



Friedrich-Alexander-Universität
Philosophische Fakultät und
Fachbereich Theologie

Module Handbook

M.A.

Development Economics and International Studies

January 18, 2024

Note for prospective students:

Regional, elective, and elective complementary modules may be subject to change. Seminars can be taken from the second semester onwards. Whether a course is a seminar or a lecture (with a tutorial) is stated in the module description. For further information, please visit the program's website (<https://www.madeis.study.fau.eu/>).

Important note:

Students are allowed and encouraged to take courses from other disciplines that are related to the content of the M.A. DEIS. We strongly encourage students to take modules from the School of Business, Economics and Society in Nürnberg. This allows students to structure the curriculum of the M.A. DEIS individually based on their personal interests and needs.

All courses that are not part of the current module handbook have to be approved by the M.A. DEIS coordinator. Students need to discuss their choice with the program coordinator latest the 2nd week of the semester via the program e-mail address – master-deis@fau.de. Additional modules requested later will be rejected.

Students may also take language courses as complementary elective modules. Language courses do not require separate approval.

Example Curriculum

	Module title	Course type	Hours/week			ECTS	Form of assessment
			L	T	S		
1	Statistics Refresher course	Lecture + Tutorial	2	1		5	Written exam
	Introduction to Stata	Lecture	1			2,5	Course achievement w/o grade
	Research Methods I	Lecture + Tutorial	2	1		5	Written exam
	Development Economics I	Lecture + Tutorial	2	1		5	Written exam
	International Economics I	Lecture + Tutorial	2	1		5	Written exam
	Elective Module I	Lecture + Tutorial	2	(1)		5	Written exam
	Elective Complementary Modules III	Varying course types; e.g. language course	1-2			2,5	Course achievement w/o grade
2	International Economics II	Seminar			2	5	presentation & term paper
	Development Economics II	Lecture + Tutorial	2	1		5	Written exam
	Research Methods II	Lecture + Tutorial	2	1		5	Written exam
	International Business Ethics I	Lecture + Tutorial	2	1		5	Written exam
	Advanced Topics in Stata	Lecture	1			2,5	Course achievement w/o grade
	Regional Module I	Lecture + Tutorial or Seminar	(2)	(1)	(2)	5	Written exam or presentation & term paper
	Elective Module II	Lecture + Tutorial or Seminar	(2)	(1)	(2)	5	Written exam or presentation & term paper
3	International Business Ethics II	Lecture and Tutorial or Seminar	(2)	(1)	(2)	5	Written exam or presentation & term paper
	Regional Module II	Lecture + Tutorial or Seminar	(2)	(1)	(2)	5	Written exam or presentation & term paper
	Elective Module III	Lecture + Tutorial or Seminar	(2)	(1)	(2)	5	Written exam or presentation & term paper
	Elective Module IV	Lecture + Tutorial or Seminar	(2)	(1)	(2)	5	Written exam or presentation & term paper
	Elective Complementary Modules IV	Varying course types	2-3			5	Course achievement w/o grade
	Elective Complementary Modules V	Varying course types; e.g. language course	1-2			2,5	Course achievement w/o grade
4	Master Thesis					30	Master thesis (50 – 70 pages)

Note: Students are expected to acquire 30 ECTS on average in each semester, i.e. students may acquire less (or more) than 30 ECTS in a given semester. Students may also earn up to 10 ECTS for completing an internship during their studies that is related to the DEIS program. (Students may request leave from the university for one semester.) For further information, please see [Frequently Asked Questions](#).

Course structure

Compulsory modules (40 ECTS):

- Research Methods I + II
- Development Economics I + II
- International Economics I + II
- International Business Ethics I + II

Regional modules (10 ECTS)

Elective modules (20 ECTS)

Complementary elective modules (20 ECTS)

Master thesis (30 ECTS)

Module description

for the degree programme

Master of Arts Development

Economics and

International Studies

(Version of examination regulation: 20192)

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1	Module name 38011	Development Economics I Development economics I	5 ECTS
2	Courses / lectures	Vorlesung mit Übung: Development Economics I (3 SWS)	5 ECTS
3	Lecturers	Prof. Dr. Johannes Paha	

4	Module coordinator	Prof. Dr. Christine Binzel Prof. Dr. Johannes Paha
5	Contents	<p>The course Development Economics I gives students an introduction to the economics of developing countries. A significant part of the course will be devoted to discussing recent empirical work that draws on survey and other data from developing countries. In doing so, the course will provide students with an overview of the state-of-the-art in the field. Covered topics include, amongst others, history and institutions, poverty, education, and health.</p> <p>The majority of empirical papers will be concerned with establishing causal relationships, such as the effect of school inputs on educational outcomes or the effect of microfinance on poverty. Therefore, both experimental and quasi-experimental methods will be introduced.</p>
6	Learning objectives and skills	Students (1) achieve an understanding of key concepts in development economics, with a focus on history and institutions, poverty, social assistance programs and targeting, education, and health, (2) learn about experimental and quasi-experimental methods in (development) economics research, (3) gain an overview of the state-of-the-art research on the covered topics, and (4) strengthen their skills in how to critically read and assess applied microeconomic work.
7	Prerequisites	None.
8	Integration in curriculum	semester: 1
9	Module compatibility	<p>Pflichtmodul Master of Arts Development Economics and International Studies 20192</p> <p>Compulsory module for: "M.A. Development Economics and International Studies"; Elective module for "MA Nahoststudien"</p>
10	Method of examination	Written examination Written exam (60 minutes)
11	Grading procedure	Written examination (100%) Written exam (100%)

12	Module frequency	only in winter semester
13	Workload in clock hours	Contact hours: 45 h Independent study: 105 h
14	Module duration	1 semester
15	Teaching and examination language	english
16	Bibliography	Main Textbook: Alain de Janvry, and Elisabeth Sadoulet. 2015. <i>Development Economics: Theory and Practice</i> , Routledge. Further reading, in particular research articles, will be provided during class.

1	Module name 38022	Development Economics II Development economics II	5 ECTS
2	Courses / lectures	The teaching units in the module are only offered in the summer semester.	
3	Lecturers	-	

4	Module coordinator	Prof. Dr. Christine Binzel Prof. Dr. Johannes Paha
5	Contents	The course Development Economics II gives students an introduction to the economics of developing countries. A significant part of the course will be devoted to discussing recent empirical work that draws on survey and other data from developing countries. In doing so, the course will provide students with an overview of the state-of-the-art in the field. Covered topics include, amongst others, financial services to the poor, development aid, governance, corruption, and gender inequality.
6	Learning objectives and skills	Students (1) achieve an understanding of key concepts in development economics, with a focus on migration, financial services to the poor, development aid, political economy of the state, and gender inequality, (2) gain an overview of the state-of-the-art research on the covered topics, and (4) strengthen their skills in how to critically read and assess applied microeconomic work.
7	Prerequisites	None. Attendance of the course "Development Economics I" is recommended.
8	Integration in curriculum	semester: 2
9	Module compatibility	Pflichtmodul Master of Arts Development Economics and International Studies 20192 Compulsory module for: "M.A. Development Economics and International Studies"; Elective module for "MA Nahoststudien"
10	Method of examination	Written or oral Written exam (60 minutes)
11	Grading procedure	Written or oral (100%) Written exam (100%)
12	Module frequency	only in summer semester
13	Workload in clock hours	Contact hours: 45 h Independent study: 105 h
14	Module duration	1 semester
15	Teaching and examination language	english

16	Bibliography	<p>Main Textbook: Alain de Janvry, and Elisabeth Sadoulet. 2015. <i>Development Economics: Theory and Practice</i>, Routledge.</p> <p>Further reading, in particular research articles, will be provided during class.</p>
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1	Module name 38051	International Business Ethics I International business ethics I	5 ECTS
2	Courses / lectures	The teaching units in the module are only offered in the summer semester.	
3	Lecturers	-	

4	Module coordinator	Prof. Dr. Matthias Fifka Milena Störmer
5	Contents	<p>After the financial crisis and recent corporate scandals at Wirecard, Volkswagen, Sanlu, Deutsche Bank, and many others, the call for ethical management of businesses, especially multinational corporations, has increased dramatically.</p> <p>In this course, we will look at the broad area of business ethics. As a theoretical foundation, ethical theories will be considered and concepts such as sustainability, corporate social responsibility (CSR), and corporate citizenship (CC) will be analyzed.</p> <p>Moreover, in the age of globalization, climate change, and grand challenges such as the coronavirus SARS-CoV-2 pandemic, business increasingly takes place in an environment where political and cultural boundaries that challenge corporate values are constantly crossed. Businesses are constantly confronted with issues such as environmental depletion, poverty, child labor, bribery and corruption, ethnic and religious discrimination, censorship and privacy issues, fair trade, and consumer boycotts, to mention a few. Thus, we will address, e.g., the challenges that organizations are confronted with when trying to do business ethically, what it takes to be a good corporate citizen, and how companies can deal with stakeholder demands.</p>
6	Learning objectives and skills	<p>Students acquire basic knowledge of ethics and business ethics. They are made familiar and learn how to address the challenges that organizations face when trying to do business ethically, be a good corporate citizen, and deal with stakeholder demands.</p> <p>In this lecture, students will:</p> <ul style="list-style-type: none"> • acquire basic knowledge in ethics and business ethics; • understand important ethical theories and apply them to practical examples; • understand important concepts such as corporate social responsibility and sustainability;

		<ul style="list-style-type: none"> • learn how to address the challenges that organizations are confronted with when trying to do business ethically; • critically reflect what it takes to be a good corporate citizen; • develop strategies to deal with stakeholder demands; • learn how to implement corporate governance in an organization.
7	Prerequisites	None
8	Integration in curriculum	semester: 2
9	Module compatibility	Pflichtmodul Master of Arts Development Economics and International Studies 20192
10	Method of examination	Written examination Written Examination (60 minutes).
11	Grading procedure	Written examination (100%) Written exam (100%)
12	Module frequency	only in summer semester
13	Workload in clock hours	Contact hours: 45 h Independent study: 105 h
14	Module duration	1 semester
15	Teaching and examination language	english
16	Bibliography	<ul style="list-style-type: none"> • Austin, J.; Stevenson, H. & Wei- Skillern, J. (2006) "Social and commercial entrepreneurship: same, different, or both?" Entrepreneurship, Theory and Practice, 30 (1): 1-22. • Crane A. & Matten, D. (2019) "Business ethics: Managing Corporate Citizenship and Sustainability in the Age of Globalization", 5th Edition, Oxford University Press: Oxford. • Enderle, G. (2000) "Business Ethics in the Intercultural and Global Context: A conceptual framework", Zeitschrift für Wirtschafts- und Unternehmensethik / Journal for Business, Economics & Ethics, 1(3): 263-285. • Fifka, M. & Loza Adauí, C. (2015) "Managing stakeholders for the sake of business and society", in O'Riordan, L.; Zmuda, P & Heinemann, S. (Eds.) New Perspectives on Corporate Social Responsibility. Locating the Missing Link, Springer Gabler: Wiesbaden, pp. 71-88. • Friedman, M. (1970) "The Social Responsibility of Business Is to Increase Its Profits." The New York Times Magazine. • Garriga, E. and Melé, D. (2004) "Corporate Social Responsibility Theories: Mapping the Territory", Journal of Business Ethics, 53: 51-71 • Grant, C. (1991) "Friedman fallacies", Journal of Business Ethics, 10: 907-914. • Melé, D. (2020) "Business ethics in action: Managing human excellence in organizations", 2nd Edition, Red Globe Press: London.

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| | <ul style="list-style-type: none">• Trevino, L.K. and Brown, M.E. (2004) "Managing to be Ethical: Debunking Five Business Ethics Myths", Academy of Management Executive, 18 (2): 69-81. |
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1	Module name 38061	International Business Ethics II International business ethics II	5 ECTS
2	Courses / lectures	Masterseminar: International Business Ethics II (2 SWS)	5 ECTS
3	Lecturers	Prof. Dr. Matthias Fifka	

4	Module coordinator	Prof. Dr. Matthias Fifka Milena Störmer
5	Contents	<p>This seminar builds on the foundation laid throughout IBE I held in the summer semester. As in the last term, the theoretical foundation of business ethics, CSR and sustainability was laid, it is the purpose of IBE II to address the practical implementation of these concepts.</p> <p>Despite the fact that CSR and sustainability are given increasing attention in all realms of society, many for-profit and non-profit-organizations have not succeeded in implementing sustainability and CSR on a strategic level. Instead, their efforts remain cosmetic or “window-dressing”, as Milton Friedman called it, and thus do not contribute a significant value to the organization and society. In these cases, CSR and sustainability usually do not reach the core business and remain outside of the value chain.</p> <p>It is the purpose of this module to convey how a strategic CSR and sustainability concept can be developed and implemented in an organization. To support this aim, we will do “real life” case studies, meaning cases of firms from different continents that have successfully or unsuccessfully integrated CSR into their core business.</p>
6	Learning objectives and skills	<p>Many of the following skills can only be obtained through the active participation of students in class during the seminar. Therefore, their presence during the seminar sessions is a precondition for a successful skill development process.</p> <p>In this seminar, students will:</p> <ul style="list-style-type: none"> • learn how to develop a coherent CSR strategy for a company • analyze the megatrends that will have a major impact on business in the 21st century • learn how to assess the strengths and weaknesses of a company when developing a CSR strategy • learn how to implement CSR in the different functional areas of a company by solving case studies • learn how to measure and to communicate CSR to internal and external stakeholders • learn and practice how to communicate clearly and respectfully their arguments and points of view in classroom.

		<ul style="list-style-type: none"> • provide constructive feedback on the presentations of their fellow students. • reflect upon their own behavior as part of the global business community under consideration of fundamental ethical questions. • learn and practice how to present clearly and effectively a particular issue related to the international business ethics discussion.
7	Prerequisites	It is strongly recommended that students previously participated in the course <i>International Business Ethics I</i> in order to have obtained the necessary foundations.
8	Integration in curriculum	semester: 3
9	Module compatibility	Pflichtmodul Master of Arts Development Economics and International Studies 20192
10	Method of examination	Written or oral Presentation (40 minutes); Written assignment (app. 15 pages)
11	Grading procedure	Written or oral (100%) Written assignment (66 %) and presentation (33 %)
12	Module frequency	only in winter semester
13	Workload in clock hours	Contact hours: 30 h Independent study: 120 h
14	Module duration	1 semester
15	Teaching and examination language	english
16	Bibliography	

1	Module name 38001	International Economics I International economics I	5 ECTS
2	Courses / lectures	Vorlesung mit Übung: International Economics I (3 SWS)	5 ECTS
3	Lecturers	Dr. Karrar Hussain	

4	Module coordinator	Dr. Karrar Hussain
5	Contents	<p>This course has two main parts. The first part introduces students to the theoretical models of trade which explain the rationale, pattern, and effect of trade on the participant countries. The second part of the course focuses on trade policy. Here the various trade policy instruments are analyzed, and the political economy of trade policy is introduced. Finally, the debates in trade policy are highlighted from the perspective of the developing world. The contents are divided into three main parts:</p> <ul style="list-style-type: none"> • Trade models • Instruments of trade policy • The political economy of trade policies.
6	Learning objectives and skills	<p>This module aims for students to learn and explain how economic theory can be used to understand the reasons why countries trade with each other and the welfare impact of this trade on the countries as a whole and on groups (consumers, producers, government) within these.</p> <p>The second objective is to introduce students to the menu of policy interventions and instruments available to countries used to limit or enhance trade so that they understand the impact of these policies on the economic welfare of the country and the various groups within a country. The political economy aspect of trade policy will also be covered with the objective of informing students about the role of competing interests and lobbying behavior in policymaking.</p>
7	Prerequisites	Basic microeconomics knowledge and mathematical sophistication are strongly recommended.
8	Integration in curriculum	semester: 1
9	Module compatibility	<p>Pflichtmodul Master of Arts Development Economics and International Studies 20192</p> <p>Compulsory module for: "M.A. Development Economics and International Studies"; Elective module for "MA Nahoststudien"</p>
10	Method of examination	<p>Written examination</p> <p>Final Examination (75 minutes). Failed exams can be retaken twice.</p>
11	Grading procedure	<p>Written examination (100%)</p> <p>Final Written Examination: 100%</p>
12	Module frequency	only in winter semester
13	Workload in clock hours	<p>Contact hours: 45 hours</p> <p>Independent study: 105 hours</p>
14	Module duration	1 semester

15	Teaching and examination language	english
16	Bibliography	Paul R. Krugman, Maurice Obstfeld, Marc J. Melitz (2018): International Economics. Theory and Policy, 11th ed., Pearson, Chapters 1-12.

