

Faculty of Business and Economics

Modules open to Erasmus students

Master's Level

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Business Administration

Advanced International Financial Reporting
Advanced Sustainability and Life Cycle Assessment
Aktuelle Themen der Betrieblichen Umweltökonomie
Aktuelle Themen des Management Science
Applied Technologies in Logistics
Beschaffungsmanagement
Businessplanseminar
Case Studies in Innovative & Sustainable Business
Corporate Sustainability
Elektrizitätswirtschaft / Power System Economics
Financial Technology
Finanzderivate und Optionen
Inventory Management
Management and Organization Theory
Managing for Sustainability
Marketing Literature Review
Marketing Science
Marktforschung
Multidisciplinary Perspectives of Sustainability
Nachhaltigkeitscontrolling
Neue Perspektiven der Energiewirtschaft
Operations Research Vertiefung
Organizational Behavior
Prüfungslehre
Regulierung und Ökonomie der Rechnungslegung
Relationship Marketing
Ressourcenmanagement
Ressourcenökonomie und Umweltpolitik
Risikocontrolling und Risikomanagement
Risikoquantifizierung und -management in der Energiewirtschaft
Scheduling
Seminar Management Science
Service Learning for TransformAbility
Simulation und Modellierung
Space Economics

Strategic Human Resource Management
Strategic Sustainability Management
Strategisches Controlling
Studienprojekte in der Energiewirtschaft
Technology Management
Topics in Empirical Finance
Trends in Organization and Management Studies
Umweltorientierte Produktionsplanung
Unternehmensbewertung und wertorientiertes Controlling
Unternehmensethik
Value-based Management
Wirtschaftswissenschaftliche Anwendungen mit R

Economics

Aktuelle Fragen der Ökonometrie
Computable General Equilibrium Analysis
Current Topics in Applied Econometrics
Current Topics in Empirical Economic Research
Current Topics in International Monetary Economics
Current Topics in Public Economics
Development Economics
Economics of Migration
Economics of the Welfare State
Empirical Labor Economics
Exchange Rates
Innovationsökonomik
International Financial Markets
International Public Economics
Introduction to Geographic Information Systems
Microeconometrics
Microeconomic Perspectives on Development Economics
Principles of Economic Theory
Principles of Public and International Economics
Resource Economics
Spieltheorie
Theory of Taxation
Time Series Econometrics

Topics in Economic Policy

Topics in International Economics

Topics in Policy Evaluation

Business Education and Management Training

Aktuelle Fragen des organisationalen Lernens

Aktuelle Fragen in der Theorie und Praxis der kaufmännischen Aus- und Weiterbildung

Aktuelle Herausforderungen des Personalmanagements

Aktuelle Themen der Wirtschaftspädagogik

Ausgewählte Fragen des Personalmanagements

Lernen im Prozess der Arbeit

Multimediales Lernen

Neuere Theorien des Lehrens und Lernens

Spezielle Themen des Personalmanagements

Wirtschaftsdidaktik im Spannungsfeld von Theorie und Praxis

Business Information Systems

Aktuelle Themen des Business Engineerings

Case Study Research

Data-Driven Business Models

Digital Business Engineering

Digital Health

ERP-gestützte Geschäftsprozesse

ERP-Planspiel

Gestaltungsansätze der Business Processes and Systems

Health Care Management

Projektseminar Software Development

Supplementary Qualifications

Advanced Methods in Data Analytics

Applied Multivariate Statistics

Cost and Prices in Transport

Cost-Benefit Analysis in Transport

Cost-Benefit Evaluation of Infrastructure Projects and Traffic Law

Data-Driven Multivariate Statistics

Empirical Research in Spatial and Environmental Economics

Methods in Data Analytics

Spatial Economics and the Environment

Theoretical Multivariate Statistics

Transport Ecology

Urban Economics

Foreign Languages

German Language Skills Basics

German Language Skills Beginners

Business Administration

Module number	Module name	Responsible lecturer
WW-D-107-AIFR WW-MA-107-AIFR WW-MA-PIE-IFR	Advanced International Financial Reporting	Prof. Dr. Michael Dobler wus.wiwi@tu-dresden.de
Qualification objectives	Students have in-depth specialist knowledge of international financial reporting. In particular, you will be able to present and explain the Inter-national Financial Reporting Standards (IFRS) including specific develop-ment and application problems and will be able to apply this knowledge in a problem-oriented manner as a preparer and user of financial reports in an international context. They can distinguish between the various normative concepts and are familiar with English as the language of sci-ence.	
Contents	The content of the module is the economic, institutional and legal foundations of international accounting as well as selected accounting problems of individual company, group and industry-specific accounting in an international context, mainly according to IFRS.	
Teaching and learning methods	Lecture: 2 hours per week Independent study The language of the module is English.	
Prerequisites for participation	Basic knowledge of accounting and annual financial statements as well as accounting according to IFRS at Bachelor's level is required. The following literature is suitable for preparation: Weygandt, J.J.; Kimmel, P.D.; Kieso, D.E.: Financial Accounting: IFRS. John Wiley and Sons, latest edition.	
Usability	MA BWL: Field Business Administration MA WiPäd, D WiInf, D WiIng: Field Business Administration and Economics MA PIE The selection must be made in accordance with the examination regulations.	
Examination	More than three registered students: written exam, 60 minutes Up to three registered students: non-public oral examination, 20 minutes duration as an individual examination	
Workload and Credit points	150 hours, 5 credit points	
Frequency	Offered each winter semester	
Duration	One semester	

Module number	Module name	Responsible lecturer
WW-D-102-SLCA WW-MA-102-SLCA WW-MA-PIE-SLC	Advanced Sustainability and Life Cycle Assessment	Prof. Dr. Edeltraud Günther lehre_bu@mailbox.tu-dresden.de
Qualification objectives	Students possess practical knowledge of sustainability assessment methods, particularly life cycle analysis (LCA). They are proficient in the four phases of life cycle assessment and recognize the relevance of individual life cycle stages to the overall assessment. They understand key environmental impacts—including climate change (global warming), resource scarcity, water use, ecotoxicity, acidification, and eutrophication—in terms of their root causes and mechanisms of action, and can systematically attribute these to products and services.	
Contents	This module covers methods of sustainability assessment, particularly life cycle assessment and its application.	
Teaching and learning methods	Seminar: 2 hours per week Independent study The language of the module is English. The seminar is limited to 40 participants, selection based on the order of enrollment.	
Prerequisites for participation	Knowledge and skills such as those taught in the “Sustainability Management in Practice” module are required. The following literature is recommended for preparation: E. Günther, Ecology-Oriented Management: (Environmentally) Oriented Thinking in Business Administration. Stuttgart: Lucius & Lucius, 2008. / M. Hauschild, R. K. Rosenbaum, and S. I. Olsen, Eds., Life Cycle Assessment: Theory and Practice. Cham: Springer, 2018. Furthermore, English language proficiency at the C1+ level of the Common European Framework of Reference for Languages is required.	
Usability	MA BWL: Fields Business Administration, Methods and Procedures, Presenting and Discussing MA WiPäd: Business Administration and Economics, Methods and Procedures D WiInf, D WiIng: Fields Business Administration and Economics, Methods and Procedures, Presenting and Discussing MA PIE Students must choose according to the respective examination regulations. The choice is only permitted for one of the fields mentioned.	
Examination	Complex assesment, 90 hours	

Workload and Credit points	150 hours, 5 credit points
Frequency	Offered each winter semester
Duration	One semester

Module number	Module name	Responsible lecturer
WW-D-102-ATBU WW-MA-102-ATBU	Aktuelle Themen der Betrieblichen Umweltökonomie	Prof. Dr. Edeltraud Günther Lehre_bu@mailbox.tu-dresden.de
Qualification objectives	Students are familiar with current issues in business environmental economics from theory and practice. They are able to prepare, present, analyze, and discuss these issues using scientific methods.	
Contents	The module examines current topics in sustainability management and corporate environmental economics in order to evaluate them in terms of sustainability-related aspects and integrate them into business decisions.	
Teaching and learning methods	Lecture: 1 hour per week Project: 1 hour per week Independent study The language of the module can be German or English and is determined at the beginning of each semester and announced in the usual manner.	
Prerequisites for participation	Knowledge of business administration, organization, marketing, and sustainable corporate management at the bachelor's degree level is required. Furthermore, English language skills at level B2+ of the Common European Framework of Reference for Languages are required.	
Usability	MA BWL: Field Business Administration MA WiPäd, D WiInf, D WiIng: Field Business Administration and Economics The selection must be made in accordance with the examination regulations.	
Examination	Term paper, 90 hours The language of the exam is German or English.	
Workload and Credit points	150 hours, 5 credit points	
Frequency	Offered each semester	
Duration	One semester	

Module number	Module name	Responsible lecturer
WW-D-120-ATMS WW-MA-120-ATMS	Aktuelle Themen des Management Science	Jun.-Prof. Dr. Tristan Becker tristan.becker@tu-dresden.de
Qualification objectives	Students understand current issues in management science, can explain them, and assess their theoretical and practical relevance. They are able to examine issues in their practical context using scientific methods, classify them, discuss them, and derive scientifically sound conclusions. They can devise solutions and implement solutions in line with the current state of science.	
Contents	The module covers current theoretical and empirical issues in management science.	
Teaching and learning methods	Seminar: 3 hours per week Independent study The language of the modul is German. The seminar is limited to 15 participants, selection based on the order of enrollment.	
Prerequisites for participation	Knowledge of operations research at bachelor's level is required.	
Usability	MA BWL: Field Business Administration MA WiPäd, D WiInf, D WiIng: Field Business Administration and Economics The selection must be made in accordance with the examination regulations.	
Examination	Complex assesment, 90 hours	
Workload and Credit points	150 hours, 5 credit points	
Frequency	Offered each summer semester	
Duration	One semester	

Module number	Module name	Responsible lecturer
WW-D-112-ATIL WW-MA-112-ATIL	Applied Technologies in Logistics	Prof. Dr. Rainer Lasch logistik@mailbox.tu-dresden.de
Qualification objectives	Students have in-depth knowledge of scientific work and have insights into current research issues as well as project-specific problems in logistics.	
Contents	The content of the module is current topics in the areas of logistics, procurement and supply chain management.	
Teaching and learning methods	Seminar: 3 hours per week Independent study The language of the module is English. The seminar is limited to 12 participants, selection based by lottery.	
Prerequisites for participation	Basic knowledge of scientific and practical work is required.	
Usability	MA BWL: Field Business Administration MA WiPäd, D WiInf, D WiIng: Field Business Administration and Economics The selection must be made in accordance with the examination regulations.	
Examination	Complex assesment, 120 hours	
Workload and Credit points	150 hours, 5 credit points	
Frequency	Offered each semester	
Duration	One semester	

Module number	Module name	Responsible lecturer
WW-D-112-BEMA WW-MA-112-BEMA	Beschaffungsmanagement	Prof. Dr. Rainer Lasch logistik@mailbox.tu-dresden.de
Qualification objectives	Students will be able to present and discuss the basics and instruments of procurement management. You will be able to apply and compare procedures from supplier management and program- and consumption-oriented material requirements calculation. In addition, they can use models of deterministic and stochastic warehousing and compare them in an explanatory way. Furthermore, students can discuss, select and apply the procedures of quality assurance. They can also use presentation and rhetoric techniques.	
Contents	The contents of the module are the basics of procurement management, methods of material requirements calculation, deterministic and stochastic warehousing as well as quality assurance.	
Teaching and learning methods	Lecture: 2 hours per week Practical: 2 hours per week Independent study The language of the module is German.	
Prerequisites for participation	Knowledge of accounting, business administration, organization, market-ing, sustainable corporate management, annual financial statements, investment, financing, production and logistics at Bachelor's level is re-quired.	
Usability	MA BWL: Field Business Administration MA WiPäd, D WiInf, D WiIng: Field Business Administration and Economics The selection must be made in accordance with the examination regulations.	
Examination	Complex assesment, 15 hours	
Workload and Credit points	150 hours, 5 credit points	
Frequency	Offered each winter semester	
Duration	One semester	

Module number	Module name	Responsible lecturer
WW-D-113-BPLS WW-MA-113-BPLS	Businessplanseminar	Prof. Dr. Michael Schefczyk mandy.windisch@tu-dresden.de
Qualification objectives	Students can create a meaningful business plan based on a given business idea, which serves as a basis for decision-making for financing. They are familiar with methods such as market and competitor analysis and implement them independently for a company. The students can create a marketing concept based on the previous research and analyses. You will be familiar with the various planning areas of a business concept and will be able to develop an integrated numerical model (financial plan) from them. Students can independently develop materials for all planning areas and develop a structured solution from them. They work independently.	
Contents	The content of the module is business models, market analysis, competitive analysis, marketing, financial planning, start-up financing, organization of a company and the associated start-up team as well as the creation of a business plan and a pitch.	
Teaching and learning methods	Seminar: 4 hours per week Independent study The language of the module can be German or English and is determined at the beginning of each semester and announced in the usual manner. The seminar is limited to 24 participants, selection based by lottery.	
Prerequisites for participation	Knowledge of business administration and organization, marketing, sustainable corporate management, annual financial statements, investment and financing is required.	
Usability	MA BWL: Field Business Administration MA WiPäd, D WiInf, D WiIng: Field Business Administration and Economics The selection must be made in accordance with the examination regulations.	
Examination	Complex assesment, 200 hours	
Workload and Credit points	300 hours, 10 credit points	
Frequency	Offered each summer semester	
Duration	One semester	

Module number	Module name	Responsible lecturer
WW-D-101-CSIB WW-MA-101-CSIB	Case Studies in Innovative & Sustainable Business	Prof. Dr. Peter Schäfer maac@tu-dresden.de
Qualification objectives	Students are able to transfer and apply methodological knowledge in order to analyze and solve a practice-relevant problem in a structured way, to develop hypothesis-based approaches in order to arrive at solutions efficiently, to find adequate solutions to industry-specific problems and to present solutions to business problems in innovative or sustainability-oriented business models in writing and orally.	
Contents	The content of the module is relevant, current practical problems from innovative or sustainable corporate management.	
Teaching and learning methods	Seminar: 4 hours per week Independent study The language of the module is English. The seminar is limited to 24 participants, selection based by lottery.	
Prerequisites for participation	Basic knowledge of investment calculation at Bachelor's level is required.	
Usability	MA BWL: Fields Business Administration, Presenting and Discussing MA WiPäd: Field Business Administration and Economics D WiInf, D WiIng: Fields Business Administration and Economics, Presenting and Discussing Students must choose according to the respective examination regulations. The choice is only permitted for one of the fields mentioned.	
Examination	Complex assesment, 30 hours	
Workload and Credit points	150 hours, 5 credit points	
Frequency	Offered each summer semester	
Duration	One semester	

Module number	Module name	Responsible lecturer
WW-D-121-CSRE WW-MA-121-CSRE	Corporate Sustainability	Prof. Dr. Samantha Dijkstra-Silva Sustainability@tu-dresden.de
Qualification objectives	Students will be able to prepare a presentation pitch on corporate sustainability. They will be familiar with global and corporate sustainability issues and will be able to integrate sustainability into a business context.	
Contents	This module covers aspects of sustainability management, particularly sustainability strategy and approaches to measuring, evaluating, and reporting on sustainability performance.	
Teaching and learning methods	Lecture: 2 hours per week Practical: 2 hours per week Independent study The language of the module can be German or English and is determined at the beginning of each semester and announced in the usual manner. The practical is limited to 20 participant	
Prerequisites for participation	Business management skills and knowledge of sustainability management at the bachelor's level are required. In addition, English language proficiency at the B2+ level of the Common European Framework of Reference for Languages is required.	
Usability	D WiInf, D WiIng: Fields Business Administration and Economics, Methods and Procedures, Presenting and Discussing MA BWL: Fields Business Administration, Methods and Procedures, Presenting and Discussing MA WiPäd: Fields Business Administration and Economics, Methods and Procedures Students must choose according to the respective examination regulations. The choice is only permitted for one of the fields mentioned.	
Examination	Complex assessment, 180 hours	
Workload and Credit points	300 hours, 10 credit points	
Frequency	Offered each winter semester	
Duration	One semester	

Module number	Module name	Responsible lecturer
WW-D-114-ELWI WW-MA-114-ELWI WW-MA-PIE-EWI	Elektrizitätswirtschaft / Power System Economics	Prof. Dr. Dominik Möst ee2@mailbox.tu-dresden.de
Qualification objectives	Students will be able to reproduce basic terms, definitions, concepts and methods of the electricity industry and name relevant parameters of the electricity industry. The students are able to explain market relationships (e.g. merit order concept), to present the trade in electricity and related problems and concepts and to transfer them to expected questions as well as to answer quantitative problems in a group with the help of model-ling. Students are able to mathematically set up and implement basic op-timization models from the field of operations research.	
Contents	The contents of the module are, on the one hand, the European liberalisa-tion process in the energy industry and the associated theoretical basic concepts of a competitively organised market, pricing mechanisms and investment decisions on liberalised electricity markets, the different mar-kets within the electricity industry (e.g. intra-day electricity market, emis-sion certificate market) and market power in the electricity sector. In addi-tion, the regulatory framework and the regulation of the electricity grids are part of the module. On the other hand, the module contains the basics of modelling in the energy industry, which are particularly incorporated into the project work.	
Teaching and learning methods	Lecture: 2 hours per week Practical: 2 hours per week Seminar: 2 hours per week Independent study The language of the module can be German or English and is determined at the beginning of each semester and announced in the usual manner.	
Prerequisites for participation	Knowledge of energy economics at Bachelor's level is required.	
Usability	MA BWL: Fields Business Administration, Supplementary Qualifications MA WiPäd, D WiInf, D WiIng: Fields Business Administration and Economics, Supplementary Qualifications MA PIE Students must choose according to the respective examination regulations. The choice is only permitted for one of the fields mentioned.	
Examination	Portfolio, 90 hours	

Workload and Credit points	300 hours, 10 credit points
Frequency	Offered each winter semester
Duration	One semester

Module number	Module name	Responsible lecturer
WW-D-105-FITE WW-MA-105-FITE WW-MA-PIE-FTE	Financial Technology	Prof. Dr. Lars Hornuf arite.schrehardt@tu-dresden.de
Qualification objectives	Students have a comprehensive knowledge of what financial technology is and why it came into being. They understand and can explain the basics of current financial technology developments. Students will be able to evaluate the potential of financial technology and describe why financial services could change in the future. They understand and can explain how technology and regulation interact and impact financial services. Students are familiar with the opportunities and risks of financial technologies and are able to assess them.	
Contents	The lecture gives an introductory overview of current developments in the field of financial technology. These developments include cryptocurrencies and blockchain technology, mobile and digital payment systems, social trading and robo advice, marketplace lending and crowdfunding.	
Teaching and learning methods	Lecture: 2 hours per week Independent study The language of the module is English.	
Prerequisites for participation	Knowledge of annual financial statements, investment and financing at Bachelor's level is required.	
Usability	MA BWL: Field Business Administration MA WiPäd, D WiInf, D WiIng: Field Business Administration and Economics MA PIE The selection must be made in accordance with the examination regulations.	
Examination	Written exam, 60 minutes	
Workload and Credit points	150 hours, 5 credit points	
Frequency	Offered each winter semester	
Duration	One semester	

