

**Faculty of Business and Economics**  
**Modules open to Erasmus students**  
**Master's Level**  
(published Summer 2025)

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## Business Management Advanced

Marketing Science .....	5
Marktforschung .....	6
Inventory Management .....	7
Case Studies in Innovative & Sustainable Business .....	8
Value-based Management .....	9
Nachhaltigkeitscontrolling .....	10
Strategic Sustainability Management .....	11
IM Challenge .....	12
Operations Research Vertiefung .....	13
Simulation und Modellierung .....	14
Umweltorientierte Produktionsplanung .....	15
Relationship Marketing .....	16
Finanzderivate und Optionen .....	17
Financial Technology .....	18
Space Economics .....	19
Topics in Empirical Finance .....	20
Advanced International Financial Reporting .....	21
Regulierung und Ökonomie der Rechnungslegung .....	22
Beschaffungsmanagement .....	23
Supply Chain Management – Vertiefung .....	24
Finanzieren mit Venture Capital .....	25
Technology Management .....	26
Elektrizitätswirtschaft .....	27
Power System Economics .....	29
Risikoquantifizierung und -management in der Energiewirtschaft .....	31
Ressourcenökonomie und Umweltpolitik .....	32
Aktuelle Fragen des organisationalen Lernens .....	34
Ausgewählte Fragen des Personalmanagements .....	36
Aktuelle Fragen in der Theorie und Praxis der kaufmännischen Aus- und Weiterbildung .....	37
Aktuelle Herausforderungen des Personalmanagements .....	38
Aktuelle Themen der Wirtschaftspädagogik .....	39
Lernen im Prozess der Arbeit .....	40
Spezielle Themen des Personalmanagements .....	42
Wirtschaftsdidaktik im Spannungsfeld von Theorie und Praxis .....	43
Angewandte Datenerhebung im Marketing .....	44

Applied Technologies in Logistics .....	45
Businessplanseminar .....	46
Management and Organization Theory .....	47
Marketing Literature Review .....	48
Multidisciplinary Perspectives of Sustainability .....	49
Prüfungslehre .....	50
Ressourcenmanagement .....	51
Scheduling .....	52
Studienprojekte im Nachhaltigkeitsmanagement .....	53
Studienprojekte in der Energiewirtschaft .....	54
Unternehmensbewertung und wertorientiertes Controlling .....	55
Unternehmensethik .....	56
Wirtschaftswissenschaftliche Anwendungen mit R .....	57
<b>Economics Advanced</b>	
Economics of Migration .....	58
Principles of Economic Theory .....	59
Spieltheorie .....	60
Topics in Economic Policy .....	61
Development Economics .....	62
Empirical Economics .....	63
Empirical Research Task .....	64
Topics in International Economics .....	65
Current Topics in International Monetary Economics .....	66
Exchange Rates .....	67
International Financial Markets .....	68
Financial Stability and Regulation of Financial Markets .....	69
Advanced Topics in Applied Econometrics .....	70
Topics in Policy Evaluation .....	71
Current Topics in Public Economics .....	72
Economics of the Welfare State .....	73
International Public Economics .....	74
Theory of Taxation .....	75
Evaluierung von Gesundheitsleistungen .....	76
Microeconometrics .....	77
Zeitreihenökonometrie .....	78
Current Topics in Empirical Economic Research .....	79

Introduction to Geographic Information Systems .....	80
Microeconomic Perspectives on Development Economics.....	81
Computable General Equilibrium Analysis .....	82
Principles of Public and International Economics .....	83
Aktuelle Fragen der Ökonometrie .....	84
Empirical Labor Economics.....	85
Interdisciplinary Seminar on Health Economics .....	86
<b>Business Information Systems Advanced</b>	
Aktuelle Themen der Informationssysteme in Industrie und Handel .....	87
Health Care Management.....	88
Aktuelle Themen des Informationsmanagements .....	89
ERP-gestützte Geschäftsprozesse .....	90
ERP-Planspiel .....	92
Gestaltungsansätze der Business Processes and Systems .....	94
Aktuelle Themen des Business Engineerings.....	95
Data Visualization.....	96
Digital Business Engineering .....	97
Data-Driven Business Models .....	98
<b>Business Education and Management Training Advanced</b>	
Multimediales Lernen.....	99

## Business Management Advanced

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
<b>Qualification objectives</b>	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.	
<b>Contents</b>	The module covers various current research approaches as well as methods and results in the field of marketing.	
<b>Teaching and learning methods</b>	Lecture: 3 hours per week Self-study The language of the module is German.	
<b>Prerequisites for participation</b>	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.	
<b>Usability</b>	The module is a compulsory elective module in the Master's degree programme in Business Administration, which is assigned to the field of Business Administration. It is also an elective module in the Master's degree programme in Business Education and in the Diploma programmes in Business Informatics and Industrial Engineering, which is assigned to the field of Business and Economics. It is to be elected in accordance with the examination regulations.	
<b>Examination</b>	Written exam, 60 minutes	
<b>Workload and Credit points</b>	150 hours, 5 credit points	
<b>Frequency</b>	Offered each summer semester	
<b>Duration</b>	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
<b>Qualification objectives</b>	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.	
<b>Contents</b>	The contents of the module are the basics of market research as well as methods of data analysis (in particular multivariate analysis methods).	
<b>Teaching and learning methods</b>	Lecture: 2 hours per week Exercise: 1 hour per week Self-study The language of the module is German.	
<b>Prerequisites for participation</b>	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.	
<b>Usability</b>	The module is a compulsory elective module in the Master's degree programme in Business Administration, which is assigned to the field of Business Administration. It is also an elective module in the Master's degree programme in Business Education and in the Diploma programmes in Business Informatics and Industrial Engineering, which is assigned to the field of Business and Economics. It is to be elected in accordance with the examination regulations.	
<b>Examination</b>	Written exam, 60 minutes	
<b>Workload and Credit points</b>	150 hours, 5 credit points	
<b>Frequency</b>	Offered each winter semester	
<b>Duration</b>	One semester	

Module number	Module name	Responsible lecturer
WW-D-103-INMA WW-MA-103-INMA	Inventory Management	Prof. Dr. Udo Buscher udo.buscher@tu-dresden.de
<b>Qualification objectives</b>	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.	
<b>Contents</b>	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.	
<b>Teaching and learning methods</b>	Lecture: 2 hours per week Exercise: 2 hours per week Self-study The language of the module is English.	
<b>Prerequisites for participation</b>	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.	
<b>Usability</b>	The module is a compulsory elective module in the Master's degree programme in Business Administration, which is assigned to the field of Business Administration. It is also an elective module in the Master's degree programme in Business Education and in the Diploma programmes in Business Informatics and Industrial Engineering, which is assigned to the field of Business and Economics. It is to be elected in accordance with the examination regulations.	
<b>Examination</b>	More than three registered students: exam, 90 minutes Up to three registered students: non-public oral examination, 20 minutes duration as an individual examination	
<b>Workload and Credit points</b>	150 hours, 5 credit points	
<b>Frequency</b>	Offered each winter semester	
<b>Duration</b>	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 peter.schaefer@tu-dresden.de
<b>Qualification objectives</b>	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.	
<b>Contents</b>	The content of the module is relevant, current practical problems from innovative or sustainable corporate management.	
<b>Teaching and learning methods</b>	Seminar: 4 hours per week Self-study The language of the module is German.	
<b>Prerequisites for participation</b>	Basic knowledge of investment calculation at Bachelor's level is required.	
<b>Usability</b>	The module is an elective module in the Master's degree program in Business Administration, which is assigned to the areas of Business Administration and Presentation and Discussion. It is a compulsory elective module in the Master's degree programme in Business and Business Education, which is assigned to the field of Business and Economics. It is also an elective module in the diploma programs Business Informatics and Industrial Engineering, which is assigned to the areas of Economics and Presentation and Discussion. It is to be chosen in accordance with the respective examination regulations. The election is only permissible for one of the areas mentioned.	
<b>Examination</b>	Complex assesment, 30 hours	
<b>Workload and Credit points</b>	150 hours, 5 credit points	
<b>Frequency</b>	Offered each summer semester	
<b>Duration</b>	One semester	



Module number	Module name	Responsible lecturer
WW-D-101-VBMA WW-MA-101-VBMA	Value-based Management	Prof. Dr. Peter Schäfer peter.schaefer@tu-dresden.de
<b>Qualification objectives</b>	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.	
<b>Contents</b>	The module focuses on incentive and key figure systems, remuneration systems, value creation and residual profit.	
<b>Teaching and learning methods</b>	Lecture: 2 hours per week Exercise: 2 hours per week Self-study The language of the module is English.	
<b>Prerequisites for participation</b>	Basic knowledge of external accounting, cost accounting and investment accounting at Bachelor's level is required.	
<b>Usability</b>	The module is a compulsory elective module in the Master's degree programme in Business Administration, which is assigned to the field of Business Administration. It is also an elective module in the Master's degree programme in Business Education and in the Diploma programmes in Business Informatics and Industrial Engineering, which is assigned to the field of Business and Economics. It is to be elected in accordance with the examination regulations.	
<b>Examination</b>	Written exam, 120 minutes	
<b>Workload and Credit points</b>	150 hours, 5 credit points	
<b>Frequency</b>	Offered each summer semester	
<b>Duration</b>	One semester	

Module number	Module name	Responsible lecturer
WW-D-102-NHCO WW-MA-102-NHCO	Nachhaltigkeitscontrolling	Prof. Dr. Remmer Sassen lehre_bu@mailbox.tu-dresden.de
<b>Qualification objectives</b>	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.	
<b>Contents</b>	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	
<b>Teaching and learning methods</b>	Lecture: 2 hours per week Tutorial: 1 hour per week Self-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.	
<b>Prerequisites for participation</b>	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.	
<b>Usability</b>	The module is a compulsory elective module in the Master's degree pro-gramme in Business Administration, which is assigned to the field of Business Administration. It is also an elective module in the Master's de-gree programme in Business Education and in the Diploma programmes in Business Informatics and Industrial Engineering, which is assigned to the field of Business and Economics. It is to be elected in accordance with the examination regulations	
<b>Examination</b>	Written exam, 60 minutes	
<b>Workload and Credit points</b>	150 hours, 5 credit points	
<b>Frequency</b>	Offered each summer semester	
<b>Duration</b>	One semester	

Module number	Module name	Responsible lecturer
WW-D-102-STSM WW-MA-102-STSM WW-MA-PIE-SSM	Strategic Sustainability Management	Dr. Remmer Sassen lehre_bu@mailbox.tu-dresden.de
<b>Qualification objectives</b>	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.	
<b>Contents</b>	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.	
<b>Teaching and learning methods</b>	Lecture: 1 hour per week Tutorial: 1 hour per week Self-study The language of the module is English.	
<b>Prerequisites for participation</b>	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.	
<b>Usability</b>	The module is a compulsory elective module in the Master's degree programme in Business Administration, which is assigned to the field of Business Administration. It is also an elective module in the Master's degree programme in Business Education and in the Diploma programmes in Business Informatics and Industrial Engineering, which is assigned to the field of Business and Economics. The module is a Wahlpflichtmodul. Es in the Master's degree programme in Public and International Economics and is to be chosen in accordance with the examination regulations.	
<b>Examination</b>	Combined term paper, 90 hours	
<b>Workload and Credit points</b>	150 hours, 5 credit points	
<b>Frequency</b>	Offered each winter semester	
<b>Duration</b>	One semester	

Module number	Module name	Responsible lecturer
WW-D-103-IMCH WW-MA-103-IMCH	IM Challenge	Prof. Dr. Udo Buscher udo.buscher@tu-dresden.de
<b>Qualification objectives</b>	After completing the module, students will be able to understand and analyze practice-relevant planning problems from production or logistics. They can independently design suitable solution methods in groups and use them to develop a tool for automated planning support. In addition, students can present and discuss their results in an understandable way.	
<b>Contents</b>	The contents of the module are various problems from the operational practice of industrial management as well as solution concepts for auto-mated planning support.	
<b>Teaching and learning methods</b>	Project: 4 hours per week Self-study The language of the module is German.	
<b>Prerequisites for participation</b>	Knowledge of Operations and Logistics Management and Operations Research at Bachelor's level is required.	
<b>Usability</b>	<p>The module is an elective module in the Master's degree programme in Business Administration, which is assigned to the areas of Business Administration, Methods and Procedures as well as Supplementary Qualifications. It is also an elective module in the Master's degree programme in Business and Economics Education, which is assigned to the areas of Economics, Methods and Procedures as well as Supplementary Qualifications. It is an elective module in the diploma programs Business Informatics and Industrial Engineering, which is assigned to the areas of Economics, Methods and Procedures as well as Business Informatics.</p> <p>It is to be chosen in accordance with the respective examination regulations. The election is only permissible for one of the areas mentioned.</p>	
<b>Examination</b>	Complex assesment,180 hours	
<b>Workload and Credit points</b>	300 hours, 10 credit points	
<b>Frequency</b>	Offered each summer semester	
<b>Duration</b>	One semester	