1	Module name 38031	International Economics II International economics II	5 ECTS
2	Courses / lectures	The teaching units in the module are only offered in the summer semester.	
3	Lecturers	-	

4	Module coordinator	Dr. Karrar Hussain
5	Contents	<p>The course is designed as a graduate seminar in international trade for students who already have a background in “International Economics I”. Student in the course works on an assigned topic focusing on one of the central questions or certain policy challenge of international trade. Depending on the total enrolment, a group of a minimum of two or a maximum of three students presents their arguments, findings, and policy recommendation(s) for a maximum of 45 minutes. Each group presentation is followed by a class in-depth discussion. Based on the material/topic prepared for the assignment, the group prepare a joint research paper.</p>
6	Learning objectives and skills	<p>This module aims for students to understand and explain how economic theory can be used to understand the reasons why countries trade with each other and the welfare impact of this trade on the countries as a whole and on groups (consumers, producers, government) within these.</p> <p>The second objective is to develop students’ skills in the following area:</p> <p>Subject-specific skills:</p> <ul style="list-style-type: none"> • Students apply theoretical models and acquire specialized and in-depth knowledge on a particular topic related to international trade in developing countries. • Students apply policy analysis and conduct in-depth research (independently or in pairs) to examine complex dynamics driving international trade and evaluate impacts on various socio-economic variables. • Students develop independent ideas and concepts to explain patterns of international trade, evaluate impacts, and draw informed conclusions. <p>Learning and methodological skills:</p> <ul style="list-style-type: none"> • Students answer independently a research question related to the seminar topic. They do this by carrying out (independently or in pairs) in-depth research that involves gathering, analyzing, and interpreting documents and scientific literature related to the research questions to better understand the drivers, barriers, and impacts of trade on a range of variables. • Students plan and implement the research project in new and interdisciplinary contexts. As such, they also reflect on the learning process and expand their knowledge of appropriate methods. • Students apply scientific standards for writing, argumentation, and citation.

		<p>Personal skills:</p> <ul style="list-style-type: none"> • Students write and present complex, subject-specific content clearly, effectively, and based on scientific standards. • Students reflect upon personal strengths and weaknesses regarding analytical, presentation, and writing skills, and plan personal development accordingly. <p>Social skills:</p> <ul style="list-style-type: none"> • Students work cooperatively and responsibly and critically reflect upon and improve their own cooperative behavior. • Students communicate clearly and respectfully their arguments and points of view in the classroom. • Students give fellow students constructive feedback on their research papers and presentations.
7	Prerequisites	None. Basic microeconomics knowledge and mathematical sophistication are strongly recommended.
8	Integration in curriculum	semester: 2
9	Module compatibility	<p>Pflichtmodul Master of Arts Development Economics and International Studies 20192</p> <p>Compulsory module for "MA in Development Economics and International Studies", Elective module for "MA Nahoststudien"</p>
10	Method of examination	<p>Written or oral</p> <p>Written assignment (ca. 15 pages) and presentation (40 minutes).</p>
11	Grading procedure	<p>Written or oral (100%)</p> <p>Failed exams can be retaken twice.</p>
12	Module frequency	only in summer semester
13	Workload in clock hours	<p>Contact hours: 30 h</p> <p>Independent study: 120 h</p>
14	Module duration	1 semester
15	Teaching and examination language	english
16	Bibliography	<ul style="list-style-type: none"> • Paul R. Krugman, Maurice Obstfeld, Marc J. Melitz (2018): International Economics. Theory and Policy, 11th ed., Pearson, Chapters 1-12. • Robert C. Feenstra, Alan M. Taylor (2017): International Trade, 4th ed., Worth Publishers, Chapters 1-11. • Assigned articles.

1	Module name 38041	Research Methods I Research methods I	5 ECTS
2	Courses / lectures	Vorlesung mit Übung: Research Methods I (3 SWS)	5 ECTS
3	Lecturers	Dr. Lisa Rogge	

4	Module coordinator	Prof. Dr. Andreas Landmann
5	Contents	<ul style="list-style-type: none"> • Introduction • Simple Regression Analysis • Multiple Regression Analysis – Estimation • Multiple Regression Analysis – Inference • Multiple Regression Analysis – Asymptotics & More • Multiple Regression Analysis – Dummy Variables • Heteroskedasticity • Specification and Data Issues • Counterfactual Notation / Identification Approaches • Instrumental Variables • Panel Data Methods
6	Learning objectives and skills	<p>Students are equipped with the core models and techniques in econometrics (including simple and multiple regression analysis, instrumental variables, and panel data methods) so that they are able to understand empirical papers in economics and to conduct quantitative studies. They apply the models to economic data and interpret the results both from a statistical and economic point of view. Methodological skills that the students acquire are to conduct hypothesis tests of model parameters, to evaluate the goodness of fit, and to select optimal estimators of models. In the tutorials, students present and critically discuss empirical estimates of quantitative models.</p>

7	Prerequisites	The program's entry requirements include a background in statistics/econometrics. It is therefore strongly recommended that students who are not very well versed in those fields take the Statistics Refresher Course in the week before Research Methods I. Those with strong background in statistics/econometrics may not need to take it. It is also advisable to attend the Introduction to Stata class.
8	Integration in curriculum	semester: 1
9	Module compatibility	Pflichtmodul Master of Arts Development Economics and International Studies 20192
10	Method of examination	Written examination Written examination (60 minutes)
11	Grading procedure	Written examination (100%) Written exam (100%)
12	Module frequency	only in winter semester
13	Workload in clock hours	Contact hours: 45 h Independent study: 105 h
14	Module duration	1 semester
15	Teaching and examination language	english
16	Bibliography	Wooldridge, J. M., Introductory Econometrics: A Modern Approach, 6th ed., Cengage Learning, 2015

1	Module name 38071	Research Methods II Research methods II	5 ECTS
2	Courses / lectures	The teaching units in the module are only offered in the summer semester.	
3	Lecturers	-	

4	Module coordinator	Prof. Dr. Andreas Landmann
5	Contents	<p>Introduction</p> <p>Quasi-Experimental Methods:</p> <ul style="list-style-type: none"> • Propensity Score Matching • Difference-in-difference • Regression-Discontinuity Design <p>Randomized Control Trials (RCTs):</p> <ul style="list-style-type: none"> • Motivation, History, and Ethics • Theory of Change and building hypotheses • Data and Measurement • Randomization techniques • Designing an RCT • Inference and power calculations
6	Learning objectives and skills	<p>Based on the core models and techniques from Research Methods I, students are equipped with a sound understanding about modern econometric methods to analyze causal questions in quantitative research. This comprises both quasi-experimental as well as experimental methods, which are most commonly used in empirical research in economics. Students gain an understanding of the assumptions, advantages, and disadvantages</p>

		related to different methods. Also, they apply the models to economic data and interpret the results both from a statistical as well as from an economic point of view. They also gain insights into running field research. In the tutorials, students present and critically discuss empirical estimates of quantitative models.
7	Prerequisites	Since the lecture builds on the quantitative techniques that are the subject matter of Research Methods I it is strongly recommended that students take the course before enrolling in Research Methods II.
8	Integration in curriculum	semester: 2
9	Module compatibility	Pflichtmodul Master of Arts Development Economics and International Studies 20192
10	Method of examination	Written examination Written examination (60 minutes)
11	Grading procedure	Written examination (100%) Written examination (100%)
12	Module frequency	only in summer semester
13	Workload in clock hours	Contact hours: 45 h Independent study: 105 h
14	Module duration	1 semester
15	Teaching and examination language	english
16	Bibliography	<ul style="list-style-type: none"> • Angrist, Joshua D., and Jörn-Steffen Pischke. 2009. Mostly Harmless Econometrics: An Empiricist's Companion. Princeton, NJ: Princeton University Press • Gertler, Paul J., Sebastian Martinez, Patrick Premand, Laura B. Rawlings, and Christel M. J. Vermeersch. 2011. Impact Evaluation in Practice. The World Bank. http://tinyurl.com/kbgwv9p.

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| | <ul style="list-style-type: none">• Glennerster, Rachel., and Kudzai Takavarasha. 2013. Running Randomized Evaluations: A Practical Guide. Princeton University Press. doi:10.2307/j.ctt4cgd52. |
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Regional modules

1	Module name 38142	Business and Society Business & Society in Africa	5 ECTS
2	Courses / lectures	The teaching units in the module are only offered in the summer semester. Attendance is mandatory.	
3	Lecturers	-	

4	Module coordinator	Milena Störmer
5	Contents	<p>The world order is changing and multi-national corporations (MNCs) are taking on new responsibilities, whether that is on a voluntary or regulatory basis. Next to its economic responsibilities, MNCs are progressively engaging in social, ecological, and political responsibilities. Grand challenges such as the global pandemic, physical and economic insecurities, and fragile democracies need immediate action as stakeholder pressure and the call to fill governance gaps is drastically increasing. Today, corporations have more responsibilities than ever before.</p> <p>This seminar is designed to discuss the changing role of business in today's world, particularly focusing on the African and Latin American regions. The aim is to provide a comprehensive theoretical as well as empirical foundation to assess grand challenges that societies and organizations face. Sustainable business development will play a central role in understanding how MNCs can contribute to today's societal and grand challenges.</p> <p>Students will examine business actions in various institutional contexts (e.g., economic, political-legal, and socio-cultural) and address the relationships between business and society critically, considering alternative approaches to management. Contemporary social challenges in management will be discussed from an organizational (e.g.: corporate social responsibility (CSR), corporate citizenship (CC), stakeholder management, inclusive business, and social enterprises) and systemic perspective (e.g.: sustainable development, cross-sector interactions, and social innovation).</p>
6	Learning objectives and skills	<ul style="list-style-type: none"> Students analyze the changes in the role of business in African or Latin American societies taking in consideration multiple institutional contexts (e.g. economic, political-legal, and socio-cultural). Students reflect and evaluate the different theoretical approaches that explain the particularities of the business and society relationships in Africa or Latin America.

		<ul style="list-style-type: none"> Students independently answer a research question regarding a particular issue related to the business and society relationships in Africa or Latin America. Students plan, carry out research, evaluate and analyze scientific literature related to an issue considered relevant for the better understanding of the business and society relationships Students can present clearly and effectively a particular issue related to the complex business and society relationship in Africa or Latin America
7	Prerequisites	Intended stage in the degree course: second/ third semester
8	Integration in curriculum	semester: 2
9	Module compatibility	Elective Modules Master of Arts Development Economics and International Studies 20192 Freie Ergänzungsstudien Master of Arts Development Economics and International Studies 20192 Regional Modules Master of Arts Development Economics and International Studies 20192
10	Method of examination	Presentation/written assignment Written assignment (15 pages), presentation (40 minutes)
11	Grading procedure	Presentation/written assignment (100%) Written assignment (67%), presentation (33%)
12	Module frequency	only in summer semester
13	Workload in clock hours	Contact hours: 30 h Independent study: 120 h
14	Module duration	1 semester
15	Teaching and examination language	english
16	Bibliography	<ul style="list-style-type: none"> Carroll, A. and Buchholtz, A.K. (2015) Business & Society: Ethics, Sustainability, and Stakeholder Management, Ninth Edition, Stamford, CT: Cengage Learning. Lawrence, A.T. and Weber, J. (2014) Business and Society: Stakeholders, Ethics, Public Policy, Fourteenth Edition, International Edition, Singapore: McGraw Hill Education. Lissner, R.N. and Sherman, H. (2014) Business, Society, and Government Essentials: Strategy and Applied Ethics, Second Edition, New York: Routledge.

1	Module name 38139	Economic History and Development of Europe and the Middle East	5 ECTS
2	Courses / lectures	The teaching units in the module are only offered in the summer semester. Attendance required.	
3	Lecturers	-	

4	Module coordinator	Prof. Dr. Christine Binzel
5	Contents	The seminar gives an introduction to the economic history and development of Europe vis-à-vis the Middle East, in particular explanations for why the Middle East, once economically and scientifically advanced, fell behind Europe. The latter includes an examination of how Islam likely shaped the economic development of the Middle East. Throughout, the emphasis is on analysis rather than description.
6	Learning objectives and skills	Students (1) deepen their knowledge about and their understanding of the economic history and development of Europe vis-à-vis the Middle East, (2) work independently on a particular research topic, (3) engage with the academic literature and thereby strengthen their ability to critically read and assess applied work, and (4) improve their skills on how to structure and discuss academic work. Furthermore, by actively participating in class, students (5) learn how to apply peer review techniques and how to react on peer review – one of the most important instruments in scientific life.
7	Prerequisites	None.
8	Integration in curriculum	semester: 2;4
9	Module compatibility	Elective Modules Master of Arts Development Economics and International Studies 20192 Freie Ergänzungsstudien Master of Arts Development Economics and International Studies 20192 Regional Modules Master of Arts Development Economics and International Studies 20192
10	Method of examination	Presentation/written assignment Written assignment (15 pages) and presentation (30 minutes)
11	Grading procedure	Presentation/written assignment (100%) Written assignment (67 %), Presentation (33 %)
12	Module frequency	only in summer semester
13	Workload in clock hours	Contact hours: 30 h Independent study: 120 h
14	Module duration	1 semester
15	Teaching and examination language	english

16	Bibliography	<p>The class will draw on journal articles which will be made available via StudOn as well as on the following three books:</p> <p>Kuran, Timur. 2011. <i>The Long Divergence: How Islamic Law Held Back the Middle East</i>. Princeton: Princeton University Press.</p> <p>Platteau, Jean-Philippe. 2017. <i>Islam Instrumentalised: Religion and Politics in Historical Perspective</i>. Cambridge: Cambridge University Press.</p> <p>Rubin, Jared. 2017. <i>Rulers, Religion, and Riches: Why the West Got Rich and the Middle East Did Not</i>. New York: Cambridge University Press.</p>
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1	Module name 38126	Political Economy of the Middle East	5 ECTS
2	Courses / lectures	Masterseminar: Political Economy of the Middle East (2 SWS) Yes	-
3	Lecturers	Dr. Stephanie Müssig Prof. Dr. Christine Binzel	

4	Module coordinator	Prof. Dr. Christine Binzel Dr. Stephanie Müssig
5	Contents	The seminar gives an introduction to contemporary issues related to the Middle East and Islam from both an economic and a political science perspective. Topics covered include, amongst others, Islam and socio-economic outcomes, Islamic movements, women's political participation, social norms, ethnic inequality, and terrorism. Throughout, the focus is on recent empirical work.
6	Learning objectives and skills	Students (1) deepen their knowledge about and their understanding of the Middle East, (2) work independently on a particular research topic, (3) engage with the academic literature and thereby strengthen their ability to critically read and assess applied work, and (4) improve their skills on how to structure and discuss academic work. Furthermore, by actively participating in class, students (5) learn how to apply peer review techniques and how to react on peer review, one of the most important instruments in scientific life.
7	Prerequisites	Successful completion of the courses Development Economics I and/or II is recommended.
8	Integration in curriculum	semester: 3
9	Module compatibility	Elective Modules Master of Arts Development Economics and International Studies 20192 Freie Ergänzungsstudien Master of Arts Development Economics and International Studies 20192 Regional Modules Master of Arts Development Economics and International Studies 20192 Regional or elective module for: "M.A. Development Economics and International Studies"; Elective module for "MA Nahoststudien."
10	Method of examination	Presentation/written assignment Written assignment (15 pages) and presentation (30 minutes).
11	Grading procedure	Presentation/written assignment (100%) Written assignment (67 %), Presentation (33 %).
12	Module frequency	only in winter semester
13	Workload in clock hours	Contact hours: 30 h Independent study: 120 h

14	Module duration	1 semester
15	Teaching and examination language	english
16	Bibliography	The readings will be provided via StudOn.