Module number	Module name	Responsible lecturer
WW-D-105-FDOP WW-MA-105-FDOP	Finanzderivate und Optionen	Prof. Dr. Lars Hornuf arite.schrehardt@tu-dresden.de
Qualification objectives	Students know the theoretical basics of financial derivatives and options and can carry out an assessment independently. They are able to implement this knowledge when implementing trading strategies.	
Contents	The content of the module is the theoretical basics of various financial derivatives and options. Students first repeat the basics of portfolio management. They then learn about symmetrical derivatives and options, their valuation and corresponding trading strategies. Afterwards, the trading of derivatives, the regulatory framework and clearing are discussed.	
Teaching and learning methods	Lecture: 2 hours per week Practical: 2 hours per week Independent study The language of the module is German.	
Prerequisites for participation	Knowledge of annual financial statements, investment and financing at Bachelor's level is required.	
Usability	MA BWL: Field Business Administration MA WiPäd, D WiInf, D WiIng: Field Business Administration and Economics The selection must be made in accordance with the examination regulations.	
Examination	Written exam, 60 minutes	
Workload and Credit points	150 hours, 5 credit points	
Frequency	Offered each winter semester	
Duration	One semester	

Module number	Module name	Responsible lecturer
WW-D-103-INMA WW-MA-103-INMA	Inventory Management	Prof. Dr. Udo Buscher im.wiwi@tu-dresden.de
Qualification objectives	The students are familiar with the tasks and functions that have to be fulfilled within the framework of industrial inventory management and they are able to make design recommendations for the most efficient control of the flow of goods, taking into account the production and transfer processes. You can apply different warehousing policies and determine the decision variables optimally.	
Contents	The contents of the module are deterministic and stochastic order quantity models, safety stock planning, periodic inventory management, integrated transport and batch size planning and dynamic order quantity planning.	
Teaching and learning methods	Lecture: 2 hours per week Practical: 2 hours per week Independent study The language of the module is English.	
Prerequisites for participation	Knowledge of business production theory and logistics at Bachelor's level is required. Furthermore, English language skills at level B2 of the Common European Framework of Reference for Languages are required.	
Usability	MA BWL: Field Business Administration MA WiPäd, D WiInf, D WiIng: Fields Business Administration and Economics The selection must be made in accordance with the examination regulations.	
Examination	More than five registered students: written exam, 90 minutes Up to five registered students: non-public oral examination, 20 minutes duration as an individual examination	
Workload and Credit points	150 hours, 5 credit points	
Frequency	Offered each winter semester	
Duration	One semester	

Module number	Module name	Responsible lecturer
WW-D-111-MAOT WW-MA-111-MAOT	Management and Organization Theory	Prof. Dr. Stefan Razinskas orga.wiwi@tu-dresden.de
Qualification objectives	Students know and understand the central theories of modern organizational and management theory and are able to apply them. They are able to critically reflect on their methodological prerequisites and the underlying paradigms. Students can work out organizational and management theories in teams using the basics they have learned and present and explain them in an understandable way.	
Contents	The content of the module is relevant theories from selected areas of management, such as organizational, personnel and innovation management as well as corporate management.	
Teaching and learning methods	Seminar: 3 hours per week Independent study The language of the module is English. The module is limited to 20 participants, selection based on the order of enrollment.	
Prerequisites for participation	The module requires basic knowledge of business administration, in particular organization and human resource management at Bachelor's level. Furthermore, English language skills at level B2 of the Common European Framework of Reference for Languages are required.	
Usability	MA BWL: Field Business Administration MA WiPäd, D WiInf, D WiIng: Field Business Administration and Economics The selection must be made in accordance with the examination regulations.	
Examination	Complex assesment, 90 hours	
Workload and Credit points	150 hours, 5 credit points	
Frequency	Offered each summer semester	
Duration	One semester	

Module number	Module name	Responsible lecturer
WW-D-121-MASU WW-MA-121-MASU	Managing for Sustainability	Prof. Dr. Samantha Dijkstra-Silva Sustainability@tu-dresden.de
Qualification objectives	Students critically examine current scientific issues in the context of management and sustainability. They are able to read and reflect on scientific texts and extract key findings. In a further step, students are able to pose a critical research question and then investigate it.	
Contents	The module covers aspects of current research on sustainability and management theory.	
Teaching and learning methods	Seminar: 2 hours per week Independent study The language of the module can be German or English and is determined at the beginning of each semester and announced in the usual manner. The seminar is limited to 20 participants, selection based on the order	
Prerequisites for participation	Business management knowledge and a basic understanding of sustainability management at bachelor's level are required. English language skills at level B2+ of the Common European Framework of Reference for Languages are also required.	
Usability	MA BWL: Field Business Administration MA WiPäd, D WiInf, D WiIng: Field Business Administration and Economics The selection must be made in accordance with the examination regulations.	
Examination	Term paper, 90 hours The language of the exam is German or English.	
Workload and Credit points	150 hours, 5 credit points	
Frequency	Offered each semester	
Duration	One semester	

Module number	Module name	Responsible lecturer
WW-D-104-MLIR WW-MA-104-MLIR	Marketing Literature Review	Prof. Dr. Florian Ulrich Siems florian.siems@tu-dresden.de
Qualification objectives	Students are able to understand articles from English-language journals in the field of marketing research and to present and critically discuss their content in English.	
Contents	The module covers the presentation and discussion of selected topics in market research as presented in the literature.	
Teaching and learning methods	Seminar: 2 hours per week Independent study The language of the module is English. The seminar is limited to 15 participants, selection based by lottery.	
Prerequisites for participation	Knowledge of marketing at Bachelor's level as well as the skills to be acquired in the market research module are required.	
Usability	MA BWL: Fields Business Administration, Presenting and Discussing MA WiPäd: Field Business Administration and Economics D WiInf, D WiIng: Fields Business Administration and Economics, Presenting and Discussing Students must choose according to the respective examination regulations. The choice is only permitted for one of the fields mentioned.	
Examination	Complex assesment, 90 hours	
Workload and Credit points	150 hours, 5 credit points	
Frequency	Offered each semester	
Duration	One semester	

Module number	Module name	Responsible lecturer
WW-D-104-MASC WW-MA-104-MASC	Marketing Science	Prof. Dr. Florian Siems florian.siems@tu-dresden.de
Qualification objectives	Students understand the connections between various current research approaches, methods and results in the field of marketing and are able to classify and critically evaluate them.	
Contents	The module covers various current research approaches as well as methods and results in the field of marketing.	
Teaching and learning methods	Lecture: 3 hours per week Independent study The language of the module is German.	
Prerequisites for participation	Knowledge of market research at Bachelor's level is required. Furthermore, English language skills at level B2 of the Common European Framework of Reference for Languages are required.	
Usability	MA BWL: Field Business Administration MA WiPäd, D WiInf, D WiIng: Field Business Administration and Economics The selection must be made in accordance with the examination regulations.	
Examination	Written exam, 60 minutes	
Workload and Credit points	150 hours, 5 credit points	
Frequency	Offered each summer semester	
Duration	One semester	

Module number	Module name	Responsible lecturer
WW-D-104-MAFO WW-MA-104-MAFO	Marktforschung	Prof. Dr. Florian Siems florian.siems@tu-dresden.de
Qualification objectives	Students will gain an overview of the basics of market research as well as selected methods of data analysis. They are able to apply, classify, evaluate and interpret selected data analysis methods. Furthermore, they solve given facts using the statistical software SPSS.	
Contents	The contents of the module are the basics of market research as well as methods of data analysis (in particular multivariate analysis methods).	
Teaching and learning methods	Lecture: 2 hours per week Practical: 1 hour per week Independent study The language of the module is German. The module is limited to 100 participants, selection based on the order of enrollment.	
Prerequisites for participation	Basic knowledge of statistics (statistical parameters such as median/mode/variance as well as basics of stochastics) at Bachelor's level is required. Furthermore, English language skills at level B2 of the Common European Framework of Reference for Languages are required.	
Usability	MA BWL: Field Business Administration MA WiPäd, D WiInf, D WiIng: Field Business Administration and Economics The selection must be made in accordance with the examination regulations.	
Examination	Written exam, 60 minutes	
Workload and Credit points	150 hours, 5 credit points	
Frequency	Offered each winter semester	
Duration	One semester	

Module number	Module name	Responsible lecturer
WW-D-121-MPSU WW-MA-121-MPSU WW-MA-PIE-MPS	Multidisciplinary Perspectives of Sustainability	Prof. Dr. Samantha Dijkstra-Silva Sustainability@tu-dresden.de
Qualification objectives	Students can independently apply the method of systematic literature reviews (SLR) according to Tranfield et al. (2003) in the context of sustainability management and, on their own, familiarize themselves with, review, critically analyze, and discuss a selected subject-specific topic.	
Contents	The module covers an introduction to the method of systematic literature analysis and its application across various academic disciplines, particularly economics, environmental sciences, and international relations.	
Teaching and learning methods	Seminar: 2 hours per week Independent study The language of the module is English. The seminar is limited to 20 participants, selection based on the order of enrollment.	
Prerequisites for participation	Knowledge of marketing and sustainable business management at the bachelor's level is required. In addition, English language proficiency at the B2+ level of the Common European Framework of Reference for Languages is required.	
Usability	MA BWL: Fields Business Administration, Methods and Procedures, Presenting and Discussing MA WiPäd,: Fields Business Administration and Economics, Methods and Procedures D WiInf, D WiIng: Fields Business Administration and Economics, Methods and Procedures, Presenting and Discussing MA PIE Students must choose according to the respective examination regulations. The choice is only permitted for one of the fields mentioned.	
Examination	Portfolio, 90 hours The language of the exam is English.	
Workload and Credit points	150 hours, 5 credit points	
Frequency	Offered each summer semester	
Duration	One semester	

Module number	Module name	Responsible lecturer
WW-D-102-NHCO WW-MA-102-NHCO WW-MA-PIE-NHC	Nachhaltigkeitscontrolling	Prof. Dr. Edeltraud Günther lehre_bu@mailbox.tu-dresden.de
Qualification objectives	The students understand the measurement and management of corpo-rate success in the context of controlling with regard to sustainability on an economic, ecological and social level and can interpret it. After gradua-tion, students are able to analyse and evaluate the sustainability of a company with regard to the economic, ecological and social dimensions. They are able to apply and review various methods or operational instru-ments for sustainability assessment for business decisions.	
Contents	Contents of the module are the relevance of sustainability for the financial success of a company, integration of sustainability aspects into the con-trolling of a company, monetary and non-monetary instruments for sus-tainability assessment and decision-making in the company, use of sus-tainability-oriented corporate strategies to increase the value of the company	
Teaching and learning methods	Lecture: 2 hours per week Tutorial: 1 hour per week Independent study The language of the module can be German or English and is determined at the beginning of each semester and announced in the usual manner.	
Prerequisites for participation	Knowledge of accounting, annual financial statements, investment, financ-ing, marketing and sustainable business management at Bachelor's level is required. Furthermore, English language skills at level B2 of the Com-mon European Framework of Reference for Languages are required.	
Usability	MA BWL: Field Business Administration MA WiPäd, D WiInf, D WiIng: Field Business Administration and Economics MA PIE The selection must be made in accordance with the examination regulations.	
Examination	Written exam, 60 minutes	
Workload and Credit points	150 hours, 5 credit points	
Frequency	Offered each summer semester	
Duration	One semester	

Module number	Module name	Responsible lecturer
WW-D-114-NPEW WW-MA-114-NPEW	Neue Perspektiven der Energiewirtschaft	Prof. Dr. Dominik Möst ee2@mailbox.tu-dresden.de
Qualification objectives	Students are able to analyze current issues in the energy industry from a scientific-theoretical perspective, evaluate them, and derive implications for energy industry stakeholders.	
Contents	The module deals with changing current issues from a macroeconomic perspective and an energy system analysis perspective that are current and relevant in the scientific energy economics debate.	
Teaching and learning methods	Seminar: 2 hours per week, Independent study The language of the module can be German or English and is determined at the beginning of each semester and announced in the usual manner.	
Prerequisites for participation	Knowledge of the energy industry at bachelor's level is required.	
Usability	MA BWL: Field Business Administration, Presenting and Discussing D WiInf, D WiIng: Fields Business Administration and Economics, Presenting and Discussing MA WiPäd: Field Business Administration and Economics Students must choose according to the respective examination regulations. The choice is only permitted for one of the fields mentioned.	
Examination	Combined term paper, 90 hours	
Workload and Credit points	150 hours, 5 credit points	
Frequency	Offered each semester	
Duration	One semester	

Module number	Module name	Responsible lecturer
WW-D-103-ORVT WW-MA-103-ORVT	Operations Research Vertiefung	Prof. Dr. Udo Buscher im.wiwi@tu-dresden.de
Qualification objectives	Students are able to formally describe a variety of different business op-timization problems and master methods to solve linear, nonlinear and mixed/integer problems exactly. In addition, they are able to use me-taheuristic solution algorithms in addition to exact methods and to ana-lyze their strengths and weaknesses.	
Contents	Contents of the module are methods of integer linear optimization, ad-vanced methods of linear optimization, basics and methods of nonlinear optimization and metaheuristic solutions.	
Teaching and learning methods	Lecture: 2 hours per week Practical: 2 hours per week Independent study The language of the module is German.	
Prerequisites for participation	The competencies to be acquired in the Methods of Operations Research module are required.	
Usability	MA BWL, MA WiPäd, D WiInf, D WiIng: Field Methods and Procedures The selection must be made in accordance with the examination regulations.	
Examination	More than nine registered students: written exam, 90 minutes Up to nine registered students: non-public oral examination, 20 minutes duration as an individual examination	
Workload and Credit points	150 hours, 5 credit points	
Frequency	Offered each summer semester	
Duration	One semester	

Module number	Module name	Responsible lecturer
WW-D-111-ORBE WW-MA-111-ORBE	Organizational Behavior	Prof. Dr. Stefan Razinskas orga.wiwi@tu-dresden.de
Qualification objectives	Students know the basics of the interdisciplinary research field of Organizational Behavior. They can critically reflect on and analyse the fundamentals and apply them in an organizational context, particularly in personnel management and employee leadership.	
Contents	Issues and concepts of Organizational Behavior as well as the basics of the study of human behavior in organizations.	
Teaching and learning methods	Lecture: 2 hours per week, Independent study The language of the module is English. Participation is limited to 50 participants; selection based on the order of enrollment.	
Prerequisites for participation	Knowledge of the organization at Bachelor's level; English language skills at B2 level.	
Usability	MA BWL: Field Business Administration MA WiPäd, D WiInf, D WiIng: Field Business Administration and Economics The selection must be made in accordance with the examination regulations. The module creates the prerequisites for the module Researching International Organizational Behavior.	
Examination	Written exam, 90 minutes	
Workload and Credit points	150 hours, 5 credit points	
Frequency	Offered each winter semester	
Duration	One semester	

Module number	Module name	Responsible lecturer
WW-D-107-PRÜL WW-MA-107-PRÜL	Prüfungslehre	Prof. Dr. Michael Dobler wus.wiwi@tu-dresden.de
Qualification objectives	After completing the module, students will be able to present and explain the business, legal and economic foundations of the final examination. They are familiar with the process of an audit and are able to analyse the individual phases of an audit and identify possible problem areas.	
Contents	The content of the module is the institutional, theoretical and normative foundations of the audit, the audit process – from the placing and acceptance of the order to the planning and implementation of the audit and reporting – as well as economic analyses of the audit.	
Teaching and learning methods	Lecture: 2 hours per week Practical: 1 hour per week Independent study The language of the module is German.	
Prerequisites for participation	Basic knowledge of accounting, annual financial statements, investment and financing as well as mathematics at Bachelor's level is required.	
Usability	MA BWL: Field Business Administration MA WiPäd, D WiInf, D WiIng: Field Business Administration and Economics The selection must be made in accordance with the examination regulations.	
Examination	More than three registered students: written exam, 60 minutes Up to three registered students: non-public oral examination, 20 minutes duration as an individual examination	
Workload and Credit points	150 hours, 5 credit points	
Frequency	Offered each summer semester	
Duration	One semester	

Module number	Module name	Responsible lecturer
WW-D-107-RÖRL WW-MA-107-RÖRL	Regulierung und Ökonomie der Rechnungslegung	Prof. Dr. Michael Dobler wus.wiwi@tu-dresden.de
Qualification objectives	Students have in-depth knowledge of the interplay of regulations and incentives in external accounting. They are able to assess rule-making processes, the design of accounting regulations and their effect on accounting legends and capital markets on the basis of economic concepts. They can combine approaches and theories for explaining and measuring lobbying, voluntary publicity and balance sheet policy and thus derive a problem-aware analysis of external accounting.	
Contents	The content of the module is the interplay of norms and incentives in external accounting, in particular with regard to standard-setting, purposes, accounting policy and publicity, as well as their analysis on the basis of conceptual, analytical and empirical approaches.	
Teaching and learning methods	Lecture: 2 hours per week Practical: 1 hour per week Independent study The language of the module is German.	
Prerequisites for participation	Basic knowledge of accounting, annual financial statements, investment and financing as well as linear algebra at Bachelor's level is required.	
Usability	MA BWL: Field Business Administration MA WiPäd, D WiInf, D WiIng: Field Business Administration and Economics The selection must be made in accordance with the examination regulations.	
Examination	More than three registered students: written exam, 60 minutes Up to three registered students: non-public oral examination, 20 minutes duration as an individual examination	
Workload and Credit points	150 hours, 5 credit points	
Frequency	Offered each winter semester	
Duration	One semester	

Module number	Module name	Responsible lecturer
WW-D-104-REMA WW-MA-104-REMA	Relationship Marketing	Prof. Dr. Florian Siems florian.siems@tu-dresden.de
Qualification objectives	Students will gain an overview of the theoretical foundations of relationship marketing, understand the connections with other disciplines (especially classical marketing) and understand analysis and management methods relevant to relationship marketing (especially in the area of customer satisfaction). You will apply relationship marketing-relevant analysis and management methods and will be able to classify and understand current scientific work in this area.	
Contents	The contents of the module are the origin and theoretical foundations of relationship marketing. Furthermore, analysis and management methods related to relationship marketing (especially in the area of customer satisfaction management) are part of the module.	
Teaching and learning methods	Lecture: 2 hours per week Independent study The language of the module is German.	
Prerequisites for participation	Knowledge of marketing at Bachelor's level is required. Furthermore, English language skills at level B2 of the Common European Framework of Reference for Languages are required.	
Usability	MA BWL: Field Business Administration MA WiPäd, D WiInf, D WiIng: Field Business Administration and Economics The selection must be made in accordance with the examination regulations.	
Examination	Written exam, 60 minutes	
Workload and Credit points	150 hours, 5 credit points	
Frequency	Offered each winter semester	
Duration	One semester	