Module number	Module name	Responsible lecturer
WW-D-103-ORVT WW-MA-103-ORVT	Operations Research Vertiefung	Prof. Dr. Udo Buscher udo.buscher@tu-dresden.de
<b>Qualification objectives</b>	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.	
<b>Contents</b>	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.	
<b>Teaching and learning methods</b>	Lecture: 2 hours per week Exercise: 2 hours per week Self-study The language of the module is German.	
<b>Prerequisites for participation</b>	The competencies to be acquired in the Methods of Operations Research module are required.	
<b>Usability</b>	The module is an elective module in the Master's degree programmes in Business Administration and Business Education as well as in the Diplo-ma programmes in Business Informatics and Industrial Engineering, which is assigned to the area of Methods and Procedures. It is to be elected in accordance with the examination regulations.	
<b>Examination</b>	More than nine registered students: exam, 90 minutes Up to nine registered students: non-public oral examination, 20 minutes duration as an individual examination	
<b>Workload and Credit points</b>	150 hours, 5 credit points	
<b>Frequency</b>	Offered each summer semester	
<b>Duration</b>	One semester	

Module number	Module name	Responsible lecturer
WW-D-103-SIMO WW-MA-103-SIMO	Simulation und Modellierung	Prof. Dr. Udo Buscher udo.buscher@tu-dresden.de
<b>Qualification objectives</b>	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.	
<b>Contents</b>	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.	
<b>Teaching and learning methods</b>	Lecture: 2 hours per week Exercise: 1,5 hours per week Self-study The language of the module is German.	
<b>Prerequisites for participation</b>	Knowledge of programming as well as calculus and linear algebra at Bachelor's level is required.	
<b>Usability</b>	The module is an elective module in the Master's degree programmes in Business Administration and Business Education as well as in the Diploma programmes in Business Informatics and Industrial Engineering, which is assigned to the area of Methods and Procedures. It is to be elected in accordance with the examination regulations.	
<b>Examination</b>	Complex assesment, 90 hours	
<b>Workload and Credit points</b>	150 hours, 5 credit points	
<b>Frequency</b>	Offered each winter semester	
<b>Duration</b>	One semester	

Module number	Module name	Responsible lecturer
WW-D-103-UOPP WW-MA-103-UOPP	Umweltorientierte Produktionsplanung	Prof. Dr. Udo Buscher udo.buscher@tu-dresden.de
<b>Qualification objectives</b>	The students understand production systems as input-output systems. They are able to model production economic facts with production functions, integrate environmentally relevant by-products and uncover the cost- and environment-related effects along the supply chain.	
<b>Contents</b>	The content of the module is basic concepts of production and cost theory, substitutional production functions, limitation production functions, Gutenberg production function and dismantling planning.	
<b>Teaching and learning methods</b>	Lecture: 2 hours per week Exercise: 2 hours per week Self-study The language of the module is German.	
<b>Prerequisites for participation</b>	Knowledge of business production theory and logistics at Bachelor's level is required.	
<b>Usability</b>	The module is a compulsory elective module in the Master's degree programme in Business Administration, which is assigned to the field of Business Administration. It is also an elective module in the Master's degree programme in Business Education and in the Diploma programmes in Business Informatics and Industrial Engineering, which is assigned to the field of Business and Economics. It is to be elected in accordance with the examination regulations.	
<b>Examination</b>	More than three registered students: exam, 90 minutes Up to three registered students: non-public oral examination, 20 minutes duration as an individual examination	
<b>Workload and Credit points</b>	150 hours, 5 credit points	
<b>Frequency</b>	Offered each summer semester	
<b>Duration</b>	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
<b>Qualification objectives</b>	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.	
<b>Contents</b>	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.	
<b>Teaching and learning methods</b>	Lecture: 2 hours per week Self-study The language of the module is German.	
<b>Prerequisites for participation</b>	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.	
<b>Usability</b>	The module is a compulsory elective module in the Master's degree programme in Business Administration, which is assigned to the field of Business Administration. It is also an elective module in the Master's degree programme in Business Education and in the Diploma programmes in Business Informatics and Industrial Engineering, which is assigned to the field of Business and Economics. It is to be elected in accordance with the examination regulations.	
<b>Examination</b>	Written exam, 60 minutes	
<b>Workload and Credit points</b>	150 hours, 5 credit points	
<b>Frequency</b>	Offered each winter semester	
<b>Duration</b>	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
<b>Qualification objectives</b>	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.	
<b>Contents</b>	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.	
<b>Teaching and learning methods</b>	Lecture: 2 hours per week Exercise: 2 hours per week Self-study The language of the module is German.	
<b>Prerequisites for participation</b>	Knowledge of annual financial statements, investment and financing at Bachelor's level is required.	
<b>Usability</b>	The module is a compulsory elective module in the Master's degree programme in Business Administration, which is assigned to the field of Business Administration. It is also an elective module in the Master's degree programme in Business Education and in the Diploma programmes in Business Informatics and Industrial Engineering, which is assigned to the field of Business and Economics. It is to be elected in accordance with the examination regulations.	
<b>Examination</b>	Written exam, 60 minutes	
<b>Workload and Credit points</b>	150 hours, 5 credit points	
<b>Frequency</b>	Offered each winter semester	
<b>Duration</b>	One semester	

Module number	Module name	Responsible lecturer
WW-D-105-FITE WW-MA-105-FITE MA-WW-PIE-FTE	Financial Technology	Prof. Dr. Lars Hornuf arite.schrehardt@tu-dresden.de
<b>Qualification objectives</b>	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.	
<b>Contents</b>	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.	
<b>Teaching and learning methods</b>	Lecture: 2 hours per week Self-study The language of the module is German.	
<b>Prerequisites for participation</b>	Knowledge of annual financial statements, investment and financing at Bachelor's level is required.	
<b>Usability</b>	The module is a compulsory elective module in the Master's degree programme in Business Administration, which is assigned to the field of Business Administration. It is also an elective module in the Master's degree programme in Business Education and in the Diploma programmes in Business Informatics and Industrial Engineering, which is assigned to the field of Business and Economics. The module is a compulsory elective module in the Master's programme in Public and International Economics. It is to be elected in accordance with the examination regulations.	
<b>Examination</b>	Written exam, 60 minutes	
<b>Workload and Credit points</b>	150 hours, 5 credit points	
<b>Frequency</b>	Offered each winter semester	
<b>Duration</b>	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
<b>Qualification objectives</b>	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.	
<b>Contents</b>	The module focuses on business models, financing structures and innovation processes in the established space sector and the New Space Economy.	
<b>Teaching and learning methods</b>	Lecture: 2 hours per week Self-study The language of the module is German.	
<b>Prerequisites for participation</b>	Knowledge of annual financial statements, investment and financing at Bachelor's level is required.	
<b>Usability</b>	The module is a compulsory elective module in the Master's degree programme in Business Administration, which is assigned to the field of Business Administration. It is also an elective module in the Master's degree programme in Business Education and in the Diploma programmes in Business Informatics and Industrial Engineering, which is assigned to the field of Business and Economics. It is to be elected in accordance with the examination regulations.	
<b>Examination</b>	Written exam, 60 minutes	
<b>Workload and Credit points</b>	150 hours, 5 credit points	
<b>Frequency</b>	Offered each summer semester	
<b>Duration</b>	One semester	

Module number	Module name	Responsible lecturer
WW-D-105-TEFI WW-MA-105-TEFI MA-WW-PIE-TEF	Topics in Empirical Finance	Prof. Dr. Lars Hornuf arite.schrehardt@tu-dresden.de
<b>Qualification objectives</b>	Students can develop their own research designs and plan for implementation.	
<b>Contents</b>	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.	
<b>Teaching and learning methods</b>	Seminar: 2 hours per week Self-study The language of the module is English.	
<b>Prerequisites for participation</b>	Knowledge of annual financial statements, investment and financing at Bachelor's level is required.	
<b>Usability</b>	<p>The module is an elective module in the Master's degree program in Business Administration, which is assigned to the areas of Business Administration and Presentation and Discussion. It is also a compulsory elective module in the Master's degree programme in Business and Economics that is assigned to the field of Business and Economics. It is an elective module in the diploma programs Business Informatics and Industrial Engineering, which is assigned to the areas of Economics and Presentation and Discussion. The module is a compulsory elective module in the Master's programme in Public and International Economics.</p> <p>It is to be chosen in accordance with the respective examination regulations. The election is only permissible for one of the areas mentioned.</p>	
<b>Examination</b>	Combined term paper, 40 hours	
<b>Workload and Credit points</b>	150 hours, 5 credit points	
<b>Frequency</b>	Offered each summer semester	
<b>Duration</b>	One semester	

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@mailbox.tu-dresden.de
<b>Qualification objectives</b>	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.	
<b>Contents</b>	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.	
<b>Teaching and learning methods</b>	Lecture: 2 hours per week Self-study The language of the module is English.	
<b>Prerequisites for participation</b>	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.	
<b>Usability</b>	The module is a compulsory elective module in the Master's degree pro-gramme in Business Administration, which is assigned to the field of Business Administration. It is also an elective module in the Master's de-gree programme in Business Education and in the Diploma programmes in Business Informatics and Industrial Engineering, which is assigned to the field of Business and Economics. The module is a compulsory elective module in the Master's programme in Public and International Econom-ics. It is to be elected in accordance with the examination regulations.	
<b>Examination</b>	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	
<b>Workload and Credit points</b>	150 hours, 5 credit points	
<b>Frequency</b>	Offered each winter semester	
<b>Duration</b>	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@mailbox.tu-dresden.de
<b>Qualification objectives</b>	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.	
<b>Contents</b>	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.	
<b>Teaching and learning methods</b>	Lecture: 2 hours per week Exercise: 1 hour per week Self-study The language of the module is German.	
<b>Prerequisites for participation</b>	Basic knowledge of accounting, annual financial statements, investment and financing as well as linear algebra at Bachelor's level is required.	
<b>Usability</b>	The module is a compulsory elective module in the Master's degree programme in Business Administration, which is assigned to the field of Business Administration. It is also an elective module in the Master's degree programme in Business Education and in the Diploma programmes in Business Informatics and Industrial Engineering, which is assigned to the field of Business and Economics. It is to be elected in accordance with the examination regulations.	
<b>Examination</b>	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	
<b>Workload and Credit points</b>	150 hours, 5 credit points	
<b>Frequency</b>	Offered each winter semester	
<b>Duration</b>	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
<b>Qualification objectives</b>	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.	
<b>Contents</b>	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.	
<b>Teaching and learning methods</b>	Lecture: 2 hours per week Exercise: 2 hours per week Self-study The language of the module is German.	
<b>Prerequisites for participation</b>	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.	
<b>Usability</b>	The module is a compulsory elective module in the Master's degree pro-gramme in Business Administration, which is assigned to the field of Business Administration. It is also an elective module in the Master's de-gree programme in Business Education and in the Diploma programmes in Business Informatics and Industrial Engineering, which is assigned to the field of Business and Economics. It is to be elected in accordance with the examination regulations.	
<b>Examination</b>	Complex assesment, 15 hours	
<b>Workload and Credit points</b>	150 hours, 5 credit points	
<b>Frequency</b>	Offered each winter semester	
<b>Duration</b>	One semester	