1	Module name 38138	Social Health Protection in South and East Asia	5 ECTS
2	Courses / lectures	The teaching units in the module are only offered in the summer semester. Mandatory attendance	
3	Lecturers	-	

4	Module coordinator	Prof. Dr. Andreas Landmann
5	Contents	<p>Topics vary from year to year. Besides basic conceptual issues in Social Health Protection (SHP), there is a focus on empirical analyses of SHP policies and their effects. Possible topics include:</p> <ul style="list-style-type: none"> • Incentive problems in SHP schemes • Financial protection of users • Other social impacts of SHP policies (education, child labour...) • Financing models for SHP • Gender aspects in SHP • Supply versus demand side models for SHP • Country-specific experiences of SHP reforms
6	Learning objectives and skills	<p>Besides learning some basic concept around SHP, students present and critically discuss empirical research on the recent experiences of many South and East Asian countries, many of which have recently engaged in large-scale reforms aiming at universal health coverage. Students will present their assignments in the seminar. This will develop their skills to understand key challenges in SHP conceptually, to extract related results from quantitative studies, and to present them in a coherent and succinct way. The presentation will be followed by a discussion. In the discussion, students should demonstrate that they have a profound knowledge of the subject that they presented. The discussion also helps students to be convincing and successful in academic discussions. Students demonstrate that they are able to review the relevant literature comprehensively and critically. In particular, they identify the strengths, weaknesses, and gaps in the empirical literature.</p>
7	Prerequisites	Knowledge of Research Methods and Development Economics is recommended
8	Integration in curriculum	semester: 2;4
9	Module compatibility	<p>Elective Modules Master of Arts Development Economics and International Studies 20192</p> <p>Freie Ergänzungsstudien Master of Arts Development Economics and International Studies 20192</p> <p>Regional Modules Master of Arts Development Economics and International Studies 20192</p>
10	Method of examination	<p>Presentation/written assignment</p> <p>Written assignment (15 pages), presentation (40 minutes)</p>
11	Grading procedure	<p>Presentation/written assignment (100%)</p> <p>Written assignment (67%), presentation (33%)</p>
12	Module frequency	only in summer semester

13	Workload in clock hours	Contact hours: 30 h Independent study: 120 h
14	Module duration	1 semester
15	Teaching and examination language	english
16	Bibliography	<p>Besides journal articles on specific topics, the following sources will be considered as general references / introductory reading:</p> <ul style="list-style-type: none"> • Bhattacharya, Jay, Timothy Hyde, and Peter Tu. 2014. Health Economics. Basingstoke: Palgrave Macmillan. • Cotlear, Daniel, Somil Nagpal, Owen Smith, Ajay Tandon, and Rafael Cortez. 2015. Going Universal: How 24 Developing Countries Are Implementing Universal Health Coverage from the Bottom Up. Washington, DC: World Bank. https://doi.org/10.1596/978-1-4648-0610-0. • International Labour Organisation. 2008. "Social Health Protection: An ILO Strategy towards Universal Access to Health Care." Social Security Policy Briefings. https://www.ilo.org/wcmsp5/groups/public/---ed_protect/---soc_sec/documents/publication/wcms_secsec_5956.pdf. • Normand, Charles, and Axel Weber. 2009. Social Health Insurance: A Guidebook for Planning. Bad Homburg: VAS. https://www.who.int/health_financing/documents/shi-guidebook.pdf.

Elective modules

1	Module name 52890	Applied econometrics	5 ECTS
2	Courses / lectures	Übung: Ü: Applied Econometrics (2 SWS) Vorlesung: VL: Applied Econometrics (2 SWS) Tutorium: TUT: Applied Econometrics (Online) (SWS)	2,5 ECTS 2,5 ECTS 0 ECTS
3	Lecturers	Irina Simankova Prof. Dr. Harald Tauchmann	

4	Module coordinator	Prof. Dr. Harald Tauchmann
5	Contents	The linear Regression model based on a firm theoretical basis and using rigorous notation; endogeneity and instrumental variables estimation; the generalized regression model and heteroscedasticity, the basics of maximum likelihood estimation; using STATA® for applied econometric work
6	Learning objectives and skills	The students deepen their knowledge of linear and non-linear estimation techniques as well as their knowledge of hypotheses testing; students learn how to apply their methodical knowledge to empirical work using the software STATA® and how to interpret estimation results.
7	Prerequisites	Basic knowledge of statistics and econometrics as covered by the optional preparatory course (levelling course).
8	Integration in curriculum	semester: 1
9	Module compatibility	Elective Modules Master of Arts Development Economics and International Studies 20192 Freie Ergänzungsstudien Master of Arts Development Economics and International Studies 20192
10	Method of examination	Written examination (90 minutes) Written exam partly single-choice
11	Grading procedure	Written examination (100%) Limited grade improvement through voluntary homework assignment possible
12	Module frequency	only in winter semester
13	Workload in clock hours	Contact hours: 60 h Independent study: 90 h
14	Module duration	1 semester
15	Teaching and examination language	english
16	Bibliography	Greene, W. H. (2012): Econometric Analysis, Pearson, 7th ed.

1	Module name 75644	Basismodul Außereuropäische Regionen II Basic module: Non-European politics II	5 ECTS
2	Courses / lectures	Proseminar: Lines in Sand? History, Problems and Tribulations of Modern Middle Eastern Borders and State Territories (SWS) Proseminar: Zwischen Emanzipation und neuen Abhängigkeiten. Regime und Geopolitik im post-kolonialen Afrika. (2 SWS) Proseminar: Grundlagen der Vergleichenden Analyse Politischer Systeme: Schwerpunkt MENA (SWS) ja	- - -
3	Lecturers	Philipp Winkler Dr. Simon Primus Katharina Nicolai	

4	Module coordinator	Prof. Dr. Thomas Demmelhuber	
5	Contents	Das Modul vermittelt grundlegende Kenntnisse über zwei außereuropäische Regionen (z.B. den Nahen Osten, Südostasien, Nord- oder Lateinamerika). Politikwissenschaftliche Ansätze, die zur Untersuchung dieser Regionen angewendet werden sollen, sind: <ul style="list-style-type: none"> Transformation politischer Systeme (Kolonisierung und Dekolonisierung, Modernisierungstheorien, Revolutionstheorien, Demokratisierung und andere Formen des Regimewechsels); historische Analyse langfristiger Auswirkungen geschichtlicher Entwicklungen auf die Ausformung politischer Kulturen; regionale Kooperation und Konflikte; regionale Formen der Globalisierung; Ideologiekritik und politisches Denken (z.B. des Nationalismus, Liberalismus, „Fundamentalismus“, Sozialismus). Durch Referate, regelmäßige mündliche Kurzbeiträge aller Teilnehmer und/oder Gruppenarbeiten wird die für das jeweilige Proseminar grundlegende Argumentationsführung gemeinsam erarbeitet.	
6	Learning objectives and skills	Die Studierenden üben die Anwendung oben genannter Ansätze exemplarisch ein und sind dadurch in der Lage, grundsätzliche Fragestellungen der oben genannten Aspekte zu erkennen und zu analysieren; - können die erworbenen Grundkenntnisse und –fähigkeiten vor einer Gruppe präsentieren.	
7	Prerequisites	Es wird dringend empfohlen, am Proseminar erst teilzunehmen, nachdem das Einführungsmodul erfolgreich absolviert wurde.	
8	Integration in curriculum	semester: 2	
9	Module compatibility	Elective Modules Master of Arts Development Economics and International Studies 20192 Freie Ergänzungsstudien Master of Arts Development Economics and International Studies 20192	

		B.A. Politikwissenschaft
10	Method of examination	Presentation and written assignment Referat (30 Minuten) und Hausarbeit (10-12 Seiten)
11	Grading procedure	Presentation and written assignment (100%) Referat 30%, Hausarbeit 70%
12	Module frequency	every semester
13	Workload in clock hours	Contact hours: 30h Independent study: 120h
14	Module duration	1 semester
15	Teaching and examination language	german english
16	Bibliography	Wird im kommentierten Vorlesungsverzeichnis bekannt gegeben.

1	Module name 38142	Business and Society Business & Society in Africa	5 ECTS
2	Courses / lectures	The teaching units in the module are only offered in the summer semester. Attendance is mandatory.	
3	Lecturers	-	

4	Module coordinator	Milena Störmer
5	Contents	<p>The world order is changing and multi-national corporations (MNCs) are taking on new responsibilities, whether that is on a voluntary or regulatory basis. Next to its economic responsibilities, MNCs are progressively engaging in social, ecological, and political responsibilities. Grand challenges such as the global pandemic, physical and economic insecurities, and fragile democracies need immediate action as stakeholder pressure and the call to fill governance gaps is drastically increasing. Today, corporations have more responsibilities than ever before.</p> <p>This seminar is designed to discuss the changing role of business in today's world, particularly focusing on the African and Latin American regions. The aim is to provide a comprehensive theoretical as well as empirical foundation to assess grand challenges that societies and organizations face. Sustainable business development will play a central role in understanding how MNCs can contribute to today's societal and grand challenges.</p> <p>Students will examine business actions in various institutional contexts (e.g., economic, political-legal, and socio-cultural) and address the relationships between business and society critically, considering alternative approaches to management. Contemporary social challenges in management will be discussed from an organizational (e.g.: corporate social responsibility (CSR), corporate citizenship (CC), stakeholder management, inclusive business, and social enterprises) and systemic perspective (e.g.: sustainable development, cross-sector interactions, and social innovation).</p>
6	Learning objectives and skills	<ul style="list-style-type: none"> Students analyze the changes in the role of business in African or Latin American societies taking in consideration multiple institutional contexts (e.g. economic, political-legal, and socio-cultural). Students reflect and evaluate the different theoretical approaches that explain the particularities of the business and society relationships in Africa or Latin America.

		<ul style="list-style-type: none"> • Students independently answer a research question regarding a particular issue related to the business and society relationships in Africa or Latin America. • Students plan, carry out research, evaluate and analyze scientific literature related to an issue considered relevant for the better understanding of the business and society relationships • Students can present clearly and effectively a particular issue related to the complex business and society relationship in Africa or Latin America
7	Prerequisites	Intended stage in the degree course: second/ third semester
8	Integration in curriculum	semester: 2
9	Module compatibility	Elective Modules Master of Arts Development Economics and International Studies 20192 Freie Ergänzungsstudien Master of Arts Development Economics and International Studies 20192 Regional Modules Master of Arts Development Economics and International Studies 20192
10	Method of examination	Presentation/written assignment Written assignment (15 pages), presentation (40 minutes)
11	Grading procedure	Presentation/written assignment (100%) Written assignment (67%), presentation (33%)
12	Module frequency	only in summer semester
13	Workload in clock hours	Contact hours: 30 h Independent study: 120 h
14	Module duration	1 semester
15	Teaching and examination language	english
16	Bibliography	<ul style="list-style-type: none"> • Carroll, A. and Buchholtz, A.K. (2015) Business & Society: Ethics, Sustainability, and Stakeholder Management, Ninth Edition, Stamford, CT: Cengage Learning. • Lawrence, A.T. and Weber, J. (2014) Business and Society: Stakeholders, Ethics, Public Policy, Fourteenth Edition, International Edition, Singapore: McGraw Hill Education. • Lissner, R.N. and Sherman, H. (2014) Business, Society, and Government Essentials: Strategy and Applied Ethics, Second Edition, New York: Routledge.

1	Module name 53492	Fallstudien und Projekte im Management I Case studies and projects in management I	5 ECTS
2	Courses / lectures	Seminar: Industry 5.0 – Germany's Future of Sustainable Industrial Value Creation with Prof. Oliver Zipse and Dr. Thomas Becker (2 SWS)	5 ECTS
3	Lecturers	Prof. Dr. Markus Beckmann Hannah Altenburg Prof. Dr. Kai-Ingo Voigt	

4	Module coordinator	Prof. Dr. Markus Beckmann Prof. Dr. Kai-Ingo Voigt
5	Contents	During the seminar, which is supported by Prof. Oliver Zipse (CEO of the BMW Group) and Dr. Thomas Becker (VP Sustainability, Mobility of the BMW Group), the students work on current issues of sustainability in technology-oriented industrial companies in groups. The results of the student groups are presented, defended and discussed in a project report and a presentation at a final event.
6	Learning objectives and skills	The student groups develop analyses on complex sustainability management issues, especially in relation to technology-oriented industrial companies, in a largely self-directed manner. For this purpose, the students conduct empirical data collection and literature research. They decide largely independently on the methods of analysis to answer the respective question. The module aims to develop the students ability to structure and present detailed and specialised knowledge based on the current state of understanding of the respective research question. Each student group shares the results developed jointly in the seminar and defends them before Prof. Zipse, Dr. Becker, Prof. Dr. Voigt, and Prof. Dr. Beckmann.
7	Prerequisites	None
8	Integration in curriculum	semester: 2
9	Module compatibility	Elective Modules Master of Arts Development Economics and International Studies 20192 Freie Ergänzungsstudien Master of Arts Development Economics and International Studies 20192
10	Method of examination	Seminar achievement Presentation (20 minutes) 70% and Project report (partially in group work) 30%
11	Grading procedure	Seminar achievement (100%)
12	Module frequency	every semester
13	Workload in clock hours	Contact hours: 30 h Independent study: 120 h
14	Module duration	1 semester

15	Teaching and examination language	english
16	Bibliography	Course specific literature

1	Module name 54324	Climate Policy	5 ECTS
2	Courses / lectures	Seminar: Climate Policy (2 SWS)	5 ECTS
3	Lecturers	Prof. Dr. Johan Lilliestam	

4	Module coordinator	Prof. Dr. Johan Lilliestam
5	Contents	<p>Climate change is one of the big challenges of our time, touching all aspects of the environment and of society. There is broad recognition that governments must do something about it: the implication of the Paris Agreement and its 1.5 and 2 degrees targets is the complete elimination of greenhouse gas emissions from the energy system within the next 30 to 40 years.</p> <p>This is a very complicated problem. Fundamentally this is because it means doing something that humanity has never really tried before at a planetary scale: deliberately altering the ways we produce, convert, and consume energy. Modern society grew up on fossil fuels, and the huge benefits they offered in terms of energy that was inexpensive, easy and safe to transport, store and consume. How to manage a non-fossil world with 8 or 10 billion people, all aspiring to the Western living standards, is a question for which there is no easy answer.</p> <p>From a technical perspective, there are many answers, typically relying on a bouquet of solutions, from wind power to nuclear power, from solar heat to passive housing without any heat demand at all. The technical side of decarbonisation is difficult, but possible.</p> <p>The real nut to crack, however, is about the strategies and governance for how to achieve such a complete transformation: the policy side of climate and energy. This is very complicated, even if we – as we do in this course – exclude the non-energy aspects of the climate transition. Arguably a government could pass a law that forbids people from using fossil fuels. But politically this is unrealistic, at least while so many people depend on fossil fuels in their daily lives. And even worse, it is not certain that it would work, because the technological alternatives may not be available and implementable overnight.</p> <p>What is to be done? For this, one needs to turn to various ideas about what a government can and should do, whether and how it should influence and steer society. On the one hand are ideas suggesting that government should play a very limited role relative to private actors and should step in only to correct “market failures”, with “market-based” interventions designed specifically around that failure. On the other hand are ideas suggesting that government needs to guide the transition more directly, including through public investments or radical reforms, designed to support the solutions determined to be the ones</p>

		<p>we want. And on the third hand, if such a hand exists, are ideas posing that the problem is our own consumption patterns and that these, and economic growth in general, are entirely incompatible with climate protection: only consuming radically less will help. Such fundamental issues come to the fore in climate and energy policy discussions and debates. This course is about all that.</p> <p>The course will meet once per week, with a reading before each class. Typically, this will be 1-3 articles, book chapters or reports on a topic related to the topic of the class, making the reading essential for the class. We will read two entire books, which will form the foundation for the seminar series, and each of the books will be the basis for essays to be written and handed in during the semester. The entire course will be the basis for the final essay, written in presence.</p>
6	Learning objectives and skills	<p>The goal is to give students the ability to evaluate energy and climate policy arguments made by politicians, experts, and academics with a critical eye, informed by knowledge of history, an understanding of the theoretical underpinnings and the empirically observed effects of different strategies. Students successfully finishing the course are able to understand and deconstruct the energy and climate policy debate that is currently raging in Germany, Europe and internationally, and create their own solutions. Thereby, she or he will be able to step into for example a research institute, an NGO or government agency involved in energy policy, policy analysis or political advocacy, and immediately be able to make an informed and creative contribution.</p>
7	Prerequisites	None
8	Integration in curriculum	semester: 1;3
9	Module compatibility	<p>Elective Modules Master of Arts Development Economics and International Studies 20192</p> <p>Freie Ergänzungsstudien Master of Arts Development Economics and International Studies 20192</p>
10	Method of examination	Seminar paper
11	Grading procedure	<p>Seminar paper (100%)</p> <p>The grade is based on the grades of three essays:</p> <ul style="list-style-type: none"> • Essays 1 (10%) and 2 (25%), each max 1000 words, written at home as open-book exams • Essay 3 (65% of the final grade), max 1500 words, will be written in presence as closed-book exam, on a given topic. The topic will be known to students in advance.