Module number	Module name	Responsible lecturer
WW-D-102-RSMG WW-MA-102-RSMG WW-MA-PIE-RSM	Ressourcenmanagement	Prof. Dr. Edeltraud Günther Lehre_bu@mailbox.tu-dresden.de
Qualification objectives	After completing the module, students will be able to identify and independently analyze entrepreneurial resources, especially in relation to the natural environment. In addition, students can solve problems independently in groups and present their proposed solutions in written form.	
Contents	The content of the module is the consideration, evaluation and integration of environmental resources, the identification of instruments for ecologically oriented assessment and decision-making in the company, the examination of the use of ecologically oriented corporate strategies to increase the value of the company as well as environmental management systems for adequate resource management.	
Teaching and learning methods	Lecture: 2 hours per week Tutorial: 2 hours per week Independent study The language of the module can be German or English and is determined at the beginning of each semester and announced in the usual manner. The module is limited to 60 participants, s	
Prerequisites for participation	Knowledge of accounting, annual financial statements, investment and financing as well as marketing and sustainable corporate management at Bachelor's level is required. Furthermore, English language skills at level B2+ of the Common European Framework of Reference for Languages are required.	
Usability	MA BWL: Fields Business Administration, Presenting and Discussing MA WiPäd: Field Business Administration and Economics D WiInf, D WiIng: Field Business Administration and Economics, Presenting and Discussing MA PIE Students must choose according to the respective examination regulations. The choice is only permitted for one of the fields mentioned.	
Examination	Term paper, 90 hours The language of the exam is German or English.	
Workload and Credit points	150 hours, 5 credit points	
Frequency	Offered each summer semester	
Duration	One semester	

Module number	Module name	Responsible lecturer
WW-D-114-RÖUP WW-MA-114-RÖUP	Ressourcenökonomie und Umweltpolitik	Prof. Dr. Dominik Möst ee2@mailbox.tu-dresden.de
Qualification objectives	Students are able to reproduce basic environmental policy and resource economics terms, definitions, concepts and methods and name relevant parameters. The students are able to present connections between re-source economics, environmental policy and the energy industry as well as related problems and concepts and to transfer them to expected ques-tions. Students are able to answer quantitative problems in a group with the help of modelling and to mathematically set up and implement fun-damental optimisation models and/or complementarity problems. Stu-dents are able to assess and summarize scientific literature in the context of the module.	
Contents	Contents of the module are basic definitions and theories of resource and environmental economics, resource cycles, the basics of operation re-search in resource and environmental economics, the economic theoreti-cal handling of exhaustible and regenerative resources, critical raw mate-rials, interaction of economic growth and environmental protection, dis-tribution of raw materials, external effects, environmental policy instru-ments and climate protection.	
Teaching and learning methods	Lecture: 2 hours per week Practical: 2 hours per week Project: 2 hours per week Independent study The language of the module can be German or English and is determined at the beginning of each semester and announced in the usual manner.	
Prerequisites for participation	Knowledge of the energy industry, the electricity industry and risk man-agement at Bachelor's level is required.	
Usability	MA BWL: Fields Business Administration, Supplementary Qualifications MA WiPäd, D WiInf, D WiIng: Fields Business Administration and Economics, Supplementary Qualifications Students must choose according to the respective examination regulations. The choice is only permitted for one of the fields mentioned.	
Examination	Portfolio, 150 hours	
Workload and Credit points	300 hours, 10 credit points	
Frequency	Offered each summer semester	
Duration	One semester	

Module number	Module name	Responsible lecturer
WW-D-106-RCRM WW-MA-106-RCRM	Risikocontrolling und Risikomanagement	Prof. Dr. Thomas Günther lehrstuhl.controlling@tu-dresden.de
Qualification objectives	Students understand the tasks and objectives of risk control and risk management. They have an overview of the various subsystems of risk management, risk management systems, risk assessment, risk modeling, and risk reporting.	
Contents	The module covers the basics of risk management, risk management systems, risk assessment, risk modeling, and risk reporting. The module is designed for managers and executives who are responsible for risk management in their organizations. The module is also suitable for employees who are involved in risk management processes.	
Teaching and learning methods	Lecture: 1 hour per week Practical: 1 hour per week Independent study The language of the module is German.	
Prerequisites for participation	Business administration knowledge at bachelor's level is required, as taught, for example, in the module on annual financial statements, investment, and financing.	
Usability	MA BWL: Field Business Administration MA WiPäd, D WiInf, D WiIng: Field Business Administration and Economics The selection must be made in accordance with the examination regulations.	
Examination	Non-public oral examination as a group examination of 15 minutes for the individual examination supervisor	
Workload and Credit points	150 hours, 5 credit points	
Frequency	Offered each winter semester	
Duration	One semester	

Module number	Module name	Responsible lecturer
WW-D-114-RMEW WW-MA-114-RMEW	Risikoquantifizierung und -management in der Energiewirtschaft	Prof. Dr. Dominik Möst ee2@mailbox.tu-dresden.de
Qualification objectives	Students are able to reproduce basic terms, definitions, concepts and methods of risk quantification and risk management and identify relevant parameters. Students are able to apply and reproduce financial mathematical models in the energy industry. The students are able to apply methods of risk controlling and management and to transfer them to new issues and to distinguish between different risks and to evaluate them.	
Contents	The module covers the basics of risk management and related instruments (including forwards and options). In addition, portfolio management and risk hedging are part of the module. Against the background of the energy industry, the module also includes risk measurement and management, risk assessment and risks in project financing.	
Teaching and learning methods	Lecture: 1 hour per week Practical: 1 hour per week Independent study The language of the module can be German or English and is determined at the beginning of each semester and announced in the usual manner.	
Prerequisites for participation	Knowledge of the requirements of liberalised energy markets at Bachelor's level is required.	
Usability	MA BWL: Field Business Administration MA WiPäd, D WiInf, D WiIng: Field Business Administration and Economics The selection must be made in accordance with the examination regulations.	
Examination	More than ten registered students: written exam, 90 minutes Up to ten registered students: non-public oral examination, 45 minutes duration as an individual examination	
Workload and Credit points	150 hours, 5 credit points	
Frequency	Offered each winter semester	
Duration	One semester	

Module number	Module name	Responsible lecturer
WW-D-120-SCHE WW-MA-120-SCHE	Scheduling	Jun.-Prof. Dr. Tristan Becker
Qualification objectives	Students have knowledge of scheduling theory and are able to classify scheduling problems. They are familiar with the theory and application of exact and heuristic solution methods to scheduling problems and can select and apply suitable solution methods for specific scheduling problems. They are familiar with scheduling problems in the fields of logistics, supply chain, healthcare, and personnel planning.	
Contents	The module covers models and algorithms for single machine scheduling, parallel machine scheduling, flow shop scheduling, job shop scheduling, as well as special solution methods based on local search and application-oriented models for selected practical problems in scheduling.	
Teaching and learning methods	Lecture: 2 hours per week Practical: 2 hours per week Independent study The language of the module is English.	
Prerequisites for participation	Knowledge of operations research at bachelor's level is required.	
Usability	MA BWL: Fields Business Administration, Methods and Procedures MA WiPäd, D WiInf, D WiIng: Fields Business Administration and Economics, Methods and Procedures Students must choose according to the respective examination regulations. The choice is only permitted for one of the fields mentioned.	
Examination	Written exam, 60 minutes	
Workload and Credit points	150 hours, 5 credit points	
Frequency	Offered each summer semester	
Duration	One semester	

Module number	Module name	Responsible lecturer
WW-D-120-SMSC WW-MA-120-SMSC	Seminar Management Science	Jun.-Prof. Dr. Tristan Becker tristan.becker@tu-dresden.de
Qualification objectives	Students address current research questions in management science and possess knowledge of data modeling, mathematical modeling, and the application of exact and heuristic solution methods. They implement and apply quantitative methods using computer support. Furthermore, they independently explore complex quantitative decision support methods at a scientific level and have an overview of the current state of research.	
Contents	Current scientific issues in management science.	
Teaching and learning methods	Seminar: 3 hours per week Independent study The language of the module is English. The seminar is limited to 15 participants; selection based on the order of enrollment.	
Prerequisites for participation	Knowledge of operations research at bachelor level.	
Usability	MA BWL: Field Business Administration MA WiPäd, D WiInf, D WiIng: Field Business Administration and Economics The selection must be made in accordance with the examination regulations.	
Examination	Complex assessment, 90 hours	
Workload and Credit points	150 hours, 5 credit points	
Frequency	Offered each winter semester	
Duration	One semester	

Module number	Module name	Responsible lecturer
WW-D-136-SLTA WW-MA-136-SLTA WW-MA-PIE-SLT	Service Learning for TransformAbility	Dr. Martin Gerner martin.gerner@tu-dresden.de
Qualification objectives	Students are able to manage complexity, ambiguity, and uncertainty in a sustainability-related transformation process; formulate, pursue, and evaluate self-defined objectives; and apply theoretical concepts to real-world sustainability challenges through self-directed action across various living environments and contexts (third spaces). They are able to collaborate professionally and entrepreneurially in interdisciplinary groups, involving third parties as partner organizations in the field, effectively communicate ideas and project results to diverse academic and societal target audiences, and to reflect on learning experiences in a systematic and pedagogically guided manner, particularly with regard to their own role, position, perspective, contribution to engagement, and responsibility within the process of societal transformation. You will be able to identify interdependencies within complex systems as well as the levers for change, and become self-effective as key drivers in the assessment, quality improvement, and further development of transformative teaching and learning formats.	
Contents	The module focuses on addressing, solving, and reflecting on a real-world sustainability challenge faced by a partner organization through a student's own contribution (service).	
Teaching and learning methods	Project: 2 hours per week Independent study The language of the module is English. The seminar is limited to 30 participants, selection based on the order of enrollment.	
Prerequisites for participation	English language proficiency at the B2+ level of the Common European.	
Usability	MA BWL: Fields Business Administration MA WiPäd, D WiInf, D WiIng: Field Business Administration and Economics MA PIE Students must choose according to the respective examination regulations. The choice is only permitted for one of the fields mentioned.	
Examination	Portfolio, 90 hours	

Workload and Credit points	150 hours, 5 credit points
Frequency	Offered each semester
Duration	One semester

Module number	Module name	Responsible lecturer
WW-D-103-SIMO WW-MA-103-SIMO	Simulation und Modellierung	Prof. Dr. Udo Buscher im.wiwi@tu-dresden.de
Qualification objectives	The students are familiar with methods of discrete event simulation, can apply them and understand their advantages and disadvantages. They are able to model production systems using appropriate software and optimize them with the help of simulation methods. The students can build the experimental design of a simulation study for a given problem and interpret and evaluate its results.	
Contents	The contents of the module are the basics of discrete event simulation, the modeling of queue systems using appropriate software, the setup and interpretation of simulation studies as well as the analysis and optimization of industrial systems with the help of appropriate tools.	
Teaching and learning methods	Lecture: 2 hours per week Practical: 1,5 hours per week Independent study The language of the module is German. The practical is limited to 25 participants, selection based on the order of enrollment.	
Prerequisites for participation	Knowledge of programming as well as calculus and linear algebra at Bachelor's level is required.	
Usability	MA BWL: Fields Methods and Procedures, Business Administration MA WiPäd: Fields Business Administration and Economics, Methods and Procedures D WiInf, D WiIng: Fields Business Administration and Economics, Business Information Systems, Methods and Procedures Students must choose according to the respective examination regulations. The choice is only permitted for one of the fields mentioned.	
Examination	Complex assesment, 90 hours	
Workload and Credit points	150 hours, 5 credit points	
Frequency	Offered each winter semester	
Duration	One semester	

Module number	Module name	Responsible lecturer
WW-D-105-SPEC WW-MA-105-SPEC	Space Economics	Prof. Dr. Lars Hornuf arite.schrehardt@tu-dresden.de
Qualification objectives	Students have a basic knowledge of business models, financing structures and innovation processes in the established space sector and the New Space Economy. They are able to differentiate New Space companies from established aerospace companies on the basis of several indicators. The students understand the current market structure and business models in space travel. They are familiar with key stakeholders in the areas of financing, business and government actors and can use remote sensing data for their own scientific purposes.	
Contents	The module focuses on business models, financing structures and innovation processes in the established space sector and the New Space Economy.	
Teaching and learning methods	Lecture: 2 hours per week Independent study The language of the module is German.	
Prerequisites for participation	Knowledge of annual financial statements, investment and financing at Bachelor's level is required.	
Usability	MA BWL: Field Business Administration MA WiPäd, D WiInf, D WiIng: Field Business Administration and Economics The selection must be made in accordance with the examination regulations.	
Examination	Written exam, 60 minutes	
Workload and Credit points	150 hours, 5 credit points	
Frequency	Offered each summer semester	
Duration	One semester	

Module number	Module name	Responsible lecturer
WW-D-123-SHRM WW-MA-123-SHRM	Strategic Human Resource Management	Jun.-Prof. Dr. Sebastian Störmer sebastian.stoermer@tu-dresden.de
Qualification objectives	Students will know and understand the central importance of human resource management for sustainable and successful corporate development. They will be able to apply this knowledge to support business decision-making.	
Contents	Fundamentals and issues of strategic human resource management, including relevant theoretical approaches and research.	
Teaching and learning methods	Seminar: 2 hours per week Independent study The language of the module is English. The seminar is limited to 30 participants; selection based by lottery.	
Prerequisites for participation	Basic knowledge of business administration, particularly human resources management and organizational management at bachelor's level; English language skills at level B2.	
Usability	MA BWL: Field Business Administration MA WiPäd, D WiInf, D WiIng: Field Business Administration and Economics The selection must be made in accordance with the examination regulations.	
Examination	Combined term paper, 75 hours	
Workload and Credit points	150 hours, 5 credit points	
Frequency	Offered each summer semester	
Duration	One semester	

Module number	Module name	Responsible lecturer
WW-D-102-STSM WW-MA-102-STSM WW-MA-PIE-SSM	Strategic Sustainability Management	Prof. Dr. Edeltraud Günther lehre_bu@mailbox.tu-dresden.de
Qualification objectives	Students have a basic understanding of strategic sustainability management. You will understand the roles and responsibilities of sustainable and strategic leadership and will be able to apply strategic corporate management tools in relation to sustainability issues.	
Contents	The content of the module is the determinants of strategic sustainability management, roles and responsibilities of sustainable and strategic leadership, as well as instruments of strategic corporate management and problems of sustainability.	
Teaching and learning methods	Seminar: 2 hours per week Independent study The language of the module is English. The module is limited to 40 participants, selection based on the order of enrollment.	
Prerequisites for participation	Knowledge of accounting, annual financial statements, investment and financing as well as marketing and sustainable corporate management at Bachelor's level is required. The following literature is suitable for preparation: Hahn, R: Sustainability Management. Block Services, latest edition.	
Usability	MA BWL: Field Business Administration MA WiPäd, D WiInf, D WiIng: Field Business Administration and Economics MA PIE The selection must be made in accordance with the examination regulations.	
Examination	Complex assessment, 90 hours The language of the exam is English.	
Workload and Credit points	150 hours, 5 credit points	
Frequency	Offered each winter semester	
Duration	One semester	

Module number	Module name	Responsible lecturer
WW-D-106-STCO WW-MA-106-STCO	Strategisches Controlling	Prof. Dr. Thomas Günther lehrstuhl.controlling@tu-dresden.de
Qualification objectives	Students know and master the fundamentals of strategic management and strategic controlling. They are able to design business and corporate strategies and manage their implementation.	
Contents	The module covers the fundamentals of strategic management and strategic controlling.	
Teaching and learning methods	Lecture: 2 hours per week Practical: 1 hour per week Independent study The language of the module is German. The module is limited to 70 participants, selection based on the order of enrollment.	
Prerequisites for participation	Business management knowledge at bachelor's level is required.	
Usability	MA BWL: Field Business Administration MA WiPäd, D WiInf, D WiIng: Field Business Administration and Economics The selection must be made in accordance with the examination regulations.	
Examination	Non-public oral examination as a group examination of 15 minutes for the individual examination supervisor	
Workload and Credit points	150 hours, 5 credit points	
Frequency	Offered each winter semester	
Duration	One semester	

Module number	Module name	Responsible lecturer
WW-D-114-SPEW WW-MA-114-SPEW	Studienprojekte in der Energiewirtschaft	Prof. Dr. Dominik Möst ee2@mailbox.tu-dresden.de
Qualification objectives	Students are able to independently answer complex questions of energy and risk management and resource economics as well as to create and apply their own concepts for integrating economic aspects into decisions. They are able to work in teams, are proficient in literature research and the use of scientific information sources.	
Contents	The contents of the module are current techno-economic issues in the energy industry, the modelling of raw material markets, the mapping and modelling of uncertainties in the energy industry and the economic modelling of electricity grids.	
Teaching and learning methods	Seminar: 0,5 hour per week Project: 4 hours per week Independent study The language of the module can be German or English and is determined at the beginning of each semester and announced in the usual manner.	
Prerequisites for participation	Knowledge of the energy industry, the electricity industry as well as risk quantification and management at Bachelor's level is required.	
Usability	MA BWL: Fields Business Administration, Methods and Procedures, Presenting and Discussing MA WiPäd: Fields Business Administration and Economics, Methods and Procedures D WiInf, D WiIng: Fields Business Administration and Economics, Methods and Procedures, Presenting and Discussing MA PIE Students must choose according to the respective examination regulations. The choice is only permitted for one of the fields mentioned.	
Examination	Combined term paper, 120 hours	
Workload and Credit points	300 hours, 10 credit points	
Frequency	Offered each summer semester	
Duration	One semester	

Module number	Module name	Responsible lecturer
WW-D-113-TEMA WW-MA-113-TEMA WW-MA-PIE-TMA	Technology Management	Prof. Dr. Michael Schefczyk mandy.windisch@tu-dresden.de
Qualification objectives	The students have a sound knowledge of the basics and possible applications in the field of technology management. They can apply this knowledge independently to practice-related issues in a situation-appropriate manner. In addition, they are able to work in teams to analyze complex issues in the areas of the fundamentals of technology management, intellectual property rights and market transactions as well as the internationalization of technologies, to develop solutions in a targeted manner and to implement them during the event.	
Contents	The central contents of the module include the basics of technology management, intellectual property rights and market transactions as well as the internationalization of technologies. Other areas of focus can be: forecasting and evaluating technologies, technology procurement, use and licensing.	
Teaching and learning methods	Seminar: 2 hours per week Independent study The language of the module can be German or English and is determined at the beginning of each semester and announced in the usual manner.	
Prerequisites for participation	Knowledge of business administration, organization, marketing, sustain-able corporate management, annual financial statements, investment and financing at bachelor's level as well as basic knowledge of innovation and product management are required.	
Usability	MA BWL: Field Business Administration MA WiPäd, D WiInf, D WiIng: Field Business Administration and Economics MA PIE The selection must be made in accordance with the examination regulations.	
Examination	Complex assesment, 90 hours	
Workload and Credit points	150 hours, 5 credit points	
Frequency	Offered each winter semester	
Duration	One semester	