Module number	Module name	Responsible lecturer
WW-D-112-SCMV WW-MA-112-SCMV	Supply Chain Management – Vertiefung	Prof. Dr. Rainer Lasch logistik@mailbox.tu-dresden.de
<b>Qualification objectives</b>	Students are able to discuss and present the basics of after-sales management as well as its potential benefits and problems. They can reflect the processes, goals, costs, tasks and strategies of maintenance logistics. Furthermore, they understand the objects and objectives of reverse and disposal logistics and can name the framework conditions for the design of disposal logistics systems. Students will be able to indicate, describe and explain modern methods for rationalising logistical processes as well as modern information structures and ways to implement them in logistical information systems. Upon completion of the module, students will be able to explain methodological and instrumental foundations of process-oriented business modeling as well as the methods and instruments used to plan, design, and control complex logistics systems.	
<b>Contents</b>	The module consists of content on value creation networks, methods for streamlining logistics processes, risk management in the supply chain, electronic procurement, telematics in road freight transport, cloud computing in logistics, logistics in after-sales management and reverse logistics.	
<b>Teaching and learning methods</b>	Lecture: 3 hours per week Self-study The language of the module is German.	
<b>Prerequisites for participation</b>	Knowledge of accounting, business administration, organization, marketing, sustainable corporate management, annual financial statements, investment, financing, production and logistics at Bachelor's level is required.	
<b>Usability</b>	The module is a compulsory elective module in the Master's degree programme in Business Administration, which is assigned to the areas of Business Administration and Supplementary Qualifications. It is also an elective module in the Master's degree programme in Business Education and in the Diploma programmes in Business Informatics and Industrial Engineering, which is assigned to the areas of Business and Economics and Supplementary Qualifications. It is to be elected in accordance with the examination regulations. The election is only permissible for one of the areas mentioned.	
<b>Examination</b>	Written exam, 120 minutes	
<b>Workload and Credit points</b>	150 hours, 5 credit points	
<b>Frequency</b>	Offered each summer semester	
<b>Duration</b>	One semester	



Module number	Module name	Responsible lecturer
WW-D-113-FIVC WW-MA-113-FIVC	Finanzieren mit Venture Capital	Prof. Dr. Michael Schefczyk mandy.windisch@tu-dresden.de
<b>Qualification objectives</b>	The students know and understand the business model of venture capital financing of growth-oriented companies and the perspectives of investors, companies seeking capital as well as advisory or regulatory institutions. You will be able to apply this knowledge to relevant practice-related issues in a situation-appropriate manner and will be able in particular to make investment decisions and select building blocks for a participation agreement.	
<b>Contents</b>	The central contents of the module are the basics of equity financing for growth-oriented companies and the various roles and goals of the players in the venture capital market – in particular the investors, the companies seeking capital and the state. Other areas of focus can be: corporate venture capital and syndication as financing models, performance measurement and the legal framework of venture capital.	
<b>Teaching and learning methods</b>	Lecture: 2 hours per week Project: 2 hours per week Self-study The language of the module is German.	
<b>Prerequisites for participation</b>	Bachelor's level of business knowledge is required.	
<b>Usability</b>	The module is a compulsory elective module in the Master's degree programme in Business Administration, which is assigned to the field of Business Administration. It is also an elective module in the Master's degree programme in Business Education and in the Diploma programmes in Business Informatics and Industrial Engineering, which is assigned to the field of Business and Economics. It is to be elected in accordance with the examination regulations.	
<b>Examination</b>	Complex assesment, 90 hours	
<b>Workload and Credit points</b>	300 hours, 10 credit points	
<b>Frequency</b>	Offered each summer semester	
<b>Duration</b>	One semester	

Module number	Module name	Responsible lecturer
WW-D-113-TEMA WW-MA-113-TEMA MA-WW-PIE-TMA	Technology Management	Prof. Dr. Michael Schefczyk mandy.windisch@tu-dresden.de
<b>Qualification objectives</b>	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.	
<b>Contents</b>	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.	
<b>Teaching and learning methods</b>	Project: 2 hours per week Self-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.	
<b>Prerequisites for participation</b>	Knowledge of business administration, organization, marketing, sustainable corporate management, annual financial statements, investment and financing at bachelor's level as well as basic knowledge of innovation and product management are required.	
<b>Usability</b>	The module is a compulsory elective module in the Master's degree programme in Business Administration, which is assigned to the field of Business Administration. It is also an elective module in the Master's degree programme in Business Education and in the Diploma programmes in Business Informatics and Industrial Engineering, which is assigned to the field of Business and Economics. The module is a compulsory elective module in the Master's programme in Public and International Economics. It is to be elected in accordance with the examination regulations.	
<b>Examination</b>	Complex assessment, 90 hours	
<b>Workload and Credit points</b>	150 hours, 5 credit points	
<b>Frequency</b>	Offered each winter semester	
<b>Duration</b>	One semester	

Module number	Module name	Responsible lecturer
WW-D-114-ELWI WW-MA-114-ELWI WW-MA-PIE-EWI	Elektrizitätswirtschaft	Prof. Dr. Dominik Möst ee2@mailbox.tu-dresden.de
<b>Qualification objectives</b>	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-ing. Students are able to mathematically set up and implement basic op-timization models from the field of operations research.	
<b>Contents</b>	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.	
<b>Teaching and learning methods</b>	Lecture: 2 hours per week Exercise: 2 hours per week Seminar: 2 hours per week Self-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.	
<b>Prerequisites for participation</b>	Knowledge of energy economics at Bachelor's level is required.	
<b>Usability</b>	The module is a compulsory elective module in the Master's degree programme in Business Administration, which is assigned to the areas of Business Administration and Supplementary Qualifications. It is also an elective module in the Master's degree programme in Business Education and in the Diploma programmes in Business Informatics and Industrial Engineering, which is assigned to the areas of Business and Economics and Supplementary Qualifications. The module is a compulsory elective module in the Master's programme in Public and International Economics. It is to be elected in accordance with the examination regulations. The election is only permissible for one of the areas mentioned.	

<b>Examination</b>	Portfolio, 90 hours
<b>Workload and Credit points</b>	300 hours, 10 credit points
<b>Frequency</b>	Offered each winter semester
<b>Duration</b>	One semester

Module number	Module name	Responsible lecturer
WW-MA-PIE-EWI	Power System Economics	Prof. Dr. Dominik Möst ee2@mailbox.tu-dresden.de
<b>Qualification objectives</b>	Students are able to reproduce basic terms, definitions, concepts and methods of the electricity industry and name re-lementary parameters of the electricity industry. Students are able to explain market relationships (e.g. merit order concept), present electricity trading and the associated problems and concepts and transfer them to expected issues and answer quantitative problems in a group with the help of modeling. Students are able to mathematically set up basic optimization models from the field of operations research and implement.	
<b>Contents</b>	The module covers the European liberalization process in the energy industry and the associated theoretical basic concepts of a competitively organized market, price formation mechanisms and investment decisions on liberalized electricity markets, the different markets within the electricity industry (e.g. intra-day electricity market, emissions certificate market) and market power in the electricity sector. In addition, regulatory framework conditions and the regulation of electricity grids are part of the module. On the other hand, the module includes the basic principles of modeling in the energy industry, which are incorporated into the project work in .	
<b>Teaching and learning methods</b>	Lecture: 2 hours per week Exercise: 2 hours per week Seminar: 2 hours per week Self-study The language of the module is English.	
<b>Prerequisites for participation</b>	The skills to be acquired in the Introduction to the Energy Industry module are a prerequisite.	
<b>Usability</b>	The module is one of fourteen compulsory elective modules in the Master's degree program in Public and International Economics, of which modules amounting to a maximum of 15 credit points can be selected.	
<b>Examination</b>	Portfolio, 90 hours	
<b>Workload and Credit points</b>	300 hours, 10 credit points	
<b>Frequency</b>	Offered each winter semester	

Duration	One semester
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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
<b>Qualification objectives</b>	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.	
<b>Contents</b>	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.	
<b>Teaching and learning methods</b>	Lecture: 1 hour per week Exercise: 1 hour per week Self-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.	
<b>Prerequisites for participation</b>	Knowledge of the requirements of liberalised energy markets at Bachelor's level is required.	
<b>Usability</b>	The module is a compulsory elective module in the Master's degree programme in Business Administration, which is assigned to the field of Business Administration. It is also an elective module in the Master's degree programme in Business Education and in the Diploma programmes in Business Informatics and Industrial Engineering, which is assigned to the field of Business and Economics. It is to be elected in accordance with the examination regulations.	
<b>Examination</b>	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	
<b>Workload and Credit points</b>	150 hours, 5 credit points	
<b>Frequency</b>	Offered each winter semester	
<b>Duration</b>	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
<b>Qualification objectives</b>	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.	
<b>Contents</b>	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.	
<b>Teaching and learning methods</b>	Lecture: 2 hours per week Exercise: 2 hours per week Project: 2 hours per week Self-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.	
<b>Prerequisites for participation</b>	Knowledge of the energy industry, the electricity industry and risk man-agement at Bachelor's level is required.	
<b>Usability</b>	The module is a compulsory elective module in the Master's degree pro-gramme in Business Administration, which is assigned to the areas of Business Administration and Supplementary Qualifications. It is also an elective module in the Master's degree programme in Business Education and in the Diploma programmes in Business Informatics and Industrial Engineering, which is assigned to the areas of Business and Economics and Supplementary Qualifications. It is to be elected in accordance with the examination regulations. The election is only permissible for one of the areas mentioned.	
<b>Examination</b>	Portfolio, 150 hours	
<b>Workload and Credit points</b>	300 hours, 10 credit points	



<b>Frequency</b>	Offered each summer semester
<b>Duration</b>	One semester

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
<b>Qualification objectives</b>	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.	
<b>Contents</b>	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.	
<b>Teaching and learning methods</b>	Seminar: 2 hours per week Self-study The language of the module is German.	
<b>Prerequisites for participation</b>	Sound pedagogical, didactic and business knowledge, especially about organization and management, is required at Bachelor's level.	
<b>Usability</b>	The module is a compulsory elective module in the Master's degree pro-gramme in Business Administration, which is assigned to the areas of Business Administration and Supplementary Qualifications. It is also an elective module in the Master's degree programme in Business and Busi-ness Education, which is assigned to the areas of Business Education and Economics. It is an elective module in the diploma programs Business Informatics and Industrial Engineering, which is assigned to the areas of economics and supplementary qualifications. It is to be chosen in accordance with the respective examination regula-tions. The election is only permissible for one of the areas mentioned.	
<b>Examination</b>	Combined term paper, 90 hours	

<b>Workload and Credit points</b>	150 hours, 5 credit points
<b>Frequency</b>	Offered each summer semester
<b>Duration</b>	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
<b>Qualification objectives</b>	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.	
<b>Contents</b>	The contents of the module are selected questions as well as associated theories and empirical findings in the field of human resource management.	
<b>Teaching and learning methods</b>	Seminar: 3 hours per week Self-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.	
<b>Prerequisites for participation</b>	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.	
<b>Usability</b>	The module is a compulsory elective module in the Master's degree programme in Business Administration, which is assigned to the field of Business Administration. It is also an elective module in the Master's degree programme in Business Education and in the Diploma programmes in Business Informatics and Industrial Engineering, which is assigned to the field of Business and Economics. It is to be chosen in accordance with the respective examination regulations.	
<b>Examination</b>	Complex assessment, 90 hours	
<b>Workload and Credit points</b>	150 hours, 5 credit points	
<b>Frequency</b>	Offered each summer semester	
<b>Duration</b>	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
<b>Qualification objectives</b>	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.	
<b>Contents</b>	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.	
<b>Teaching and learning methods</b>	Seminar: 3 hours per week Self-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.	
<b>Prerequisites for participation</b>	Business administration, economics and business education knowledge at Bachelor's level is required.	
<b>Usability</b>	The module is a compulsory elective module in the Master's degree programme in Business Administration, which is assigned to the areas of Business Administration and Supplementary Qualifications. It is also an elective module in the Master's degree programme in Business and Business Education, which is assigned to the areas of Business Education and Economics. It is an elective module in the diploma programs Business Informatics and Industrial Engineering, which is assigned to the areas of economics and supplementary qualifications. It is to be chosen in accordance with the respective examination regulations. The election is only permissible for one of the areas mentioned.	
<b>Examination</b>	Complex assessment, 90 hours	
<b>Workload and Credit points</b>	150 hours, 5 credit points	
<b>Frequency</b>	Offered each summer semester	
<b>Duration</b>	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
<b>Qualification objectives</b>	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.	
<b>Contents</b>	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.	
<b>Teaching and learning methods</b>	Seminar: 2 hours per week Self-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.	
<b>Prerequisites for participation</b>	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.	
<b>Usability</b>	The module is a compulsory elective module in the Master's degree programme in Business Administration, which is assigned to the field of Business Administration. It is also an elective module in the Master's degree programme in Business Education and in the Diploma programmes in Business Informatics and Industrial Engineering, which is assigned to the field of Business and Economics. It is to be elected in accordance with the examination regulations.	
<b>Examination</b>	Complex assesment, 90 hours	
<b>Workload and Credit points</b>	150 hours, 5 credit points	
<b>Frequency</b>	Offered each winter semester	
<b>Duration</b>	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
<b>Qualification objectives</b>	The students present current issues in business education from theory and practice using scientific methods, analyze and discuss them.	
<b>Contents</b>	The contents of the module are current issues of business education from theory and practice.	
<b>Teaching and learning methods</b>	Seminar: 2 hours per week Self-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.	
<b>Prerequisites for participation</b>	Basic knowledge of educational psychology, business didactics and commercial education at Bachelor's level is required.	
<b>Usability</b>	The module is a compulsory elective module in the Master's degree pro-gramme in Business Administration, which is assigned to the areas of Business Administration and Supplementary Qualifications. It is also an elective module in the Master's degree programme in Business and Business Education, which is assigned to the areas of Business Education and Economics. It is an elective module in the diploma programs Business Informatics and Industrial Engineering, which is assigned to the areas of economics and supplementary qualifications. It is to be chosen in accordance with the respective examination regulations. The election is only permissible for one of the areas mentioned.	
<b>Examination</b>	Complex assesment, 90 hours	
<b>Workload and Credit points</b>	150 hours, 5 credit points	
<b>Frequency</b>	Offered each winter semester	
<b>Duration</b>	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
<b>Qualification objectives</b>	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.	
<b>Contents</b>	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.	
<b>Teaching and learning methods</b>	Seminar: 2 hours per week Self-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.	
<b>Prerequisites for participation</b>	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.	
<b>Usability</b>	The module is a compulsory elective module in the Master's degree programme in Business Administration, which is assigned to the areas of Business Administration and Supplementary Qualifications. It is also an elective module in the Master's degree programme in Business and Business Education, which is assigned to the fields of Business and Economics and Business Education. It is an elective module in the diploma programs Business Informatics and Industrial Engineering, which is assigned to the areas of economics and supplementary qualifications. It is to be chosen in accordance with the respective examination regulations. The election is only permissible for one of the areas mentioned.	
<b>Examination</b>	Combined term paper, 90 hours	