12	Module frequency	only in winter semester
13	Workload in clock hours	Contact hours: 45 h Independent study: 105 h
14	Module duration	1 semester
15	Teaching and examination language	english
16	Bibliography	<p>All required readings except the books will be supplied online. The books of Dryzek (Print), Nordhaus and Patt (e-books) are available from the library.</p> <p>Books</p> <p>Mandatory (as input for the essays):</p> <ul style="list-style-type: none"> • William Nordhaus (2015): The Climate Casino. Risk, uncertainty, and economics of a warming world, Yale University Press, New Haven. • Anthony Patt (2015): Transforming Energy. Solving climate change with technology policy, Cambridge University Press, New York. <p>Recommended (selected chapters are mandatory for classes):</p> <ul style="list-style-type: none"> • John Dryzek (2021): The politics of the Earth, OUP Oxford, Oxford. <p>Mandatory reading for each class</p> <p>Will be provided in online well in advance of each class.</p>

1	Module name 38156	Competition Policy in Developing Countries Competition policy in developing countries	5 ECTS
2	Courses / lectures	Vorlesung: Competition Policy in Developing Countries (2 SWS) Attendance is mandatory.	-
3	Lecturers	Prof. Dr. Johannes Paha	

4	Module coordinator	Prof. Dr. Johannes Paha
5	Contents	Starting from a general introduction to development economics, this lecture will focus on market failure as an impediment to countries' economic development. In particular, we will focus on market power that allows firms to charge prices above the level prevailing in competition, which lowers consumer surplus and harms especially the poor if causing higher prices, for example, for food. We will study the relevance of competition policy / competition law for addressing this form of market failure. Similarly, we will learn how to analyze market power using models from industrial organization.
6	Learning objectives and skills	The students (1) receive an introduction to game theory applied to development topics. Based on this knowledge, they (2) will study models on coordination failure and production complementarities before turning to (3) the role of public intervention for correcting market failure, especially in the form of (4) competition policy and (5) state aid.
7	Prerequisites	None. A sound knowledge of microeconomic theory is, however, advisable.
8	Integration in curriculum	semester: 3;1
9	Module compatibility	Elective Modules Master of Arts Development Economics and International Studies 20192 Freie Ergänzungsstudien Master of Arts Development Economics and International Studies 20192 Elective module for: "M.A. Development Economics and International Studies"; Elective module for "MA Nahoststudien"
10	Method of examination	Written examination (60 minutes) Written exam (60 minutes)
11	Grading procedure	Written examination (100%) Written exam (100%)
12	Module frequency	Unregelmäßig
13	Workload in clock hours	Contact hours: 30 h Independent study: 70 h
14	Module duration	1 semester
15	Teaching and examination language	

16	Bibliography	<p>Main textbooks: Motta, M. (2004). "Competition Policy: Theory and Practice." Cambridge University Press.</p> <p>Todaro, M.P. and Smith S.C. (2015). "Economic Development." 12th edition. Pearson.</p>
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1	Module name 57125	Data Science: Foundations, tools and applications in Socio-economics and Marketing Data science: Foundations, tools and applications in socioeconomics and marketing	5 ECTS
2	Courses / lectures	Vorlesung: Data Science: Foundations, Tools, Applications in Socio-Economics and Marketing (2 SWS) Übung: Data Science: Foundations, Tools, Applications in Socio-Economics and Marketing (2 SWS)	5 ECTS 0 ECTS
3	Lecturers	Prof. Dr. Malte Reichelt Prof. Dr. Tobias Wolbring Tilman Wörz	

4	Module coordinator	Prof. Dr. Tobias Wolbring
5	Contents	The lecture provides an overview over foundations, tools and applications of data science in the areas of socio-economics and marketing. Different types of data sources and general tools how to analyze them will be discussed. Furthermore, exemplary studies applying those kinds of data and analysis tools for a variety of topics will be discussed in the lecture.
6	Learning objectives and skills	The students will <ul style="list-style-type: none"> • gain an overview over the foundations and tools of data science • broaden their understanding of the potentials and pitfalls of these tools • advance their critical thinking about empirical evidence • learn to connect theoretical considerations and empirical analyses • apply the tools to specific research questions
7	Prerequisites	Firm knowledge of regression analysis, in particular linear regression, is recommended.
8	Integration in curriculum	semester: 1;3;5
9	Module compatibility	Elective Modules Master of Arts Development Economics and International Studies 20192 Freie Ergänzungsstudien Master of Arts Development Economics and International Studies 20192
10	Method of examination	Written examination (60 minutes)
11	Grading procedure	Written examination (100%)
12	Module frequency	only in winter semester
13	Workload in clock hours	Contact hours: 30h Independent study: 120h

14	Module duration	1 semester
15	Teaching and examination language	english
16	Bibliography	Salganik, Matthew J. (2017): Bit by Bit: Social Research in the Digital Age. Princeton University Press.

1	Module name 38155	Developmental Corporate Social Responsibility Developmental corporate social responsibility	5 ECTS
2	Courses / lectures	Seminar: Developmental Corporate Social Responsibility (2 SWS) Attendance is mandatory.	5 ECTS
3	Lecturers	Milena Störmer	

4	Module coordinator	Milena Störmer
5	Contents	<p>In a time characterized by unrestricted and unregulated markets, complex and intertwined supply chains, widespread and systematic human rights violations, the pressing issues of climate change and environmental degradation, as well as prevalent corruption, confidence in the business world has been steadily declining. Through media presence, digital communication as well as the transparency of corporate sustainability reporting's, the public is ever more skeptical about the private sector and its contribution to societal welfare. As a reaction, corporations have begun adopting a strategic approach towards corporate social responsibility (CSR), establishing a range of commitments, practices, and procedures to ensure that their operations align with social and environmental practices, political approaches and ethical standards. CSR has essentially become a prevalent practice that demands careful consideration and attention from corporations. The theoretical multiplicity tries to explain how the perception of business's role in society has changed, considering businesses also as a contributor to sustainable development. As Ed Freeman said: "There is something suspicious about economics which is why we need CSR." Recent attention to the particularities of CSR activities carried on in developing countries has put in evidence the necessity to evaluate the role of business as an (intentional and unintentional) development agent and the possibilities of CSR activities to support (or hinder) development processes. Moreover, with the adoption of the Sustainable Development Goals (SDGs) in 2015 by the country members of the United Nations organization, an increasing number of corporations have explicitly demonstrated a commitment to the SDGs.</p> <p>This seminar is designed to discuss and evaluate the role of business as a development agent and its contribution to sustainable development. It focuses on obtaining theoretically-informed and practically-relevant knowledge on key CSR themes, including the conceptual boundaries of CSR, motives why corporations strategically engage in CSR, how CSR is implemented in strategies and organizational processes. We will examine CSR activities in developing countries from a development-oriented approach, i.e., CSR activities' reach and scope and their impacts and outcomes for business and society. We will critically examine current forms of corporate social irresponsibility (CSIR) and greenwashing, i.e., cases in which corporations do not live up to their promises made under the name of CSR.</p>

6	Learning objectives and skills	<p>The objective of the course is to enhance skills in critically evaluating and contemplating different perspectives on important themes related to CSR. Moreover, the course encourages students to explore the practical application of these theoretical concepts, thereby highlighting the dilemmas, tensions, paradoxes, and controversies that are inherent in CSR. By doing so, it aims to foster a deeper comprehension of CSR and its strategic significance within today's corporations.</p> <p>In addition, our objective will be:</p> <ul style="list-style-type: none"> • To understand, describe and explain key debates in corporate social responsibility and its relevance for corporations in developing countries. • To critically analyze, reflect and evaluate various CSR themes, using academic articles and hands-on practical examples. • To connect CSR themes to analyze the dilemmas and tensions of managing CSR and to communicate them. • To recognize and evaluate evolving CSR-themes that might become strategically relevant for corporations. • To understand and communicate personal values in thinking about the role of business in society.
7	Prerequisites	Only students that are in the 3rd semester of the DEIS program are eligible for attending the seminar. Students should have attended the lecture on International Business Ethics I . Basic knowledge of economics and business administration is required. In order to achieve the learning objectives, attendance will be compulsory.
8	Integration in curriculum	no Integration in curriculum available!
9	Module compatibility	<p>Elective Modules Master of Arts Development Economics and International Studies 20192</p> <p>Freie Ergänzungsstudien Master of Arts Development Economics and International Studies 20192</p>
10	Method of examination	Presentation/written assignment
11	Grading procedure	<p>Presentation/written assignment (100%)</p> <p>Assessment:</p> <ul style="list-style-type: none"> • Presentation: 40% • Written Assignment: 60%
12	Module frequency	Unregelmäßig
13	Workload in clock hours	<p>Contact hours: 21 h</p> <p>Independent study: 120 h</p>
14	Module duration	1 semester
15	Teaching and examination language	english
16	Bibliography	<ul style="list-style-type: none"> • Wickert, C. and Risi, D. (2019). Corporate Social Responsibility, Cambridge University Press • Jamali, D., Karam, C & Blowfield, M. (2015) Development-Oriented Corporate Social Responsibility. Volume 1:

		<p>Multinational corporations and the global context. Greenleaf. Sheffield.</p> <ul style="list-style-type: none"> • Saebi, T., Foss, N. J., & Linder, S. (2019). Social entrepreneurship research: Past achievements and future promises. <i>Journal of Management</i>, 45(1), 70-95. • Hambrick, D. C., & Wowak, A. (2019). CEO Sociopolitical Activism: A Stakeholder Alignment Model. <i>Academy of Management Review</i>. • Burbano, V. (2019). The Demotivating Effects of Communicating a Social-Political Stance: Field Experimental Evidence from an Online Labor Market Platform. • Habel, J., Schons, L. M., Alavi, S., & Wieseke, J. (2016). Warm glow or extra charge? The ambivalent effect of corporate social responsibility activities on customers' perceived price fairness. <i>Journal of Marketing</i>, 80(1): 84-105. • Dmytriyev, S. D., Freeman, E. & Hörisch, J. (2021). The Relationship between Stakeholder Theory and Corporate Social Responsibility: Differences, Similarities, and Implications for Social Issues in Management. <i>Journal of Management Studies</i>, 58(6), 1441-1470. • Freeman, E. and Freeman, B. (2023). Business in a Post-COVID World: The Move to Stakeholder Capitalism. • Scherer, A.G. and Palazzo, G. (2011). The new political role of business in a globalized world: A review of a new perspective on CSR and its implications for the firm, governance, and democracy. <i>Journal of Management Studies</i>, 48, 899– 931. • Reinecke, J., & Donaghey, J. (2021). Political CSR at the Coalface – The Roles and Contradictions of Multinational Corporations in Developing Workplace Dialogue. <i>Journal of Management Studies</i>, 58(2), 457-486. • Blowfield, M. & Dolan, C. (2014) Business as a development agent: evidence of possibility and improbability. <i>Third World Quarterly</i>, 35(1), pp. 22-42. • Riera, M., and Iborra, M. (2017) Corporate social irresponsibility: review and conceptual boundaries. <i>European Journal of Management and Business Economics</i>, 26(2), 146-162. • Iborra, M., and Riera, M., (2022). Corporate social irresponsibility: What we know and what we need to know. <i>Corporate Social Responsibility and Environmental Management</i>, 30(3), 1421-1439
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1	Module name 38127	Development Policy	5 ECTS
2	Courses / lectures	Masterseminar: Development Economics and Policy (2 SWS) Seminar (2 SWS)	5 ECTS
3	Lecturers	Prof. Dr. Holger Seebens	

4	Module coordinator	Prof. Dr. Holger Seebens
5	Contents	<ul style="list-style-type: none"> • What is development and what are goals of policy making? • General issues involved in designing policies • Planning interventions • Evaluating interventions
6	Learning objectives and skills	<p>Understanding development implies trying to understand the complexities involved in economic, social, or environmental change. Such complexity derives from interrelationships of many agents making decisions to pursue their interests given their specific institutional environment. Given this complexity, policies are designed to induce development.</p> <p>In this module, students will reflect upon and become familiar with the challenges of designing and implementing development policies. They learn a general framework to plan and evaluate interventions that aim at inducing development. Students will design their own development intervention, which will be presented and discussed.</p> <p>After the course, students are able to analyze social, economic and political environments in which interventions are implemented. They can critically assess current policies, can develop interventions and are familiar with challenges that can come up in the course of planning, implementing and evaluating development projects.</p>
7	Prerequisites	Development Economics I & II is recommended
8	Integration in curriculum	semester: 1;3
9	Module compatibility	Elective Modules Master of Arts Development Economics and International Studies 20192 Freie Ergänzungsstudien Master of Arts Development Economics and International Studies 20192
10	Method of examination	Presentation/written assignment Written assignment (ca. 15 pages) and presentation (ca. 20 minutes)
11	Grading procedure	Presentation/written assignment (100%)
12	Module frequency	only in winter semester
13	Workload in clock hours	Contact hours: 30 h

		Independent study: 120 h
14	Module duration	1 semester
15	Teaching and examination language	english
16	Bibliography	<p>Bardhan, Pranab and Chris Udry (1999): Development Microeconomics.</p> <p>Basu, Kaushik (1997): Analytical Development Economics.</p> <p>De Janvry, Alain and Elisabeth Sadoulet (2021): Development Economics</p> <p>Easterly, William (2006): The white man's burden.</p> <p>Sachs, Jeffrey (2005): The end of poverty.</p> <p>Sen, Amartya (2001): Development as freedom.</p> <p>Sen, Amartya (1988): The concept of development.</p>

1	Module name 38139	Economic History and Development of Europe and the Middle East	5 ECTS
2	Courses / lectures	The teaching units in the module are only offered in the summer semester. Attendance required.	
3	Lecturers	-	