Module number	Module name	Responsible lecturer
WW-D-105-TEFI WW-MA-105-TEFI WW-MA-PIE-TEF	Topics in Empirical Finance	Prof. Dr. Lars Hornuf arite.schrehardt@tu-dresden.de
Qualification objectives	Students can develop their own research designs and plan for implementation.	
Contents	The students deal with an annually changing, current research focus in the fields of finance and financial services. They are able to critically evaluate the theoretical foundations, empirical results and methods used in the literature.	
Teaching and learning methods	Seminar: 2 hours per week Independent study The language of the module is English.	
Prerequisites for participation	Knowledge of annual financial statements, investment and financing at Bachelor's level is required.	
Usability	MA BWL: Fields Business Administration, Presenting and Discussing MA WiPäd: Field Business Administration and Economics D WiInf, D WiIng: Fields Business Administration and Economics, Presenting and Discussing MA PIE Students must choose according to the respective examination regulations. The choice is only permitted for one of the fields mentioned.	
Examination	Combined term paper, 40 hours	
Workload and Credit points	150 hours, 5 credit points	
Frequency	Offered each summer semester	
Duration	One semester	

Module number	Module name	Responsible lecturer
WW-D-111-TOMS WW-MA-111-TOMS	Trends in Organization and Management Studies	Prof. Dr. Stefan Razinskas orga.wiwi@tu-dresden.de
Qualification objectives	Students are familiar with current issues in modern organizational and management theory. They are able to prepare, present, analyze, and discuss these issues in teams using scientific methods. Students have key qualifications in the areas of rhetoric, presentation and presentation techniques, as well as social skills and teamwork.	
Contents	The module covers theoretical and empirical research contributions of a fundamental and application-oriented nature on current issues in organizational and management theory that change annually.	
Teaching and learning methods	Seminar: 3 hours per week Independent study The language of the module is English. The module is limited to 20 participants, selection based on the order of enrollment.	
Prerequisites for participation	The module requires basic knowledge of scientific work and business administration, in particular organization and human resource management at bachelor's level. Furthermore, English language skills at level B2 of the Common European Framework of Reference for Languages are required.	
Usability	MA BWL: Fields Business Administration, Presenting and Discussing D WiInf, D WiIng: Fields Business Administration and Economics, Presenting and Discussing MA WiPäd: Field Business Administration and Economics Students must choose according to the respective examination regulations. The choice is only permitted for one of the fields mentioned.	
Examination	Complex assessment, 90 hours	
Workload and Credit points	150 hours, 5 credit points	
Frequency	Offered each winter semester	
Duration	One semester	

Module number	Module name	Responsible lecturer
WW-D-103-UOPP WW-MA-103-UOPP	Umweltorientierte Produktionsplanung	Prof. Dr. Udo Buscher im.wiwi@tu-dresden.de
Qualification objectives	The students understand production systems as input-output systems. They are able to model production economic facts with production functions, integrate environmentally relevant by-goods and uncover the cost- and environment-related effects along the supply chain.	
Contents	The module covers basic concepts of production and cost theory, substitution production functions, limitation production functions, the Gutenberg production function, cutting planning, and disassembly planning.	
Teaching and learning methods	Lecture: 2 hours per week Practical: 2 hours per week Independent study The language of the module is German.	
Prerequisites for participation	Knowledge of business production theory and logistics at Bachelor's level is required.	
Usability	MA BWL: Field Business Administration MA WiPäd, D WiInf, D WiIng: Field Business Administration and Economics The selection must be made in accordance with the examination regulations.	
Examination	More than five registered students: written exam, 90 minutes Up to five registered students: non-public oral examination, 20 minutes duration as an individual examination	
Workload and Credit points	150 hours, 5 credit points	
Frequency	Offered each summer semester	
Duration	One semester	

Module number	Module name	Responsible lecturer
WW-D-106-UBWC WW-MA-106-UBWC	Unternehmensbewertung und wertorientiertes Controlling	Prof. Dr. Thomas Günther lehrstuhl.controlling@tu-dresden.de
Qualification objectives	The students know and master the basics and methods of company valuation and corporate value-oriented controlling. They are able to use this knowledge to solve business decision-making problems.	
Contents	The content of the module is the basics and methods of company valuation and corporate value-oriented controlling.	
Teaching and learning methods	Lecture: 2 hours per week Practical: 1 hour per week Independent study The language of the module is German. The module is limited to 70 participants, selection based on the order of enrollment.	
Prerequisites for participation	Business administration knowledge at Bachelor's level is required.	
Usability	MA BWL: Field Business Administration MA WiPäd, D WiInf, D WiIng: Field Business Administration and Economics The selection must be made in accordance with the examination regulations.	
Examination	Non-public oral examination as a group examination of 15 minutes for the individual examination supervisor	
Workload and Credit points	150 hours, 5 credit points	
Frequency	Offered each summer semester	
Duration	One semester	

Module number	Module name	Responsible lecturer
WW-D-122-UNET WW-MA-122-UNET	Unternehmensethik	Jun.-Prof. Dr. Ignas Bruder Ignas.bruder@tu-dresden.de
Qualification objectives	Students have detailed knowledge in the areas of business and business ethics. They are able to critically reflect on scientific and practical problems in an ethical manner and to make independent theoretically in-formed assessments.	
Contents	The content of the module is general principles of ethics as well as central concepts of business and business ethics.	
Teaching and learning methods	Lecture: 2 hours per week Practical: 2 hours per week Independent study The language of the module is German.	
Prerequisites for participation	Knowledge of business administration, organization, and sustainable business management at Bachelor's level is required.	
Usability	MA BWL: Field Business Administration MA WiPäd, D WiInf, D WiIng: Field Business Administration and Economics The selection must be made in accordance with the examination regulations.	
Examination	Complex assesment, 15 hours	
Workload and Credit points	150 hours, 5 credit points	
Frequency	Offered each summer semester	
Duration	One semester	

Module number	Module name	Responsible lecturer
WW-D-101-VBMA WW-MA-101-VBMA	Value-based Management	Prof. Dr. Peter Schäfer maac@tu-dresden.de
Qualification objectives	Students are able to describe challenges of incentive and KPI systems and compare shareholder-oriented approaches with stakeholder-oriented approaches. You can weigh up the goals of variable compensation systems and describe the suitability of various instruments such as share-based compensation, compensation based on residual profit, and compensation based on non-financial metrics. In addition, students will be able to apply value-based management systems. They understand the concept of value creation and residual profit and can develop a residual profit-oriented management system.	
Contents	The module focuses on incentive and key figure systems, remuneration systems, value creation and residual profit.	
Teaching and learning methods	Lecture: 2 hours per week Practical: 2 hours per week Independent study The language of the module is English.	
Prerequisites for participation	Basic knowledge of external accounting, cost accounting and investment accounting at Bachelor's level is required.	
Usability	MA BWL: Field Business Administration MA WiPäd, D WiInf, D WiIng: Field Business Administration and Economics The selection must be made in accordance with the examination regulations.	
Examination	Written exam, 120 minutes	
Workload and Credit points	150 hours, 5 credit points	
Frequency	Offered each summer semester	
Duration	One semester	

Module number	Module name	Responsible lecturer
WW-D-103-WANR WW-MA-103-WANR	Wirtschaftswissenschaftliche Anwendungen mit R	Prof. Dr. Udo Buscher im.wiwi@tu-dresden.de
Qualification objectives	The students are able to structure, analyze, model and evaluate problems on the basis of the problem data, as well as to process them graphically.	
Contents	The contents of the module are the basics and structure of the R language in particular as well as its application.	
Teaching and learning methods	Seminar: 2 hours per week Independent study The language of the module is German. The seminar is limited to 30 participants, selection based on the order of enrollment.	
Prerequisites for participation		
Usability	MA BWL: Fields Business Administration, Methods and Procedures, Supplementary Qualifications MA WiPäd, D WiIng: Fields Business Administration and Economics, Methods and Procedures, Supplementary Qualifications D WiInf: Fields Business Administration and Economics, Business Information Systems, Methods and Procedures Students must choose according to the respective examination regulations. The choice is only permitted for one of the fields mentioned.	
Examination	Written exam, 90 minutes	
Workload and Credit points	150 hours, 5 credit points	
Frequency	Offered each semester	
Duration	One semester	

Economics

Module number	Module name	Responsible lecturer
WW-D-208-AFÖK WW-MA-208-AFÖK	Aktuelle Fragen der Ökonometrie	Prof. Dr. Bernhard Schipp econometrics.wiwi@tu-dresden.de
Qualification objectives	Students are familiar with current issues in empirical econometrics and their application. They are able to analyze and discuss them.	
Contents	The module focuses on current research issues in the field of theoretical and empirical econometrics.	
Teaching and learning methods	Seminar: 2 hours per week Independent study The language of the module is German.	
Prerequisites for participation	Knowledge of econometrics at Bachelor's level is required.	
Usability	MA BWL, MA WiPäd, D WiInf, D WiIng: Field Supplementary Qualifications The selection must be made in accordance with the examination regulations.	
Examination	Complex assesment, 90 hours	
Workload and Credit points	150 hours, 5 credit points	
Frequency	Offered each semester	
Duration	One semester	

Module number	Module name	Responsible lecturer
WW-D-241-CGEA WW-MA-241-CGEA	Computable General Equilibrium Analysis	Prof. Dr. Artem Korzhenevych artem.korzhenevych@tu-dresden.de
Qualification objectives	Students are familiar with the method of applied equilibrium modeling and understand its microeconomic and macroeconomic foundations. You can create simple models with the help of the GAMS software and analyze the results. They are able to fill a CGE model with data, in particular to create a "social accounting matrix" from the national accounts data. Students are able to analyse different policy measures with the help of CGE models. You are familiar with English as a language of science.	
Contents	Contents of the module are theoretical foundations, data requirements, and application of the method of applied equilibrium modeling.	
Teaching and learning methods	Lecture: 2 hours per week Practical: 2 hours per week Independent study The language of the module is English. The practical is limited to 40 participants, selection based on the order of enrollment.	
Prerequisites for participation	English language skills at CEFR B2 level and knowledge of micro- and macroeconomics at Bachelor's level are required.	
Usability	MA BWL, MA WiPäd, D WiInf, D WiIng: Field Methods and Procedures The selection must be made in accordance with the examination regulations.	
Examination	Complex assesment, 75 hours	
Workload and Credit points	150 hours, 5 credit points	
Frequency	Offered each winter semester	
Duration	One semester	

Module number	Module name	Responsible lecturer
WW-D-205-CTAE WW-MA-205-CTAE WW-MA-PIE-CTE	Current Topics in Applied Econometrics	Prof. Dr. Kamila Cygan-Rehm empirics.wiwi@tu-dresden.de
Qualification objectives	Students are introduced to modern econometric methods and learn how to solve typical challenges in data analysis in an economic policy and scientific context. They are able to analyze specific issues, propose suitable analysis methods, critically evaluate key assumptions, and assess the quality of empirical studies. In addition to conceptual content, data literacy is taught with the help of statistical software, thereby promoting students' programming skills.	
Contents	The module deals with current developments in selected methods of applied econometrics, in particular causal analysis (matching, shift-share instrumental variables, robust difference-in-differences, etc.). The relevant methods are illustrated using examples from current research on economic policy issues.	
Teaching and learning methods	Lecture: 2 hours per week Practical: 1 hour per week Independent study The language of the module is English. Participation is limited to 40 participants, selection based by lottery.	
Prerequisites for participation	Basic knowledge of econometrics at master's level, as taught in the Empirical Economics and Micro-econometrics modules, is required. Furthermore, English language skills at level B2 of the Common European Framework of Reference for Languages are required.	
Usability	MA BWL: Fields Supplementary Qualifications, Methods and Procedures MA WiPäd, D WiInf, D WiIng: Fields Business Administration and Economics, Methods and Procedures MA PIE Students must choose according to the respective examination regulations. The choice is only permitted for one of the fields mentioned.	
Examination	Written exam, 90 minutes	
Workload and Credit points	150 hours, 5 credit points	
Frequency	Offered each summer semester	
Duration	One semester	

Module number	Module name	Responsible lecturer
WW-D-221-CTER WW-MA-221-CTER WW-MA-PIE-TER	Current Topics in Empirical Economic Research	Jun.-Prof. Dr. Valentin Lindlacher valentin.lindlacher@tu-dresden.de
Qualification objectives	Students are able to analyse quantitative, research-oriented literature in economics as well as to grasp and evaluate relevant problems and re-search questions of empirical economic research and to classify them in further interdependencies.	
Contents	The contents of the module are current issues of empirical economic re-search and basic methods of application-oriented research.	
Teaching and learning methods	Seminar: 2 hours per week Independent study The language of the module is English. The seminar is limited to 25 participants, selection based on the order of enrollment.	
Prerequisites for participation	Knowledge of microeconomics, macroeconomics and econometrics at Bachelor's level is required. The following literature is suitable for preparation: Varian, H: Microeconomic Analysis. Norton, most recent edition, Blanchard, O.: Macroeconomics. Pearson, most recent edition, Gujarati, D. N.; Porter, D. C.: Basic Econometrics. McGraw-Hill, latest edition.	
Usability	MA BWL: Fields Supplementary Qualifications, Presenting and Discussing D WiInf, D WiIng: Fields Business Administration and Economics, Presenting and Discussing MA WiPäd: Field Business Administration and Economics MA PIE Students must choose according to the respective examination regulations. The choice is only permitted for one of the fields mentioned.	
Examination	Complex assesment, 25 hours	
Workload and Credit points	150 hours, 5 credit points	
Frequency	Offered each semester	
Duration	One semester	

Module number	Module name	Responsible lecturer
WW-D-204-CTME WW-MA-204-CTME WW-MA-PIE-TME	Current Topics in International Monetary Economics	Prof. Dr. Stefan Eichler stefan.eichler@tu-dresden.de
Qualification objectives	Students are able to answer current questions in the field of financial crises, such as currency, banking and debt crises. They are able to analyse these questions from a theoretical, empirical and economic policy perspective.	
Contents	The contents of the module are theoretical and empirical economic policy research contributions of a fundamental and application-oriented nature to current applied problems of international monetary economics.	
Teaching and learning methods	Seminar: 2 hours per week Independent study The language of the module is English. The seminar is limited to 20 participants, selection based by lottery.	
Prerequisites for participation	Knowledge of microeconomics and macroeconomics at Bachelor's level is required. The following literature is suitable for preparation: Varian, H: Microeconomic Analysis. Norton, most recent edition, Blanchard, O.: Macroeconomics. Pearson, most recent edition, Gujarati, D. N.; Porter, D. C.: Basic Econometrics. McGraw-Hill, latest edition.	
Usability	MA BWL: Fields Supplementary Qualifications, Presenting and Discussing D WiInf, D WiIng: Fields Business Administration and Economics, Presenting and Discussing MA WiPäd: Field Business Administration and Economics MA PIE Students must choose according to the respective examination regulations. The choice is only permitted for one of the fields mentioned.	
Examination	Combined term paper, 90 hours	
Workload and Credit points	150 hours, 5 credit points	
Frequency	Offered each winter semester	
Duration	One semester	

Module number	Module name	Responsible lecturer
WW-D-207-CTPE WW-MA-207-CTPE WW-MA-PIE-TPE	Current Topics in Public Economics	Prof. Dr. Marcel Thum marcel.thum@tu-dresden.de
Qualification objectives	Students are familiar with applied problems in the field of finance as well as the relevant literature in English. They are able to prepare, analyse and evaluate current topics in public finance using scientific methods. They have mastered the methods of scientific work and can present and discuss their results.	
Contents	The contents of the module are theoretical and empirical economic policy research contributions of a fundamental and application-oriented nature to current applied problems in public finance.	
Teaching and learning methods	Seminar: 2 hours per week Independent study The language of the module is English. The seminar is limited to 20 participants, selection based by lottery.	
Prerequisites for participation	Knowledge of microeconomics, macroeconomics and econometrics at Bachelor's level is required. The following literature is suitable for preparation: Varian, H: Microeconomic Analysis. Norton, most recent edition, Blanchard, O.: Macroeconomics. Pearson, most recent edition, Gujarati, D. N.; Porter, D. C.: Basic Econometrics. McGraw-Hill, latest edition.	
Usability	MA BWL: Fields Supplementary Qualifications, Presenting and Discussing D WiInf, D WiIng: Fields Business Administration and Economics, Presenting and Discussing MA WiPäd: Field Business Administration and Economics MA PIE Students must choose according to the respective examination regulations. The choice is only permitted for one of the fields mentioned.	
Examination	Combined term paper, 90 hours	
Workload and Credit points	150 hours, 5 credit points	
Frequency	Offered each summer semester	
Duration	One semester	

Module number	Module name	Responsible lecturer
WW-D-203-DEVC WW-MA-203-DEVC WW-MA-PIE-DEV	Development Economics	Prof. Dr. Christian Leßmann christian.lessmann@tu-dresden.de
Qualification objectives	Students are familiar with relevant models of modern growth theory as well as models of comparative development research. With the help of the models, they are able to explain the causes of intra- and international income differences. In addition, they are proficient in the analysis and interpretation of the effects of population change, fertility and migration.	
Contents	The module focuses on traditional and alternative explanatory approaches to growth and development, inequality, population growth and migration as determinants of development.	
Teaching and learning methods	Lecture: 2 hours per week Practical: 1 hour per week Independent study The language of the module is English.	
Prerequisites for participation	Knowledge of microeconomics, macroeconomics and econometrics at Bachelor's level is required. The following literature is suitable for preparation: Varian, H: Microeconomic Analysis. Norton, most recent edition, Blanchard, O.: Macroeconomics. Pearson, most recent edition, Gujarati, D. N.; Porter, D. C.: Basic Econometrics. McGraw-Hill, latest edition.	
Usability	MA BWL: Field Supplementary Qualifications MA WiPäd, D WiInf, D WiIng: Field Business Administration and Economics MA PIE The selection must be made in accordance with the examination regulations.	
Examination	Written exam, 90 minutes	
Workload and Credit points	150 hours, 5 credit points	
Frequency	Offered each summer semester	
Duration	One semester	