<b>Workload and Credit points</b>	150 hours, 5 credit points
<b>Frequency</b>	Offered each winter semester
<b>Duration</b>	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
<b>Qualification objectives</b>	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.	
<b>Contents</b>	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.	
<b>Teaching and learning methods</b>	Seminar: 3 hours per week Self-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.	
<b>Prerequisites for participation</b>	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.	
<b>Usability</b>	The module is a compulsory elective module in the Master's degree programme in Business Administration, which is assigned to the field of Business Administration. It is also an elective module in the Master's degree programme in Business Education and in the Diploma programmes in Business Informatics and Industrial Engineering, which is assigned to the field of Business and Economics. It is to be elected in accordance with the examination regulations.	
<b>Examination</b>	Complex assesment, 90 hours	
<b>Workload and Credit points</b>	150 hours, 5 credit points	
<b>Frequency</b>	Offered each winter semester	
<b>Duration</b>	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
<b>Qualification objectives</b>	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.	
<b>Contents</b>	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.	
<b>Teaching and learning methods</b>	Seminar: 4 hours per week Self-study The language of the module is German.	
<b>Prerequisites for participation</b>	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.	
<b>Usability</b>	The module is a compulsory elective module in the Master's degree programme in Business Administration, which is assigned to the areas of Business Administration and Supplementary Qualifications. It is also an elective module in the Master's degree programme in Business and Business Education, which is assigned to the areas of Business Education and Economics. It is an elective module in the diploma programs Business Informatics and Industrial Engineering, which is assigned to the areas of economics and supplementary qualifications. It is to be chosen in accordance with the respective examination regulations. The election is only permissible for one of the areas mentioned.	
<b>Examination</b>	Complex assesment, 90 hours	
<b>Workload and Credit points</b>	150 hours, 5 credit points	
<b>Frequency</b>	Offered each winter semester	
<b>Duration</b>	One semester	

Module number	Module name	Responsible lecturer
WW-D-104-ANDE WW-MA-104-ANDE	Angewandte Datenerhebung im Marketing	Prof. Dr. Florian Ulrich Siems florian.siems@tu-dresden.de
<b>Qualification objectives</b>	Students can independently apply selected methods of data collection for a practical question in the field of marketing research, i.e. design and carry out a corresponding survey. They are able to evaluate and interpret the collected data using simple procedures.	
<b>Contents</b>	The contents of the module are applications of the subject of market research in the form of collection and analysis of data for a practical problem in marketing.	
<b>Teaching and learning methods</b>	Seminar: 3 hours per week Self-study The language of the module is German.	
<b>Prerequisites for participation</b>	Knowledge of marketing at Bachelor's level as well as the skills to be acquired in the market research module are required.	
<b>Usability</b>	The module is a compulsory elective module in the Master's degree programme in Business Administration, which is assigned to the field of Business Administration. It is also an elective module in the Master's degree programme in Business Education and in the Diploma programmes in Business Informatics and Industrial Engineering, which is assigned to the field of Business and Economics. It is to be elected in accordance with the examination regulations.	
<b>Examination</b>	Complex assesment, 90 hours	
<b>Workload and Credit points</b>	150 hours, 5 credit points	
<b>Frequency</b>	Offered each summer semester	
<b>Duration</b>	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
<b>Qualification objectives</b>	Students have in-depth knowledge of scientific work and have insights into current research issues as well as project-specific problems in logistics.	
<b>Contents</b>	The content of the module is current topics in the areas of logistics, procurement and supply chain management.	
<b>Teaching and learning methods</b>	Seminar: 3 hours per week Self-study The language of the module is English.	
<b>Prerequisites for participation</b>	Basic knowledge of scientific and practical work is required.	
<b>Usability</b>	The module is a compulsory elective module in the Master's degree programme in Business Administration, which is assigned to the field of Business Administration. In addition, it is an elective module in the Master's degree programme in Business Education and in the Diploma programmes in Business Informatics and Industrial Engineering, which is assigned to the field of Business and Economics. It is to be elected in accordance with the examination regulations.	
<b>Examination</b>	Complex assesment, 120 hours	
<b>Workload and Credit points</b>	150 hours, 5 credit points	
<b>Frequency</b>	Offered each semester	
<b>Duration</b>	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
<b>Qualification objectives</b>	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.	
<b>Contents</b>	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.	
<b>Teaching and learning methods</b>	Seminar: 4 hours per week Self-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.	
<b>Prerequisites for participation</b>	Knowledge of business administration and organization, marketing, sustainable corporate management, annual financial statements, investment and financing is required.	
<b>Usability</b>	The module is a compulsory elective module in the Master's degree programme in Business Administration, which is assigned to the field of Business Administration. In addition, it is an elective module in the Master's degree programme in Business Education and in the Diploma programmes in Business Informatics and Industrial Engineering, which is assigned to the field of Business and Economics. It is to be elected in accordance with the examination regulations.	
<b>Examination</b>	Complex assesment, 200 hours	
<b>Workload and Credit points</b>	300 hours, 10 credit points	
<b>Frequency</b>	Offered each summer semester	
<b>Duration</b>	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
<b>Qualification objectives</b>	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.	
<b>Contents</b>	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.	
<b>Teaching and learning methods</b>	Lecture: 1 hour per week Seminar: 2 hours per week Self-study The language of the module is English.	
<b>Prerequisites for participation</b>	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.	
<b>Usability</b>	The module is a compulsory elective module in the Master's degree programme in Business Administration, which is assigned to the field of Business Administration. It is also an elective module in the Master's degree programme in Business Education and in the Diploma programmes in Business Informatics and Industrial Engineering, which is assigned to the field of Business and Economics. It is to be chosen in accordance with the respective examination regulations.	
<b>Examination</b>	Complex assesment, 90 hours	
<b>Workload and Credit points</b>	150 hours, 5 credit points	
<b>Frequency</b>	Offered each summer semester	
<b>Duration</b>	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
<b>Qualification objectives</b>	Students are able to understand articles from English-language journals in the field of marketing research and to reproduce and critically discuss their content in English.	
<b>Contents</b>	The contents of the module are the presentation of selected topics of market research in literature.	
<b>Teaching and learning methods</b>	Seminar: 2 hours per week Self-study The language of the module is English.	
<b>Prerequisites for participation</b>	Knowledge of marketing at Bachelor's level as well as the skills to be acquired in the market research module are required.	
<b>Usability</b>	The module is a compulsory elective module in the Master's degree programme in Business Administration, which is assigned to the field of Business Administration. It is also an elective module in the Master's degree programme in Business Education and in the Diploma programmes in Business Informatics and Industrial Engineering, which is assigned to the field of Business and Economics. It is to be elected in accordance with the examination regulations.	
<b>Examination</b>	Complex assesment, 90 hours	
<b>Workload and Credit points</b>	150 hours, 5 credit points	
<b>Frequency</b>	Offered each semester	
<b>Duration</b>	One semester	



Module number	Module name	Responsible lecturer
WW-D-121-MPSU WW-MA-121-MPSU	Multidisciplinary Perspectives of Sustainability	Jun.-Prof. Dr. Samanthi Dijkstra-Silva Sustainability@tu-dresden.de
<b>Qualification objectives</b>	The students are familiar with current issues of sustainability management and the resource nexus. They are able to prepare, present, analyse and discuss these questions using scientific methods.	
<b>Contents</b>	The content of the module is the consideration and application of tools and strategies that could contribute to the achievement of the United Nations Sustainable Development Goals (SDGs).	
<b>Teaching and learning methods</b>	Seminar: 2 hours per week Self-study The language of the module is English.	
<b>Prerequisites for participation</b>	Knowledge of marketing and sustainable business 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.	
<b>Usability</b>	The module is a compulsory elective module in the Master's degree programme in Business Administration, which is assigned to the field of Business Administration. It is also an elective module in the Master's degree programme in Business Education and in the Diploma programmes in Business Informatics and Industrial Engineering, which is assigned to the field of Business and Economics. It is to be elected in accordance with the examination regulations.	
<b>Examination</b>	Term paper, 90 hours	
<b>Workload and Credit points</b>	150 hours, 5 credit points	
<b>Frequency</b>	Offered each semester	
<b>Duration</b>	One semester	

Module number	Module name	Responsible lecturer
WW-D-107-PRÜL WW-MA-107-PRÜL	Prüfungslehre	Prof. Dr. Michael Dobler wus@mailbox.tu-dresden.de
<b>Qualification objectives</b>	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.	
<b>Contents</b>	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.	
<b>Teaching and learning methods</b>	Lecture: 2 hours per week Exercise: 1 hour per week Self-study The language of the module is German.	
<b>Prerequisites for participation</b>	Basic knowledge of accounting, annual financial statements, investment and financing as well as mathematics at Bachelor's level is required.	
<b>Usability</b>	The module is a compulsory elective module in the Master's degree programme in Business Administration, which is assigned to the field of Business Administration. It is also an elective module in the Master's degree programme in Business Education and in the Diploma programmes in Business Informatics and Industrial Engineering, which is assigned to the field of Business and Economics. It is to be elected in accordance with the examination regulations.	
<b>Examination</b>	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	
<b>Workload and Credit points</b>	150 hours, 5 credit points	
<b>Frequency</b>	Offered each summer semester	
<b>Duration</b>	One semester	

Module number	Module name	Responsible lecturer
WW-D-102-RSMG WW-MA-102-RSMG	Ressourcenmanagement	Prof. Dr. Remmer Sassen Lehre_bu@mailbox.tu-dresden.de
<b>Qualification objectives</b>	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.	
<b>Contents</b>	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.	
<b>Teaching and learning methods</b>	Lecture: 2 hours per week Tutorial: 2 hours per week Self-study The language of the module is English.	
<b>Prerequisites for participation</b>	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.	
<b>Usability</b>	The module is a compulsory elective module in the Master's degree programme in Business Administration, which is assigned to the field of Business Administration. It is also an elective module in the Master's degree programme in Business Education and in the Diploma programmes in Business Informatics and Industrial Engineering, which is assigned to the field of Business and Economics. It is to be elected in accordance with the examination regulations.	
<b>Examination</b>	Term paper, 90 hours	
<b>Workload and Credit points</b>	150 hours, 5 credit points	
<b>Frequency</b>	Offered each summer semester	
<b>Duration</b>	One semester	

Module number	Module name	Responsible lecturer
MA-WW-BWL-1016 D-WW-WIWI-1016	Scheduling	Jun.-Prof. Dr. Tristan Becker
<b>Qualification objectives</b>	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. Students are familiar with scheduling problems in the application areas of logistics, supply chain, healthcare, and human resource planning.	
<b>Contents</b>	See above.	
<b>Teaching and learning methods</b>	Lecture: 2 hours per week Exercise: 2 hours per week Self-study The language of the module is English.	
<b>Prerequisites for participation</b>	Basic knowledge of operations research	
<b>Usability</b>	This module is a compulsory elective module for the master's programs in Business Administration, Economics, Business Education, Business Informatics, and Industrial Engineering, as well as for the main study phase of the diploma programs in Business Informatics and Industrial Engineering. According to Section 26, Paragraph 3 of the respective examination regulations, it is assigned to the specializations listed in Appendix 2 of the corresponding study regulations.	
<b>Examination</b>	Written exam, 60 minutes	
<b>Workload and Credit points</b>	150 hours, 5 credit points	
<b>Frequency</b>	Offered each summer semester	
<b>Duration</b>	One semester	