4	Module coordinator	Prof. Dr. Christine Binzel
5	Contents	The seminar gives an introduction to the economic history and development of Europe vis-à-vis the Middle East, in particular explanations for why the Middle East, once economically and scientifically advanced, fell behind Europe. The latter includes an examination of how Islam likely shaped the economic development of the Middle East. Throughout, the emphasis is on analysis rather than description.
6	Learning objectives and skills	Students (1) deepen their knowledge about and their understanding of the economic history and development of Europe vis-à-vis the Middle East, (2) work independently on a particular research topic, (3) engage with the academic literature and thereby strengthen their ability to critically read and assess applied work, and (4) improve their skills on how to structure and discuss academic work. Furthermore, by actively participating in class, students (5) learn how to apply peer review techniques and how to react on peer review – one of the most important instruments in scientific life.
7	Prerequisites	None.
8	Integration in curriculum	semester: 2;4
9	Module compatibility	Elective Modules Master of Arts Development Economics and International Studies 20192 Freie Ergänzungsstudien Master of Arts Development Economics and International Studies 20192 Regional Modules Master of Arts Development Economics and International Studies 20192
10	Method of examination	Presentation/written assignment Written assignment (15 pages) and presentation (30 minutes)
11	Grading procedure	Presentation/written assignment (100%) Written assignment (67 %), Presentation (33 %)
12	Module frequency	only in summer semester
13	Workload in clock hours	Contact hours: 30 h Independent study: 120 h
14	Module duration	1 semester
15	Teaching and examination language	english

16	Bibliography	<p>The class will draw on journal articles which will be made available via StudOn as well as on the following three books:</p> <p>Kuran, Timur. 2011. <i>The Long Divergence: How Islamic Law Held Back the Middle East</i>. Princeton: Princeton University Press.</p> <p>Platteau, Jean-Philippe. 2017. <i>Islam Instrumentalised: Religion and Politics in Historical Perspective</i>. Cambridge: Cambridge University Press.</p> <p>Rubin, Jared. 2017. <i>Rulers, Religion, and Riches: Why the West Got Rich and the Middle East Did Not</i>. New York: Cambridge University Press.</p>
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1	Module name 53286	Economics of climate change (ECC)	5 ECTS
2	Courses / lectures	Übung: Economics of Climate Change (ECC) (2 SWS) Vorlesung: Economics of Climate Change (ECC) (2 SWS)	- 5 ECTS
3	Lecturers	Dr. Jonas Egerer Johannes Wirth Kiana Niazmand Prof. Dr. Veronika Grimm	

4	Module coordinator	Dr. Jonas Egerer Prof. Dr. Veronika Grimm
5	Contents	<p>This course focuses on the interactions between society, the economy and climate change: one of the greatest challenges of our time. The course will discuss the origin of environmental challenges, technological options for their solution and policies to promote the transformation to a climate neutral economy and society. The following issues will be covered:</p> <ul style="list-style-type: none"> • Welfare economics and the environment • Externalities and origins of the sustainability problem • Climate change and the greenhouse gas effect • Global climate scenarios • Economics of low-carbon technologies • Global and regional low carbon scenarios • Measures of climate resilience • Pollution control: Targets and policy instruments • International Cooperation: Kyoto Protocol and Paris Agreement • Applications of Climate Policy: EU-ETS and national CO2-tax • Case studies for the energy, heat and mobility sector
6	Learning objectives and skills	<p>Students who participate in this course will become familiar with the physical science basis of climate change, economic concepts for the allocation of public goods, scenarios for low-carbon energy systems from a technological and an economic perspective, and policy instruments to reduce greenhouse gas emissions.</p> <p>Students who successfully participate in this module can:</p> <ul style="list-style-type: none"> • Explain the physical basics of climate change • Understand economic concepts for public goods • Compare different low-carbon technologies • Describe pathways towards sustainable energy systems • Develop an understanding of climate resilience • Discuss different policy instruments • Understand the EU-ETS and national carbon taxes • Develop sector specific scenarios in case studies
7	Prerequisites	To succeed in this course, students will need to apply acquired knowledge from e.g. economics and mathematics.
8	Integration in curriculum	semester: 3

9	Module compatibility	Elective Modules Master of Arts Development Economics and International Studies 20192 Freie Ergänzungsstudien Master of Arts Development Economics and International Studies 20192
10	Method of examination	Written Written examination (60 minutes)
11	Grading procedure	Written (50%) Written examination (50%)
12	Module frequency	only in winter semester
13	Workload in clock hours	Contact hours: 60 h Independent study: 90 h
14	Module duration	1 semester
15	Teaching and examination language	english
16	Bibliography	Natural Resource and Environmental Economics. Roger Perman et al. Addison Wesley.

1	Module name 53285	Empirical environmental economics	5 ECTS
2	Courses / lectures	Vorlesung: Empirical Environmental Economics (2 SWS)	5 ECTS
3	Lecturers	Prof. Dr. Mario Liebensteiner	

4	Module coordinator	Prof. Dr. Mario Liebensteiner
5	Contents	This module provides an introduction to focal issues of environmental economics with a particular focus on empirical investigations. The module sets out to make students familiar with state-of-the-art econometric research methods in environmental economics. Key issues will be carbon emissions from the energy and transportation sectors, carbon pricing, integration and subsidization of renewable energies, and the effectiveness of different climate policies.
6	Learning objectives and skills	<ul style="list-style-type: none"> Students get to know fundamental problems of environmental economics (e.g. problems of air pollution from burning fossil fuels, integration of renewable energy sources, and effective policy making) Students get to know recent econometric approach
7	Prerequisites	Basic microeconomics Basic econometrics (at least multivariate OLS regressions)
8	Integration in curriculum	semester: 3
9	Module compatibility	Elective Modules Master of Arts Development Economics and International Studies 20192 Freie Ergänzungsstudien Master of Arts Development Economics and International Studies 20192
10	Method of examination	Presentation Written examination (90 minutes)
11	Grading procedure	Presentation (20%) Written examination (80%)
12	Module frequency	only in winter semester
13	Workload in clock hours	Contact hours: 45 h Independent study: 105 h
14	Module duration	1 semester
15	Teaching and examination language	english
16	Bibliography	Journal articles and other relevant reading materials: will be distributed to course participants via StudOn Wooldridge, J.M. 2012 Introductory Econometrics: A Modern Approach. South-Western Cengage Learning.

1	Module name 54323	Energy policy instruments for deep decarbonisation	5 ECTS
2	Courses / lectures	Seminar: Energy policy: instruments for deep decarbonisation (3 SWS)	5 ECTS
3	Lecturers	Prof. Dr. Johan Lilliestam	

4	Module coordinator	Prof. Dr. Johan Lilliestam
5	Contents	<p>Climate change is one of the big political challenges of our time. It has been on the political agenda for some 30 years, in an increasing number of countries. With the Paris Agreement, almost all countries have committed themselves to contributing their share to limiting the global temperature to well below 2 degrees, implying a commitment to a carbon-neutral global economy by mid-century.</p> <p>In terms of emission reductions, one cannot say that it has gone well: globally, GHG emissions are still increasing. To a large extent, this ongoing increase is presently caused by economic growth and industrial development in emerging countries, causing a hunger for energy that is often fed with fossil energy, including oil for the growing transport systems and coal or gas power for the power grids.</p> <p>In the industrialised world itself, however, emissions often decrease. In Europe, for example, GHG emissions have decreased by some 20% compared to 1990, and the European Union met its 2020 climate target. Evidently, it is possible to bend the emissions curve. Particularly the energy sector – responsible for some 2/3 of global greenhouse gas emissions – starts seeing radical changes, both through the rise of renewable energy technologies and efficiency measures. In Europe, at least some policy efforts appear to have worked: emissions and energy demand are decreasing, and European (together with a handful of other countries') policies have contributed to making renewables technologically and economically viable, putting Europe and all other countries in a position where complete energy system decarbonisation may be feasible.</p> <p>In this course, we will explore the instrumentation of climate policy in the energy sector, especially on the European and national levels. The course will centre on historical and prospective policy analysis of energy policy instruments, drawing on concepts, theories and evaluation frameworks from various disciplines, including political science and environmental, behavioural and evolutionary economics. We will go far beyond the conventional description of "climate policy" as global treaties and carbon pricing, and look at the broad set of policy instruments that affect the chances to decarbonise energy, with a focus on the European context. In this course, we will</p>

		<ul style="list-style-type: none"> • create policy solutions to take us from today's fossil-based system to a carbon-neutral energy future in Europe, by • investigating different types of energy policy instruments, their theoretical roots and expected effects; • analysing the actual performance of these instruments through case studies of both successful and failed historical cases, in order to understand how instrument design affects success chances, but also how instruments differ in both scope and aim; • learning how instruments interact in a policy mix, each performing a specific task and contributing to a successful energy transition. <p>The course is designed in a flipped classroom approach, with extensive preparations needed – both reading and watching the input presentations for each class (see below) – and entirely interaction-based meetings in class. In the class meetings, we will be working together to draw lessons from the input presentations and to solve case problems taken from real-world situations in European energy policy, from heat decarbonisation in Finland to wind power deployment in France, from electric car chargers in Berlin to building bikelanes in Amsterdam.</p> <p>The main input format for each seminar day will be presentations by students, for each block 3-5 presentations (depending on the number of students) of 15-20 minutes each, focusing either on the theoretical embedding of the class or on describing and evaluating real-world cases in which the instrument has been implemented. The presentations will be graded, making up a part of your final grade. All will receive written feedback from me, as I believe this is essential for learning and improving presentation skills.</p> <p>These presentations will be recorded by the students and the videos made available at least 3 days before each class day. Instead of sitting through 1-1.5 hours of presentations on each seminar day, which would be tiring for all, we “shift” this time to before the actual meeting, so that the 4.5 hours of each (double) seminar each physical meeting will instead be around 3 hours minutes, so from 13.15 to approximately 16.45 (including coffee). It does not reduce the workload or teaching time, but it does increase the flexibility in preparing for class.</p>
6	Learning objectives and skills	<p>Students understand the breadth of the climate and energy policy field, the diversity of instruments, and know how the main instrument types work and interact. They are able to identify a policy and allocate it to the appropriate theoretical roots. Students are able to evaluate whether a policy is likely to achieve its aims, informed by knowledge of the functioning, efficiency and effectiveness of similar policies elsewhere or in the past, and</p>

		can suggest alternative or complementing policies for achieving a particular energy policy goal. Students are able to generalise and combine knowledge about the barriers to decarbonisation in various energy sectors and the barriers addressed by specific policy instruments as applied in cases discussed in class, in order to create own suggestions for decarbonisation of any energy sector or geographic context.
7	Prerequisites	None
8	Integration in curriculum	semester: 1;3
9	Module compatibility	Elective Modules Master of Arts Development Economics and International Studies 20192 Freie Ergänzungsstudien Master of Arts Development Economics and International Studies 20192
10	Method of examination	Oral
11	Grading procedure	Oral (100%) The grading will be based to 1/3 on your presentation grade and 2/3 of an oral exam grade. Each student will receive an individual presentation grade and feedback, but the presentation grade will also consist (25%) of the coordination of the group of presentations of each session as a whole. The course will end with an oral exam of 15-20 minutes, counting 2/3 towards the final grade. At this exam, each student will be given case to solve (in advance), prepare a solution, briefly summarise it and defend it. Each case will be of the format "given the policies COUNTRY has in place to decarbonise SECTOR, what should it do – to complement or replace the existing policy mix – in order to reach the 2030 target and enter a path to carbon neutrality by mid-century?"
12	Module frequency	only in winter semester
13	Workload in clock hours	Contact hours: 45 h Independent study: 105 h
14	Module duration	1 semester
15	Teaching and examination language	english
16	Bibliography	There will be substantial reading required in preparation of each class, consisting both of academic literature and of primary policy texts. A book (M. Grubb: <i>Planetary Economics</i>) will accompany us throughout the semester. This book is available as an open access ebook. The full list of mandatory readings will be available on the course page. •

		<ul style="list-style-type: none"> ◦ Michael Grubb (2014): Planetary Economics, Routledge. • ◦ Reading list and texts will be provided when the semester starts. • ◦ An initial set of suggested readings will be recommended, but students will need to do their own research of both the theory and empirics of the case studies.
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1	Module name 53710	Foundations of international management I	5 ECTS
2	Courses / lectures	Seminar: Foundations of International Management I (1 ECTS, Seminar) (1 SWS) Vorlesung: Foundations of International Management I (2 SWS)	1 ECTS 4 ECTS
3	Lecturers	Prof. Dr. Dirk Holtbrügge Laura Kirste	

4	Module coordinator	Prof. Dr. Dirk Holtbrügge
5	Contents	1. Environment of International Management: History and Major Trends 2. Theoretical and Conceptual Foundations of International Management 3. Theories of Internationalization 4. Strategic Management in International Corporations.
6	Learning objectives and skills	The participants understand and analyze typical management problems of international firms. The participants will get to know modern theories and methods of international management and will be able to apply these to practical problems. They get a detailed overview of the current state of international management research and are able to evaluate theoretical and empirical studies in this area critically.
7	Prerequisites	English language proficiency (C1)
8	Integration in curriculum	semester: 1
9	Module compatibility	Elective Modules Master of Arts Development Economics and International Studies 2010 Elective Modules Master of Arts Development Economics and International Studies 20192 Freie Ergänzungsstudien Master of Arts Development Economics and International Studies 20192
10	Method of examination	Report Presentation <i>Details for the examination for the lecture: Report (6 pages)</i> <i>Details for the examination for the seminar: Oral presentation (attendance mandatory)</i>
11	Grading procedure	Report (80%) Presentation (20%) <i>Details: Report (Lecture): 80%; Presentation (Seminar) 20%</i>
12	Module frequency	only in winter semester
13	Workload in clock hours	Contact hours: 45 h Independent study: 105 h
14	Module duration	1 semester
15	Teaching and examination language	english

16	Bibliography	Holtbrügge, D. & Welge, M.K. (2020). International Management. Mimeo, Nürnberg (chapters 1-4). Holtbrügge, D. & Haussmann, H. (eds.) (2017). Internationalization Strategies of Firms. Case Studies from the Nürnberg Metropolitan Region. 2nd edition. Augsburg-München: Hampp.
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1	Module name 57453	Branchen- und themenspezifisches Nachhaltigkeitsmanagement Industry and issue specific sustainability management	5 ECTS
2	Courses / lectures	Seminar: Innovation für Nachhaltigkeit bei Uvex – ein gemeinsames Projektseminar (2 SWS)	5 ECTS
3	Lecturers	Julia Gebert Katrin Schwarzfischer	

4	Module coordinator	Prof. Dr. Markus Beckmann
5	Contents	<p>Das Seminar vermittelt Inhalte zu den Grundlagen des Nachhaltigkeitsmanagements in Forschung und Praxis. In enger Zusammenarbeit mit unserem Unternehmenspartner Uvex werden aktuelle Herausforderungen für die Nachhaltigkeit im Unternehmen identifiziert und Lösungsvorschläge erarbeitet.</p> <p>Die ersten Sitzungen dienen dazu, eine interaktive Einführung in das Thema Nachhaltigkeit zu geben und die unterschiedlichen Wissensstände der Studierenden aus verschiedenen Disziplinen zu harmonisieren. Die Studierenden lernen verschiedene Konzepte und Instrumente des Nachhaltigkeitsmanagements kennen. Damit zielt das Seminar auf ein systematisches Verständnis relevanter Managementwerkzeuge und neuartiger Instrumente und Funktionen zur Bewältigung von Nachhaltigkeitsthemen. Nach einer theoretischen Einführung werden die Studierenden mit den aktuellen Nachhaltigkeitsthemen bei Uvex in den Dimensionen der Triple Bottom Line vertraut gemacht. Diese Projekte konzentrieren sich auf Themen wie Kreislaufwirtschaft oder Impact Assessment. Im zweiten Teil des Seminars geht es darum, das theoretische Wissen in die Praxis umzusetzen. Zu diesem Zweck arbeiten die Studierenden in Projektteams an einer praktischen Lösung für ein bei Uvex identifiziertes Nachhaltigkeitsproblem in kooperativer Abstimmung mit den Seminarleitern. In einer Zwischenpräsentation haben die Studierenden die Möglichkeit, Feedback zu erhalten und ihre Ideen zu überarbeiten. Am Ende des Seminars findet eine Abschlusspräsentation statt und die Studierenden erstellen eine Dokumentation ihrer Projektarbeit.</p>
6	Learning objectives and skills	<p>Am Ende des Seminars sind die Studierenden in der Lage</p> <ul style="list-style-type: none"> • Nachhaltigkeitsthemen aus der Praxis zu identifizieren und deren Managementrelevanz zu beurteilen; • grundlegende betriebswirtschaftliche Ansätze zur Bewältigung sozialer und ökologischer Probleme zu analysieren und anzuwenden; • ihre qualitativen Forschungs- und Projektmanagementkompetenzen anzuwenden; • Methoden des Nachhaltigkeitsmanagements zu reflektieren und selbstbewusst umzusetzen;