Module number	Module name	Responsible lecturer
WW-D-201-EMIG WW-MA-201-EMIG WW-MA-PIE-MIG	Economics of Migration	Prof. Dr. Alexander Kemnitz alexander.kemnitz@tu-dresden.de
Qualification objectives	Students are familiar with the economic causes and consequences of cross-border mobility of individuals and households. They are able to analyse and evaluate economic aspects of the migration debate and can communicate specialist knowledge in English.	
Contents	Contents of the module are individual economic migration incentives, global and nationstate effects of migration, migration and the welfare state, illegal immigration and questions of international policy coordination.	
Teaching and learning methods	Lecture: 2 hours per week Practical: 1 hour per week Independent study The language of the module is English.	
Prerequisites for participation	Knowledge of microeconomics, macroeconomics and econometrics at Bachelor's level is required. The following literature is suitable for preparation: Varian, H: Microeconomic Analysis. Norton, most recent edition, Blanchard, O.: Macroeconomics. Pearson, most recent edition, Gujarati, D. N.; Porter, D. C.: Basic Econometrics. McGraw-Hill, latest edition.	
Usability	MA BWL: Field Supplementary Qualifications MA WiPäd, D WiInf, D WiIng: Field Business Administration and Economics MA PIE The selection must be made in accordance with the examination regulations.	
Examination	Written exam, 90 minutes	
Workload and Credit points	150 hours, 5 credit points	
Frequency	Offered each summer semester	
Duration	One semester	

Module number	Module name	Responsible lecturer
WW-D-207-EWST WW-MA-207-EWST WW-MA-PIE-EWS	Economics of the Welfare State	Prof. Dr. Marcel Thum marcel.thum@tu-dresden.de
Qualification objectives	The students understand the mode of operation of social security systems and their dependence on economic and demographic developments. They are in a position to competently discuss and evaluate reform proposals	
Contents	The contents of the module are the functions and effects of social security systems. This includes normative reasons for the assumption of social security by the state as well as its design in the areas of health insurance as well as old-age and income security. The focus is on central model approaches, especially in the field of insurance economics.	
Teaching and learning methods	Lecture: 2 hours per week Practical: 1 hour per week Independent study The language of the module is English.	
Prerequisites for participation	Knowledge of microeconomics, macroeconomics and econometrics at Bachelor's level is required. The following literature is suitable for preparation: Varian, H: Microeconomic Analysis. Norton, most recent edition, Blanchard, O.: Macroeconomics. Pearson, most recent edition, Gujarati, D. N.; Porter, D. C.: Basic Econometrics. McGraw-Hill, latest edition.	
Usability	MA BWL: Supplementary Qualifications MA WiPäd, D WiInf, D WiIng: Field Business Administration and Economics MA PIE The selection must be made in accordance with the examination regulations.	
Examination	Written exam, 90 minutes	
Workload and Credit points	150 hours, 5 credit points	
Frequency	Offered each summer semester	
Duration	One semester	

Module number	Module name	Responsible lecturer
WW-D-205-ELEC WW-MA-205-ELEC WW-MA-PIE-ELE	Empirical Labor Economics	Dr. Andreas Leibing andreas.leibing@tu-dresden.de
Qualification objectives	Students will learn about the suitability and application of various microeconomic methods in the field of labor market economics. Using current research papers, students will learn about common quantitative methods and their assumptions, as well as the state of research in empirical labor market economics.	
Contents	The module covers the various determinants of inequality in the labor market, both on the demand side and on the supply side. The methods used include standard microeconomic techniques for identifying causal effects.	
Teaching and learning methods	Lecture: 2 hours per week, Independent study The language of the module is English.	
Prerequisites for participation	Knowledge of econometrics, as taught in the Empirical Economics module, for example, is required.	
Usability	MA BWL: Fields Methods and Procedures, Supplementary Qualifications, MA WiPäd, D WiInf, D WiIng: Fields Business Administration and Economics, Methods and Procedures, Supplementary Qualifications MA PIE Students must choose according to the respective examination regulations. The choice is only permitted for one of the fields mentioned.	
Examination	Written exam, 90 minutes	
Workload and Credit points	150 hours, 5 credit points	
Frequency	Offered each winter semester	
Duration	One semester	

Module number	Module name	Responsible lecturer
WW-D-204-EXCR WW-MA-204-EXCR WW-MA-PIE-EXC	Exchange Rates	Prof. Dr. Stefan Eichler stefan.eichler@tu-dresden.de
Qualification objectives	Students are familiar with the functioning and structure of foreign exchange markets. They are familiar with theoretical and empirical questions of interest rate and purchasing power parity and understand the short- and long-term dynamics of exchange rates. They can explain the development of foreign exchange markets and their institutional structure.	
Contents	The contents of the module are the basics of exchange rates and foreign exchange markets, in particular structure, pricing and liquidity on the foreign exchange market, purchasing power and interest rate parity, the Mundell-Fleming model and the monetary model of exchange rate formation.	
Teaching and learning methods	Lecture: 2 hours per week Practical: 1 hour per week Independent study The language of the module is English.	
Prerequisites for participation	Knowledge of microeconomics, macroeconomics and econometrics at Bachelor's level is required. The following literature is suitable for preparation: Varian, H: Microeconomic Analysis. Norton, most recent edition, Blanchard, O.: Macroeconomics. Pearson, most recent edition, Gujarati, D. N.; Porter, D. C.: Basic Econometrics. McGraw-Hill, latest edition.	
Usability	MA BWL: Field Supplementary Qualifications MA WiPäd, D WiInf, D WiIng: Field Business Administration and Economics MA PIE The selection must be made in accordance with the examination regulations.	
Examination	Written exam, 60 minutes	
Workload and Credit points	150 hours, 5 credit points	
Frequency	Offered each winter semester	
Duration	One semester	

Module number	Module name	Responsible lecturer
WW-D-201-INÖK WW-MA-201-INÖK	Innovationsökonomik	Prof. Dr. Alexander Kemnitz Alexander.kemnitz@tu-dresde.de
Qualification objectives	Upon completion of the module, students will be familiar with the fundamental issues involved in the economics of innovation and related analyses. They will be able to explain key aspects of the economics of innovation, critically discuss the relationship between market structures and entrepreneurial innovation, and, based on this, derive macroeconomic recommendations for innovation policy.	
Contents	The module covers basic concepts and types of innovation, entrepreneurial incentives for innovation, the role of financing instruments and property rights, the microeconomic and macroeconomic benefits of innovation, and innovation policy.	
Teaching and learning methods	Lecture: 1 hour per week Seminar: 1 hour per week Independent study The language of the module is German. The seminar is limited to 24 participants, selection based by lottery,	
Prerequisites for participation	Knowledge of microeconomics, macroeconomics, and econometrics at the bachelor's level is required. The following texts are recommended for preparation: Varian, H.: Microeconomic Analysis. Norton, latest edition; Blanchard, O.: Macroeconomics. Pearson, latest edition; Gujarati, D. N.; Porter, D. C.: Basic Econometrics. McGraw-Hill, latest edition.	
Usability	MA BWL: Fields Business Administration, Supplementary Qualifications MA WiPäd, D WiInf, D WiIng: Field Business Administration and Economics The selection must be made in accordance with the examination regulations.	
Examination	Complex assesment, 60 hours	
Workload and Credit points	150 hours, 5 credit points	
Frequency	Offered each winter semester	
Duration	One semester	

Module number	Module name	Responsible lecturer
WW-D-204-IFIM WW-MA-204-IFIM WW-MA-PIE-IFM	International Financial Markets	Prof. Dr. Stefan Eichler stefan.eichler@tu-dresden.de
Qualification objectives	Students are familiar with the functioning and structure of international financial markets. They are able to analyse pricing on international financial markets, balance of payments problems and monetary policy issues and to derive practical conclusions.	
Contents	The contents of the module are the basics of international financial markets. This includes the various actors in the financial market, the instruments used to settle transactions, the pricing of equities and bonds, monetary policy, and the macroeconomic implications of capital and current account imbalances.	
Teaching and learning methods	Lecture: 2 hours per week Practical: 1 hour per week Independent study The language of the module is English.	
Prerequisites for participation	Knowledge of microeconomics, macroeconomics and econometrics at Bachelor's level is required. The following literature is suitable for preparation: Varian, H: Microeconomic Analysis. Norton, most recent edition, Blanchard, O.: Macroeconomics. Pearson, most recent edition, Gujarati, D. N.; Porter, D. C.: Basic Econometrics. McGraw-Hill, latest edition.	
Usability	MA BWL: Field Supplementary Qualifications MA WiPäd, D WiInf, D WiIng: Fields Business Administration and Economics MA PIE The selection must be made in accordance with the examination regulations.	
Examination	Written exam, 60 minutes	
Workload and Credit points	150 hours, 5 credit points	
Frequency	Offered each summer semester	
Duration	One semester	

Module number	Module name	Responsible lecturer
WW-D-207-IPEC WW-MA-207-IPEC WW-MA-PIE-IPE	International Public Economics	Prof. Dr. Marcel Thum marcel.thum@tu-dresden.de
Qualification objectives	Students are able to place fundamental concepts of finance in a global context. In particular, they understand the strategic interaction between states and are able to analyse and evaluate policy measures in a globalised world.	
Contents	The content of the module is the motivation and effects of national policy measures in an international context in the absence of a so-called world government. The focus is on the strategic interaction between states in the design of economic policy instruments, modelled with the help of cooperative and non-cooperative concepts of game theory.	
Teaching and learning methods	Lecture: 2 hours per week Practical: 1 hour per week Independent study The language of the module is English.	
Prerequisites for participation	Knowledge of microeconomics, macroeconomics and econometrics at Bachelor's level is required. The following literature is suitable for preparation: Varian, H: Microeconomic Analysis. Norton, most recent edition, Blanchard, O.: Macroeconomics. Pearson, most recent edition, Gujarati, D. N.; Porter, D. C.: Basic Econometrics. McGraw-Hill, latest edition.	
Usability	MA BWL: Field Supplementary Qualifications MA WiPäd, D WiInf, D WiIng: Fields Business Administration and Economics MA PIE The selection must be made in accordance with the examination regulations.	
Examination	Written exam, 90 minutes	
Workload and Credit points	150 hours, 5 credit points	
Frequency	Offered each winter semester	
Duration	One semester	

Module number	Module name	Responsible lecturer
WW-D-221-IGIS WW-MA-221-IGIS WW-MA-PIE-GIS	Introduction to Geographic Information Systems	Jun.-Prof. Dr. Valentin Lindlacher valentin.lindlacher@tu-dresden.de
Qualification objectives	Students are familiar with the software of Geographic Information Systems and are able to apply the software to problem cases in economics. You can collect, edit and analyze data through Geographic Information Systems and process it on the basis of a research or application question of economics.	
Contents	The contents of the module are the properties and application areas of Geographic Information Systems as well as the Geographic Information Systems software.	
Teaching and learning methods	Lecture: 2 hours per week Practical: 1 hour per week Independent study The language of the module is English.	
Prerequisites for participation	Basic programming and IT skills at Abitur level are required.	
Usability	MA BWL: Field Supplementary Qualifications MA WiPäd, D WiInf, D WiIng: Fields Business Administration and Economics MA PIE The selection must be made in accordance with the examination regulations.	
Examination	Complex assesment, 25 hours	
Workload and Credit points	150 hours, 5 credit points	
Frequency	Offered each summer semester	
Duration	One semester	

Module number	Module name	Responsible lecturer
WW-D-208-MIEC WW-MA-208-MIEC WW-MA-PIE-MEC	Microeconometrics	Prof. Dr. Bernhard Schipp econometrics.wiwi@tu-dresden.de
Qualification objectives	The students are familiar with econometric analysis methods based on individual data. You will be familiar with the current methods of microe-conometrics and will be able to use them to deal with economic issues.	
Contents	The module includes generalized linear models, maximum likelihood estimators, binomial/logit/probit models, multinomial models, regressions with censored and truncated variables, such as tobit models, dwell time models, hazard rate models, and panel data analysis.	
Teaching and learning methods	Lecture: 2 hours per week Practical: 2 hours per week Independent study The language of the module is English.	
Prerequisites for participation	Knowledge of statistics and econometrics, in particular interval estimators and hypothesis tests as well as linear multiple regression models, is required at Bachelor's level. The following literature is suitable for preparation: Gujarati, D. N.; Porter, D. C.: Basic Econometrics. McGraw-Hill, latest edition.	
Usability	MA BWL, MA WiPäd, D WiInf, D WiIng: Field Methods and Procedures MA PIE The selection must be made in accordance with the examination regulations. The module creates the prerequisites for the module Advanced Topics in Applied Econometrics.	
Examination	Written exam, 90 minutes	
Workload and Credit points	150 hours, 5 credit points	
Frequency	Offered each winter semester	
Duration	One semester	

Module number	Module name	Responsible lecturer
WW-D-221-MPDE WW-MA-221-MPDE WW-MA-PIE-MDE	Microeconomic Perspectives on Development Economics	Jun.-Prof. Dr. Valentin Lindlacher valentin.lindlacher@tu-dresden.de
Qualification objectives	Students are familiar with relevant topics and models of modern development economics as well as models of comparative development research. They are able to apply the role of various factors, such as health, education and private wealth, to the development of individuals and to critically examine the resulting policy measures.	
Contents	The module covers the role of different types of capital, in particular human, tangible, financial and social capital, coordination failures, models of asymmetric information, simple behavioural models and specific policy measures.	
Teaching and learning methods	Lecture: 2 hours per week Practical: 1 hour per week Independent study The language of the module is English.	
Prerequisites for participation	Knowledge of microeconomics, macroeconomics and econometrics at Bachelor's level is required. The following literature is suitable for preparation: Varian, H: Microeconomic Analysis. Norton, most recent edition, Blanchard, O.: Macroeconomics. Pearson, most recent edition, Gujarati, D. N.; Porter, D. C.: Basic Econometrics. McGraw-Hill, latest edition.	
Usability	MA BWL: Field Supplementary Qualifications MA WiPäd, D WiInf, D WiIng: Field Business Administration and Economics MA PIE The selection must be made in accordance with the examination regulations.	
Examination	Complex assessment, 25 hours	
Workload and Credit points	150 hours, 5 credit points	
Frequency	Offered each winter semester	
Duration	One semester	

Module number	Module name	Responsible lecturer
WW-D-201-PECT WW-MA-201-PECT	Principles of Economic Theory	Prof. Dr. Alexander Kemnitz alexander.kemnitz@tu-dresden.de
Qualification objectives	After completing the module, students will be familiar with current mi-cro- and macroeconomic theories and their formal analysis techniques. You will be able to use these instruments in the subsequent modules of the Master's programme to deal with economic issues.	
Contents	Contents of the module are household and production theory, game theory, imperfect competition, international trade, growth and general equilibrium as well as static and dynamic optimization.	
Teaching and learning methods	Lecture: 2 hours per week Tutorial: 1 hour per week Independent study The language of the module is English.	
Prerequisites for participation	Knowledge of basic economic terms such as economic cycle, economic and market forms, economic analysis methods such as equilibrium anal-ysis and comparative statics at Bachelor's level is required, as discussed for example in The Core Team (Ed.). 2017. The Economy. Oxford Universi-ty Press, as well as knowledge of calculus, stochastics and inferential statistics at basic course Abitur level.	
Usability	MA BWL, MA WiPäd, D WiInf, D WiIng: Field Methods and Procedures The selection must be made in accordance with the examination regulations.	
Examination	Complex assesment, 25 hours	
Workload and Credit points	150 hours, 5 credit points	
Frequency	Offered each winter semester	
Duration	One semester	

Module number	Module name	Responsible lecturer
WW-MA-PIE-PPI	Principles of Public and International Economics	Prof. Dr. Alexander Kemnitz alexander.kemnitz@tu-dresden.de
Qualification objectives	Students are familiar with current theories and formal analysis techniques of finance and foreign trade. They are able to use these tools to deal with economic issues.	
Contents	Contents of the module are budget and production theory, game theory, imperfect competition, international trade, growth and general equilibrium as well as applied computer-based modeling.	
Teaching and learning methods	Lecture: 4 hours per week Practical: 1 hour per week Tutorial: 2 hours per week Independent study The language of the module is English.	
Prerequisites for participation	Knowledge of basic economic concepts, in particular economic cycle, economic forms, market forms, and economic analysis methods, in particular equilibrium analysis, comparative statics at Bachelor's level, as well as mathematics, in particular analysis, stochastics and inferential statistics at Abitur level, basic course, is required. The following literature is suitable for preparation: . https://www.core-econ.org/the-economy/ .	
Usability		
Examination	Complex assesment, 50 hours	
Workload and Credit points	360 hours, 12 credit points	
Frequency	Offered each winter semester	
Duration	One semester	

Module number	Module name	Responsible lecturer
WW-D-207-REEC WW-MA-207-REEC WW-MA-PIE-REC	Resource Economics	Prof. Dr. Marcel Thum marcel.thum@tu-dresden.de
Qualification objectives	Students learn dynamic optimization tools to determine pricing in markets for exhaustible and renewable resources.	
Contents	Economic relationships in global resource markets and economic principles that govern the distribution of different categories of scarce natural resources among competing uses.	
Teaching and learning methods	Lecture: 2 hours per week Practical: 1 hour per week Independent study The language of the module is English.	
Prerequisites for participation	Knowledge of microeconomics, macroeconomics and econometrics at Bachelor's level. The following literature is suitable for preparation: Varian, H: Microeconomic Analysis. Norton, latest edition, Blanchard, O.: Macroeconomics. Pearson, latest edition, Gujarati, D. N.; Porter, D. C.: Basic Econometrics. McGraw-Hill, latest edition.	
Usability	MA BWL: Field Supplementary Qualifications MA WiPäd, D WiInf, D WiIng: Field Business Administration and Economics MA PIE The selection must be made in accordance with the examination regulations.	
Examination	Written exam, 90 minutes	
Workload and Credit points	150 hours, 5 credit points	
Frequency	Offered each summer semester	
Duration	One semester	

Module number	Module name	Responsible lecturer
WW-D-201-SPIL WW-MA-201-SPIL	Spieltheorie	Prof. Dr. Alexander Kemnitz alexander.kemnitz@tu-dresden.de
Qualification objectives	Students are familiar with basic and advanced concepts of game theory. They can present and explain the strategic behavior of players and their interactions, independently model conflict situations in different economic contexts and are able to analyze them adequately.	
Contents	The contents of the module are static and dynamic games with complete and incomplete information as well as evolutionary and experimental game theory with applications in business, economics and political science contexts.	
Teaching and learning methods	Lecture: 2 hours per week Independent study The language of the module is German.	
Prerequisites for participation	Knowledge of game theory at Bachelor's level is required.	
Usability	MA BWL, MA WiPäd, D WiInf, D WiIng: Field Methods and Procedures The selection must be made in accordance with the examination regulations.	
Examination	Written exam, 120 minutes	
Workload and Credit points	150 hours, 5 credit points	
Frequency	Offered each winter semester	
Duration	One semester	