Module number	Module name	Responsible lecturer
WW-D-102-SPNM WW-MA-102-SPNM	Studienprojekte im Nachhaltigkeitsmanagement	Prof. Dr. Remmer Sassen Lehre_bu@mailbox.tu-dresden.de
<b>Qualification objectives</b>	After completing the module, students will be able to independently answer complex questions of sustainable corporate management as well as risk management or resource economics scientifically and to create and apply their own practice-oriented concepts for the integration of ecological, economic and social aspects in decisions. In addition, students can solve problems independently in groups and pre-sent their proposed solutions in written form.	
<b>Contents</b>	The content of the module is the processing of a practice-relevant problem on sustainability management with a practice partner.	
<b>Teaching and learning methods</b>	Seminar: 4 hours per week Self-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.	
<b>Prerequisites for participation</b>	Knowledge of business administration and organization 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.	
<b>Usability</b>	The module is a compulsory elective module in the Master's degree programme in Business Administration, which is assigned to the field of Business Administration. It is also an elective module in the Master's degree programme in Business Education and in the Diploma programmes in Business Informatics and Industrial Engineering, which is assigned to the field of Business and Economics. It is to be elected in accordance with the examination regulations.	
<b>Examination</b>	Term paper, 90 hours	
<b>Workload and Credit points</b>	150 hours, 5 credit points	
<b>Frequency</b>	Offered each semester	
<b>Duration</b>	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
<b>Qualification objectives</b>	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.	
<b>Contents</b>	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.	
<b>Teaching and learning methods</b>	Seminar: 0,5 hour per week Project: 4 hours per week Self-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.	
<b>Prerequisites for participation</b>	Knowledge of the energy industry, the electricity industry as well as risk quantification and management at Bachelor's level is required.	
<b>Usability</b>	The module is a compulsory elective module in the Master's degree programme in Business Administration, which is assigned to the areas of Business Administration, Methods and Procedures as well as Presentation and Discussion. It is also an elective module in the Master's degree programme in Business and Economics Education, which is assigned to the areas of economics and methods and procedures. In addition, it is an elective module in the diploma programs Business Informatics and Industrial Engineering, which is assigned to the areas of Economics, Methods and Procedures as well as Presentation and Discussion. The module is a compulsory elective module in the Master's programme in Public and International Economics. It is to be elected in accordance with the examination regulations. The election is only permissible for one of the areas mentioned.	
<b>Examination</b>	Combined term paper, 120 hours	
<b>Workload and Credit points</b>	300 hours, 10 credit points	
<b>Frequency</b>	Offered each summer semester	
<b>Duration</b>	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
<b>Qualification objectives</b>	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.	
<b>Contents</b>	The content of the module is the basics and methods of company valuation and corporate value-oriented controlling.	
<b>Teaching and learning methods</b>	Lecture: 2 hours per week Exercise: 1 hour per week Self-study The language of the module is German.	
<b>Prerequisites for participation</b>	Business administration knowledge at Bachelor's level is required.	
<b>Usability</b>	The module is a compulsory elective module in the Master's degree programme in Business Administration, which is assigned to the field of Business Administration. It is also an elective module in the Master's degree programme in Business Education and in the Diploma programmes in Business Informatics and Industrial Engineering, which is assigned to the field of Business and Economics. It is to be elected in accordance with the examination regulations.	
<b>Examination</b>	Non-public oral examination as a group examination of 15 minutes for the individual examination supervisor	
<b>Workload and Credit points</b>	150 hours, 5 credit points	
<b>Frequency</b>	Offered each summer semester	
<b>Duration</b>	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
<b>Qualification objectives</b>	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.	
<b>Contents</b>	The content of the module is general principles of ethics as well as central concepts of business and business ethics.	
<b>Teaching and learning methods</b>	Lecture: 2 hours per week Exercise: 2 hours per week Self-study The language of the module is German.	
<b>Prerequisites for participation</b>	Knowledge of business administration, organization, and sustainable business management at Bachelor's level is required.	
<b>Usability</b>	The module is a compulsory elective module in the Master's degree programme in Business Administration, which is assigned to the field of Business Administration. It is also an elective module in the Master's degree programme in Business Education and in the Diploma programmes in Business Informatics and Industrial Engineering, which is assigned to the field of Business and Economics. It is to be elected in accordance with the examination regulations.	
<b>Examination</b>	Complex assesment, 15 hours	
<b>Workload and Credit points</b>	150 hours, 5 credit points	
<b>Frequency</b>	Offered each summer semester	
<b>Duration</b>	One semester	



Module number	Module name	Responsible lecturer
WW-D-103-WANR WW-MA-103-WANR	Wirtschaftswissenschaftliche Anwendungen mit R	Prof. Dr. Udo Buscher bwlim@tu-dresden.de
<b>Qualification objectives</b>	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.	
<b>Contents</b>	The contents of the module are the basics and structure of the R language in particular as well as its application.	
<b>Teaching and learning methods</b>	Seminar: 2 hours per week Self-study The language of the module is German.	
<b>Prerequisites for participation</b>		
<b>Usability</b>	<p>The module is a compulsory elective module in the Master's degree programme in Business Administration, which is assigned to the areas of Business Administration and Methods and Procedures. It is also an elective module in the Master's degree programme in Business Education and the Diploma programme in Industrial Engineering, which is assigned to the areas of Business and Economics as well as Methods and Procedures. In addition, it is a compulsory elective module in the Diploma programme in Business Informatics, which is assigned to the areas of economics, business informatics and methods and procedures.</p> <p>It is to be chosen in accordance with the respective examination regulations. The election is only permissible for one of the areas mentioned.</p>	
<b>Examination</b>	Written exam, 90 minutes	
<b>Workload and Credit points</b>	150 hours, 5 credit points	
<b>Frequency</b>	Offered each semester	
<b>Duration</b>	One semester	

## Economics Advanced

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
<b>Qualification objectives</b>	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.	
<b>Contents</b>	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.	
<b>Teaching and learning methods</b>	Lecture: 2 hours per week Exercise: 1 hour per week Self-study The language of the module is English.	
<b>Prerequisites for participation</b>	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.	
<b>Usability</b>	The module is a compulsory elective module in the Master's degree programme in Business Administration, which is assigned to the area of Supplementary Qualifications. In addition to the Master's degree programme in Business Education and the Diploma programmes in Business Informatics and Industrial Engineering, it is an elective module that is assigned to the field of Business and Economics. The module is a compulsory elective module in the Master's programme in Public and International Economics. It is to be chosen in accordance with the respective examination regulations.	
<b>Examination</b>	Written exam, 90 minutes	
<b>Workload and Credit points</b>	150 hours, 5 credit points	
<b>Frequency</b>	Offered each summer semester	
<b>Duration</b>	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
<b>Qualification objectives</b>	After completing the module, students will be familiar with current micro- 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.	
<b>Contents</b>	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.	
<b>Teaching and learning methods</b>	Lecture: 2 hours per week Tutorial: 1 hour per week Self-study The language of the module is English.	
<b>Prerequisites for participation</b>	Knowledge of basic economic terms such as economic cycle, economic and market forms, economic analysis methods such as equilibrium analysis and comparative statics at Bachelor's level is required, as discussed for example in The Core Team (Ed.). 2017. The Economy. Oxford University Press, as well as knowledge of calculus, stochastics and inferential statistics at basic course Abitur level.	
<b>Usability</b>	The module is an elective module in the Master's degree programmes in Business Administration and Business Education as well as in the Diploma programmes in Business Informatics and Industrial Engineering, which is assigned to the area of Methods and Procedures. It is to be elected in accordance with the examination regulations.	
<b>Examination</b>	Complex assessment, 25 hours	
<b>Workload and Credit points</b>	150 hours, 5 credit points	
<b>Frequency</b>	Offered each winter semester	
<b>Duration</b>	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
<b>Qualification objectives</b>	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.	
<b>Contents</b>	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.	
<b>Teaching and learning methods</b>	Lecture: 2 hours per week Self-study The language of the module is German.	
<b>Prerequisites for participation</b>	Knowledge of game theory at Bachelor's level is required.	
<b>Usability</b>	The module is an elective module in the Master's degree programmes in Business Administration and Business Education as well as in the Diplo-ma programmes in Business Informatics and Industrial Engineering, which is assigned to the area of Methods and Procedures. It is to be elected in accordance with the examination regulations.	
<b>Examination</b>	Written exam, 120 minutes	
<b>Workload and Credit points</b>	150 hours, 5 credit points	
<b>Frequency</b>	Offered each winter semester	
<b>Duration</b>	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
<b>Qualification objectives</b>	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.	
<b>Contents</b>	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.	
<b>Teaching and learning methods</b>	Seminar: 2 hours per week Self-study The language of the module is English.	
<b>Prerequisites for participation</b>	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.	
<b>Usability</b>	The module is a compulsory elective module in the Master's degree programme in Business Administration, which is assigned to the areas of Supplementary Qualifications and Presentation and Discussion. It is also an elective module in the diploma programs Business Informatics and Industrial Engineering, which is assigned to the areas of Economics and Presentation and Discussion. It is a compulsory elective module in the Master's degree programme in Business and Business Education, which is assigned to the field of Business and Economics. The module is a compulsory elective module in the Master's programme in Public and International Economics. It is to be chosen in accordance with the respective examination regulations. The election is only permissible for one of the areas mentioned.	
<b>Examination</b>	Combined term paper, 90 hours	
<b>Workload and Credit points</b>	150 hours, 5 credit points	
<b>Frequency</b>	Offered each winter semester	
<b>Duration</b>	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
<b>Qualification objectives</b>	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.	
<b>Contents</b>	The module focuses on traditional and alternative explanatory approaches to growth and development, inequality, population growth and migration as determinants of development.	
<b>Teaching and learning methods</b>	Lecture: 2 hours per week Exercise: 1 hour per week Self-study The language of the module is English.	
<b>Prerequisites for participation</b>	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.	
<b>Usability</b>	The module is a compulsory elective module in the Master's degree programme in Business Administration, which is assigned to the area of Supplementary Qualifications. It is also an elective module in the Master's degree programme in Business Education and in the Diploma programmes in Business Informatics and Industrial Engineering, which is assigned to the field of Business and Economics. The module is a Wahlpflichtmodul in the Master's degree programme in Public and International Economics and is to be chosen in accordance with the examination regulations.	
<b>Examination</b>	Written exam, 90 minutes	
<b>Workload and Credit points</b>	150 hours, 5 credit points	
<b>Frequency</b>	Offered each summer semester	
<b>Duration</b>	One semester	

Module number	Module name	Responsible lecturer
WW-D-203-EMEC WW-MA-203-EMEC	Empirical Economics	Prof. Dr. Christian Leßmann christian.lessmann@tu-dresden.de
<b>Qualification objectives</b>	Students are familiar with the application of modern empirical methods of economics. They are able to use them independently.	
<b>Contents</b>	The contents of the module are the basics and methods of empirical economic research as well as the use of statistical software. Based on regression models, methods that allow causal interpretations are further contents of the module.	
<b>Teaching and learning methods</b>	Lecture: 2 hours per week Tutorial: 1,5 hour per week Self-study The language of the module is English.	
<b>Prerequisites for participation</b>	Knowledge of mathematics, especially calculus, stochastics and inferen-tial statistics at Abitur level, basic course, is required.	
<b>Usability</b>	The module is an elective module in the Master's degree programmes in Business Administration and Business Education as well as in the Diplo-ma programmes in Business Informatics and Industrial Engineering, which is assigned to the area of Methods and Procedures. It is to be elected in accordance with the examination regulations. The module creates the prerequisites for the Advanced Topics in Applied Econometrics module.	
<b>Examination</b>	Complex assesment, 25 hours	
<b>Workload and Credit points</b>	150 hours, 5 credit points	
<b>Frequency</b>	Offered each winter semester	
<b>Duration</b>	One semester	