		<ul style="list-style-type: none"> • Soft Skills wie strukturierte Teamarbeit und professionelle Präsentationen anzuwenden und zu reflektieren
7	Prerequisites	<ul style="list-style-type: none"> • Bereits besuchte Kurse zum Nachhaltigkeitsmanagement sind von Vorteil • Interesse an praxisorientiertem Nachhaltigkeitsmanagement; • Motivation zur selbständigen Arbeit in einem Team
8	Integration in curriculum	semester: 3;1;5;7
9	Module compatibility	<p>Elective Modules Master of Arts Development Economics and International Studies 20192</p> <p>Freie Ergänzungsstudien Master of Arts Development Economics and International Studies 20192</p>
10	Method of examination	<p>Presentation Written Gemeinsame Analyse und Bearbeitung einer Nachhaltigkeitsherausforderung und Konzeptentwicklung in Projektteams mit Zwischen- und Abschlusspräsentation. Zusätzlich wird die Dokumentation des Problemlösungsprozesses benotet.</p>
11	Grading procedure	<p>Presentation (70%) Written (30%) Präsentation (70%) und Dokumentation (30%)</p>
12	Module frequency	only in winter semester
13	Workload in clock hours	<p>Contact hours: 30 h Independent study: 120 h</p>
14	Module duration	1 semester
15	Teaching and examination language	<p>german or english english</p>
16	Bibliography	All necessary materials will be provided via StudOn

1	Module name 38140	International Monetary Economics International Monetary Economics	5 ECTS
2	Courses / lectures	The teaching units in the module are only offered in the summer semester.	
3	Lecturers	-	

4	Module coordinator	Prof. Jürgen Kähler
5	Contents	<p>The course examines issues of international monetary economics from theoretical, empirical, historical, and institutional perspectives. Emphasis will be put on experiences of emerging markets and developing countries.</p> <ul style="list-style-type: none"> • The Foreign Exchange Market • Interest Rate Parity • Purchasing Power Parity • Exchange Rate Determination and Forecasting • Exchange Rate Systems • Currency Crises • Sustainability of Current Account Deficits • Country Risk and International Debt Crises <p>Case studies will be analyzed in the tutorials.</p>
6	Learning objectives and skills	<ul style="list-style-type: none"> • Solid knowledge of the institutional framework of international financial markets • Understanding the historical development of exchange-rate systems and the pros and cons of flexible and fixed exchange rates • Applying empirical data to parity conditions and models of exchange rate determination • Evaluation of political and economic indicators of country risk • Assess the sustainability of current account deficits • Understanding the causes of currency and debt crises <p>Personal and social skills are developed in the tutorials. In particular, students learn how to clearly and succinctly present the answers to empirical or analytical exercises and how to interact with fellow students in an academic debate.</p>
7	Prerequisites	None
8	Integration in curriculum	semester: 2;4
9	Module compatibility	<p>Elective Modules Master of Arts Development Economics and International Studies 20192</p> <p>Freie Ergänzungsstudien Master of Arts Development Economics and International Studies 20192</p> <p>Elective module or elective complementary module for “M.A. Development Economics and International Studies”</p>
10	Method of examination	<p>Written examination (60 minutes)</p> <p>Written exam (60 minutes)</p>
11	Grading procedure	<p>Written examination (100%)</p> <p>Written exam 100%</p>

12	Module frequency	only in summer semester
13	Workload in clock hours	Contact hours: 45 h Independent study: 105 h
14	Module duration	1 semester
15	Teaching and examination language	english
16	Bibliography	<p>R.C. Feenstra and A.M. Taylor, International Economics (or: International Macroeconomics), 5th ed., Worth, 2021.</p> <p>P.R. Krugman, M. Obstfeld and M.J. Melitz, International Economics (or: International Finance), 12th ed., Pearson, 2022.</p> <p>G. Bekaert, R. Hodrick, International Financial Management, 3rd edition, Cambridge University Press, 2018.</p> <p>Additional readings (papers) will be provided.</p>

1	Module name 52290	International finance	5 ECTS
2	Courses / lectures	Vorlesung: International Finance (2 SWS) Übung: Übung zu International Finance (2 SWS)	5 ECTS -
3	Lecturers	Prof. Dr. Christian Merkl Kristina Saveska	

4	Module coordinator	Prof. Dr. Christian Merkl
5	Contents	This course covers a wide range of topics (e.g., exchange rates and exchange rate regimes, national accounts and capital flows, international financial system, international banking and central banking). Basic economic concepts will be provided as a background. Statistics and empirical results will be shown to understand the validity of these concepts. Recent real life examples/case studies will be used to analyze the implications for policy makers, international organisations and business.
6	Learning objectives and skills	Students <ul style="list-style-type: none"> • understand and apply basic concepts of exchange rate determination and their validity. • learn about driving forces of capital flows. • analyze how international (central) banking and the international financial system work. • apply their knowledge in a presentation (either in case study style or in a small quantitative project).
7	Prerequisites	Macroeconomics (Bachelor)
8	Integration in curriculum	semester: 3
9	Module compatibility	Elective Modules Master of Arts Development Economics and International Studies 20192 Freie Ergänzungsstudien Master of Arts Development Economics and International Studies 20192
10	Method of examination	Written or oral (60 minutes)
11	Grading procedure	Written or oral (100%) The grade can be improved up to 0.7 units with a voluntary presentation during the winter term. This requires the written exam to be graded no worse than 4.0.
12	Module frequency	only in winter semester
13	Workload in clock hours	Contact hours: 45 h Independent study: 105 h
14	Module duration	1 semester
15	Teaching and examination language	english
16	Bibliography	Presentation slides and relevant literature will be provided

1	Module name 38129	International Political Economy	5 ECTS
2	Courses / lectures	The teaching units in the module are only offered in the summer semester. Mandatory attendance	
3	Lecturers	-	

4	Module coordinator	Dr. Elisabeth Meyer
5	Contents	<p>Organization: The semi-intensive seminar is made up of five four-hour sessions concentrating on specific broader topics in international political economy. Individual sessions may consist of an introductory lecture, student presentations, group discussions and other activities. Students are expected to do some introductory reading ahead of every session.</p> <p>Contents: Sessions are planned around the following topics: (1) Explaining the workings and performance of international organizations; (2) the role of international organizations in development aid and lending; (3) the limited gains of trade in developing countries and their relation to political economy aspects; (4) international conflict, especially the use and effects of economic sanctions; and (5) the effects of globalization on domestic politics.</p>

6	Learning objectives and skills	<ul style="list-style-type: none"> • Scientific skills: Students learn about broad aspects of international cooperation and conflict from a political economy perspective. • Methodology skills: Students practice working with economic models and methods and strengthen their academic writing and reading skills. • Personal skills: Students sharpen and broaden their critical thinking skills which supports their professional and academic development. • Social skills: Students practice giving and receiving feedback as well as cooperating with classmates.
7	Prerequisites	Successful completion of at least one module on International Economics and/or Development Economics is recommended.
8	Integration in curriculum	semester: 2
9	Module compatibility	Elective Modules Master of Arts Development Economics and International Studies 20192 Freie Ergänzungsstudien Master of Arts Development Economics and International Studies 20192
10	Method of examination	Presentation/written assignment Written assignment (15 pages), presentation (40 minutes)
11	Grading procedure	Presentation/written assignment (100%) Written assignment (67%), presentation (33%)
12	Module frequency	only in summer semester
13	Workload in clock hours	Contact hours: 30 h Independent study: 120 h
14	Module duration	1 semester
15	Teaching and examination language	english

16	Bibliography	<ul style="list-style-type: none"> • Dreher, A., & Lang, V. F. (2019). The political economy of international organizations. <i>The Oxford Handbook of Public Choice</i>, 2, 607-652. • Vreeland, James Raymond (2019): Corrupting International Organizations. In: <i>Annu. Rev. Polit. Sci.</i> 22 (1), S. 205–222. • Atkin, David; Khandelwal, Amit K. (2020): How Distortions Alter the Impacts of International Trade in Developing Countries. In: <i>Annu. Rev. Econ.</i> 12 (1), S. 213–238. • Felbermayr, Gabriel, et al. "Understanding economic sanctions: Interdisciplinary perspectives on theory and evidence." <i>European Economic Review</i> 135 (2021): 103720. • Rodrik, Dani (2021): Why Does Globalization Fuel Populism? Economics, Culture, and the Rise of Right-Wing Populism. In: <i>Annu. Rev. Econ.</i> 13 (1), S. 133–170. <p>Further literature will be indicated in the course and via StudOn.</p>
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1	Module name 54440	Issues in international political economy	5 ECTS
2	Courses / lectures	Vorlesung: Ma-Vorl: Issues in International Political Economy (IPE) (2 SWS) (Vorlesung mit Übung)	5 ECTS
3	Lecturers	Prof. Dr. Christoph Moser	

4	Module coordinator	Prof. Dr. Christoph Moser
5	Contents	This course deals with international trade policy. The focus will be on the political and economic determinants and consequences of trade liberalization as well as trade policies that increase trade barriers. The course will provide important insights into the global governance of international trade flows, the World Trade Organization and the role of the United States, China and the European Union.
6	Learning objectives and skills	Students gain an understanding of the importance and evolution of the international trading system and how it affects multinational corporations (MNCs). Students learn about different trade policy tools, their economic consequences and their political constraints, in particular in the United States, China and the European Union. Students learn to critically assess trade-related news in the media.
7	Prerequisites	Recommended prerequisites: <ul style="list-style-type: none"> Basic knowledge of microeconomics (e.g., Varian, Hal (2014), Intermediate Microeconomics: A Modern Approach, 9th international edition).
8	Integration in curriculum	semester: 1
9	Module compatibility	<p>Elective Modules Master of Arts Development Economics and International Studies 20192</p> <p>Freie Ergänzungsstudien Master of Arts Development Economics and International Studies 20192</p> <p>Module compatibility:</p> <ul style="list-style-type: none"> Master IBS: core course (Pflichtbereich) Master IBS: mandatory elective for the area "English-speaking countries". Students who select English-speaking countries as an area study cannot take this module as a core course module, but must take it as part of their area studies. Master Wirtschaftspädagogik, Studienrichtung II: elective course (Wahlbereich im Zweifach Sozialkunde), core course (Pflichtbereich im Zweifach Englisch) Erweiterungsprüfung Berufliche Schulen/Studienfach Wirtschaftspädagogik Master Sozialökonomik: elective course (Wahlbereich) Master Arbeitsmarkt und Personal: elective course (Wahlbereich) Master Economics: Specialization in Macroeconomics and Finance, and Public economics
10	Method of examination	Written examination (60 minutes)

		Written examination 60 min. (Klausur 60 Min.)
11	Grading procedure	Written examination (100%)
12	Module frequency	only in winter semester
13	Workload in clock hours	Contact hours: 60 h Independent study: 90 h
14	Module duration	1 semester
15	Teaching and examination language	english
16	Bibliography	Krugman, P., M. Obstfeld and M. Melitz (2017/18), International Trade: Theory and Policy OR International Economics: Theory and Policy, 11th global edition. Further, course materials will be announced in the course.

1	Module name 53212	Macroeconomics: Business cycles	5 ECTS
2	Courses / lectures	Übung: Computer Übung Macroeconomics: Business Cycles (2 SWS) Vorlesung: Macroeconomics: Business Cycles (Makro I) (2 SWS) Übung: Übung Macroeconomics: Business Cycles (2 SWS)	- 2,5 ECTS 2,5 ECTS
3	Lecturers	Timo Sauerbier Prof. Dr. Christian Merkl	

4	Module coordinator	Prof. Dr. Christian Merkl
5	Contents	<ul style="list-style-type: none"> • Stylized facts of the business cycle • Business cycle theories • Business cycle and the labor market • Monetary theory and policy
6	Learning objectives and skills	Students <ul style="list-style-type: none"> • learn about modern dynamic business cycle theory • learn about dynamic labor market theory (search and matching) • apply standard techniques (e.g., intertemporal optimization, loglinearization or simple simulations) • learn about modern monetary theory • compare the implications of monetary theory with modern policy making
7	Prerequisites	Advanced Mathematics, Macroeconomics (Bachelor)
8	Integration in curriculum	semester: 1
9	Module compatibility	Elective Modules Master of Arts Development Economics and International Studies 20192 Freie Ergänzungsstudien Master of Arts Development Economics and International Studies 20192
10	Method of examination	Written examination (60 minutes)
11	Grading procedure	Written examination (100%) Students can improve their grade through two assignments during the winter term: one programming assignment with Matlab (about 30 lines of code) and one analytical problem (about four written pages). This requires the written exam to be graded not worse than 4.0; the maximum improvement is 0.3 grades.
12	Module frequency	only in winter semester
13	Workload in clock hours	Contact hours: 60 h Independent study: 90 h
14	Module duration	1 semester
15	Teaching and examination language	english

16	Bibliography	Gali, J., Monetary Policy, Inflation, and the Business Cycle: An Introduction to the New Keynesian Framework and its Applications, 2015, second edition.
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1	Module name 53231	Mathematics for economists	5 ECTS
2	Courses / lectures	Übung: Mathematics for Economists (2 SWS) Vorlesung: Mathematics for Economists (2 SWS)	- -
3	Lecturers	Prof. Dr. Timm Oertel	

4	Module coordinator	Prof. Dr. Timm Oertel
5	Contents	The main focus of this lecture is on vector spaces, eigenvalues, quadratic forms, analysis of n variables including Taylor derivatives, finite difference and differential equation as well as optimization.
6	Learning objectives and skills	The aim of this module is to practice common mathematical techniques, which are required for advanced courses in Economics.
7	Prerequisites	Basic knowledge as known from school and typical math courses given within Bachelor programs on Economics, see for instance Sydsætter, Knut und Hammond, Peter (2008), Essential Mathematics for Economics Analysis, Prentice Hall, or the Bachelor chapters in Mosler, Karl, Rainer Dyckerhoff und Christoph Scheicher (2009), Mathematische Methoden für Ökonomen, Springer-Verlag (in German).
8	Integration in curriculum	semester: 1
9	Module compatibility	Elective Modules Master of Arts Development Economics and International Studies 20192 Freie Ergänzungsstudien Master of Arts Development Economics and International Studies 20192
10	Method of examination	Written examination (90 minutes)
11	Grading procedure	Written examination (100%)
12	Module frequency	only in winter semester
13	Workload in clock hours	Contact hours: 45 h Independent study: 105 h
14	Module duration	1 semester
15	Teaching and examination language	english
16	Bibliography	Sydsætter, Knut und Hammond, Peter (2008), Further Mathematics for Economics Analysis, Prentice Hall; Mosler, Karl; Dyckerhoff, Rainer und Scheicher, Christoph (2009), Mathematische Methoden für Ökonomen, Springer Verlag (in German).

