00
WS	Master Seminar Leaders, Groups and their Organizational Environment	Seminar (SE)	3	6,00
WS	Seminar Applied International Marketing	Seminar (SE)	2	4,00
WS	Master Seminar Globalization: Network Perspectives	Seminar (SE)	2	4,00
WS	Master Seminar Globalization: Politico-Economic Perspectives	Seminar (SE)	2	4,00
WS	Master Seminar Innovation: Entrepreneurial Perspectives	Seminar (SE)	2	4,00
WS	Master Seminar Innovation: Human Resource Perspectives	Seminar (SE)	2	4,00
WS	Master Seminar Advanced Topics in International Marketing	Seminar (SE)	1	2,00
WS	Master Course Dimensions of Globalization	Course (KS)	2	4,00
WS	Master Seminar Advanced Topics in B2B-Marketing	Seminar (SE)	1	2,00
WS	Master Course Corporate Finance	Course (KS)	2	6,00
WS	Master Course Financial Accounting	Course (KS)	2	6,00
WS	Master Course Managerial Accounting	Course (KS)	2	6,00
WS	Master Course Dimensions of Marketing Theory and Managerial	Course (KS)	2	6,00
WS	Master Course Creating Strategic Advantages	Course (KS)	2	6,00
WS	Master Course Organization	Course (KS)	2	6,00
WS	Master Course Advances in Strategic Change and Learning	Course (KS)	2	6,00
WS	Management and Marketing	Intensive Course (IK)	2	3,00
WS	Mathematics	Course (KS)	2	4,00
WS	Mathematics	Intensive Course (IK)	1	2,00
WS	Game Theory	Intensive Course (IK)	1	2,00
WS	Monetary Economics: Theory and Policy	Course (KS)	2	4,00
WS	Seminar Focussed on the Analysis of Societal Dynamics	Seminar (SE)	2	6,00
WS	Synthesis of Welfare Regimes and Comparative Social Policy incl. Case Studies	Seminar (SE)	3	5,00
WS	Master's Thesis Seminar	Intensive Course (IK)	2	10,00
WS	Advanced Text Production in Business Informatics	Seminar (SE)	2	3,00
WS	Financial Economics and Risk	Course (KS)	2	3,00
WS	Global Governance	Course (KS)	1	3,00
WS	International Management 2	Course (KS)	1	3,00
WS	Austrian Economic and Business Context	Course (KS)	1	2,00
WS	Cultural Awareness I	Proseminar (PS)	3	4,00
SS	Managing People and Organizations	Intensive Course (IK)	1	2,00
SS	Comparative Social Policy	Course (KS)	2	3,00
SS	International Economics, Finance and Macroeconomics	Intensive Course (IK)	2	3,00
SS	Microeconometrics	Course (KS)	2	4,00
SS	Seminar in Finance	Seminar (SE)	2	3,00
SS	Theory Seminar on Controlling and Management Accounting	Seminar (SE)	2	3,00
SS	Seminar Guest Professor English (C2): Leading Organizational Change	Seminar (SE)	2	3,00

Sem.	Title	Course Type	Hours per week	ECTS Credits
SS	Seminar Guest Professor English (C2): Aspects of Chinese Business and Culture	Seminar (SE)	2	3,00
SS	Seminar Business and Culture English (C2)	Seminar (SE)	2	3,00
SS	Balance of Payments and Exchange Rates	Course (KS)	2	3,00
SS	Seminar Applied International Marketing	Seminar (SE)	2	4,00
SS	Cross Cultural Management	Seminar (SE)	2	3,00
SS	Current Issues in International Management	Seminar (SE)	2	3,00
SS	International Business	Course (KS)	2	3,00
SS	International Market Entry	Intensive Course (IK)	2	3,00
SS	Special Topics in International Management: Strategic People Management in a Multinational Context	Intensive Course (IK)	2	3,00
SS	Special Topics in International Management: Leadership in Global Organizations	Intensive Course (IK))	2	3,00
SS	Managerial Economics	Course (KS)	2	3,00
SS	Economics of International Integration	Course (KS)	2	4,00
SS	International Economics, Finance and Macroeconomics	Seminar (SE)	2	4,00
SS	Macroeconomics II	Course (KS)	2	4,00
SS	Research Seminar in Management Accounting	Seminar (SE)	2	3,00
SS	Work Psychology	Seminar (SE)	2	4,00
SS	Education: Focus	Seminar (SE)	2	3,00
SS	Quantitative Research Methods	Tutorial (UE)	3	4,00
SS	Microeconomics II	Intensive Course (IK)	1	2,00
SS	Microeconomics II	Course (KS)	2	4,00
SS	Econometrics I	Interactive Course (IK)	1	2,00
SS	Econometrics I	Course (KS)	2	4,00
SS	Welfare Economics	Course (KS)	2	4,00
SS	Business Engineering & Management	Lecture (VO)	2	3,00
SS	English in Business Informatics	Seminar (SE)	2	3,00
SS	Culture and Language Policies in the EU	Interactive Course (IK)	2	3,00
SS	Political and Economic Development in Europe	Course (KS)	2	3,00
SS	Financing Cultural Events	Seminar (SE)	2	3,00
SS	Cultural Marketing	Seminar (SE)	2	3,00
SS	International Finance	Course (KS)	1	3,00