Module number	Module name	Responsible lecturer
WW-D-203-EMRT WW-MA-203-EMRT WW-MA-PIE-ERT	Empirical Research Task	Prof. Dr. Christian Leßmann christian.lessmann@tu-dresden.de
<b>Qualification objectives</b>	Students are able to comprehensively work on an economic, empirical research question. They can confidently use statistical software, for example R or Stata, set up theory-based hypotheses, formulate an empirical model, test the model econometrically, and communicate and critically question the results.	
<b>Contents</b>	Contents of the module are theory-based hypothesis formation, data processing methods and the creation and estimation of econometric models.	
<b>Teaching and learning methods</b>	Lecture: 2 hours per week Exercise: 1 hour per week Project: 1 hour per week Self-studyThe language of the module is English.	
<b>Prerequisites for participation</b>	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.	
<b>Usability</b>	The module is a compulsory elective module in the Master's degree programme in Business Administration, which is assigned to the areas of Supplementary Qualifications and Presentation and Discussion. It is also an elective module in the diploma programs Business Informatics and Industrial Engineering, which is assigned to the areas of Economics and Presentation and Discussion. It is a compulsory elective module in the Master's degree programme in Business and Business Education, which is assigned to the field of Business and Economics. The module is a compulsory elective module in the Master's programme in Public and International Economics. It is to be chosen in accordance with the respective examination regulations. The election is only permissible for one of the areas mentioned.	
<b>Examination</b>	Complex assessment, 50 hours	
<b>Workload and Credit points</b>	300 hours, 10 credit points	
<b>Frequency</b>	Offered each summer semester	
<b>Duration</b>	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
<b>Qualification objectives</b>	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.	
<b>Contents</b>	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.	
<b>Teaching and learning methods</b>	Seminar: 2 hours per week Self-study The language of the module is English.	
<b>Prerequisites for participation</b>	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.	
<b>Usability</b>	The module is a compulsory elective module in the Master's degree programme in Business Administration, which is assigned to the areas of Supplementary Qualifications and Presentation and Discussion. It is also an elective module in the diploma programs Business Informatics and Industrial Engineering, which is assigned to the areas of Economics and Presentation and Discussion. It is a compulsory elective module in the Master's degree programme in Business and Business Education, which is assigned to the field of Business and Economics. The module is a compulsory elective module in the Master's programme in Public and International Economics. It is to be chosen in accordance with the respective examination regulations. The election is only permissible for one of the areas mentioned.	
<b>Examination</b>	Combined term paper, 90 hours	
<b>Workload and Credit points</b>	150 hours, 5 credit points	
<b>Frequency</b>	Offered each summer semester	
<b>Duration</b>	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
<b>Qualification objectives</b>	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.	
<b>Contents</b>	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.	
<b>Teaching and learning methods</b>	Seminar: 2 hours per week Self-study The language of the module is English.	
<b>Prerequisites for participation</b>	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.	
<b>Usability</b>	The module is a compulsory elective module in the Master's degree pro-gramme in Business Administration, which is assigned to the areas of Supplementary Qualifications and Presentation and Discussion. It is also an elective module in the diploma programs Business Informatics and Industrial Engineering, which is assigned to the areas of Economics and Presentation and Discussion. It is a compulsory elective module in the Master's degree programme in Business and Business Education, which is assigned to the field of Business and Economics. The module is a compulsory elective module in the Master's programme in Public and International Economics. It is to be chosen in accordance with the respective examination regulations. The election is only permissible for one of the areas mentioned.	
<b>Examination</b>	Combined term paper, 90 hours	
<b>Workload and Credit points</b>	150 hours, 5 credit points	
<b>Frequency</b>	Offered each winter semester	
<b>Duration</b>	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
<b>Qualification objectives</b>	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.	
<b>Contents</b>	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.	
<b>Teaching and learning methods</b>	Lecture: 2 hours per week Exercise: 1 hour per week Self-study The language of the module is English.	
<b>Prerequisites for participation</b>	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.	
<b>Usability</b>	The module is a compulsory elective module in the Master's degree programme in Business Administration, which is assigned to the area of Supplementary Qualifications. It is also an elective module in the Master's degree programme in Business Education and in the Diploma programmes in Business Informatics and Industrial Engineering, which is assigned to the field of Business and Economics. The module is a compulsory elective module in the Master's programme in Public and International Economics. It is to be elected in accordance with the examination regulations.	
<b>Examination</b>	Written exam, 60 minutes	
<b>Workload and Credit points</b>	150 hours, 5 credit points	
<b>Frequency</b>	Offered each winter semester	
<b>Duration</b>	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
<b>Qualification objectives</b>	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.	
<b>Contents</b>	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.	
<b>Teaching and learning methods</b>	Lecture: 2 hours per week Exercise: 1 hour per week Self-study The language of the module is English.	
<b>Prerequisites for participation</b>	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.	
<b>Usability</b>	The module is a compulsory elective module in the Master's degree programme in Business Administration, which is assigned to the area of Supplementary Qualifications. It is also an elective module in the Master's degree programme in Business Education and in the Diploma programmes in Business Informatics and Industrial Engineering, which is assigned to the field of Business and Economics. The module is a compulsory elective module in the Master's programme in Public and International Economics. It is to be elected in accordance with the examination regulations.	
<b>Examination</b>	Written exam, 60 minutes	
<b>Workload and Credit points</b>	150 hours, 5 credit points	
<b>Frequency</b>	Offered each summer semester	
<b>Duration</b>	One semester	

Module number	Module name	Responsible lecturer
WW-D-204-SRFM WW-MA-204-SRFM WW-MA-PIE-RFM	Financial Stability and Regulation of Financial Markets	Prof. Dr. Thilo Liebig yvonne.bludau@tu-dresden.de
<b>Qualification objectives</b>	The students are familiar with the problem of systemic risk and its effects on financial market stability. They understand the essential tasks, institutions and instruments of banking, insurance, securities and macroprudential supervision at national and international level. They are able to analyse the causes and effects of financial crises in a well-founded manner and to discuss suitable regulatory mechanisms.	
<b>Contents</b>	The content of the module is the basics of financial stability in micro- and macroprudential dimensions. This includes various indicators to measure financial stability and models to explain financial crises and their impact.	
<b>Teaching and learning methods</b>	Lecture: 2 hours per week Self-study The language of the module is English.	
<b>Prerequisites for participation</b>	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.	
<b>Usability</b>	The module is a compulsory elective module in the Master's degree programme in Business Administration, which is assigned to the area of Supplementary Qualifications. It is also an elective module in the Master's degree programme in Business Education and in the Diploma programmes in Business Informatics and Industrial Engineering, which is assigned to the field of Business and Economics. The module is a compulsory elective module in the Master's programme in Public and International Economics. It is to be elected in accordance with the examination regulations.	
<b>Examination</b>	Written exam, 90 minutes	
<b>Workload and Credit points</b>	150 hours, 5 credit points	
<b>Frequency</b>	Offered each winter semester	
<b>Duration</b>	One semester	

Module number	Module name	Responsible lecturer
WW-D-205-ATAE WW-MA-205-ATAE WW-MA-PIE-ATE	Advanced Topics in Applied Econometrics	Prof. Dr. Kamila Cygan-Rehm kamila.cygan-rehm@tu-dresden.de
<b>Qualification objectives</b>	Students are instructed in modern econometric methods and learn pro-posed solutions to typical challenges of data analysis in an economic poli-cy and scientific context. They are able to analytically grasp specific ques-tions, propose suitable analytical methods, deal critically with the central assumptions and assess the quality of empirical studies. In addition to conceptual content, data literacy is taught with the help of statistical soft-ware, thus promoting students' programming skills.	
<b>Contents</b>	The module deals with selected advanced methods of applied economet-rics, in particular causal analysis (matching, shift-share instrumental vari-ables, robust difference-in-differences, etc.). The relevant methods are illustrated using illustrative examples from current research on economic policy issues.	
<b>Teaching and learning methods</b>	Lecture: 2 hours per week Self-study The language of the module is English.	
<b>Prerequisites for participation</b>	Basic knowledge of econometrics at Master's level is required, as taught in the modules Empirical Economics and Microeconometrics. Furthermore, English language skills at level B2 of the Common European Framework of Reference for Languages are required.	
<b>Usability</b>	The module is a compulsory elective module in the Master's degree pro-gramme in Business Administration, which is assigned to the areas of Supplementary Qualifications and Methods and Procedures. It is also an elective module in the Master's degree programme in Business Education and in the Diploma programmes in Business Informatics and Industrial Engineering, which is assigned to the areas of Economics and Methods and Procedures. The module is a compulsory elective module in the Mas-ter's programme in Public and International Economics. It is to be elected in accordance with the examination regulations. The election is only permissible for one of the areas mentioned.	
<b>Examination</b>	Written exam, 90 minutes	
<b>Workload and Credit points</b>	150 hours, 5 credit points	
<b>Frequency</b>	Offered each summer semester	
<b>Duration</b>	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 kamila.cygan-rehm@tu-dresden.de
<b>Qualification objectives</b>	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.	
<b>Contents</b>	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.	
<b>Teaching and learning methods</b>	Seminar: 2 hours per week Self-study The language of the module is English.	
<b>Prerequisites for participation</b>	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.	
<b>Usability</b>	The module is a compulsory elective module in the Master's degree pro-gramme in Business Administration, which is assigned to the areas of Supplementary Qualifications and Presentation and Discussion. It is also an elective module in the diploma programs Business Informatics and Industrial Engineering, which is assigned to the areas of Economics and Presentation and Discussion. It is a compulsory elective module in the Master's degree programme in Business and Business Education, which is assigned to the field of Business and Economics. The module is a compul-sory elective module in the Master's programme in Public and Interna-tional Economics. It is to be chosen in accordance with the respective examination regula-tions. The election is only permissible for one of the areas mentioned.	
<b>Examination</b>	Combined term paper, 40 hours	
<b>Workload and Credit points</b>	150 hours, 5 credit points	
<b>Frequency</b>	Offered each winter semester	
<b>Duration</b>	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
<b>Qualification objectives</b>	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.	
<b>Contents</b>	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.	
<b>Teaching and learning methods</b>	Seminar: 2 hours per week Self-study The language of the module is English.	
<b>Prerequisites for participation</b>	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.	
<b>Usability</b>	The module is a compulsory elective module in the Master's degree programme in Business Administration, which is assigned to the areas of Supplementary Qualifications and Presentation and Discussion. It is also an elective module in the diploma programs Business Informatics and Industrial Engineering, which is assigned to the areas of Economics and Presentation and Discussion. It is a compulsory elective module in the Master's degree programme in Business and Business Education, which is assigned to the field of Business and Economics. The module is a compulsory elective module in the Master's programme in Public and International Economics. It is to be chosen in accordance with the respective examination regulations. The election is only permissible for one of the areas mentioned.	
<b>Examination</b>	Combined term paper, 90 hours	
<b>Workload and Credit points</b>	150 hours, 5 credit points	
<b>Frequency</b>	Offered each summer semester	
<b>Duration</b>	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
<b>Qualification objectives</b>	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	
<b>Contents</b>	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.	
<b>Teaching and learning methods</b>	Lecture: 2 hours per week Exercise: 1 hour per week Self-study The language of the module is English.	
<b>Prerequisites for participation</b>	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.	
<b>Usability</b>	The module is a compulsory elective module in the Master's degree programme in Business Administration, which is assigned to the area of Supplementary Qualifications. It is also an elective module in the Master's degree programme in Business Education and in the Diploma programmes in Business Informatics and Industrial Engineering, which is assigned to the field of Business and Economics. The module is a compulsory elective module in the Master's programme in Public and International Economics. It is to be elected in accordance with the examination regulations.	
<b>Examination</b>	Written exam, 90 minutes	
<b>Workload and Credit points</b>	150 hours, 5 credit points	
<b>Frequency</b>	Offered each summer semester	
<b>Duration</b>	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
<b>Qualification objectives</b>	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.	
<b>Contents</b>	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.	
<b>Teaching and learning methods</b>	Lecture: 2 hours per week Exercise: 1 hour per week Self-study The language of the module is English.	
<b>Prerequisites for participation</b>	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.	
<b>Usability</b>	The module is a compulsory elective module in the Master's degree programme in Business Administration, which is assigned to the area of Supplementary Qualifications. It is also an elective module in the Master's degree programme in Business Education and in the Diploma programmes in Business Informatics and Industrial Engineering, which is assigned to the field of Business and Economics. The module is a compulsory elective module in the Master's programme in Public and International Economics. It is to be elected in accordance with the examination regulations.	
<b>Examination</b>	Written exam, 90 minutes	
<b>Workload and Credit points</b>	150 hours, 5 credit points	
<b>Frequency</b>	Offered each winter semester	
<b>Duration</b>	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
<b>Qualification objectives</b>	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.	
<b>Contents</b>	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	
<b>Teaching and learning methods</b>	Lecture: 2 hours per week Exercise: 1 hour per week Self-study The language of the module is English.	
<b>Prerequisites for participation</b>	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.	
<b>Usability</b>	The module is a compulsory elective module in the Master's degree programme in Business Administration, which is assigned to the area of Supplementary Qualifications. It is also an elective module in the Master's degree programme in Business Education and in the Diploma programmes in Business Informatics and Industrial Engineering, which is assigned to the field of Business and Economics. The module is a compulsory elective module in the Master's programme in Public and International Economics. It is to be elected in accordance with the examination regulations.	
<b>Examination</b>	Written exam, 90 minutes	
<b>Workload and Credit points</b>	150 hours, 5 credit points	
<b>Frequency</b>	Offered each winter semester	
<b>Duration</b>	One semester	