Module number	Module name	Responsible lecturer
WW-D-207-TTAX WW-MA-207-TTAX WW-MA-PIE-TAX	Theory of Taxation	Prof. Dr. Marcel Thum marcel.thum@tu-dresden.de
Qualification objectives	Students have an in-depth understanding of central concepts of tax theory. They are able to penetrate and assess the impact of tax policy measures.	
Contents	The module focuses on the basic incentive and incidence effects of direct and indirect taxation as well as the optimal design of tax systems and tax reforms	
Teaching and learning methods	Lecture: 2 hours per week Practical: 1 hour per week Independent study The language of the module is English.	
Prerequisites for participation	Knowledge of microeconomics, macroeconomics and econometrics at Bachelor's level is required. The following literature is suitable for preparation: Varian, H: Microeconomic Analysis. Norton, most recent edition, Blanchard, O.: Macroeconomics. Pearson, most recent edition, Gujarati, D. N.; Porter, D. C.: Basic Econometrics. McGraw-Hill, latest edition.	
Usability	MA BWL: Field Supplementary Qualifications MA WiPäd, D WiInf, D WiIng: Field Business Administration and Economics MA PIE The selection must be made in accordance with the examination regulations.	
Examination	Written exam, 90 minutes	
Workload and Credit points	150 hours, 5 credit points	
Frequency	Offered each winter semester	
Duration	One semester	

Module number	Module name	Responsible lecturer
WW-D-208-TSEC WW-MA-208-TSEC WW-MA-PIE-TSE	Time Series Econometrics	Prof. Dr. Bernhard Schipp econometrics.wiwi@tu-dresden.de
Qualification objectives	Students can apply and evaluate the methods of time series econometrics. Furthermore, students are able to plan the empirical process for a given research question.	
Contents	Contents of the module are fundamentals of stochastic processes, auto-regressive-integrated-moving-average models, generalized-autoregressive-conditional-heteroskedasticity models, vector auto-regressive models and models in continuous time in the context of economic questions.	
Teaching and learning methods	Lecture: 2 hours per week Practical: 2 hours per week Independent study The language of the module is English.	
Prerequisites for participation	Knowledge of statistics and econometrics at Bachelor's level is required.	
Usability	MA BWL, MA WiPäd, D WiIng, D WiInf: Methods and Procedures The selection must be made in accordance with the examination regulations.	
Examination	More than ten registered students: written exam, 120 minutes Up to ten registered students: non-public oral examination, 20 minutes duration as an individual examination	
Workload and Credit points	150 hours, 5 credit points	
Frequency	Offered each summer semester	
Duration	One semester	

Module number	Module name	Responsible lecturer
WW-D-201-TECP WW-MA-201-TECP WW-MA-PIE-TEP	Topics in Economic Policy	Prof. Dr. Alexander Kemnitz alexander.kemnitz@tu-dresden.de
Qualification objectives	Students are able to scientifically analyze a current economic policy problem. You will be able to evaluate alternative solutions and be proficient in communicating specialist knowledge in English.	
Contents	The contents of the module are theoretical and empirical economic policy research contributions of a fundamental and application-oriented nature to current applied problems of economic policy.	
Teaching and learning methods	Seminar: 2 hours per week Independent study The language of the module is English. The seminar is limited to 20 participants, selection based by lottery,	
Prerequisites for participation	Knowledge of microeconomics and macroeconomics at Bachelor's level is required. The following literature is suitable for preparation: Varian, H: Microeconomic Analysis. Norton, most recent edition, Blanchard, O.: Macroeconomics. Pearson, most recent edition, Gujarati, D. N.; Porter, D. C.: Basic Econometrics. McGraw-Hill, latest edition.	
Usability	MA BWL: Fields Supplementary Qualifications, Presenting and Discussing D WiInf, D WiIng: Fields Business Administration and Economics, Presenting and Discussing MA WiPäd: Field Business Administration and Economics MA PIE Students must choose according to the respective examination regulations. The choice is only permitted for one of the fields mentioned.	
Examination	Combined term paper, 90 hours	
Workload and Credit points	150 hours, 5 credit points	
Frequency	Offered each winter semester	
Duration	One semester	

Module number	Module name	Responsible lecturer
WW-D-203-TIEC WW-MA-203-TIEC WW-MA-PIE-TIE	Topics in International Economics	Prof. Dr. Christian Leßmann christian.lessmann@tu-dresden.de
Qualification objectives	Students are able to understand current theoretical and empirical contributions to international business, present their most important aspects in English and place them in a scientific context.	
Contents	The contents of the module are current theoretical and empirical research contributions of a fundamental and application-oriented nature to current applied problems of international business.	
Teaching and learning methods	Seminar: 2 hours per week Independent study The language of the module is English. The seminar is limited to 20 participants, selection based on the order of enrollment.	
Prerequisites for participation	Knowledge of microeconomics and macroeconomics at Bachelor's level is required. The following literature is suitable for preparation: Varian, H: Microeconomic Analysis. Norton, most recent edition, Blanchard, O.: Macroeconomics. Pearson, most recent edition, Gujarati, D. N.; Porter, D. C.: Basic Econometrics. McGraw-Hill, latest edition.	
Usability	MA BWL: Fields Supplementary Qualifications, Presenting and Discussing D WiInf, D WiIng: Fields Business Administration and Economics, Presenting and Discussing MA WiPäd: Field Business Administration and Economics MA PIE Students must choose according to the respective examination regulations. The choice is only permitted for one of the fields mentioned.	
Examination	Combined term paper, 90 hours	
Workload and Credit points	150 hours, 5 credit points	
Frequency	Offered each summer semester	
Duration	One semester	

Module number	Module name	Responsible lecturer
WW-D-205-TPEV WW-MA-205-TPEV WW-MA-PIE-TPV	Topics in Policy Evaluation	Prof. Dr. Kamila Cygan-Rehm empirics.wiwi@tu-dresden.de
Qualification objectives	Students are familiar with modern methods and applied challenges in empirical policy evaluations. They are able to analytically record the evaluation of concrete policy interventions, propose suitable research designs and critically deal with the central assumptions. In addition, they learn to assess the quality of empirical studies with regard to the study design used, the database and the derived policy recommendations.	
Contents	The module deals with common methods of policy evaluation (random-ized trials, difference-in-differences, regression discussibility, instrument variable estimation, matching, etc.) as well as their applications in the field of labor market, education, social and health policy (with changing focus-es). The current focus will be announced at the beginning of the semester in the usual way.	
Teaching and learning methods	Seminar: 2 hours per week Independent study The language of the module is English. The seminar is limited to 30 participants, selection based on the order of enrollment.	
Prerequisites for participation	English language skills according to level B2 of the Common European Framework of Reference for Languages as well as knowledge of econometrics at Bachelor's level are required.	
Usability	MA BWL: Fields Methods and Procedures, Supplementary Qualifications, Presenting and Discussing D WiInf, D WiIng: Fields Methods and Procedures, Business Administration and Economics, Presenting and Discussing MA WiPäd: Fields Methods and Procedures, Business Administration and Economics MA PIE Students must choose according to the respective examination regulations. The choice is only permitted for one of the fields mentioned.	
Examination	Combined term paper, 100 hours	
Workload and Credit points	150 hours, 5 credit points	
Frequency	Offered each semester	
Duration	One semester	

Business Education and Management Training

Module number	Module name	Responsible lecturer
WW-D-115-AFOL WW-MA-115-AFOL	Aktuelle Fragen des organisationalen Lernens	Prof. Dr. Bärbel Fürstenau sekretariat.wipaed@mailbox.tu-dresden.de
Qualification objectives	Students understand central terms, aspects and conditions of organizational learning and the learning organization and are familiar with theories and current research results on organizational learning and critically question them. They are familiar with current challenges and areas of responsibility in the field of organizational learning, analyze various organizations from the point of view of organizational learning on the basis of their acquired knowledge and reflect on them critically. Furthermore, students develop and develop possible measures to further develop and promote organizational learning in the organizational context and are able to design and conduct their own seminar unit on the basis of the knowledge they have acquired, which concerns a specific area of responsibility or a challenge of organizational learning/the learning organization.	
Contents	The contents of the module are organizational learning and learning or-organization, primarily from a pedagogical-didactic perspective. The focus is on people, who have a significant influence on organizational learning and thus organizational change, and on the various instruments or instru-ments. Measures that support him in this. Other contents of the module are selected topics of organizational learning in the corporate context and related current problems.	
Teaching and learning methods	Seminar: 2 hours per week Independent study The language of the module can be German or English and is determined at the beginning of each semester and announced in the usual manner. The seminar is limited to 30 participants, selection based by lottery.	
Prerequisites for participation	Sound pedagogical, didactic and business knowledge, especially about organization and management, is required at Bachelor's level.	
Usability	MA BWL: Fields Business Administration, Supplementary Qualifications, Presenting and Discussing MA WiPäd: Fields Business Administration and Economics, Business Education and Management Training D WiInf, D WiIng: Fields Business Administration and Economics, Supplementary Qualifications, Presenting and Discussing Students must choose according to the respective examination regulations. The choice is only permitted for one of the fields mentioned.	
Examination	Combined term paper, 90 hours	

Workload and Credit points	150 hours, 5 credit points
Frequency	Offered each summer semester
Duration	One semester

Module number	Module name	Responsible lecturer
WW-D-115-AFTP WW-MA-115-AFTP	Aktuelle Fragen in der Theorie und Praxis der kaufmännischen Aus- und Weiterbildung	Prof. Dr. Bärbel Fürstenau sekretariat.wipaed@mailbox.tu-dresden.de
Qualification objectives	The students develop theoretical and research-led solutions for selected questions or problems of commercial education and training, assess the solution approaches with regard to their practical feasibility and reflect on the connection between problem and solution approach with regard to suitability.	
Contents	The content of the module is current questions of the theory and practice of commercial education and training. Depending on the development, different priorities are set.	
Teaching and learning methods	Seminar: 3 hours per week Independent study The language of the module can be German or English and is determined at the beginning of each semester and announced in the usual manner. The seminar is limited to 20 participants, selection based by lottery.	
Prerequisites for participation	Business administration, economics and business education knowledge at Bachelor's level is required.	
Usability	MA BWL: Fields Business Administration, Supplementary Qualifications MA WiPäd: Fields Business Administration and Economics, Business Education and Management Training D WiInf, D WiIng: Fields Business Administration and Economics, Supplementary Qualifications Students must choose according to the respective examination regulations. The choice is only permitted for one of the fields mentioned.	
Examination	Complex assesment, 90 hours	
Workload and Credit points	150 hours, 5 credit points	
Frequency	Offered each summer semester	
Duration	One semester	

Module number	Module name	Responsible lecturer
WW-D-115-AHPM WW-MA-115-AHPM	Aktuelle Herausforderungen des Personalmanagements	Prof. Dr. Bärbel Fürstenau sekretariat.wipaed@mailbox.tu- dresden.de
Qualification objectives	Students will be able to discuss current challenges in human resource management, analyze theoretical foundations, empirical findings, and methods for different human resources functions and, based on this, select suitable measures for adequately dealing with these challenges. They are able to apply their knowledge and skills to scientific work.	
Contents	The module focuses on current challenges of the various HR functions in the context of human resource management, their theoretical foundations, associated methods and empirical findings.	
Teaching and learning methods	Seminar: 2 hours per week Independent study The language of the module can be German or English and is determined at the beginning of each semester and announced in the usual manner. The seminar is limited to 30 participants, selection based by lottery.	
Prerequisites for participation	The module requires basic knowledge of business administration, in particular human resources management, at the level of a completed bachelor's degree in economics or comparable.	
Usability	MA BWL: Field Business Administration MA WiPäd, D WiInf, D WiIng: Field Business Administration and Economics The selection must be made in accordance with the examination regulations.	
Examination	Complex assesment, 90 hours	
Workload and Credit points	150 hours, 5 credit points	
Frequency	Offered each winter semester	
Duration	One semester	

Module number	Module name	Responsible lecturer
WW-D-115-ATWP WW-MA-115-ATWP	Aktuelle Themen der Wirtschaftspädagogik	Prof. Dr. Bärbel Fürstenau sekretariat.wipaed@mailbox.tu- dresden.de
Qualification objectives	The students present current issues in business education from theory and practice using scientific methods, analyze and discuss them.	
Contents	The contents of the module are current issues of business education from theory and practice.	
Teaching and learning methods	Seminar: 2 hours per week Independent study The language of the module can be German or English and is determined at the beginning of each semester and announced in the usual manner. The seminar is limited to 30 participants, selection based by lottery.	
Prerequisites for participation	Basic knowledge of educational psychology, business didactics and commercial education at Bachelor's level is required.	
Usability	MA BWL: Fields Business Administration, Supplementary Qualifications MA WiPäd: Fields Business Education and Management Training, Business Administration and Economics D WiInf, D WiIng: Fields Business Administration and Economics, Supplementary Qualifications Students must choose according to the respective examination regulations. The choice is only permitted for one of the fields mentioned.	
Examination	Complex assesment, 90 hours	
Workload and Credit points	150 hours, 5 credit points	
Frequency	Offered each winter semester	
Duration	One semester	

Module number	Module name	Responsible lecturer
WW-D-115-AFPM WW-MA-115-AFPM	Ausgewählte Fragen des Personalmanagements	Prof. Dr. Bärbel Fürstenau sekretariat.wipaed@mailbox.tu-dresden.de
Qualification objectives	Students can independently analyze and discuss selected questions using scientific methods, derive implications for human resources work based on this and apply their knowledge and skills to scientific work.	
Contents	The contents of the module are selected questions as well as associated theories and empirical findings in the field of human resource management.	
Teaching and learning methods	Seminar: 3 hours per week Independent study The language of the module can be German or English and is determined at the beginning of each semester and announced in the usual manner. The seminar is limited to 30 participants, selection based by lottery.	
Prerequisites for participation	The module requires basic knowledge of business administration, in particular human resources management, at the level of a completed bachelor's degree in economics or comparable.	
Usability	MA BWL: Field Business Administration MA WiPäd, D WiInf, D WiIng: Field Business Administration and Economics The selection must be made in accordance with the examination regulations.	
Examination	Complex assesment, 90 hours	
Workload and Credit points	150 hours, 5 credit points	
Frequency	Offered each summer semester	
Duration	One semester	

Module number	Module name	Responsible lecturer
WW-D-115-LIPA WW-MA-115-LIPA	Lernen im Prozess der Arbeit	Prof. Dr. Bärbel Fürstenau sekretariat.wipaed@mailbox.tu-dresden.de
Qualification objectives	The students know and understand the term learning as well as the theories and research results on learning in the process of work and critically question them. They understand various factors influencing learning in the process of work, can fathom them and apply the knowledge they have acquired with the aim of analysing and shaping work processes from a learning point of view. They are able to derive possible action measures that can improve learning in the process of working in an organization or make it more effective. They can solve application-oriented (case) studies, present their results and critically question them and the results of fellow students.	
Contents	Contents include theories and current research results on learning in the process of work ("workplace learning"), methods of combining learning and working, work design that promotes learning as well as technical, organizational and personal factors influencing learning in the process of work. Depending on current developments (e.g. in the working environment), topics are added. This content is scientifically analysed and the acquired knowledge is applied in a practical way.	
Teaching and learning methods	Seminar: 2 hours per week Independent study The language of the module can be German or English and is determined at the beginning of each semester and announced in the usual manner. The seminar is limited to 30 participants, selection based by lottery.	
Prerequisites for participation	The module requires sound knowledge of classical learning theories as well as personnel development, organization and management at the level of a completed bachelor's degree in business education or economics or comparable.	
Usability	MA BWL: Fields Business Administration, Supplementary Qualifications MA WiPäd: Fields Business Administration and Economics, Business Education and Management Training D WiInf, D WiIng: Fields Business Administration and Economics, Supplementary Qualifications Students must choose according to the respective examination regulations. The choice is only permitted for one of the fields mentioned.	
Examination	Combined term paper, 90 hours	
Workload and Credit points	150 hours, 5 credit points	

Frequency	Offered each winter semester
Duration	One semester

Module number	Module name	Responsible lecturer
WW-MA-MMEL WW-D-115-MMEL WW-MA-115-MML	Multimediales Lernen	Prof. Dr. Bärbel Fürstenau sekretariat.wipaed@mailbox.tu-dresden.de
Qualification objectives	The students know and understand what is meant by multimedia, know and understand the psychological foundations of multimedia learning, the cognitive theory of multimedia learning as well as the principles for the design of multimedia and analyse existing multimedia materials and apply the design principles to materials to be created by them-selves.	
Contents	Contents are central concepts in connection with multimedia learning, learning psychology basics of multimedia learning, theories of multimedia learning as well as theory and practice of the development and analysis of multimedia teaching and learning materials.	
Teaching and learning methods	Seminar: 2 hours per week Project: 1 hour per week Independent study The language of the module can be German or English and is determined at the beginning of each semester and announced in the usual manner. The seminar is limited to 30 participants, se	
Prerequisites for participation	Knowledge of classical learning theories at Bachelor's level is required.	
Usability	MA WiPäd 1 MA WiPäd 2: Field Business Administration and Economics MA BWL: Fields Business Administration, Supplementary Qualifications D WiInf, D WiIng: Fields Business Administration and Economics, Supplementary Qualifications MA PIE Students must choose according to the respective examination regulations. The choice is only permitted for one of the fields mentioned.	
Examination	Complex assesment, 90 hours	
Workload and Credit points	150 hours, 5 credit points	
Frequency	Offered each winter semester	
Duration	One semester	

Module number	Module name	Responsible lecturer
WW-MA-NTLL WW-D-115-NTLL WW-MA-115-NTLL	Neuere Theorien des Lehrens und Lernens	Prof. Dr. Bärbel Fürstenau sekretariat.wipaed@mailbox.tu-dresden.de
Qualification objectives	The students know, understand and reflect on newer theories, models and approaches to teaching and learning as well as current findings from related subject areas and research strands and apply the findings to the design and analysis of practical examples or teaching-learning processes for the corporate and school context.	
Contents	Recent theories, models, and approaches to learning and teaching that are relevant to both the corporate and school context; insights from related subject areas and research strands are taken into account.	
Teaching and learning methods	Seminar: 2 hours per week, Independent study The language of the module can be German or English and is determined at the beginning of each semester and announced in the usual manner. Participation is limited to 30 participants; selection based by lotte	
Prerequisites for participation	Knowledge of classical learning theories as well as didactic approaches and models for the preparation, implementation and follow-up of lessons or training courses at Bachelor level.	
Usability	MA WiPäd MA BWL, D WiInf, D WiIng:Field Supplementary Qualifications The selection must be made in accordance with the examination regulations.	
Examination	Complex assessment, 90 hours	
Workload and Credit points	150 hours, 5 credit points	
Frequency	Offered each winter semester	
Duration	One semester	

Module number	Module name	Responsible lecturer
WW-D-115-STPM WW-MA-115-STPM	Spezielle Themen des Personalmanagements	Prof. Dr. Bärbel Fürstenau sekretariat.wipaed@mailbox.tu-dresden.de
Qualification objectives	Students are able to analyze special topics of human resource management and develop solutions for them based on theory and empirical findings. They are able to independently design specific measures and critically reflect on (potential) results. They can apply their knowledge and skills to scientific work.	
Contents	The contents of the module are theories, empirical findings and measures on special topics of personnel management from the personnel functions of personnel planning and recruitment, personnel selection, personnel deployment and development or staff reduction and redundancy.	
Teaching and learning methods	Seminar: 3 hours per week Independent study The language of the module can be German or English and is determined at the beginning of each semester and announced in the usual manner. The seminar is limited to 30 participants, selection based by lottery.	
Prerequisites for participation	The module requires basic knowledge of business administration, in particular human resources management, at the level of a completed bachelor's degree in economics or comparable.	
Usability	MA BWL: Field Business Administration MA WiPäd, D WiInf, D WiIng: Field Business Administration and Economics The selection must be made in accordance with the examination regulations.	
Examination	Complex assesment, 90 hours	
Workload and Credit points	150 hours, 5 credit points	
Frequency	Offered each winter semester	
Duration	One semester	