Computer Science courses taught in English

Sem.	Title	Course Type	Hours per week	ECTS Credits
WS	Digital Circuits	Tutorial (UE)	1	1,50
WS	Digital Circuits	Lecture (VL)	2	3,00
WS	Exercises in Bioinformatics	Tutorial (UE)	2	3,00
WS	Basic Methods of Data Analysis	Tutorial (KV)	2	3,00
WS	Machine Learning: Supervised Techniques	Tutorial (UE)	1	1,50
WS	Machine Learning: Supervised Techniques	Lecture (VL)	2	3,00
WS	Sequence Analysis and Phylogenetics	Tutorial (UE)	2	3,00
WS	Sequence Analysis and Phylogenetics	Lecture VL	2	3,00
WS	Masters Seminar	Seminar (SE)	2	3,00
WS	Project Bioinformatics	Practical Course (PR)	4	9,00
WS	Seminar Bioinformatics	Seminar (SE)	2	3,00
WS	Advanced Model Engineering	Tutorial (KV)	2	3,00
WS	Human/Computer Interaction	Lecture (VL)	2	3,00
WS	Hardware Design with Programmable Logic	Tutorial (KV)	2	3,00
WS	Probabilistic Models	Tutorial (UE)	1	1,50
WS	Visual Analytics	Lecture (VL)	2	3,00
WS	VLSI Design	Tutorial (KV)	2	3,00
WS	Project in Computational Engineering	Practical Course (PR)	5	7,50
WS	Seminar in Computational Engineering	Seminar (SE)	2	3,00
WS	Model Checking	Tutorial (KV)	3	4,50
WS	Probabilistic Models	Lecture (VL)	2	3,00
WS	Special Topics: Statistical Coaching	Tutorial (KV)	1	1,50
WS	Special Topics: Computer Forensics and IT Law	Tutorial (UE)	1	1,50
WS	Special Topics: Exploratory Data Analysis	Tutorial (KV)	2	3,00
WS	Special Topics: e-Government	Tutorial (KV)	2	3,00
WS	Special Topics: Statistics 4 (Multivariate Methods)	Tutorial (KV)	2	3,00
WS	Special Topics: Computer Assisted Statistics with SPSS	Tutorial (KV)	2	3,00
WS	Special Topics: Cloud Computing	Tutorial (KV)	2	3,00
WS	Special Topics: Statistics 4 (Multivariate Methods)	Seminar (SE)	2	3,00
WS	Special Topics: Biostatistics	Tutorial (UE)	2	3,00
WS	Special Topics: Biostatistics	Lecture (VL)	2	3,00
WS	Project in Intelligent Information Systems	Practical Course (PR)	5	7,50
WS	Seminar in Intelligent Information Systems: Information Integration	Seminar (SE)	2	3,00
WS	Seminar in Intelligent Information Systems: Crowd Knowledge Extraction	Seminar (SE)	2	3,00
WS	Seminar in Intelligent Information Systems: Cloud Computing	Seminar (SE)	2	3,00
WS	Seminar in Intelligent Information Systems: Situation-Awareness in Road Traffic Control	Seminar (SE)	2	3,00
WS	Information Retrieval and Extraction	Tutorial (KV)	2	3,00
WS	Knowledge Based Systems	Tutorial (KV)	2	3,00
WS	Multimedia Search and Retrieval	Tutorial (KV)	3	4,50
WS	Master's Thesis Seminar WS	Seminar (SE)	3	8,00
WS	Computer Forensics and IT Law	Lecture (VL)	2	3,00
WS	Introduction to IT Security	Lecture (VL)	2	3,00
WS	Information Security Management	Lecture (VL)	2	3,00
WS	Seminar in Networks and Security: Biometrics and Cryptography	Seminar (SE)	2	3,00
WS	Seminar in Networks and Security	Seminar (SE)	2	3,00
WS	System Administration	Tutorial (KV)	2	3,00
WS	Computer Vision	Tutorial (KV)	3	4,50
WS	Pervasive Computing: Design and Development	Tutorial (UE)	1	1,50

Sem.	Title	Course Type	Hours per week	ECTS Credits
WS	Pervasive Computing: Design and Development	Lecture (VL)	2	3,00
WS	Project in Pervasive Computing: Computer Graphics MSc	Practical Course (PR)	5	7,50
WS	Seminar in Pervasive Computing: Computer Graphics	Seminar (SE)	2	3,00
WS	Seminar in Pervasive Computing: Communication, Coordination, Cooperation	Seminar (SE)	2	3,00
WS	Pervasive Computing: Systems and Environments	Tutorial (UE)	1	1,50
WS	Pervasive Computing: Systems and Environments	Lecture (VL)	2	3,00
WS	Principles of Programming Languages	Tutorial (KV)	2	3,00
WS	Requirements Engineering	Tutorial (KV)	2	3,00
WS	Project in Software Engineering	Practical Course (PR)	5	7,50
WS	Seminar in Software Engineering: Collaborative	Seminar (SE)	2	3,00
WS	System Software	Tutorial (KV)	2	3,00
WS	Project Practical	Practical Course (PR)	5	7,50
WS	Systems Programming	Practical Course (PR)	2	3,00
WS	Artificial Intelligence	Tutorial (UE)	1	1,50
WS	Software Engineering	Tutorial (UE)	1	1,50
WS	Software Development 1	Tutorial (UE)	2	3,00
WS	Artificial Intelligence	Lecture (VO)	2	3,00
WS	Bioinformatics	Lecture (VO)	2	3,00
WS	Software Engineering	Lecture (VO)	2	3,00
WS	Mobile Computing	Tutorial (KV)	2	3,00
WS	Web Engineering	Tutorial (KV)	2	3,00
WS	Pervasive Computing	Tutorial (KV)	3	4,50
WS	Special Topics: Modularity and API Design	Tutorial (KV)	1	1,50
WS	Special Topics: Evolutionary Construction of Decision Trees	Tutorial (KV)	1	1,50
WS	Special Topics: Business Intelligence Unchained	Tutorial (KV)	2	3,00
WS	Special Topics: Industrialized Software Development: Methods and Tools	Tutorial (KV)	2	3,00
WS	Formal Methods in Software Development	Tutorial (KV)	3	4,50
SS	Genome Analysis & Transcriptomics	Tutorial (KV)	2	3,00
SS	Introduction to R	Tutorial (KV)	2	3,00
SS	Machine Learning: Unsupervised Techniques	Tutorial (UE)	1	1,50
SS	Machine Learning: Unsupervised Techniques	Lecture (VL)	2	3,00
SS	Information Systems for Bioinformatics	Tutorial (KV)	4	6,00
SS	Masters Seminar	Seminar (SE)	2	3,00
SS	Special Topics on Bioinformatics	Tutorial (KV)	2	3,00
SS	Advanced Model Checking	Tutorial (KV)	2	3,00
SS	Application Oriented Knowledge Processing	Tutorial (KV)	2	3,00
SS	Capacity Planning	Tutorial (KV)	2	3,00
SS	Conceptual Data Modeling	Tutorial (KV)	2	3,00
SS	Debugging	Tutorial (KV)	2	3,00
SS	Information Visualization	Tutorial (KV)	3	4,50
SS	Semantic Data Modeling and Applications	Tutorial (KV)	2	3,00
SS	Web Search and Mining	Tutorial (KV)	2	3,00
SS	Project in Computational Engineering	Practical Course (PR)	5	7,50
SS	Seminar in Computational Engineering	Seminar (SE)	2	3,00
SS	Hardware Design	Tutorial (UE)	1	1,50
SS	Hardware Design	Lecture (VL)	2	3,00
SS	Parallel Computing	Tutorial (KV)	3	4,50
SS	Special Topics: Software Development with C#	Tutorial (KV)	1	1,50
SS	Special Topics: Dynamic Compilation and Run-time Optimization in Virtual Mac	Tutorial (KV)	1	1,50