Module number	Module name	Responsible lecturer
WW-D-208-EVGL WW-MA-208-EVGL	Evaluierung von Gesundheitsleistungen	Prof. Dr. Bernhard Schipp econometrics@tu-dresden.de
<b>Qualification objectives</b>	Students are able to evaluate health services economically. To this end, they are able to apply quantitative methods that are appropriate to the problem.	
<b>Contents</b>	The module focuses on cost types in health economics as well as measures for operationalizing the benefits of health-related services and assessing quality of life.	
<b>Teaching and learning methods</b>	Lecture: 2 hours per week Self-study The language of the module is German.	
<b>Prerequisites for participation</b>		
<b>Usability</b>	The module is an elective module in the Master's degree programmes in Business Administration and Business Education as well as in the Diploma programmes in Business Informatics and Industrial Engineering, which is assigned to the area of Supplementary Qualifications. It is to be elected in accordance with the examination regulations.	
<b>Examination</b>	Written exam, 60 minutes	
<b>Workload and Credit points</b>	150 hours, 5 credit points	
<b>Frequency</b>	Offered each summer semester	
<b>Duration</b>	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@tu-dresden.de
<b>Qualification objectives</b>	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.	
<b>Contents</b>	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.	
<b>Teaching and learning methods</b>	Lecture: 2 hours per week Exercise: 2 hours per week Self-study The language of the module is English.	
<b>Prerequisites for participation</b>	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.	
<b>Usability</b>	The module is an elective module in the Master's degree programmes in Business Administration and Business Education as well as in the Diploma programmes in Business Informatics and Industrial Engineering, which is assigned to the area of Methods and Procedures. The module is a compulsory module in the Master's programme in Public and International Economics. It is to be elected in accordance with the examination regulations. The module creates the prerequisites for the Advanced Topics in Applied Econometrics module.	
<b>Examination</b>	Written exam, 90 minutes	
<b>Workload and Credit points</b>	150 hours, 5 credit points	
<b>Frequency</b>	Offered each winter semester	
<b>Duration</b>	One semester	

Module number	Module name	Responsible lecturer
WW-D-208-ZRÖK WW-MA-208-ZRÖK	Zeitreihenökonometrie	Prof. Dr. Bernhard Schipp econometrics@tu-dresden.de
<b>Qualification objectives</b>	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.	
<b>Contents</b>	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.	
<b>Teaching and learning methods</b>	Lecture: 2 hours per week Exercise: 2 hours per week Self-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.	
<b>Prerequisites for participation</b>	Knowledge of statistics and econometrics at Bachelor's level is required.	
<b>Usability</b>	The module is an elective module in the Master's degree programmes in Business Administration and Business Education as well as in the Diploma programmes in Business Informatics and Industrial Engineering, which is assigned to the area of Methods and Procedures. It is to be elected in accordance with the examination regulations.	
<b>Examination</b>	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	
<b>Workload and Credit points</b>	150 hours, 5 credit points	
<b>Frequency</b>	Offered each summer semester	
<b>Duration</b>	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
<b>Qualification objectives</b>	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.	
<b>Contents</b>	The contents of the module are current issues of empirical economic re-search and basic methods of application-oriented research.	
<b>Teaching and learning methods</b>	Seminar: 2 hours per week Self-study The language of the module is English.	
<b>Prerequisites for participation</b>	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.	
<b>Usability</b>	<p>The module is a compulsory elective module in the Master's degree programme in Business Administration, which is assigned to the areas of Supplementary Qualifications and Presentation and Discussion. It is also an elective module in the diploma programs Business Informatics and Industrial Engineering, which is assigned to the areas of Economics and Presentation and Discussion. It is a compulsory elective module in the Master's degree programme in Business and Business Education, which is assigned to the field of Business and Economics. The module is a compulsory elective module in the Master's programme in Public and International Economics.</p> <p>It is to be chosen in accordance with the respective examination regulations. The election is only permissible for one of the areas mentioned.</p>	
<b>Examination</b>	Complex assesment, 25 hours	
<b>Workload and Credit points</b>	150 hours, 5 credit points	
<b>Frequency</b>	Offered each winter semester	
<b>Duration</b>	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
<b>Qualification objectives</b>	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.	
<b>Contents</b>	The contents of the module are the properties and application areas of Geographic Information Systems as well as the Geographic Information Systems software.	
<b>Teaching and learning methods</b>	Lecture: 2 hours per week Exercise: 1 hour per week Self-study The language of the module is English.	
<b>Prerequisites for participation</b>	Basic programming and IT skills at Abitur level are required.	
<b>Usability</b>	The module is a compulsory elective module in the Master's degree programme in Business Administration, which is assigned to the area of Supplementary Qualifications. It is also an elective module in the Master's degree programme in Business Education and in the Diploma programmes in Business Informatics and Industrial Engineering, which is assigned to the field of Business and Economics. The module is a compulsory elective module in the Master's programme in Public and International Economics. It is to be elected in accordance with the examination regulations.	
<b>Examination</b>	Complex assesment, 25 hours	
<b>Workload and Credit points</b>	150 hours, 5 credit points	
<b>Frequency</b>	Offered each summer semester	
<b>Duration</b>	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
<b>Qualification objectives</b>	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.	
<b>Contents</b>	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.	
<b>Teaching and learning methods</b>	Lecture: 2 hours per week Exercise: 1 hour per week Self-study The language of the module is English.	
<b>Prerequisites for participation</b>	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.	
<b>Usability</b>	The module is a compulsory elective module in the Master's degree programme in Business Administration, which is assigned to the area of Supplementary Qualifications. It is also an elective module in the Master's degree programme in Business Education and in the Diploma programmes in Business Informatics and Industrial Engineering, which is assigned to the field of Business and Economics. The module is a compulsory elective module in the Master's programme in Public and International Economics. It is to be elected in accordance with the examination regulations.	
<b>Examination</b>	Complex assessment, 25 hours	
<b>Workload and Credit points</b>	150 hours, 5 credit points	
<b>Frequency</b>	Offered each winter semester	
<b>Duration</b>	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
<b>Qualification objectives</b>	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.	
<b>Contents</b>	Contents of the module are theoretical foundations, data requirements, and application of the method of applied equilibrium modeling.	
<b>Teaching and learning methods</b>	Lecture: 2 hours per week Exercise: 2 hours per week Self-study The language of the module is English.	
<b>Prerequisites for participation</b>	English language skills at CEFR B2 level and knowledge of micro- and macroeconomics at Bachelor's level are required.	
<b>Usability</b>	The module is an elective module in the Master's degree programmes in Business Administration and Business Education as well as in the Diploma programmes in Business Informatics and Industrial Engineering, which is assigned to the area of Methods and Procedures. It is to be elected in accordance with the examination regulations.	
<b>Examination</b>	Complex assesment, 75 hours	
<b>Workload and Credit points</b>	150 hours, 5 credit points	
<b>Frequency</b>	Offered each winter semester	
<b>Duration</b>	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
<b>Qualification objectives</b>	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.	
<b>Contents</b>	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.	
<b>Teaching and learning methods</b>	Lecture: 4 hours per week Exercise: 1 hour per week Tutorial: 2 hours per week Self-study The language of the module is English.	
<b>Prerequisites for participation</b>	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: . <a href="https://www.core-econ.org/the-economy/">https://www.core-econ.org/the-economy/</a> .	
<b>Usability</b>	The module is a compulsory module in the Master's degree program in Public and International Economics. It creates the prerequisites for the module Research Design.	
<b>Examination</b>	Complex assesment, 50 hours	
<b>Workload and Credit points</b>	360 hours, 12 credit points	
<b>Frequency</b>	Offered each winter semester	
<b>Duration</b>	One semester	

Module number	Module name	Responsible lecturer
WW-D-208-AFÖK WW-MA-208-AFÖK	Aktuelle Fragen der Ökonometrie	Prof. Dr. Bernhard Schipp econometrics@tu-dresden.de
<b>Qualification objectives</b>	Students are familiar with current issues in empirical econometrics and their application. They are able to analyze and discuss them.	
<b>Contents</b>	The module focuses on current research issues in the field of theoretical and empirical econometrics.	
<b>Teaching and learning methods</b>	Seminar: 2 hours per week Self-study The language of the module is German.	
<b>Prerequisites for participation</b>	Knowledge of econometrics at Bachelor's level is required.	
<b>Usability</b>	The module is an elective module in the Master's degree programmes in Business Administration and Business Education as well as in the Diploma programmes in Business Informatics and Industrial Engineering, which is assigned to the area of Supplementary Qualifications. It is to be elected in accordance with the examination regulations.	
<b>Examination</b>	Complex assesment, 90 hours	
<b>Workload and Credit points</b>	150 hours, 5 credit points	
<b>Frequency</b>	Offered each semester	
<b>Duration</b>	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
<b>Qualification objectives</b>	Students will be able to discuss and assess the use and suitability of various microeconomic methods in the field of applied microeconomics, primarily labour economics. On the basis of current research papers, students learn about both common quantitative methods and the state of research in empirical labour economics.	
<b>Contents</b>	The contents of the module are labour supply and demand, in particular education, trade and the role of firms, as well as panel data analysis, in particular instrumental variables, differences-in-differences estimators and regression discontinuity analysis.	
<b>Teaching and learning methods</b>	Lecture: 2 hours per week Self-study The language of the module is English.	
<b>Prerequisites for participation</b>	Knowledge of econometrics from the compulsory courses Empirical Economics and Microeconometrics, especially for panel data analysis, is required. Furthermore, English language skills at level B2 of the Common European Framework of Reference for Languages are required.	
<b>Usability</b>	The module is a compulsory elective module in the Master's degree programme in Business Administration, which is assigned to the areas of Supplementary Qualifications and Presentation and Discussion. In addition, it is an elective module in the diploma programs Business Informatics and Industrial Engineering, which is assigned to the areas of Economics, Presentation and Discussion and Supplementary Qualifications. It is an elective module in the Master's degree programme in Business and Economics Education, which is assigned to the field of Business and Economics and Supplementary Qualifications. The module is a compulsory elective module in the Master's programme in Public and International Economics. It is to be chosen in accordance with the respective examination regulations. The election is only permissible for one of the areas mentioned.	
<b>Examination</b>	Written exam, 90 minutes	
<b>Workload and Credit points</b>	150 hours, 5 credit points	
<b>Frequency</b>	Offered each summer semester	
<b>Duration</b>	One semester	

Module number	Module name	Responsible lecturer
WW-D-208-ISHE WW-MA-208-ISHE	Interdisciplinary Seminar on Health Economics	Prof. Dr. Bernhard Schipp econometrics@tu-dresden.de
<b>Qualification objectives</b>	Students are able to work on selected health economics research questions. They can critically question empirical study designs and discuss the results in an interdisciplinary context.	
<b>Contents</b>	The content of the module is current health economics research questions	
<b>Teaching and learning methods</b>	Seminar: 2 hours per week Self-study The language of the module is English.	
<b>Prerequisites for participation</b>	Knowledge of economics at Bachelor's level and an interest in health economics issues are required.	
<b>Usability</b>	The module is an elective module in the Master's degree programmes in Business Administration and Business Education as well as in the Diploma programmes in Business Informatics and Industrial Engineering, which is assigned to the area of Supplementary Qualifications. It is to be elected in accordance with the examination regulations.	
<b>Examination</b>	Complex assesment, 90 hours	
<b>Workload and Credit points</b>	150 hours, 5 credit points	
<b>Frequency</b>	Offered each summer semester	
<b>Duration</b>	One semester	