Module number	Module name	Responsible lecturer
WW-D-115-WDSF WW-MA-115-WDSF	Wirtschaftsdidaktik im Spannungsfeld von Theorie und Praxis	Prof. Dr. Bärbel Fürstenau sekretariat.wipaed@mailbox.tu-dresden.de
Qualification objectives	The students plan the use of teaching-learning environments for commercial education and training, adapt learning objectives, content, methods and media to the target group, the spatio-temporal and situational framework conditions and implement teaching-learning environments in practice. You will critically reflect on the learning environments and their implementation, applying and deepening basic knowledge of learning theory and didactics-methodology.	
Contents	The contents of the module are selected teaching and learning environments for commercial education and training, their teaching-learning theoretical and didactic-methodological foundations as well as framework conditions for practical application in commercial education and/or further education.	
Teaching and learning methods	Seminar: 4 hours per week Independent study The language of the module is German. The seminar is limited to 15 participants, selection based by lottery,	
Prerequisites for participation	Comprehensive didactic and methodological knowledge as well as experience in the preparation, implementation and reflection of courses or lessons as well as sound knowledge of various learning theories, educational policy, organisational and institutional issues of vocational education and training at Bachelor's level are required.	
Usability	MA BWL: Fields Business Administration, Supplementary Qualifications MA WiPäd: Field Business Education and Management Training, Business Administration and Economics D WiInf, D WiIng: Fields Business Administration and Economics, Supplementary Qualifications Students must choose according to the respective examination regulations. The choice is only permitted for one of the fields mentioned.	
Examination	Complex assesment, 90 hours	
Workload and Credit points	150 hours, 5 credit points	
Frequency	Offered each winter semester	
Duration	One semester	

Business Information Systems

Module number	Module name	Responsible lecturer
WW-D-305-ATBE WW-MA-305-ATBE	Aktuelle Themen des Business Engineerings	Prof. Dr. Martin Wiener martin.wiener@tu-dresden.de
Qualification objectives	Students understand current issues in (digital) business engineering, can explain them and assess their theoretical and practical relevance. They are able to investigate, classify, discuss questions in their practical relevance through the use of scientific methods and to derive scientifically sound statements. They can design solutions and implement solutions that correspond to the state of the art. They can solve tasks of this kind in teamwork and organize them as a project.	
Contents	In a project work, the students deal with current scientific issues of (digital) business engineering in a practical application context.	
Teaching and learning methods	Project: 2 hours per week Independent study The language of the module can be German or English and is determined at the beginning of each semester and announced in the usual manner. The project is limited to 10 participants, selection based on the order	
Prerequisites for participation	Knowledge of general project management and methodological basics in the field of scientific work at Bachelor's level is required.	
Usability	MA BWL, MA WiPäd: Field Supplementary Qualifications D WiInf, D WiIng: Field Business Information Systems The selection must be made in accordance with the examination regulations.	
Examination	Complex assesment, 100 hours The language of the exam is German or English.	
Workload and Credit points	150 hours, 5 credit points	
Frequency	Offered each summer semester	
Duration	One semester	

Module number	Module name	Responsible lecturer
WW-D-305-CSRS WW-MA-305-CSRS	Case Study Research	Prof. Dr. Martin Wiener martin.wiener@tu-dresden.de
Qualification objectives	Students are familiar with central concepts, techniques and strategies along the various phases of case study research. They can explain these concepts, techniques and strategies using specific examples and apply them to classify and evaluate case study-based research work.	
Contents	Presentation and discussion of the phases of case study research as well as the analysis and evaluation of corresponding research articles.	
Teaching and learning methods	Seminar: 2 hours per week, Independent study The language of the module is English. The seminar is limited to 18 participants; selection based on the order of enrollment.	
Prerequisites for participation	Basic knowledge of scientific work at Bachelor's level; English language skills at B2 level.	
Usability	MA BWL, D WiInf, D WiIng: Fields Methods and Procedures, Presenting and Discussing MA WiPäd: Field Methods and Procedures Students must choose according to the respective examination regulations. The choice is only permitted for one of the fields mentioned.	
Examination	Complex assessment, 100 hours The language of the exam is English.	
Workload and Credit points	150 hours, 5 credit points	
Frequency	Offered each winter semester	
Duration	One semester	

Module number	Module name	Responsible lecturer
WW-D-305-DDBM WW-MA-305-DDBM	Data-Driven Business Models	Prof. Dr. Martin Wiener martin.wiener@tu-dresden.de
Qualification objectives	Students are familiar with central data-based technologies and understand their contribution to organizational value creation. In addition, they are familiar with essential concepts and frameworks for describing data-driven business models. They are able to apply these concepts/frameworks to analyze and discuss corresponding business models in the form of scientific contributions.	
Contents	Current issues relating to data-driven business models will be addressed.	
Teaching and learning methods	Project: 2 hours per week Independent study The language of the module is English. The project is limited to 20 participants, selection based on the order of enrollment.	
Prerequisites for participation	Knowledge of basic concepts, methods and contexts of economics at Bachelor's level is required.	
Usability	MA BWL, MA WiPäd: Field Supplementary Qualifications D WiInf, D WiIng: Field Business Information Systems The selection must be made in accordance with the examination regulations.	
Examination	Complex assesment, 100 hours The language of the exam is English.	
Workload and Credit points	150 hours, 5 credit points	
Frequency	Offered each summer semester	
Duration	One semester	

Module number	Module name	Responsible lecturer
WW-D-305-DBEN WW-MA-305-DBEN WW-MA-PIE-DBE	Digital Business Engineering	Prof. Dr. Martin Wiener martin.wiener@tu-dresden.de
Qualification objectives	The students are familiar with essential questions and central approach-es of (digital) business engineering as well as the basic principles for the methodical design of digital services and business models. In addition, they can apply selected methods and techniques to analyze and develop appropriate solutions.	
Contents	The contents of the module are essential questions, basic principles as well as selected methods and techniques of (digital) business engineer-ing.	
Teaching and learning methods	Lecture: 1 hour per week Project: 2 hours per week Independent study The language of the module is English. The project is limited to 40 participants, selection based on the order of enrollment.	
Prerequisites for participation	Knowledge of business informatics at Bachelor's level is required.	
Usability	MA BWL: Fields Business Administration, Supplementary Qualifications MA WIPäd: Fields Business Administration and Economics, Supplementary Qualifications D WiInf, D WiIng: Fields Business Administration and Economics, Business Information Systems MA PIE Students must choose according to the respective examination regulations. The choice is only permitted for one of the fields mentioned.	
Examination	More than ten registered students: written exam, 60 minutes Up to ten registered students: non-public oral examination, 20 minutes duration as an individual examination Prerequisite for the exam: Project work, 60 hours The language of the exam is Engl	
Workload and Credit points	150 hours, 5 credit points	
Frequency	Offered each winter semester	
Duration	One semester	

Module number	Module name	Responsible lecturer
WW-D-335-DIHE WW-MA-335-DIHE WW-MA-PIE-DIH	Digital Health	Apl. Prof. Dr. Hannes Schlieter digital-health@tu-dresden.de
Qualification objectives	Students will be able to name the concepts of the design and management of digital health interventions and classify them in the context of information and communication systems in the healthcare sector. They are aware of the specifics of the healthcare industry, such as normative regulations, communication standards or technological limitations. Students will also be familiar with the basic concepts of providing, processing and utilizing health-related information and the associated technologies. They are able to conceptually describe, classify and evaluate systems for the provision of digital health services and integrated care concepts against the background of the overall organizational target corridor.	
Contents	Basic concepts of the design and management of digital health interventions, such as digital health applications (DiGAs), normative regulations and standards of medical informatics as well as central concepts for the design of operational information systems in integrated, patient-centered healthcare networks, such as patient pathways, electronic records, data security concepts, European strategies and digital health applications, such as digital therapeutics.	
Teaching and learning methods	Lecture: 2 hours per week, Seminar: 1 hour per week, Independent study The language of the module is English. Participation is limited to 20 participants; selection based on the order of enrollment.	
Prerequisites for participation	Good knowledge of basic concepts, methods and contexts of economics at Bachelor's level.	
Usability	MA BWL: Fields Business Administration, Supplementary Qualifications MA WiPäd, D WiInf, D WiIng: Fields Business Administration and Economics, Supplementary Qualifications MA PIE Students must choose according to the respective examination regulations. The choice is only permitted for one of the fields mentioned.	
Examination	Non-public oral examination as a group examination lasting 15 minutes per student.	
Workload and Credit points	150 hours, 5 credit points	
Frequency	Offered each winter semester	

Duration	One semester
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Module number	Module name	Responsible lecturer
WW-D-301-ERPG WW-MA-301-ERPG	ERP-gestützte Geschäftsprozesse	Prof. Dr. Susanne Strahringer susanne.strahringer@tu-dresden.de
Qualification objectives	Students have skills in the practical handling of ERP systems and can apply them in selected business processes. They also have an understanding of the concrete designs of operational application systems in a selection of specific industries and types of business, so that they can make well-founded assessments of the suitability of systems and the necessary system and process design requirements in simple operational contexts within the framework of the business processes dealt with. You will be able to understand and further develop the requirements of an exemplary user company and design the corresponding introduction and adaptation measures. In addition, they can explain the connection between IT management tasks and operational implementation by way of example. The students can critically question their project results and present and defend them in the role of a service provider (i.e. contractor's perspective) against a fictitious user company (client). You have in-depth practical project management skills as well as in-depth skills in the area of teamwork and (self-)organization.	
Contents	The subject of the module is the in-depth examination of operational business processes (e.g. trade and production processes), which are typically supported by enterprise resource planning systems (ERP systems). Furthermore, an exemplary business scenario of a user company with context, framework conditions and a variety of detailed information is discussed, which represents the starting point of the task to be solved in project form.	
Teaching and learning methods	Project: 2 hours per week Independent study The language of the module is German. The project is limited to 15 participants, selection based on the order of enrollment.	
Prerequisites for participation	Knowledge of operational application systems and general project management at Bachelor's level as well as the skills to be acquired in the ERP simulation module are required.	
Usability	MA BWL: Fields Business Administration, Supplementary Qualifications MA WiPäd: Fields Business Administration and Economics, Supplementary Qualifications D WiInf, D WiIng: Fields Business Administration and Economics, Business Information Systems Students must choose according to the respective examination regulations. The choice is only permitted for one of the fields mentioned.	
Examination	Complex assesment, 100 hours	

Workload and Credit points	150 hours, 5 credit points
Frequency	Offered each winter semester
Duration	One semester

Module number	Module name	Responsible lecturer
WW-D-301-ERPP WW-MA-301-ERPP	ERP-Planspiel	Prof. Dr. Susanne Strahringer susanne.strahringer@tu-dresden.de
Qualification objectives	Students have knowledge of how to use enterprise resource planning (ERP) systems, such as: SAP S/4HANA and can apply them practically. Students are able to combine knowledge from various business disciplines with business informatics skills and knowledge and apply them holistically in a realistic (but simplified) operational situation. Students are familiar with the functionality and complexity of ERP systems in the context of business decision-making situations and control tasks. You will be able to use an ERP system to manage a fictitious company on a simulated market. You will be able to analyse complex business contexts and market situations, derive plans and decisions in the group from them and implement them in an ERP system. They can question, evaluate and defend these decisions ex post. They can present their analysis results in English and master the technical terminology used with regard to the business and ERP system functionalities in English. Overall, they improve their skills to work in a team, to control processes in a group, to implement their tasks in a self-chosen form of project organization, to deepen social skills and their ability to make decisions under time pressure.	
Contents	The contents of the module are selected integrated specialist processes from the fields of materials management (esp. material requirements planning), production, procurement, financial accounting, controlling, marketing and sales as well as the interlinking of these functional areas in an integrated ERP system. In addition, the handling of an ERP system is taught and the deep integration of operational functional areas in such a system is illustrated. Furthermore, an exemplary company scenario with context, framework conditions and a variety of detailed information is presented.	
Teaching and learning methods	Lecture: 0,25 hour per week Practical: 0,25 hour per week Project: 2,5 hours per week Independent study The language of the module is English. The module is limited to 16 participants, selection based on the order of enrollment.	
Prerequisites for participation	Knowledge of the basics of business administration, organization, accounting, production, logistics, basics of business informatics and business application systems at Bachelor's level is required. In addition, basic knowledge of the SAP S/4HANA ERP system is required.	

Usability	MA BWL: Fields Business Administration, Supplementary Qualifications MA WiPäd: Fields Business Administration and Economics, Supplementary Qualifications D WiInf, D WiIng: Fields Business Administration and Economics, Business Information Systems Students must choose according to the respective examination regulations. The choice is only permitted for one of the fields mentioned. The module creates the prerequisites for the module ERP-supported business processes.
Examination	Complex assesment, 90 hours
Workload and Credit points	150 hours, 5 credit points
Frequency	Offered each summer semester
Duration	One semester

Module number	Module name	Responsible lecturer
WW-D-301-GBPS WW-MA-301-GBPS	Gestaltungsansätze der Business Processes and Systems	Prof. Dr. Susanne Strahringer susanne.strahringer@tu-dresden.de
Qualification objectives	The students are able to discuss complex problems from business informatics appropriately and to analyze complex problems with the help of selected methods and to design suitable solutions for them in team-work. They can organize their task to be worked on in the team as a project and present the project results in a way that is appropriate for the target group.	
Contents	The course deals with issues that are common in the context of IT-related consulting in the fields of process management, system and prototype design, business model development and information management.	
Teaching and learning methods	Project: 3 hours per week Independent study The language of the module can be German or English and is determined at the beginning of each semester and announced in the usual manner. The project is limited to 15 participants, selection based on the order	
Prerequisites for participation	Knowledge of the interrelationships and methods of economics, business informatics and computer science at Bachelor's level is required.	
Usability	MA BWL: Fields Business Administration, Supplementary Qualifications MA WiPäd: Fields Business Administration and Economics, Supplementary Qualifications D WiInf, D WiIng: Fields Business Administration and Economics, Business Information Systems Students must choose according to the respective examination regulations. The choice is only permitted for one of the fields mentioned.	
Examination	Complex assessment, 100 hours The language of the exam is German or English.	
Workload and Credit points	150 hours, 5 credit points	
Frequency	Offered each summer semester	
Duration	One semester	

Module number	Module name	Responsible lecturer
WW-D-335-HCMA WW-MA-335-HCMA	Health Care Management	Apl. Prof. Dr. Hannes Schlieter Hannes.Schlieter@tu-dresden.de
Qualification objectives	The students are familiar with current issues and developments in the design of management systems in the healthcare sector. They are able to prepare, represent, analyze, discuss and apply them to use cases using scientific methods.	
Contents	In the module, current issues of management and the design of management systems in the healthcare sector are dealt with and scientifically processed.	
Teaching and learning methods	Seminar: 2 hours per week Independent study The language of the module is German. The seminar is limited to 20 participants, selection based on the order of enrollment.	
Prerequisites for participation	Good knowledge of basic concepts, methods and contexts of economics at Bachelor's level is required.	
Usability	MA BWL, MA WiPäd, D WiInf, D WiIng: Field Supplementary Qualifications The selection must be made in accordance with the examination regulations.	
Examination	Combined term paper, 100 hours, as group performance	
Workload and Credit points	150 hours, 5 credit points	
Frequency	Offered each summer semester	
Duration	One semester	

Module number	Module name	Responsible lecturer
WW-D-335-PJSD WW-MA-335-PJSD	Projektseminar Software Development	Dr. Hannes Schlieter digital-health@tu-dresden.de
Qualification objectives	Students have a basic knowledge of the design and implementation of complex software development processes. They are familiar with various techniques and methods in the field of analysis, design, and implementation of application systems and are able to apply these appropriately in practical development projects. In addition, students have the skills to collaborate in manageable project teams and are able to structure corresponding development projects and take on tasks in the sense of project management.	
Contents	The module covers the design and development of an application system within the framework of a complex software development project, as well as the techniques and methods of analysis, design, and implementation of application systems and their use in a project context.	
Teaching and learning methods	Project: 2 hours per week Independent study The language of the project is German The project is limited to 15 participants, selection based on the order of enrollment.	
Prerequisites for participation	Knowledge of programming at bachelor's level is required, as taught, for example, in the Programming and Databases module. The module is aimed at students who have already completed the Programming and Databases module.	
Usability	MA BWL, MA WiPäd: Field Supplementary Qualifications D Wiing, D WiInf: Field Business Information Systems The selection must be made in accordance with the examination regulations.	
Examination	Complex assesment, 90 minutes	
Workload and Credit points	150 hours, 5 credit points	
Frequency	Offered each semester	
Duration	One semester	

Supplementary Qualifications

Module number	Module name	Responsible lecturer
WW-D-551-AMDA WW-MA-551-AMDA	Advanced Methods in Data Analytics	Prof. Dr. Pascal Kerschke pascal.kerschke@tu-dresden.de
Qualification objectives	Students will be familiar with advanced data analysis methods, enabling them to analyze data in depth. Furthermore, they will be able to apply these methods and identify and resolve problems that arise. Furthermore, students will be strengthened in their personal development.	
Contents	The module covers theoretical concepts and the application of advanced data analysis methods relevant to the processing of traffic-related data. These are discussed with reference to current research.	
Teaching and learning methods	Lecture: 2 hours per week Practical: 2 hours per week Independent study The language of the module is German.	
Prerequisites for participation	The skills acquired in the Methods in Data Analytics module are required.	
Usability	MA BWL, MA WiPäd: Field Supplementary Qualifications D WiInf, D WiIng: Field Business Information Systems The selection must be made in accordance with the examination regulations.	
Examination	Written exam, 90 minutes	
Workload and Credit points	150 hours, 5 credit points	
Frequency	Offered each summer semester	
Duration	One semester	

Module number	Module name	Responsible lecturer
WW-D-402-AMVS WW-MA-402-AMVS WW-MA-PIE-AMS	Applied Multivariate Statistics	Prof. Dr. Ostap Okhrin ostap.okhrin@tu-dresden.de
Qualification objectives	Students are familiar with the most important multivariate statistical methods such as cluster analysis, regression analysis, variance analysis, discriminant analysis, and factor analysis, and can apply them to real data. They also have key qualifications in the areas of rhetoric, presentation, and presentation techniques, and possess social skills and the ability to work in a team. The program is designed to be flexible and adaptable to the needs of the students.	
Contents	The module covers the application of multivariate statistical methods to specific issues in relation to current research, as well as the basics of a free programming language for statistical calculations and graphics.	
Teaching and learning methods	Lecture: 2 hours per week Practical: 2 hours per week Independent study The language of the module is English.	
Prerequisites for participation	Knowledge of mathematics and statistics at bachelor's level is required. The following literature is suitable for preparation: Sydsæter, K.; Hammond, P.: Essential Mathematics for Economic Analysis, Financial Times Prentice Hall, Harlow, latest edition. Härdle, W., Okhrin, O., Okhrin, Y.: Basic Elements of Computational Statistics, Springer, 2017.	
Usability	MA BWL, MA WiPäd, D WiInf, D WiIng: Field Methods and Procedures MA PIE The selection must be made in accordance with the examination regulations.	
Examination	Complex assessment, 75 hours	
Workload and Credit points	150 hours, 5 credit points	
Frequency	Offered each summer semester	
Duration	One semester	

Module number	Module name	Responsible lecturer
WW-D-401-CPTR WW-MA-401-CPTR WW-MA-PIE-CPT	Cost and Prices in Transport	Dr. Stefan Tscharaktschiew stefan.tscharaktschiew@tu-dresden.de
Qualification objectives	Students understand the relationship between costs and prices in the transport sector and can assess the adequacy of typical regulations imposed on transport companies. Students are able to identify existing and future inefficiencies in various areas of the transport sector Students are able to identify existing and future inefficiencies in various areas of the transport sector and develop suitable solutions to eliminate them. Students have knowledge of welfare-optimal pricing of transport services – private transport, local public transport – as well as pricing of transport infrastructure facilities. Students have knowledge of welfare-optimal pricing of transport services – private transport, local public transport – as well as the pricing of transport infrastructure facilities. Based on this comprehensive knowledge, students have the ability to act in a socially responsible manner, as they are able to develop solutions for improving the overall social situation. Based on this comprehensive knowledge, students have the ability to act in a socially responsible manner by being able to identify, develop, and communicate solutions for improving the overall social situation in the transport sector.	
Contents	The module covers both analytical and quantitative methods required for the analysis of a wide range of transport economics and transport policy issues in the areas of individual road transport, local public transport, and air transport. This is discussed with reference to current research. The module covers both analytical and quantitative methods required for the analysis of a wide range of transport economics and transport policy issues in the areas of individual road transport, local public transport, and air transport. This is discussed with reference to current research.	
Teaching and learning methods	Lecture: 2 hours per week Practical: 2 hour per week Independent study The language of the module is English.	