Sem.	Title	Course Type	Hours per week	ECTS Credits
SS	Special Topics: Audio and Music Processing	Tutorial (KV)	2	3,00
SS	Special Topics: Artificial Intelligence in Media, Art and Society	Tutorial (KV)	2	3,00
SS	Special Topics: Datawarehouses	Tutorial (KV)	2	3,00
SS	Special Topics: Satisfiability Modulo Theory	Tutorial (KV)	3	4,50
SS	Accessible Software and Web Design	Tutorial (KV)	1	1,50
SS	Integrated Information Systems	Tutorial (KV)	2	3,00
SS	Project in Intelligent Information Systems	Practical Course (PR)	5	7,50
SS	Seminar in Intelligent Information Systems: Information Systems	Seminar (SE)	2	3,00
SS	Seminar in Intelligent Information Systems: Crowd Knowledge Extraction	Seminar (SE)	2	3,00
SS	Seminar in Intelligent Information Systems: Case Management: Standards, Technologies and Tools	Seminar (SE)	2	3,00
SS	Seminar in Intelligent Information Systems: Situation-Awareness in Road Traffic Control and Crisis Management	Seminar (SE)	2	3,00
SS	Learning from User-generated Data	Tutorial (KV)	3	4,50
SS	Web Information Systems	Tutorial (KV)	3	4,50
SS	Master's Thesis Seminar SS	Seminar (SE)	3	8,00
SS	Cryptography	Tutorial (KV)	2	3,00
SS	Project in Networks and Security	Practical Course (PR)	5	7,50
SS	Seminar in Networks and Security: Challenges for IT-Security	Seminar (SE)	2	3,00
SS	Network Management	Tutorial (KV)	2	3,00
SS	Network Security	Tutorial (KV)	1	1,50
SS	Secure Code	Tutorial (KV)	1	1,50
SS	Security Models in Information Systems	Tutorial (KV)	2	3,00
SS	Systems Security	Tutorial (KV)	2	3,00
SS	Machine Learning and Pattern Classification	Tutorial (KV)	3	4,50
SS	Principles of Cooperation	Tutorial (UE)	1	1,50
SS	Principles of Cooperation	Lecture (VL)	2	3,00
SS	Project in Pervasive Computing: Computer Graphics MSc	Practical Course (PR)	5	7,50
SS	Seminar in Pervasive Computing: Socially Inspired Architectures	Seminar (SE)	2	3,00
SS	Seminar in Pervasive Computing: Computational Perception	Seminar (SE)	2	3,00
SS	Principles of Interaction	Tutorial (UE)	1	1,50
SS	Principles of Interaction	Lecture (VL)	2	3,00
SS	Model-driven Engineering	Tutorial (KV)	2	3,00
SS	Software Architectures	Tutorial (KV)	3	4,50
SS	Project in Software Engineering: Software and Web Accessibility	Practical Course (PR)	5	7,50
SS	Seminar in Software Engineering: Human-Computer Interaction	Seminar (SE)	2	3,00
SS	Seminar in Software Engineering: Mining in Software Engineering	Seminar (SE)	2	3,00
SS	Seminar in Software Engineering: Software and Web Accessibility	Seminar (SE)	2	3,00
SS	Software Testing	Tutorial (KV)	2	3,00
SS	Software Processes and Tools	Tutorial (KV)	2	3,00
SS	Project Practical: Computer Graphics, BSc	Practical Course (PR)	5	7,50
SS	Computer Architecture 1	Tutorial (UE)	1	1,50
SS	Computer Graphics	Tutorial (UE)	1	1,50
SS	Formal Models	Tutorial (UE)	1	1,50
SS	Computer Architecture 1	Lecture (VO)	3	4,50
SS	Computer Graphics	Lecture (VO)	2	3,00
SS	Formal Models	Lecture (VO)	2	3,00
SS	Modeling Internet Applications	Tutorial (KV)	2	3,00
SS	Mobile Computing	Tutorial (KV)	2	3,00
SS	Product Line Engineering	Tutorial (KV)	2	3,00

Sem.	Title	Course Type	Hours per week	ECTS Credits
SS	Wireless LANs	Tutorial (KV)	1	1,50
SS	Theoretical Concepts of Machine Learning	Tutorial (UE)	1	1,50
SS	Information Displays	Lecture (VO)	2	3,00
SS	Theoretical Concepts of Machine Learning	Lecture (VO)	2	3,00
SS	Structural Bioinformatics	Tutorial (KV)	2	3,00
SS	Special Topics: The .NET-Technology	Tutorial (KV)	1	1,50
SS	Special Topics: Selected Methods for Modelling and Simulation	Tutorial (KV)	1	1,50
SS	Special Topics: mobile, intelligent robots	Lecture (VL)	1	1,50
SS	Special Topics: Programming in Mathematica	Tutorial (KV)	2	3,00
SS	Special Topics: Formal Specification of Software	Tutorial (KV)	2	3,00
SS	Special Topics: Gödel's Incompleteness Theorems	Lecture (VL)	2	3,00
SS	Special Topics: Unifikationstheory	Lecture (VL)	2	3,00
SS	Special Topics: Introduction in parallel and distributed Computing	Lecture (VL)	2	3,00