1	Module name 53191	Microeconomics	5 ECTS
2	Courses / lectures	Vorlesung: Microeconomics Lecture (2 SWS) Übung: Microeconomics (Master) Exercise (0 SWS)	- -
3	Lecturers	Prof. Dr. Johannes Rincke	

4	Module coordinator	Prof. Dr. Johannes Rincke
5	Contents	Theory of the Consumer, Theory of the Firm, Partial Equilibrium, General Equilibrium, Anomalies
6	Learning objectives and skills	Students are made familiar with the fundamental concepts of microeconomics on an advanced level, including advanced formal mathematical methods. The lecture covers topics in the theory of the consumer, the theory of the firm, partial equilibrium, general equilibrium, and anomalies in behavior in relation to the standard model. In the Exercises course, students learn how to apply these concepts to selected economic problems in various settings. The module is of fundamental importance for Master students who want to advance to studying applied problems in all field of applied micro, including labor economics, public economics, and industrial organization.
7	Prerequisites	Basic training in formal microeconomic techniques
8	Integration in curriculum	semester: 1
9	Module compatibility	Elective Modules Master of Arts Development Economics and International Studies 20192 Freie Ergänzungsstudien Master of Arts Development Economics and International Studies 20192
10	Method of examination	Presentation (90 minutes) Written examination (90 minutes)
11	Grading procedure	Presentation (20%) Written examination (80%)
12	Module frequency	only in winter semester
13	Workload in clock hours	Contact hours: 60 h Independent study: 105 h
14	Module duration	1 semester
15	Teaching and examination language	english
16	Bibliography	Jehle, Geoffrey A. und Reny, Philip J. (2001), Advanced Microeconomic Theory, 2nd ed., Addison-Wesley

1	Module name 53313	Multivariate Time Series Analysis Multivariate time series analysis	5 ECTS
2	Courses / lectures	The teaching units in the module are only offered in the summer semester.	
3	Lecturers	-	

4	Module coordinator	Prof. Dr. Jonas Dovern
5	Contents	Brief repetition of concepts of univariate time series analysis; stationary vector autoregressive (VAR) processes: basics, estimation, lag order selection, specification testing, forecasting; structural VAR models: various methods for identifying macroeconomic shocks; non-stationary/integrated processes: spurious correlation vs. cointegration, error correction models; multivariate GARCH models.
6	Learning objectives and skills	Ability to independently analyze multivariate stationary time series using vector autoregressive processes; ability to explain the problems of identifying structural macroeconomic shocks and ability to estimate and interpret SVAR models; ability to test for spurious correlations between integrated time series and ability to specify and estimate models for cointegrated time series; ability to explain and estimate basic multivariate GARCH models; skills for using existing functions in R for time series analysis and for developing proprietary functions for analyzing multivariate time series in R.
7	Prerequisites	Proficiency in univariate time series analysis and basic concepts of econometrics
8	Integration in curriculum	semester: 2;4
9	Module compatibility	Elective Modules Master of Arts Development Economics and International Studies 20192 Freie Ergänzungsstudien Master of Arts Development Economics and International Studies 20192
10	Method of examination	Written examination (60 minutes)
11	Grading procedure	Written examination (100%)
12	Module frequency	only in summer semester
13	Workload in clock hours	Contact hours: 60 h Independent study: 90 h
14	Module duration	1 semester
15	Teaching and examination language	english
16	Bibliography	Lütkepohl, H. (2005), New Introduction to Multiple Time Series Analysis, Springer. Kilian, L. and H. Lütkepohl (2017), Structural Vector Autoregressive Analysis (Themes in Modern Econometrics), Cambridge University Press, Cambridge.

	<p>Tsay, R.S. (2005), Analysis of Financial Time Series, 2nd edition, Wiley. (alternatively 3rd edition from 2010).</p> <p>Verbeek, M. (2008), A Guide to Modern Econometrics,, 3rd edition, Wiley.</p>
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1	Module name 53055	Panel and evaluation methods	5 ECTS
2	Courses / lectures	Übung: Panel- and Evaluation Methods (PEV)-Übung (1 SWS) Tutorium: Panel- and Evaluation Methods-Tutorium (0 SWS) Vorlesung: Panel- and Evaluation Methods (2 SWS) Übung: Panel- and Evaluation Methods Softskills (voluntary) (2 SWS)	- - 5 ECTS -
3	Lecturers	Dr. Selina Gangl Prof. Dr. Regina Therese Riphahn	

4	Module coordinator	Prof. Dr. Regina Therese Riphahn
5	Contents	Endogeneity in the linear regression model; instrumental variables estimation; static and dynamic panel data models; matching; difference-in-differences estimation; regression discontinuity design; quantile regression; practical application of methods using statistics software STATA
6	Learning objectives and skills	Based on the introductory econometrics module "Ökonometrie" students acquire specialized knowledge in panel und evaluation methods and apply it using the statistics software STATA. Students evaluate to what degree empirical patterns can be interpreted as causal and decide to what extent problems of endogeneity can be solved via panel data or exogeneous variation. Students can produce own empirical analyses.
7	Prerequisites	Basic knowledge in statistics and econometrics
8	Integration in curriculum	semester: 3;1
9	Module compatibility	Elective Modules Master of Arts Development Economics and International Studies 20192 Freie Ergänzungsstudien Master of Arts Development Economics and International Studies 20192
10	Method of examination	Written examination (60 minutes)
11	Grading procedure	Written examination (100%) 100 % written exam (a voluntarily submitted homework can account for 20 % of the final grade if it improves the grade. In the homework an empirical analysis is performed based on Stata. The final grade can be improved by up to 0.7 points. However, the exam must be passed. The homework only counts towards final grades in the semester in which they are produced, i.e. only in the winter semester.)
12	Module frequency	only in winter semester
13	Workload in clock hours	Contact hours: 45 h Independent study: 105 h
14	Module duration	1 semester

15	Teaching and examination language	english
16	Bibliography	<p>Wooldridge, J.M., 2010, Econometric Analysis of Cross Section and Panel Data, 2.ed., MIT Press.</p> <p>Greene, William H., 2020, Econometric Analysis, 8. ed., Pearson, New Jersey</p> <p>Cameron, C.A. and P.K. Trivedi, 2005, Microeconometrics. Methods and Applications, Cambridge University Press</p> <p>Angrist, J. and J.-S. Pischke, 2009, Mostly Harmless Econometrics, Princeton University Press, Princeton, and Oxford.</p> <p>Verbeek, M., 2017, A Guide to Modern Econometrics, 5. ed., Wiley.</p>

1	Module name 38126	Political Economy of the Middle East	5 ECTS
2	Courses / lectures	Masterseminar: Political Economy of the Middle East (2 SWS) Yes	-
3	Lecturers	Dr. Stephanie Müssig Prof. Dr. Christine Binzel	

4	Module coordinator	Prof. Dr. Christine Binzel Dr. Stephanie Müssig
5	Contents	The seminar gives an introduction to contemporary issues related to the Middle East and Islam from both an economic and a political science perspective. Topics covered include, amongst others, Islam and socio-economic outcomes, Islamic movements, women's political participation, social norms, ethnic inequality, and terrorism. Throughout, the focus is on recent empirical work.
6	Learning objectives and skills	Students (1) deepen their knowledge about and their understanding of the Middle East, (2) work independently on a particular research topic, (3) engage with the academic literature and thereby strengthen their ability to critically read and assess applied work, and (4) improve their skills on how to structure and discuss academic work. Furthermore, by actively participating in class, students (5) learn how to apply peer review techniques and how to react on peer review, one of the most important instruments in scientific life.
7	Prerequisites	Successful completion of the courses Development Economics I and/or II is recommended.
8	Integration in curriculum	semester: 3
9	Module compatibility	Elective Modules Master of Arts Development Economics and International Studies 20192 Freie Ergänzungsstudien Master of Arts Development Economics and International Studies 20192 Regional Modules Master of Arts Development Economics and International Studies 20192 Regional or elective module for: "M.A. Development Economics and International Studies"; Elective module for "MA Nahoststudien."
10	Method of examination	Presentation/written assignment Written assignment (15 pages) and presentation (30 minutes).
11	Grading procedure	Presentation/written assignment (100%) Written assignment (67 %), Presentation (33 %).
12	Module frequency	only in winter semester
13	Workload in clock hours	Contact hours: 30 h Independent study: 120 h

14	Module duration	1 semester
15	Teaching and examination language	english
16	Bibliography	The readings will be provided via StudOn.

1	Module name 38135	Risk and Insurance	5 ECTS
2	Courses / lectures	No teaching units are offered for the module in the current semester. For further information on teaching units please contact the module managers.	
3	Lecturers	-	

4	Module coordinator	Prof. Dr. Andreas Landmann
5	Contents	<p>1. Introduction: Importance of Risk and Insurance for</p> <p>2. Risk and Uncertainty: The Economic Concept, Models and Measurement of Behavior</p> <p>3. Insurance Demand: Understanding Consumer Behavior</p> <p>4. Insurance Supply: Insurance Technology and Insurer Behavior</p> <p>5. Information Asymmetries: Adverse Selection and Moral Hazard</p> <p>6. Technology and New Insurance Models</p> <p>The lecture usually also features contributions by insurance practitioners.</p>
6	Learning objectives and skills	<p>Upon completion of the module, the students have acquired the following competencies: Students understand economic concepts of risk and uncertainty, different models of decision-making in risky environments, and the relevance of insurance solutions in an uncertain world. They</p>

		are familiar with how insurance markets work, in particular which role consumers and insurers play, and how their behavior sometimes deviates from classical models. Students are also aware of inherent incentive problems in insurance (in particular adverse selection and moral hazard), as well as potential solutions, and are competent to critically discuss policy-relevant issues in the field.
7	Prerequisites	Basic microeconomics and statistics knowledge is strongly recommended
8	Integration in curriculum	semester: 3;1
9	Module compatibility	Elective Modules Master of Arts Development Economics and International Studies 20192 Freie Ergänzungsstudien Master of Arts Development Economics and International Studies 20192
10	Method of examination	Written examination (60 minutes)
11	Grading procedure	Written examination (100%)
12	Module frequency	only in winter semester
13	Workload in clock hours	Contact hours: 42 h Independent study: 108 h
14	Module duration	1 semester
15	Teaching and examination language	english
16	Bibliography	<ul style="list-style-type: none"> • Zweifel, Peter, and Roland Eisen. 2012. Insurance Economics. Berlin Heidelberg: Springer. doi:10.1007/978-3-642-20548-4. • Kunreuther, Howard, Mark V. Pauly, and Stacey McMorow. 2013. Insurance and Behavioral Economics: Improving Decisions in the Most Misunderstood Industry. Cambridge: Cambridge University Press. doi:10.1017/CBO9781139050319.

1	Module name 52990	Seminar energy markets	5 ECTS
2	Courses / lectures	Seminar: Seminar Energy Markets (4 SWS) Seminar: Seminar Energy Markets (4 SWS)	5 ECTS 5 ECTS
3	Lecturers	Prof. Dr. Karl Gregor Zöttl Prof. Dr. Veronika Grimm Prof. Dr. Mario Liebensteiner	

4	Module coordinator	Prof. Dr. Veronika Grimm Prof. Dr. Mario Liebensteiner Ulrike Pfefferer Prof. Dr. Karl Gregor Zöttl
5	Contents	<p>It is the purpose of the seminar to deepen the understanding of the economic interaction of the players and institutions in liberalized energy markets.</p> <p>The participants learn and develop the tools for an autonomous economic assessment of currently discussed policies in liberalized electricity markets (e.g. changed support schemes for renewables, changed network tariff systems, impact of capacity markets).</p> <p>In cooperation with experts from the industry, students are also confronted with the practitioners perspective which requires a more detailed application of the economic concepts employed.</p> <p>The course aims at students in the field of economics /business as well as students in the fields of engineering and mathematics. In the final workshop, all Students present and mutually discuss their results together with practitioners from the industry. The ability to communicate also beyond the classical limits of each discipline is an important qualification for the students careers, which should be stimulated in the context of this seminar.</p> <p>Language of the course in the summer term is German (due to cooperation with practice partners), and in the winter term English.</p>
6	Learning objectives and skills	<p>The students</p> <ul style="list-style-type: none"> • learn fundamental concepts and models which allow to analyze the economic interaction at energy markets, • Learn to autonomously apply those methods, • Conceptualize coherent analysis of current policy discussion of how to design energy markets, • In close exchange with a practitioner from industry, learn to apply in meaningful way the conceptual analysis and discussions to real world problems. • Develop their presentation skills.
7	Prerequisites	<p>The students should be familiar with the mathematical methods acquired during their Bachelor degree.</p> <p>Admission requirements for Winter Term (at least one of the following courses must have been passed):</p> <p>Economics of Climate Change</p>

		Quantitative Methods in Energy Market Modelling Empirical Environmental Economics
8	Integration in curriculum	semester: 2
9	Module compatibility	Elective Modules Master of Arts Development Economics and International Studies 20192 Freie Ergänzungsstudien Master of Arts Development Economics and International Studies 20192 Summer Term: German (due to cooperation with practice partners) , Winter Term: English
10	Method of examination	Oral Seminar paper Presentation
11	Grading procedure	Oral (20%) Seminar paper (50%) Presentation (30%)
12	Module frequency	every semester
13	Workload in clock hours	Contact hours: 45 h Independent study: 105 h
14	Module duration	1 semester
15	Teaching and examination language	german english
16	Bibliography	Daniel Kirschen and Goran Strbac: Power System Economics, Wiley 2004. Steven Stoft: Power System Economics, Wiley 2002. Wolfgang Ströbele, Wolfgang Pfaffenberger, Michael Heuterkes: Energiewirtschaft, Oldenbourg 2010.

1	Module name 52960	Seminar: Public economics 2	5 ECTS
2	Courses / lectures	Seminar: Seminar Public Economics (3 SWS)	-
3	Lecturers	Prof. Dr. Thiess Büttner Prof. Dr. Matthias Wrede Prof. Dr. Sarah Necker Maximilian Pöhnlein Annalisa Tassi Ramona Müller Vincent Herdegen William Dean	

4	Module coordinator	Prof. Dr. Thiess Büttner Prof. Dr. Sarah Necker Prof. Dr. Matthias Wrede
5	Contents	Topics in Public Economics
6	Learning objectives and skills	<p>Students</p> <ul style="list-style-type: none"> • study selected parts of the academic literature in public economics (mostly from scientific journals) and learn how to deal with this literature • learn how to identify relevant contributions in large bodies of economic literature • learn about current approaches and methods in public economics • learn how to read economic papers and to evaluate and assess contributions, regarding both theory and empiry • learn how to draw conclusions from the academic literature in terms of policy implications and critically analyse these findings • learn how to structure and write an academic thesis in economics • expand their skillset in presenting research and presentation techniques and actively participate in academic discussion
7	Prerequisites	All techniques and methods that are part of the curriculum in the first semester
8	Integration in curriculum	semester: 3
9	Module compatibility	Elective Modules Master of Arts Development Economics and International Studies 20192 Freie Ergänzungsstudien Master of Arts Development Economics and International Studies 20192
10	Method of examination	Written or oral
11	Grading procedure	Written or oral (100%)
12	Module frequency	only in winter semester
13	Workload in clock hours	Contact hours: 45 h Independent study: 105 h

14	Module duration	1 semester
15	Teaching and examination language	english
16	Bibliography	Will be provided together with the topic announcements.