Prerequisites for participation	Students enrolled in the diploma programs in Business Informatics and Industrial Engineering, as well as the master's programs in Business Administration, Public and International Economics, and Business Education, are expected to have bachelor's-level skills in empirical methods of transportation economics. For students in the Master's program in Transportation Economics, the skills to be acquired in the Methods in Transportation Policy module are required.
Usability	MA BWL: Field Supplementary Qualifications MA WiPäd, D WiInf, D WiIng: Fields Business Administration and Economics, Supplementary Qualifications MA PIE Students must choose according to the respective examination regulations. The choice is only permitted for one of the fields mentioned.
Examination	Written exam, 120 minutes
Workload and Credit points	150 hours, 5 credit points
Frequency	Offered each summer semester
Duration	One semester

Module number	Module name	Responsible lecturer
WW-D-401-CBAT WW-MA-401-CBAT WW-MA-PIE-CAT	Cost-Benefit Analysis in Transport	Dr. Stefan Tscharaktschiew stefan.tscharaktschiew@tu-dresden.de
Qualification objectives	Students are able to present the economic theory of the welfare-based assessment of transportation projects, including the multitude of cost and benefit components, and to understand these using practical examples. This enables students to systematically and theoretically analyze socio-politically relevant issues beyond the Area of transport, which strengthens their ability to make decisions and act responsibly for society as a whole.	
Contents	Detailed presentation of the possibilities of measuring and evaluating costs and benefits as well as the associated problems and difficulties. The module also addresses the question of how the measurement and evaluation of costs and benefits change when central framework conditions in the transport sector change. Current research results in transport economics are also part of the module, as are basic approaches to formalizing analyses.	
Teaching and learning methods	Lecture: 2 hours per week, Practical: 2 hours per week, Independent study The language of the module is English.	
Prerequisites for participation	Competencies in empirical methods of transportation economics at Bachelor's level.	
Usability	MA BWL: Field Supplementary Qualifications MA WiPäd, D WiInf, D WiIng: Fields Business Administration and Economics, Supplementary Qualifications MA PIE Students must choose according to the respective examination regulations. The choice is only permitted for one of the fields mentioned.	
Examination	Written exam, 120 minutes	
Workload and Credit points	150 hours, 5 credit points	
Frequency	Offered each summer semester	
Duration	One semester	

Module number	Module name	Responsible lecturer
WW-D-401-CBIT WW-MA-401-CBIT	Cost-Benefit Evaluation of Infrastructure Projects and Traffic Law	Prof. Dr. Georg Hirte georg.hirte@tu-dresden.de
Qualification objectives	Students are familiar with practical economic valuation methods in the planning of transport facilities. They are able to record legally relevant processes of movement of people, goods, and information/messages and classify them into the relevant legal categories based on the laws and regulations of transport law. Students possess social skills to grasp facts and appropriately enforce or defend claims, particularly in communicating with authorities, courts, clients, and third parties in the field of transport law. Students possess knowledge, skills, and abilities in the field of transport law. They are able to apply their knowledge to resolve minor legal cases in the areas of road traffic law, road traffic law, and railway transport law, and to assess the role of administrative jurisdiction.	
Contents	he module covers the evaluation methods of Federal Transport Infrastructure Planning (BVWP), in particular the standardized evaluation for public transport and the recommendation for economic feasibility studies on roads (EWS). Furthermore, important fundamentals of transport law are covered in the module.	
Teaching and learning methods	Lecture: 4 hours per week Independent study The language of the module is German.	
Prerequisites for participation		
Usability	MA BWL, MA WiPäd, D WiInf, D WiIng: Field Supplementary Qualifications The selection must be made in accordance with the examination regulations.	
Examination	Written exam, 120 minutes	
Workload and Credit points	150 hours, 5 credit points	
Frequency	Offered each winter semester	
Duration	One semester	

Module number	Module name	Responsible lecturer
WW-D-402-DMVS WW-MA-402-DMVS WW-MA-PIE-DDS	Data-Driven Multivariate Statistics	Prof. Dr. Ostap Okhrin ostap.okhrin@tu-dresden.de
Qualification objectives	Students will gain an in-depth understanding of data analysis, particularly of unstructured data and how to handle data sets with missing data. They will acquire strong skills in using statistical software and thus media literacy.	
Contents	The module covers non-trivial regressions, in particular with correlated residuals, non-diagonal covariance matrices, and kernel regressions, Bayesian regressions, classification methods, in particular logistic regressions, support vector machines, decision trees, random forests, boosting and bagging, missing data analysis, including missing at random and EM algorithms, as well as neural networks including deep learning.	
Teaching and learning methods	Lecture: 2 hours per week Independent study The language of the module is English.	
Prerequisites for participation	Knowledge of mathematics and statistics at bachelor's level is required. The following literature is suitable for preparation: Sydsæter, K.; Hammond, P.: Essential Mathematics for Economic Analysis, Financial Times Prentice Hall, Harlow, latest edition. Härdle, W., Okhrin, O., Okhrin, Y.: Basic Elements of Computational Statistics, Springer, 2017.	
Usability	MA BWL, MA WiPäd, D WiInf, D WiIng: Field Methods and Procedures MA PIE The selection must be made in accordance with the examination regulations.	
Examination	Written exam, 120 minutes	
Workload and Credit points	150 hours, 5 credit points	
Frequency	Offered each summer semester	
Duration	One semester	

Module number	Module name	Responsible lecturer
WW-MA-401-ERSE WW-D-401-ERSE WW-MA-PIE-ERS	Empirical Research in Spatial and Environmental Economics	Prof. Dr. Georg Hirte georg.hirte@tu-dresden.de
Qualification objectives	Students have advanced knowledge of the methods of empirical regional and environmental economic research and are able to apply them. The students have key qualifications in the areas of rhetoric, presentation and presentation techniques as well as social skills and the ability to work in a team. Furthermore, students are strengthened in their personality.	
Contents	Contents of the module are the basics of regression analysis as well as the presentation of methods of spatial economics specifically used in regional research of spatial economics. Using software and concrete regional and specific regional data, individual questions are analyzed using various methods with reference to current research.	
Teaching and learning methods	Lecture: 2 hours per week Practical: 2 hours per week Independent study The language of the module is German.	
Prerequisites for participation	Students acquire skills in the microeconomic fundamentals of spatial economics and the new economic geography Economic Geography and basic knowledge of statistics at Bachelor's level are required. For preparation, see for example: Heumann, C., Schomaker Shalab, M.: Introduction to Statistics and Data Analysis, Springer, 2016.	
Usability	MA BWL: Field Supplementary Qualifications MA WiPäd, D WiInf, D WiIng: Fields Business Administration and Economics, Supplementary Qualifications MA PIE Students must choose according to the respective examination regulations. The choice is only permitted for one of the fields mentioned.	
Examination	Term paper, 75 hours	
Workload and Credit points	150 hours, 5 credit points	
Frequency	Offered each summer semester	
Duration	One semester	

Module number	Module name	Responsible lecturer
WW-D-551-MDAN WW-MA-551-MDAN	Methods in Data Analytics	Prof. Dr. Pascal Kerschke pascal.kerschke@tu-dresden.de
Qualification objectives	Students will be familiar with basic data analysis methods. Furthermore, they will be able to apply these methods and identify and resolve any problems that may arise.	
Contents	The module covers theoretical concepts and the application of basic data analysis methods relevant to working with traffic-related data.	
Teaching and learning methods	Lecture: 2 hours per week Practical: 2 hours per week Independent study The language of the module is German.	
Prerequisites for participation	Basic knowledge of statistics and data analytics at the bachelor's level is required. The following literature is suitable for preparation: Heumann, C., Schomaker Shalab, M.: Introduction to Statistics and Data Analysis, Springer, 2016.	
Usability	MA BWL, MA WiPäd: Field Supplementary Qualifications D WiInf, D WiIng: Field Business Information Systems The selection must be made in accordance with the examination regulations.	
Examination	Written exam, 90 minutes	
Workload and Credit points	150 hours, 5 credit points	
Frequency	Offered each winter semester	
Duration	One semester	

Module number	Module name	Responsible lecturer
WW-D-401-SPEE WW-MA-401-SPEE	Spatial Economics and the Environment	Prof. Dr. Georg Hirte georg.hirte@tu-dresden.de
Qualification objectives	Students gain a sound understanding of the microeconomic structure of spatial economic models, including mobility and external effects, as well as the key models of new economic geography. They acquire the ability to analyze key regional, transport, and environmental economic issues theoretically and numerically within the framework of these approaches. This enables students to assess socially relevant problems in a spatial-economic context and to make decisions and act responsibly for society as a whole. Students have key qualifications in the areas of rhetoric, presentation and presentation techniques, as well as social skills and the ability to work in a team. Furthermore, students' personalities are strengthened. They have basic skills in using mathematical modeling software.	
Contents	The module provides an introduction to the microeconomic fundamentals of spatial economics with reference to the topics of transport, the environment, and agglomeration. Among other things, it covers the modeling of commuting and location decisions as well as external effects. Taking into account the approach of new economic geography, policy options with a spatial reference are discussed. The modeling of complex interregional relationships is carried out within the framework of general equilibrium models using a software-based algebraic modeling language for mathematical optimization. The content is based on current regional economic research findings.	
Teaching and learning methods	Lecture: 2 hours per week Practical: 2 hour per week Independent study The language of the module is English.	
Prerequisites for participation	Knowledge of microeconomics and statistics at bachelor's level is required. The following literature is recommended for preparation: Varian, Hal R.: Intermediate Microeconomics: A Modern Approach, Norton, New York, latest edition.	
Usability	MA BWL, MA WiPäd, D WiInf, D WiIng: Field Supplementary Qualifications The selection must be made in accordance with the examination regulations.	
Examination	Complex assesment, 75 hours	
Workload and Credit points	150 hours, 5 credit points	
Frequency	Offered each winter semester	
Duration	One semester	

Module number	Module name	Responsible lecturer
WW-D-402-THMS WW-MA-402-THMS WW-MA-PIE-TMS	Theoretical Multivariate Statistics	Prof. Dr. Ostap Okhrin ostap.okhrin@tu-dresden.de
Qualification objectives	Students can apply frequently used methods in practice and describe multivariate data. Students are familiar with and understand the following topics and methods: matrix algebra, regression analysis, simple variance analysis, general and specific multivariate distributions, copulas, theory of multivariate normal distribution, estimation theory, and hypothesis testing. Furthermore, students master mathematical and statistical fundamentals and are able to understand other statistical methods, such as cluster analysis and principal component analysis.	
Contents	The module covers mathematical and statistical fundamentals, methods of theoretical multivariate statistics and their analysis methods such as matrix algebra, regression analysis, simple variance analysis, general and specific multivariate distributions, copulas, theory of multivariate normal distribution, estimation theory and hypothesis testing, as well as cluster analysis and principal component analysis.	
Teaching and learning methods	Lecture: 2 hours per week Practical: 2 hours per week Independent study The language of the module is English.	
Prerequisites for participation	Knowledge of mathematics and statistics at bachelor's level is required. The following literature is suitable for preparation: Sydsaeter, K.; Hammond, P.: Essential Mathematics for Economic Analysis, Financial Times Prentice Hall, Harlow, latest edition. Härdle, W., Okhrin, O., Okhrin, Y.: Basic Elements of Computational Statistics, Springer, 2017.	
Usability	MA BWL, MA WiPäd, D WiInf, D WiIng: Field Methods and Procedures MA PIE The selection must be made in accordance with the examination regulations.	
Examination	Written exam, 120 minutes	
Workload and Credit points	150 hours, 5 credit points	
Frequency	Offered each winter semester	

Duration	One semester
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Module number	Module name	Responsible lecturer
WW-D-405-TREC WW-MA-405-TREC	Transport Ecology	Prof. Udo J. Becker udo.becker@tu-dresden.de
Qualification objectives	Students can describe the impacts of transport on the environment and identify and classify dynamic effects and interactions. They are able to calculate fuel consumption and CO2 emissions for transport modes and determine noise assessment levels for transport modes. Students can present and evaluate arguments, concepts, and dependencies in the context of internalizing external effects. They can derive appropriate definitions for transport-ecological issues.	
Contents	The module focuses on energy and fuel consumption in transport, air pollution, exhaust emissions, noise emissions, greenhouse gas emissions from transport, environmental assessments, life cycle assessments, and externalities.	
Teaching and learning methods	Lecture: 2 hours per week Seminar: 2 hours per week Independent study The language of the module is German.	
Prerequisites for participation		
Usability	MA BWL, MA WiPäd, D WiInf, D WiIng: Field Supplementary Qualifications The selection must be made in accordance with the examination regulations.	
Examination	Written exam, 90 minutes	
Workload and Credit points	150 hours, 5 credit points	
Frequency	Offered each winter semester	
Duration	One semester	

Module number	Module name	Responsible lecturer
WW-MA-401-UBEC WW-D-401-UBEC WW-MA-PIE-UEC	Urban Economics	Prof. Dr. Georg Hirte georg.hirte@tu-dresden.de
Qualification objectives	Students have a sound understanding of the key approaches and issues in urban economics. They have the ability to numerically examine and analyze urban economic issues within the framework of these approaches. Students have key qualifications in the areas of rhetoric, presentation, and presentation techniques, as well as social skills and teamwork. The knowledge acquired The knowledge acquired promotes students' ability to act in a socially responsible manner by enabling them to classify possible urban economic measures on a scientific basis and evaluate their potential contribution to improving the overall social situation. Furthermore, students' personalities are strengthened. The program is designed to promote the development of students' personalities.	
Contents	The module covers the theoretical foundations of urban economics and the analysis of the effects of policy measures in the urban environment. The focus is on housing construction and land use regulation, transport in urban areas, agglomeration effects, external caused by emissions, environmental effects, and urban economic issues in the context of developing countries. These socially relevant issues are addressed in a scientific context with reference to research.	
Teaching and learning methods	Lecture: 2 hours per week Practical: 2 hour per week Independent study The language of the module is German.	
Prerequisites for participation	Competencies in microeconomic fundamentals of spatial economics and the New Economic Geography.	
Usability	MA BWL, MA WiPäd, D WiInf, D WiIng: Fields Business Administration and Economics, Supplementary Qualifications MA PIE Students must choose according to the respective examination regulations. The choice is only permitted for one of the fields mentioned.	
Examination	Term paper, 75 hours	

Workload and Credit points	150 hours, 5 credit points
Frequency	Offered each summer semester
Duration	One semester

Foreign Languages

Module number	Module name	Responsible lecturer
WW-MA-PIE-GLSB2	German Language Skills Basics	Ute Meyer ute.meyer@tu-dresden.de
Qualification objectives	Students have a basic communicative competence in German at level A2 of the Common European Framework of Reference for Languages. They can grasp slowly and clearly articulated concrete information on everyday topics. They understand simple and short texts relating to regular and professional experience in a readable manner in terms of syntax, semantics, lexical and morphology, if the vocabulary is limited to frequently occurring and internationally understandable words. Moreover, they are able to follow short, simple conversations and straightforward presentations to a large extent, react appropriately if the topic is familiar, and describe their environment orally and in writing using simple phrases and sentences.	
Contents	Simple texts on everyday situations and specific topics, especially in a university environment, simple presentations and original documents, e.g., announcements, interviews, short audio and video sequences, relevant reading and listening strategies, simple grammatical structures and appropriate vocabulary and various forms of work with different media.	
Teaching and learning methods	Language course: 4 hours per week Independent study	
Prerequisites for participation	German language skills at level A1 of the Common European Framework of Reference for Languages.	
Usability		
Examination	Language test, 105 minutes	
Workload and Credit points	150 hours, 5 credit points	
Frequency	Offered each winter semester	
Duration	One semester	

Module number	Module name	Responsible lecturer
WW-MA-PIE-GLSB1	German Language Skills Beginners	Ute Meyer ute.meyer@tu-dresden.de
Qualification objectives	Students have elementary language skills in German at level A1 of the Common European Framework of Reference for Languages. Students can slowly and clearly articulate concrete information on familiar everyday topics, understand simple and short texts in terms of syntax, semantics, lexis and morphology by reading with a focus on keywords, infer the meaning of unknown concrete terms from the context, use simple expressions to talk about their environment and respond appropriately to simple questions.	
Contents	Very simple texts and listening texts on everyday situations, especially in a university environment, elementary oral and written text production and interaction, relevant reading and listening strategies, simple grammatical structures and appropriate vocabulary and various forms of work, also with different media.	
Teaching and learning methods	Language course: 4 hours per week Independent study	
Prerequisites for participation	None	
Usability		
Examination	Language test, 105 minutes	
Workload and Credit points	150 hours, 5 credit points	
Frequency	Offered each semester	
Duration	One semester	