Mathematics courses taught in English

Sem.	Title	Course Type	Hours per week	ECTS Credits
WS	Computer Algebra	Lecture (VL)	2	3,00
WS	Seminar Functional analysis: Kontani-Last problem and Spectral theory for almost periodic	Seminar (SE)	2	3,00
WS	Seminar Geometry: Recent Results in Applied Geometry	Seminar (SE)	2	3,00
WS	Special Topics Geometry: Geometric algorithms for scientific computing in C++	Lecture (VL)	2	3,00
WS	Automated Reasoning	Tutorial (UE)	1	1,50
WS	Automated Reasoning	Lecture (VL)	2	3,00
WS	Seminar logic and software design: Project Seminar Formal Methods I	Seminar (SE)	2	3,00
WS	Seminar logic and software design: Set Theory and Logical Foundations I	Seminar (SE)	2	3,00
WS	Special topics logic and software design: Formal Languages & Formal Grammars II	Lecture (VL)	2	3,00
WS	Special topics logic and software design: Logic-based Program Verification	Lecture (VL)	2	3,00
WS	Special topics mathematical methods in the economic sciences: Risk theory and related optimization problems	Lecture (VL)	2	3,00
WS	Computer Algebra for Concrete Mathematics	Tutorial (UE)	1	1,50
WS	Computer Algebra for Concrete Mathematics	Lecture (VL)	2	3,00
WS	Special Topics symbolic computation: Symbolic Summation and Special Functions I	Lecture (VL)	2	3,00
WS	Special Topics symbolic computation: Parallel Algorithms in Symbolic Computation	Lecture (VL)	2	3,00
WS	Seminar symbolic computation: Parallel Algorithms in Symbolic Computation	Seminar (SE)	2	3,00
WS	Seminar symbolic computation: Symbolic Summation for Particle Physics	Seminar (SE)	2	3,00
WS	Seminar symbolic computation: Computer-Algebra I	Seminar (SE)	2	3,00
WS	Seminar symbolic computation: Project seminar Algorithmic Combinatorics I	Seminar (SE)	2	3,00
WS	Special Topics Number theory: Applications of Number Theory	Lecture (VL)	2	3,00
WS	Seminar for graduate and doctoral students	Seminar (SE)	2	3,00
WS	Numerical and Symbolic Methods for Bioinformatics	Tutorial (KV)	2	3,00
WS	Mathematics for Chemists 1	Lecture (VO)	2	2,60
WS	Computer-Based Working Environments	Tutorial (KV)	1	1,50
WS	Fundamentals of Numerical Analysis and Symbolic Computation	Tutorial (KV)	2	3,00
WS	Information systems	Tutorial (KV)	2	3,00
WS	Integral equations and boundary value problems	Tutorial (UE)	2	3,00
WS	Numerical methods for partial differential equations	Tutorial (UE)	2	3,00
WS	Mathematical methods in continuum mechanics	Tutorial (UE)	2	3,00
WS	Logic programming	Tutorial (KV)	2	3,00
WS	Mathematical logic 1	Tutorial (UE)	1	1,50
WS	Computability theory	Lecture (VO)	2	3,00
WS	Thinking, Speaking, Writing: Understanding and Creating Mathematical Proofs	Lecture (VO)	2	3,00
WS	Thinking, Speaking, Writing: Communication of Scientific Results	Lecture (VO)	2	3,00
WS	Formal methods in software development	Tutorial (KV)	4	6,00
WS	Mathematical logic 1	Lecture (VO)	4	6,00
WS	Soziological basic theories of mathematics education: Designing and Carrying out Research Projects in Mathematics	Seminar (SE)	2	3,00
SS	Seminar Geometry: Recent Results in Computer Aided Geometric Design	Seminar (SE)	2	3,00
SS	Seminar logic and software design: Theorema Mathematical Theory Exploration	Seminar (SE)	2	3,00
SS	Special topics logic and software design: Formal Specification of Abstract Datatype	Lecture (VL)	2	3,00
SS	Special topics logic and software design: Gödel's Incompleteness Theorems	Lecture (VL)	2	3,00
SS	Special topics logic and software design: Unification theory	Lecture (VL)	2	3,00
SS	Special topics numerical analysis: Discontinuous Galerkin Methods in Space and Time	Lecture (VL)	2	3,00
SS	Computer Algebra for Concrete Mathematics	Tutorial (UE)	1	1,50
SS	Computer Algebra for Concrete Mathematics	Lecture (VL)	2	3,00
SS	Special Topics symbolic computation: Symbolic Summation and Special Functions II	Lecture (VL)	2	3,00
SS	Seminar symbolic computation: Computer-Algebra II	Seminar (SE)	2	3,00

Sem.	Title	Course Type	Hours per week	ECTS Credits
SS	Seminar symbolic computation: Algorithmic Algebra	Seminar (SE)	2	3,00
SS	Seminar symbolic computation: Project seminar Algorithmic Combinatorics II	Seminar (SE)	2	3,00
SS	Seminar symbolic computation: Project Seminar Computer algebra II	Seminar (SE)	2	3,00
SS	Algebraic and Discrete Methods for Biology	Tutorial (KV)	2	3,00
SS	History of mathematics: History of mathematics	Seminar (SE)	2	2,60
SS	GeoGebra & CAS for teaching mathematics	Tutorial (KV)	2	2,60
SS	Algorithms	Tutorial (UE)	1	1,25
SS	Oil Hydraulics	Tutorial (KV)	3	4,50
SS	Analysis 2	Tutorial (UE)	2	3,00
SS	Software engineering	Tutorial (KV)	2	3,00
SS	Dynamical systems and chaos	Tutorial (UE)	1	1,50
SS	Partial differential equations	Tutorial (UE)	2	3,00
SS	Numerical methods for elliptic equations	Tutorial (UE)	2	3,00
SS	Numerical methods in continuum mechanics 1	Tutorial (UE)	1	1,50
SS	Programming in Mathematica	Tutorial (KV)	2	3,00
SS	Computer analysis	Lecture (VO)	2	3,00
SS	Decidibility and complexity classes	Lecture (VO)	2	3,00
SS	Introduction to parallel and distributed computing	Lecture (VO)	2	3,00
SS	Computer-aided geometric design	Tutorial (UE)	1	1,50
SS	Dynamical systems and chaos	Lecture (VO)	2	3,00
SS	Numerical methods for elliptic equations	Lecture (VO)	4	6,00
SS	Numerical methods in continuum mechanics 1	Lecture (VO)	2	3,00
SS	Practical software technology	Tutorial (KV)	4	12,00