## Business Information Systems Advanced

Module number	Module name	Responsible lecturer
WW-D-301-ATIH WW-MA-301-ATIH	Aktuelle Themen der Informationssysteme in Industrie und Handel	Prof. Dr. Susanne Strahringer susanne.strahringer@tu-dresden.de
<b>Qualification objectives</b>	Students are familiar with current issues relating to information systems in industry and commerce from theory and practice. They are able to prepare, present, analyse and discuss these questions using scientific or practical methods. You have in-depth practical project management skills as well as in-depth skills in the area of teamwork and (self-)organization.	
<b>Contents</b>	The contents of the module come from the topics of business application systems, IT management or modern information technologies and their operational use.	
<b>Teaching and learning methods</b>	Project: 2 hours per week Self-study The language of the module is German.	
<b>Prerequisites for participation</b>	Knowledge of the interrelationships and methods of economics, business informatics and computer science at Bachelor's level is required.	
<b>Usability</b>	The module is a compulsory elective module in the Master's degree programmes in Business Administration and Business Education, which is assigned to the area of Supplementary Qualifications. It is also an elective module in the diploma courses in Business Informatics and Industrial Engineering, which is assigned to the field of Business Informatics. It is to be chosen in accordance with the respective examination regulations.	
<b>Examination</b>	Complex assesment, 120 hours	
<b>Workload and Credit points</b>	150 hours, 5 credit points	
<b>Frequency</b>	Offered each winter semester	
<b>Duration</b>	One semester	

Module number	Module name	Responsible lecturer
WW-D-335-HCMA WW-MA-335-HCMA	Health Care Management	Dr. Hannes Schlieter Hannes.Schlieter@tu-dresden.de
<b>Qualification objectives</b>	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.	
<b>Contents</b>	In the module, current issues of management and the design of management systems in the healthcare sector are dealt with and scientifically processed.	
<b>Teaching and learning methods</b>	Seminar: 2 hours per week Self-study The language of the module is German.	
<b>Prerequisites for participation</b>	Good knowledge of basic concepts, methods and contexts of economics at Bachelor's level is required.	
<b>Usability</b>	The module is an elective module in the Master's degree programmes in Business Administration and Business Education as well as in the Diploma programmes in Business Informatics and Industrial Engineering, which is assigned to the area of Supplementary Qualifications. It is to be elected in accordance with the examination regulations.	
<b>Examination</b>	Combined term paper, 100 hours, group performance	
<b>Workload and Credit points</b>	150 hours, 5 credit points	
<b>Frequency</b>	Offered each summer semester	
<b>Duration</b>	One semester	



Module number	Module name	Responsible lecturer
WW-D-301-ATIM WW-MA-301-ATIM	Aktuelle Themen des Informationsmanagements	Prof. Dr. Susanne Strahringer susanne.strahringer@tu-dresden.de
<b>Qualification objectives</b>	Students understand current issues in information management, can explain them and assess them with regard to 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.	
<b>Contents</b>	In a project work, the students deal with current scientific issues of information management in a practical application context.	
<b>Teaching and learning methods</b>	Project: 2 hours per week Self-study The language of the module is English.	
<b>Prerequisites for participation</b>	Knowledge of general project management and methodological basics in the field of scientific work at Bachelor's level is required.	
<b>Usability</b>	The module is a compulsory elective module in the Master's degree programmes in Business Administration and Business Education, which is assigned to the area of Supplementary Qualifications. It is also an elective module in the diploma courses in Business Informatics and Industrial Engineering, which is assigned to the field of Business Informatics. It is to be chosen in accordance with the respective examination regulations.	
<b>Examination</b>	Complex assesment, 110 hours	
<b>Workload and Credit points</b>	150 hours, 5 credit points	
<b>Frequency</b>	Offered each winter semester	
<b>Duration</b>	One semester	

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
<b>Qualification objectives</b>	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.	
<b>Contents</b>	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.	
<b>Teaching and learning methods</b>	Project: 2 hours per week Self-study The language of the module is English.	
<b>Prerequisites for participation</b>	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.	
<b>Usability</b>	The module is a compulsory elective module in the Master's degree programme in Business Administration, which is assigned to the areas of Business Administration and Supplementary Qualifications. It is also an elective module in the Master's degree programme in Business and Business Education, which is assigned to the areas of Business and Economics and Supplementary Qualifications. It is an elective module in the diploma programs Business Informatics and Industrial Engineering, which is assigned to the fields of economics and business informatics.  It is to be chosen in accordance with the respective examination regulations. The election is only permissible for one of the areas mentioned.	

<b>Examination</b>	Complex assesment, 110 hours
<b>Workload and Credit points</b>	150 hours, 5 credit points
<b>Frequency</b>	Offered each winter semester
<b>Duration</b>	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
<b>Qualification objectives</b>	<p>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 expost. 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.</p>	
<b>Contents</b>	<p>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.</p>	
<b>Teaching and learning methods</b>	<p>Lecture: 0,25 hour per week Exercise: 0,25 hour per week Project: 2,5 hours per week Self-study The language of the module is English.</p>	
<b>Prerequisites for participation</b>	<p>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.</p>	
<b>Usability</b>	<p>The module is a compulsory elective module in the Master's degree programme in Business Administration, which is assigned to the areas of Business Administration and Supplementary Qualifications. It is also an elective module in the Master's degree programme in Business and Business Education, which is assigned to the areas of Business</p>	

	<p>and Economics and Supplementary Qualifications. It is an elective module in the diploma programs Business Informatics and Industrial Engineering, which is assigned to the fields of economics and business informatics.</p> <p>It is to be chosen in accordance with the respective examination regulations. The election is only permissible for one of the areas mentioned.</p> <p>The module creates the prerequisites for the ERP-supported business processes module.</p>
<b>Examination</b>	Complex assesment, 90 hours
<b>Workload and Credit points</b>	150 hours, 5 credit points
<b>Frequency</b>	Offered each summer semester
<b>Duration</b>	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
<b>Qualification objectives</b>	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.	
<b>Contents</b>	The course deals with issues that are common in the context of IT-related consulting in the fields of process management, system and pro-otype design, business model development and information management.	
<b>Teaching and learning methods</b>	Project: 3 hours per week Self-study The language of the module is English.	
<b>Prerequisites for participation</b>	Knowledge of the interrelationships and methods of economics, business informatics and computer science at Bachelor's level is required.	
<b>Usability</b>	The module is a compulsory elective module in the Master's degree programme in Business Administration, which is assigned to the areas of Business Administration and Supplementary Qualifications. It is also an elective module in the Master's degree programme in Business and Business Education, which is assigned to the areas of Business and Economics and Supplementary Qualifications. It is an elective module in the diploma programs Business Informatics and Industrial Engineering, which is assigned to the fields of economics and business informatics. It is to be chosen in accordance with the respective examination regulations. The election is only permissible for one of the areas mentioned.	
<b>Examination</b>	Complex assesment, 120 hours	
<b>Workload and Credit points</b>	150 hours, 5 credit points	
<b>Frequency</b>	Offered each summer semester	
<b>Duration</b>	One semester	

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
<b>Qualification objectives</b>	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.	
<b>Contents</b>	In a project work, the students deal with current scientific issues of (digital) business engineering in a practical application context.	
<b>Teaching and learning methods</b>	Project: 2 hours per week Self-study The language of the module is English.	
<b>Prerequisites for participation</b>	Knowledge of general project management and methodological basics in the field of scientific work at Bachelor's level is required.	
<b>Usability</b>	The module is a compulsory elective module in the Master's degree programmes in Business Administration and Business Education, which is assigned to the area of Supplementary Qualifications. It is also an elective module in the diploma courses in Business Informatics and Industrial Engineering, which is assigned to the field of Business Informatics. It is to be chosen in accordance with the respective examination regulations.	
<b>Examination</b>	Complex assessment, 120 hours	
<b>Workload and Credit points</b>	150 hours, 5 credit points	
<b>Frequency</b>	Offered each summer semester	
<b>Duration</b>	One semester	

Module number	Module name	Responsible lecturer
WW-D-305-DAVI WW-MA-305-DAVI	Data Visualization	Prof. Dr. Martin Wiener martin.wiener@tu-dresden.de
<b>Qualification objectives</b>	The students are familiar with central concepts and techniques as well as current software tools for visualizing data. They can use these concepts/techniques and tools to analyze data sets and derive relevant recommendations for action.	
<b>Contents</b>	After an introduction to the basics of data visualization, students work in project teams on the analysis of a large data set.	
<b>Teaching and learning methods</b>	Project: 2 hours per week Self-study The language of the module is English.	
<b>Prerequisites for participation</b>	Good knowledge of basic concepts, methods and contexts of economics at Bachelor's level is required.	
<b>Usability</b>	The module is a compulsory elective module in the Master's degree programmes in Business Administration and Business Education, which is assigned to the area of Supplementary Qualifications. It is also an elective module in the diploma courses in Business Informatics and Industrial Engineering, which is assigned to the field of Business Informatics. It is to be chosen in accordance with the respective examination regulations.	
<b>Examination</b>	Complex assesment, 120 hours	
<b>Workload and Credit points</b>	150 hours, 5 credit points	
<b>Frequency</b>	Offered each winter semester	
<b>Duration</b>	One semester	



Module number	Module name	Responsible lecturer
WW-D-305-DBEN WW-MA-305-DBEN MA-WW-PIE-DBE	Digital Business Engineering	Prof. Dr. Martin Wiener martin.wiener@tu-dresden.de
<b>Qualification objectives</b>	The students are familiar with essential questions and central approaches 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.	
<b>Contents</b>	The contents of the module are essential questions, basic principles as well as selected methods and techniques of (digital) business engineering.	
<b>Teaching and learning methods</b>	Lecture: 1 hour per week Project: 2 hours per week Self-study The language of the module is English.	
<b>Prerequisites for participation</b>	Knowledge of business informatics at Bachelor's level is required.	
<b>Usability</b>	The module is a compulsory elective module in the Master's degree programme in Business Administration, which is assigned to the areas of Business Administration and Supplementary Qualifications. It is also an elective module in the Master's degree programme in Business and Business Education, which is assigned to the areas of Business and Economics and Supplementary Qualifications. It is an elective module in the diploma programs Business Informatics and Industrial Engineering, which is assigned to the fields of economics and business informatics. The module is a compulsory elective module in the Master's programme in Public and International Economics. It is to be chosen in accordance with the respective examination regulations. The election is only permissible for one of the areas mentioned.	
<b>Examination</b>	Complex assessment, 60 hours	
<b>Workload and Credit points</b>	150 hours, 5 credit points	
<b>Frequency</b>	Offered each winter semester	
<b>Duration</b>	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
<b>Qualification objectives</b>	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.	
<b>Contents</b>	Current issues relating to data-driven business models will be addressed.	
<b>Teaching and learning methods</b>	Project: 2 hours per week Self-study The language of the module is English.	
<b>Prerequisites for participation</b>	Knowledge of basic concepts, methods and contexts of economics at Bachelor's level is required.	
<b>Usability</b>	The module is a compulsory elective module in the Master's degree programmes in Business Administration and Business Education, which is assigned to the area of Supplementary Qualifications. It is also an elective module in the diploma courses in Business Informatics and Industrial Engineering, which is assigned to the field of Business Informatics. It is to be chosen in accordance with the respective examination regulations.	
<b>Examination</b>	Complex assesment, 120 hours	
<b>Workload and Credit points</b>	150 hours, 5 credit points	
<b>Frequency</b>	Offered each summer semester	
<b>Duration</b>	One semester	

## Business Education and Management Training Advanced

Module number	Module name	Responsible lecturer
WW-MA-MMEL WW-D-115-MMEL WW-MA-115-MMEL	Multimediales Lernen	Prof. Dr. Bärbel Fürstenau sekretariat.wipaed@mailbox.tu-dresden.de
<b>Qualification objectives</b>	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.	
<b>Contents</b>	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.	
<b>Teaching and learning methods</b>	Seminar: 2 hours per week Project: 1 hour per week Self-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.	
<b>Prerequisites for participation</b>	Knowledge of classical learning theories at Bachelor's level is required.	
<b>Usability</b>	The module is a compulsory module in the Master's degree programme in Business Education in the field of study I. It is also an elective module in the Master's degree programme in Business Administration, which is assigned to the areas of Business Administration and Supplementary Qualifications. It is a compulsory elective module in the Master's degree programme in Business Education in the field of study II, which is as-signed to the field of Business and Economics. It is an elective module in the diploma programs Business Informatics and Industrial Engineer-ing, which is assigned to the areas of economics and supplementary qualifications. It is to be chosen in accordance with the respective examination regula-tions. The election is only permissible for one of the areas mentioned.	
<b>Examination</b>	Complex assesment, 90 hours	
<b>Workload and Credit points</b>	150 hours, 5 credit points	
<b>Frequency</b>	Offered each winter semester	

Duration	One semester
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