Chemistry and Polymer Technology courses taught in English

Sem.	Title	Course Type	Hours per week	ECTS Credits
WS	Project seminar Technical Chemistry	Seminar (SE)	6	9,90
WS	Seminar Chemical Technology of Inorganic Materials	Seminar (SE)	1	1,60
WS	Excercises Spectroscopy and Structure Elucidation II	Tutorial (UE)	1	1,60
WS	Spectroscopy and Structure Elucidation II	Lecture (VL)	1	1,30
WS	Advanced NMR 1	Lecture (VL)	1	1,30
WS	Organic Chemistry III (Natural Products)	Lecture (VL)	2	2,60
WS	Stereochemistry	Lecture (VL)	2	2,60
WS	Organic Semiconductors: Spectroscopy in organic Semiconductors	Lecture (VL)	2	3,00
WS	Excercises in Polymer Chemistry 2	Tutorial (UE)	1	1,60
WS	Polymer Chemistry 2	Lecture (VL)	2	2,60
WS	Advanced Polymer Synthesis Lab Course	Practical Course (PR)	5	6,00
WS	Molecularly Imprinted Polymers	Lecture (VL)	1	1,30
WS	Physics and Chemistry of Organic Semiconductors	Lecture (VL)	2	2,60
WS	Synthetic Polymers for Biology and Medicine	Lecture (VL)	1	1,50
WS	Science and Technology of Organic Semiconductors	Seminar (SE)	1	1,60
WS	Technical Polymeric Materials	Lecture (VL)	1	1,30
WS	Bachelor Seminar Biological Chemistry JKU (Including Bachelo	Seminar (SE)	1	5,70
WS	Chemical Thin Film Technology	Lecture (VL)	2	2,60
WS	Recent Literature Seminar	Seminar (SE)	2	3,00
WS	Seminar on NMR spectroscopy	Seminar (SE)	1	1,60
WS	Privatissimum in Organic and Biological Chemistry	Seminar (SE)	2	3,00
WS	Research seminar	Seminar (SE)	1	1,60
WS	Recent Literature Seminar	Seminar (SE)	1	1,60
WS	Advanced Materials	Seminar (SE)	1	1,50
WS	Lab. Course Physical Chemistry III	Practical Course (PR)	6	9,00
WS	Spectroelectrochemistry	Lecture (VL)	2	3,00
WS	Current Topics in Biological Chemistry: Positron emission tomography radiochemistry	Lecture (VL)	1	1,30
WS	Current Topics in Biological Chemistry: Surfaces and Interfaces for Technical Applications	Lecture (VL)	1	1,30
WS	Photochemistry	Lecture (VL)	2	2,60
WS	Seminar in Biophysical Chemistry	Seminar (SE)	1	1,60
WS	Current Topics in Biophysical Chemistry: Nanobiomechanics	Lecture (VL)	2	2,60
WS	Biochemical Technologies	Lecture (VL)	1	1,30
WS	Master Thesis Seminar Biological Chemistry	Seminar (SE)	2	3,00
WS	Practical NMR	Practical Course (PR)	2	2,40
WS	Practical NMR	Practical Course (PR)	2	2,40
WS	Structure and Properties of Biological Materials	Lecture (VL)	1	1,30
WS	Basics in Chemistry for Bioinformatics	Tutorial (KV)	1	3,00
WS	Laboratory of Instrumental Analysis	Practical Course (PR)	2	2,40
WS	Introduction to the Analytical Laboratory	Lecture (VO)	1	1,30
WS	Instrumental Analysis	Lecture (VO)	2	2,60
WS	Chemical Calculations	Tutorial (KV)	2	6,40
WS	Introduction I to General Chemistry	Lecture (VO)	1	2,60
WS	General and Inorganic Chemistry 1	Lecture (VO)	4	5,20
WS	Laboratory in Physical Chemistry 1	Practical Course (PR)	4	4,80
WS	Excercises in Physical Chemistry 1	Tutorial (UE)	1	1,60

Sem.	Title	Course Type	Hours per week	ECTS Credits
WS	Physical Chemistry 1	Lecture (VO)	4	5,20
WS	Practical Course in General Chemistry	Practical Course (PR)	4	4,80
WS	General and Inorganic Chemistry I	Lecture (VO)	4	5,20
WS	Laboratory Course of Organic Chemistry I	Practical Course (PR)	7	8,40
WS	Spectroscopy and Structural Elucidation I: Spectroscopic Analytical Techniques	Lecture (VO)	1	1,30
WS	Physical Chemistry I	Lecture (VO)	4	5,20
WS	Dye chemistry: Dyes, Pigments and Modern Functional Materials	Lecture (VL)	1	1,50
WS	Polymeric Materials 5 - Polymeric Mat. & Sust. Developm.	Tutorial (KV)	2	3,00
WS	Polymer Product Design and Engineering III	Tutorial (UE)	1	1,00
WS	Polymer Product Design and Engineering III	Lecture (VL)	1	1,50
WS	Packaging	Lecture (VL)	2	2,50
WS	Master's Thesis Seminar MPT	Seminar (SE)	3	3,00
WS	Scientific Tutorial in Materials Science and Testing of Poly	Seminar (SE)	4	6,00
WS	Scientific Tutorial in Polymer Physics and Characterization	Seminar (SE)	4	6,00
WS	Design of Lightweight Structures	Tutorial (UE)	2	2,50
WS	Experimental Solid Mechanics for Polymeric Components	Practical Course (PR)	2	2,50
WS	Structural Health Monitoring	Lecture (VL)	2	3,00
WS	Scientific Tutorial in Polymer Product Engineering	Seminar (SE)	2	3,00
WS	Chemistry and Technology of Silicone Elastomers	Lecture (VL)	2	2,60
WS	Characterization and Testing of Polymeric Materials 2	Practical Course (PR)	4	4,00
WS	Industrial Chemistry for Plastic Engineering	Lecture (VL)	1	1,50
WS	Physical Chemistry of Surfaces and Interfaces	Lecture (VL)	1	1,50
WS	Structure Development in Polymeric Materials	Lecture (VL)	2	3,00
WS	Design of Lightweight Structures	Tutorial (KV)	2	3,00
WS	Mechanical Material Models for Polymers	Tutorial (KV)	2	3,00
WS	Polymer Product Design and Engineering 4: Integrated Injecti	Tutorial (UE)	1	1,50
WS	Polymer Extrusion and Compounding 1: Process Technologies	Lecture (VL)	2	3,00
WS	Polymer Injection Moulding 1: Machine Engineering	Lecture (VL)	2	3,00
WS	Technologies of Polymer Processing	Seminar (SE)	2	2,00
WS	Polymer Extrusion and Compounding 1: Process Technologies	Tutorial (UE)	1	1,50
WS	Polymer Injection Moulding 1: Machine Engineering	Tutorial (UE)	1	1,50
WS	Optimization Methods in Polymer Processing	Tutorial (KV)	2	3,00
WS	Seminar in Polymer Extrusion and Compounding	Seminar (SE)	2	3,00
SS	Project seminar Technical Chemistry	Seminar (SE)	6	9,90
SS	Chemical Technology of Organic Materials III	Lecture (VL)	2	2,60
SS	Seminar Chemical Technology of Inorganic Materials	Seminar (SE)	1	1,60
SS	High Resolution Microscopy I - Optical and Electron Microsco	Lecture (VL)	1	1,50
SS	High Resolution Microscopy II - Scanning Probe Techniques	Lecture (VL)	1	1,50
SS	Photovoltaic	Lecture (VL)	2	3,00
SS	Tensorial Rheology	Lecture (VL)	2	2,60
SS	Exercises in Transport Processes	Tutorial (UE)	1	1,60
SS	Patent Law and Intellectual Property	Lecture (VL)	2	2,60
SS	Chemometrics	Lecture (VL)	2	2,60
SS	Current Topics in Organic Chemistry	Lecture (VL)	1	1,50
SS	Physical and theoretical Chemistry	Lecture (VL)	2	2,60
SS	Chemical Interactions in Polymers	Lecture (VL)	1	1,30
SS	Technical Biopolymers	Lecture (VL)	1	1,30
SS	Polymerization Techniques	Lecture (VL)	2	2,60
SS	Bionics - biomimetic Materials and Polymers	Lecture (VL)	1	1,30

Sem.	Title	Course Type	Hours per week	ECTS Credits
SS	Functional Polymers	Lecture (VL)	1	1,30
SS	Porous Polymers	Lecture (VL)	1	1,50
SS	Bachelor Seminar Biological Chemistry JKU (Including Bachelor)	Seminar (SE)	1	5,70
SS	English for Chemistry 2 (writing & presenting)	Tutorial (KV)	1	1,60
SS	Introduction to Genetics	Lecture (VL)	1	1,50
SS	Instruction to scientifically work	Seminar (SE)	4	6,00
SS	Recent Literature Seminar	Seminar (SE)	2	3,00
SS	Seminar on NMR spectroscopy	Seminar (SE)	1	1,60
SS	Privatissimum in Organic and Biological Chemistry	Seminar (SE)	2	3,00
SS	Research seminar	Seminar (SE)	1	1,60
SS	Recent Literature Seminar	Seminar (SE)	1	1,60
SS	Advanced Materials	Seminar (SE)	1	1,50
SS	Computational tools for experimental scientists	Lecture (VL)	4	6,00
SS	Lab. Course Physical Chemistry III	Practical Course (PR)	6	9,00
SS	Preparative Chemistry Laboratory for Biological Chemists	Practical Course (PR)	5	6,00
SS	Master Thesis Seminar Biological Chemistry	Seminar (SE)	2	3,00
SS	Advanced NMR 2	Tutorial (KV)	1	1,60
SS	Practical NMR	Practical Course (PR)	2	4,80
SS	Protein Science	Lecture (VL)	1	1,30
SS	Seminar in Structural and Computational Biochemistry	Seminar (SE)	1	1,60
SS	Introduction into Instrumental Analytics for Life-Sciences	Tutorial (KV)	2	3,00
SS	Proseminar to VO Organic Chemistry I	Proseminar (PS)	2	3,20
SS	Theoretical Modelling of Biological Systems	Tutorial (UE)	2	3,00
SS	Theoretical Modelling of Biological Systems	Lecture (VL)	2	3,00
SS	Analytical Chemistry 1	Lecture (VO)	3	3,90
SS	Exercises in Mathematics for Chemists 2	Tutorial (UE)	2	3,20
SS	Exercises in Physics for Biological Chemistry	Tutorial (UE)	1	1,60
SS	Mathematics for Chemists 2	Lecture (VO)	2	2,60
SS	Physics for Biological Chemistry 2	Lecture (VO)	2	2,60
SS	Organic Chemistry 1	Lecture (VO)	4	10,40
SS	Laboratory in Physical Chemistry 1	Practical Course (PR)	4	4,80
SS	Laboratory Course of Analytical Chemistry I	Practical Course (PR)	7	8,40
SS	Exercises in Physical Chemistry II	Tutorial (UE)	1	1,60
SS	Physical Chemistry II	Lecture (VO)	2	2,60
SS	Industriell Biotechnology	Lecture (VO)	2	2,60
SS	Biochemistry	Lecture (VO)	2	2,60
SS	Dye chemistry: Dyes, Pigments and Modern Functional Materials	Lecture (VL)	1	1,50
SS	Characterization and Testing of Polymeric Materials 1	Lecture (VL)	2	2,50
SS	Characterization and Testing of Plastics 1b	Practical Course (PR)	1	1,00
SS	Company Visits: Polymer Industry	Tutorial (UE)	1	1,00
SS	Polymer Product and Process Development	Lecture (VL)	2	3,00
SS	Polymer Product and Process Development Project	Practical Course (PR)	3	4,00
SS	Safety Analysis and Modeling	Tutorial (KV)	2	3,00
SS	Master's Thesis Seminar MPT	Seminar (SE)	3	3,00
SS	Scientific Tutorial in Materials Science and Testing of Poly	Seminar (SE)	4	6,00
SS	Scientific Tutorial in Polymer Physics and Characterization	Seminar (SE)	4	6,00
SS	Engineering with Soft Materials	Tutorial (KV)	2	3,00
SS	Structural Integrity Assesment of Polymer Structures	Tutorial (KV)	2	3,00

Sem.	Title	Course Type	Hours per week	ECTS Credits
SS	Master's Thesis Seminar PTS	Seminar (SE)	3	3,00
SS	Applied Measurement and Control in Polymer Processing	Tutorial (KV)	1	1,50
SS	Seminar in Polymeric Materials and Testing	Seminar (SE)	2	3,00
SS	Scientific Tutorial in Polymeric Materials and Testing	Seminar (SE)	3	4,50
SS	Physical Chemistry of Surfaces and Interfaces	Lecture (VL)	1	1,50
SS	Polymeric Materials 3: Polymer Mechanics and Fracture Mechan	Lecture (VL)	2.00	3
SS	Polymeric Materials 4: Functional Polymeric Materials	Seminar (SE)	1.00	1
SS	Polymeric Materials 4: Functional Polymeric Materials	Lecture (VL)	1.00	1,5
SS	Lightweight Design with Composite Materials	Tutorial (UE)	1.00	1,5
SS	Lightweight Design with Composite Materials	Lecture (VL)	2.00	3
SS	Polymer Product Design and Engineering 4: Integrated Injecti	Lecture (VL)	2.00	3
SS	Polymer Extrusion and Compounding 2: Modelling Screw Extrusi	Lecture (VL)	2.00	3
SS	Polymer Injection Moulding 2: Process Technologies	Tutorial (KV)	2.00	3
SS	Polymer Processing	Practical Course (PR)	2.00	2
SS	Technologies of Polymer Processing	Seminar (SE)	2.00	2
SS	Polymer Extrusion and Compounding 2: Modelling Screw Extrusi	Tutorial (UE)	1.00	1,5
SS	Scientific Tutorial in Polymer Extrusion and Compounding	Seminar (SE)	3.00	4,5

Physics courses taught in English

Sem.	Title	Course Type	Hours per week	ECTS Credits
WS	Seminar in semiconductor physics: Methods in experimental semiconductor physics	Seminar (SE)	2	3,00
WS	Physics for Biological Chemistry 1	Tutorial (KV)	1	1,60
WS	Biophysics Laboratory	Practical course (PR)	2	3,00
WS	Biophysics	Lecture (VO)	2	3,00
WS	Lab course in organic electronics	Practical course (PR)	2	3,00
WS	Organic electronics	Lecture (VO)	2	3,00
WS	Fundamentals of Physics III (Waves, Optics, Photonics)	Tutorial (UE)	2	6,00
WS	Introduction to programming I	Practical course (PR)	2	3,00
WS	Project seminar Technical Physics	Seminar (SE)	2	9,00
WS	Surface and nano analytics lab (experimental)	Practical course (PR)	6	9,00
WS	Literature seminar in applied physics	Seminar (SE)	2	3,00
WS	Literature seminar in semiconductor und solid state physics	Seminar (SE)	2	3,00
WS	Literature seminar in semiconductor und solid state physics	Seminar (SE)	2	3,00
WS	Literature seminar in surface and nano analytics	Seminar (SE)	2	3,00
WS	Research seminar in surface and nano analytics	Seminar (SE)	2	3,00
WS	Nanofabrication I: Growth and Self-Organization	Practical course (PR)	1	1,50
WS	Seminar in Nanoscience and -Technology	Seminar (SE)	2	3,00
WS	Physics of low dimensional systems	Tutorial (UE)	1	1,50
WS	Nanofabrication I: Growth and Self-Organization	Lecture (VO)	2	3,00
WS	Physics of low dimensional systems	Lecture (VO)	3	4,50
WS	Computational Physics I: Exercises	Tutorial (UE)	1	1,50
WS	Thermodynamics and fundamentals of statistical Physics	Tutorial (UE)	1	1,50
WS	Computational Physics I	Lecture (VO)	2	3,00
WS	Seminar in surface and nano analytics	Seminar (SE)	2	3,00
WS	Laser physics	Tutorial (UE)	1	1,50
WS	Laser physics	Lecture (VO)	2	3,00
WS	Selected Topics on Biophysics: Mechanisms of Membrane Transport	Seminar (SE)	2	3,00
WS	Bioanalytics I	Tutorial (UE)	1	1,5
WS	Bioanalytics I	Lecture (VO)	2	3,00
WS	Quantum Computation and Communication	Lecture (VO)	2	3,00
WS	Seminar in applied physics: Applications of Light-Induced Phenomena	Seminar (SE)	2	3,00
WS	Seminar in physics of soft materials	Seminar (SE)	2	3,00
WS	Seminar in theoretical physics: Optical properties of molecular systems	Seminar (SE)	2	3,00
WS	Analytics of surfaces and thin layers	Tutorial (UE)	1	1,50
WS	Surface science II	Tutorial (UE)	1	1,50
WS	Quantum electronics and optics	Tutorial (UE)	1	1,50
WS	Superconductivity and low temperature physics	Tutorial (UE)	1	1,50
WS	Spectroscopy and structure analysis	Tutorial (UE)	1	1,50
WS	Special topics in atomic physics and surface science: optical methods	Lecture (VO)	2	3,00
WS	Special topics in Applied Physics: numerical methods	Lecture (VO)	2	3,00
WS	Special topics in Applied Physics: Metamaterials	Lecture (VO)	2	3,00
WS	Special topics in solid state physics: Photovoltaic	Lecture (VO)	2	3,00
WS	Semiconductor physics for advanced students	Lecture (VO)	3	4,50
WS	Metal Physics	Lecture (VO)	2	3,00
WS	Quantum electronics and optics	Lecture (VO)	2	3,00
WS	Spectroscopy and structure analysis	Lecture (VO)	2	3,00
SS	Introduction to Laser Processing	Lecture (VL)	2	3,00

Sem.	Title	Course Type	Hours per week	ECTS Credits
SS	Nanoforum	Tutorial (KV)	2	3,00
SS	Seminar in semiconductor physics: Methods in experimental semiconductor physics	Seminar (SE)	2	3,00
SS	Fundamentals of Physics IV (Atomic/Subatomic Physics)	Tutorial (UE)	1	1,50
SS	Project seminar Technical Physics	Seminar (SE)	2	9,00
SS	Research seminar in biophysics	Seminar (SE)	2	3,00
SS	Surface and nano analytics lab (experimental)	Practical Course (PR)	6	9,00
SS	Literature seminar in applied physics	Seminar (SE)	2	3,00
SS	Literature seminar in semiconductor und solid state physics: solid state physics	Seminar (SE)	2	3,00
SS	Literature seminar in semiconductor und solid state physics	Seminar (SE)	2	3,00
SS	Literature seminar in surface and nano analytics	Seminar (SE)	2	3,00
SS	Research seminar in surface and nano analytics	Seminar (SE)	2	3,00
SS	Nanofabrication II: Semiconductor Technology: Top Down	Practical Course (PR)	1	1,50
SS	Nanofabrication II: Semiconductor Technology: Top Down	Lecture (VO)	2	3,00
SS	Photonics	Tutorial (UE)	1	1,50
SS	Photonics	Lecture (VO)	2	3,00
SS	Seminar in surface and nano analytics: energy technology - energy research	Seminar (SE)	2	3,00
SS	Semiconductor physics	Tutorial (UE)	1	1,50
SS	Semiconductor physics	Lecture (VO)	2	3,00
SS	Physics of Soft Matter	Lecture (VO)	2	3,00
SS	Vacuum technology and physics	Lecture (VO)	2	3,00
SS	Bioanalytics II	Tutorial (UE)	1	1,50
SS	Bioanalytics II	Lecture (VO)	2	3,00
SS	Semiconductor- Hetero- quantum- well- structures	Lecture (VO)	2	3,00
SS	Nanooptics	Lecture (VO)	2	3,00
SS	Smart Materials	Lecture (VO)	2	3,00
SS	Seminar in applied physics: Applications of Lasers in Modern Life	Lecture (VO)	2	3,00
SS	Computational Physics II	Tutorial (UE)	1	1,50
SS	Advanced Microscopy: Electron Microscopy and Spectroscopy	Lecture (VO)	2	3,00
SS	Special topics in Applied Physics: Ultrahigh resolution in optical microscopy	Lecture (VO)	2	3,00
SS	Special topics in surface and nano analytics: Optics for materials scientist chemistry	Lecture (VO)	2	3,00
SS	Special topics in soft matter physics: From stretchable electronics to soft robotics	Lecture (VO)	2	3,00
SS	Computational Physics II	Lecture (VO)	2	3,00
SS	Crystal growth	Lecture (VO)	2	3,00

Law courses taught in English

Sem.	Title	Course Type	Hours per week	ECTS Credits
WS	Common Law Civil Procedure	Lecture (VL)	1	1,50
WS	European Tax Law	Lecture (VL)	1	1,50
WS	International Commercial Arbitration	Lecture (VL)	1	1,50
WS	Legal English	Colloquy (KO)	2	3,00
WS	Legal English	Course (KS)	2	2,50
WS	Purchase tax and transfer tax	Proseminar (PS)	1	1,00
WS	Selected Topics: Common Law Legal Order/US Bankruptcy Law	Lecture (VL)	1	1,50
SS	International Commercial Arbitration	Lecture (VL)	1	1,50
SS	Law of the United States (Comparison of U.S. law)	Colloquy (KO)	2	2,00
SS	Legal English	Colloquy (KO)	2	3,00
SS	Selected Topics: Common Law Legal Order/US Bankruptcy Law	Lecture (VL)	1	1,50
SS	Seminar on Comparative Law	Seminar (SE)	3	5,00
SS	Seminar on European International commercial Arbitration	Seminar (SE)	3	6,00

German as a Foreign Language Courses

The following levels and courses are offered throughout the semester:

Beginners

- German as a Foreign Language Basic Course I (A1), 6 hours per week, 6 ECTS credits
- German as a Foreign Language Basic Course II (A1/A2), 6 hours per week, 6 ECTS credits

Students may not simultaneously attend both Basic I and Basic II German.

Intermediate

- German as a Foreign Language Intermediate I (A2), 6 semester hours per week, 6 ECTS credits + German Text Production Intermediate I (A2), 2 hours per week, 2 ECTS credits
- German as a Foreign Language Intermediate II (B1), 6 semester hours per week, 6 ECTS credits + German Text Production II (B1), 2 hours per week, 2 ECTS credits

Students may not simultaneously attend both Intermediate I and Intermediate II German.

Advanced

- (I) German Grammar in Situations 1 (B1/B2), 2 semester hours per week, 2 ECTS credits
- (II) German as a Foreign Language, Advanced I (B2), 4 hours per week, 6 ECTS credits
- (III) German as a Foreign Language, Advanced II (C1), 4 hours per week, 6 ECTS credits

The Roman numerals in brackets indicate the level of each course offered at an Advanced level. Exchange students may combine courses from different levels (e.g. Communication German and Case Studies German) if their knowledge is sufficient enough to follow both courses. This option applies to exchange students only as their period of study is limited to one or two semesters. Regular full time students are required to attend the courses in succession. To enroll in the course "Special Language for Specific Purposes German " and "Special Language Studies", students will be required to undergo entry interviews that will be conducted at the beginning of the semester.

In addition to the above mentioned courses, there are two courses with a special status:

- Certificate Preparation Course German (2 semester hours per week, 3 ECTS credits) prepares students to take the ÖSD examinations (Austrian Language Certificate) at three different levels ("Zertifikat", "Mittelstufe" and "Diplom Wirtschaftsdeutsch"). The minimum entry requirement is the successful completion of "Intermediate I" (A2). The course is open to all students interested in preparing for and taking these examinations.
- "German - Phonetics" (2 semester hours per week, 2 ECTS credits) aims to improve pronunciation. Course prerequisite: "Basic Course II" (A1/A2) or a recommendation by an instructor.

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