1	Module name 57176	Semiparametric methods in econometrics and applications	5 ECTS
2	Courses / lectures	Vorlesung mit Übung: Semiparametric Methods in Econometrics and Applications (2 SWS) (2 SWS)	5 ECTS
3	Lecturers	Leonie Wicht Prof. Bernd Fitzenberger	

4	Module coordinator	Prof. Bernd Fitzenberger
5	Contents	This course presents nonparametric and semiparametric regression techniques which are part of the tool set of modern microeconomic methods and applications. The course covers saturated OLS regression, kernel density estimation, nonparametric regression, partially linear models, semiparametric selection models, inverse probability weighting, penalized regression models as well as parametric and nonparametric quantile regression as basic tools. These methods are used for cross-section data and longitudinal data. Students will familiarize themselves with applying the methods based on selected applications in economic research papers.
6	Learning objectives and skills	<p>Students</p> <ul style="list-style-type: none"> • learn how to learn to think of regression as modelling conditional expectations and features of conditional distribution • learn how that there is a bias and variance trade-off between choosing a flexible regression specification and obtaining precise estimates in light of the curse-of-dimensionality • learn that flexible regression methods require the choice of tuning parameters and how to use statistical approaches to choose the tuning parameters • learn how semiparametric methods are applied in real world econometric studies
7	Prerequisites	Master level Einführung in die Ökonometrie (Introduction into econometrics) (mandatory) and a further course (recommended) in microeconometrics such as Panel and Evaluation Methods or Mikroökonomie und Maschinelles Lernen.
8	Integration in curriculum	semester: 1
9	Module compatibility	Elective Modules Master of Arts Development Economics and International Studies 20192 Freie Ergänzungsstudien Master of Arts Development Economics and International Studies 20192
10	Method of examination	Written examination (90 minutes)
11	Grading procedure	Written examination (100%)
12	Module frequency	only in winter semester
13	Workload in clock hours	Contact hours: 30 h Independent study: 120 h
14	Module duration	1 semester

15	Teaching and examination language	english
16	Bibliography	Pagan, A. and A. Ullah (1999): Nonparametric Econometrics, Cambridge University Press. Wooldridge, J. M. (2010): Econometric Analysis of Cross Section and Panel Data. 2nd edition, Cambridge, MA: MIT Press.

1	Module name 38138	Social Health Protection in South and East Asia	5 ECTS
2	Courses / lectures	The teaching units in the module are only offered in the summer semester. Mandatory attendance	
3	Lecturers	-	

4	Module coordinator	Prof. Dr. Andreas Landmann
5	Contents	<p>Topics vary from year to year. Besides basic conceptual issues in Social Health Protection (SHP), there is a focus on empirical analyses of SHP policies and their effects. Possible topics include:</p> <ul style="list-style-type: none"> • Incentive problems in SHP schemes • Financial protection of users • Other social impacts of SHP policies (education, child labour...) • Financing models for SHP • Gender aspects in SHP • Supply versus demand side models for SHP • Country-specific experiences of SHP reforms
6	Learning objectives and skills	<p>Besides learning some basic concept around SHP, students present and critically discuss empirical research on the recent experiences of many South and East Asian countries, many of which have recently engaged in large-scale reforms aiming at universal health coverage. Students will present their assignments in the seminar. This will develop their skills to understand key challenges in SHP conceptually, to extract related results from quantitative studies, and to present them in a coherent and succinct way. The presentation will be followed by a discussion. In the discussion, students should demonstrate that they have a profound knowledge of the subject that they presented. The discussion also helps students to be convincing and successful in academic discussions. Students demonstrate that they are able to review the relevant literature comprehensively and critically. In particular, they identify the strengths, weaknesses, and gaps in the empirical literature.</p>
7	Prerequisites	Knowledge of Research Methods and Development Economics is recommended
8	Integration in curriculum	semester: 2;4
9	Module compatibility	<p>Elective Modules Master of Arts Development Economics and International Studies 20192</p> <p>Freie Ergänzungsstudien Master of Arts Development Economics and International Studies 20192</p> <p>Regional Modules Master of Arts Development Economics and International Studies 20192</p>
10	Method of examination	<p>Presentation/written assignment</p> <p>Written assignment (15 pages), presentation (40 minutes)</p>
11	Grading procedure	<p>Presentation/written assignment (100%)</p> <p>Written assignment (67%), presentation (33%)</p>
12	Module frequency	only in summer semester

13	Workload in clock hours	Contact hours: 30 h Independent study: 120 h
14	Module duration	1 semester
15	Teaching and examination language	english
16	Bibliography	<p>Besides journal articles on specific topics, the following sources will be considered as general references / introductory reading:</p> <ul style="list-style-type: none"> • Bhattacharya, Jay, Timothy Hyde, and Peter Tu. 2014. Health Economics. Basingstoke: Palgrave Macmillan. • Cotlear, Daniel, Somil Nagpal, Owen Smith, Ajay Tandon, and Rafael Cortez. 2015. Going Universal: How 24 Developing Countries Are Implementing Universal Health Coverage from the Bottom Up. Washington, DC: World Bank. https://doi.org/10.1596/978-1-4648-0610-0. • International Labour Organisation. 2008. "Social Health Protection: An ILO Strategy towards Universal Access to Health Care." Social Security Policy Briefings. https://www.ilo.org/wcmsp5/groups/public/---ed_protect/---soc_sec/documents/publication/wcms_secsoc_5956.pdf. • Normand, Charles, and Axel Weber. 2009. Social Health Insurance: A Guidebook for Planning. Bad Homburg: VAS. https://www.who.int/health_financing/documents/shi-guidebook.pdf.

1	Module name 32234	Specific approaches of selected academic disciplines IId	5 ECTS
2	Courses / lectures	No courses / lectures available for this module!	
3	Lecturers	No lecturers available since there are no courses / lectures for this module!	

4	Module coordinator	Oleg Vasilchenko
5	Contents	no content description available!
6	Learning objectives and skills	no learning objectives and skills description available!
7	Prerequisites	None
8	Integration in curriculum	no Integration in curriculum available!
9	Module compatibility	Elective Modules Master of Arts Development Economics and International Studies 20192 Freie Ergänzungsstudien Master of Arts Development Economics and International Studies 20192
10	Method of examination	Written assignment
11	Grading procedure	Written assignment (100%)
12	Module frequency	no Module frequency information available!
13	Resit examinations	The exams of this moduls can only be resit once.
14	Workload in clock hours	Contact hours: ?? h (keine Angaben zum Arbeitsaufwand in Präsenzzeit hinterlegt) Independent study: ?? h (keine Angaben zum Arbeitsaufwand im Eigenstudium hinterlegt)
15	Module duration	?? semester (no information for Module duration available)
16	Teaching and examination language	german
17	Bibliography	

1	Module name 45002	Seminar sustainability and environmental ethics Sustainability and environmental ethics	5 ECTS
2	Courses / lectures	Seminar: Sustainability and Environmental Ethics (4 SWS)	5 ECTS
3	Lecturers	Prof. Dr. Martin Hartmann Prof. Dr.-Ing. Jürgen Karl	

4	Module coordinator	Prof. Dr. Martin Hartmann Prof. Dr.-Ing. Jürgen Karl
5	Contents	This course introduces the academic approach of sustainability and environmental ethics. It explores how today's human societies can endure in the face of global change, ecosystem degradation and resource limitations. The course focuses on key knowledge areas of sustainability theory and practice, including population, ecosystems, global change, energy, agriculture, water, circular economy, environmental economics and policy, ethics, and cultural history.
6	Learning objectives and skills	<p>Students will become familiar with important concepts of sustainability and environmental ethics and discuss current possibilities, limitations and future challenges.</p> <p>Students who successfully participate in this module can:</p> <ul style="list-style-type: none"> • Understand the concept and methodology of sustainability and environmental ethics • Apply the methodology of green chemistry and engineering • Identify opportunities for improvements by life cycle sustainability assessments (LCSA) • Collect information on topics of current interest and present the results to the course members orally or in writing • Explain and discuss important new concepts (e.g. planetary boundaries, geoengineering, eco-sufficiency, rebound effect)
7	Prerequisites	None
8	Integration in curriculum	semester: 1;2;3;4
9	Module compatibility	Elective Modules Master of Arts Development Economics and International Studies 20192 Freie Ergänzungsstudien Master of Arts Development Economics and International Studies 20192
10	Method of examination	Seminar achievement
11	Grading procedure	Seminar achievement (100%)
12	Module frequency	only in winter semester
13	Workload in clock hours	Contact hours: 60 h Independent study: 90 h
14	Module duration	1 semester
15	Teaching and examination language	english

16	Bibliography	<ul style="list-style-type: none"> • U. Gruber, Sustainability: A Cultural History, Green Books (2012). • I. Pufé, Nachhaltigkeit, UVK Verlagsgesellschaft, 2. Auflage (2014). • A. Reller, L. Marschall, S. Meißner, C. Schmidt, Ressourcenstrategien, WBG (2013) • A. E. Marteel-Parrish, M.A. Abraham (ed.), Green Chemistry and Engineering - A Pathway to Sustainability. John Wiley (2014). • M. Reder, A. Gösele, L.Köhler, J. Wallacher, Umweltethik, W. Kohlhammer GmbH (2019).
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1	Module name 52130	Sustainability management and corporate functions	5 ECTS
2	Courses / lectures	Übung: Advanced Sustainability Management and Corporate Functions (2 SWS) Vorlesung: Advanced Sustainability Management and Corporate Functions (2 SWS)	- 5 ECTS
3	Lecturers	Prof. Dr. Markus Beckmann	

4	Module coordinator	Prof. Dr. Markus Beckmann
5	Contents	<p>This lecture provides an advanced perspective on Corporate Sustainability Management. The lecture starts with a short recap of sustainability management basics (What is sustainability? Why is sustainability increasingly important for business? What are key concepts of sustainability management?)</p> <p>Following this brief recap of the concepts of sustainability and sustainability management, we take a closer look at selected corporate functions such as strategy, marketing, or supply chain management. For each function, we look at the key drivers for corporate sustainability, relevant management tools, best-practice cases, and will discuss risks and opportunities involved in corporate management.</p> <p>Throughout the lecture, we will follow the concept of integrated sustainability management, thus integrating the three pillars of sustainability: economy, natural environment, and society, into the core of a business.</p>
6	Learning objectives and skills	<p>Students will acquire:</p> <ul style="list-style-type: none"> • advanced knowledge in sustainability management, especially in the selected functional areas • discursive and reflective competencies in regards to societally relevant questions • practical insights for implementing sustainability in real-life applications • insights on potential challenges during the implementation of sustainability management
7	Prerequisites	None
8	Integration in curriculum	semester: 3;1;5
9	Module compatibility	Masterprüfung Master of Arts Development Economics and International Studies 2010 Elective Modules Master of Arts Development Economics and International Studies 20192 Freie Ergänzungsstudien Master of Arts Development Economics and International Studies 20192
10	Method of examination	Electronic examination (60 minutes)
11	Grading procedure	Electronic examination (100%)
12	Module frequency	only in winter semester
13	Workload in clock hours	Contact hours: 45 h

		Independent study: 105 h
14	Module duration	1 semester
15	Teaching and examination language	english
16	Bibliography	Readings will be provided via StudOn.

1	Module name 56780	Business ethics and corporate social responsibility Sustainability management, business ethics and corporate social responsibility	5 ECTS
2	Courses / lectures	The teaching units in the module are only offered in the summer semester.	
3	Lecturers	-	

4	Module coordinator	Prof. Dr. Markus Beckmann
5	Contents	This course combines several perspectives on normative issues in business. First, we take a moral psychology perspective to understand how morality helps us solve certain problems, but also creates pitfalls in the modern world. Second, we develop an ethical framework for navigating contentious issues and supporting the search for constructive solutions. Third, we apply this framework to analyze how (why) social and environmental goals are (not) achieved at the macro level. We will pay particular attention to the role of markets and their regulation. Fourth, we take the perspective of the individual firm and ask whether and to what extent firms need to integrate moral issues into their value creation processes. In this context, corporate social responsibility can serve as a means to implement these moral issues. We will therefore take a closer look at CSR, its origins, development and instruments. We conclude the course by discussing various applications and cases.
6	Learning objectives and skills	Students: <ul style="list-style-type: none"> • Are able to provide differentiated arguments on questions relevant to our society • Have skills to critically reflect current issues in business ethics and CSR • Know concepts that help to critically reflect the role of business in society • Understand the changing environment of companies • Are able to use dilemma structure as analytical tool • Understand the CSR discourse and its core concepts
7	Prerequisites	None
8	Integration in curriculum	semester: 2;4
9	Module compatibility	Elective Modules Master of Arts Development Economics and International Studies 20192 Freie Ergänzungsstudien Master of Arts Development Economics and International Studies 20192
10	Method of examination	Electronic examination (60 minutes)
11	Grading procedure	Electronic examination (100%)
12	Module frequency	only in summer semester
13	Workload in clock hours	Contact hours: 30 h Independent study: 120 h
14	Module duration	1 semester

15	Teaching and examination language	english
16	Bibliography	Provided via StudOn

1	Module name 38145	Sustainable Business Development @ Siemens	5 ECTS
2	Courses / lectures	No teaching units are offered for the module in the current semester. For further information on teaching units please contact the module managers. Attendance is mandatory.	
3	Lecturers	-	

4	Module coordinator	Prof. Dr. Matthias Fifka Iman Hamadi Milena Störmer
5	Contents	The seminar course deals with the subject of sustainable business development from a managerial perspective. Thus, the question will be pursued how a business can design its operations more sustainably and by doing so create a value for business and a value for society. The seminar promotes sustainable thinking by analyzing contemporary green logistic topics that Siemens Smart Infrastructure (SI) is currently tackling. Siemens SI is aiming to transform its Nuremberg warehouse into a more sustainable, green warehouse by implementing and applying green solutions within its logistics processes. Working in groups, students are asked to develop sustainable solutions for associated problems and by doing so contribute to the goal of Siemens to become a leading sustainable actor within the area of logistics globally.
6	Learning objectives and skills	<ul style="list-style-type: none"> Students will develop and confidently present sustainable business solutions to Siemens Smart Infrastructure. Students will learn how to work within teams and have the possibility to interact and closely work with a global German corporation. This allows students to apply theory to practice and to get to know a leading employer in the region. Within this framework, competency goals also arise in the areas of sustainable business developmental thinking, research and presentation, teamwork skills, feedback exchange and reflection.
7	Prerequisites	Students should have basic knowledge of economics and business administration. In order to achieve the learning objectives, attendance will be compulsory.
8	Integration in curriculum	semester: 2
9	Module compatibility	Elective Modules Master of Arts Development Economics and International Studies 20192 Freie Ergänzungsstudien Master of Arts Development Economics and International Studies 20192
10	Method of examination	Presentation/written assignment

		Written assignment (15 pages), presentation (40 minutes)
11	Grading procedure	Presentation/written assignment (100%) Written assignment (67%), presentation (33%)
12	Module frequency	Unregelmäßig
13	Workload in clock hours	Contact hours: 30 h Independent study: 120 h
14	Module duration	1 semester
15	Teaching and examination language	english
16	Bibliography	<p>Students are encouraged to search for suitable literature themselves, as this is an important part of scientific work. The starting point can be that of the textbooks and papers recommended below. However, sources beyond these are expected.</p> <ul style="list-style-type: none"> • Ali, Sadia Samar, Rajbir Kaur, and Shahbaz Khan. "Evaluating sustainability initiatives in warehouse for measuring sustainability performance: An emerging economy perspective." <i>Annals of Operations Research</i> (2022): 1-40. • Anil Kumar. 2015. "Green Logistics for Sustainable Development: An Analytical Review." <i>IOSRD International Journal of Business</i>, 191–99. https://doi.org/10.2307/j.ctt46nrzt.12. • Bartolini, Maicol, Eleonora Bottani, and Eric H. Grosse. 2019. "Green Warehousing: Systematic Literature Review and Bibliometric Analysis." <i>Journal of Cleaner Production</i> 226:242–58. https://doi.org/10.1016/j.jclepro.2019.04.055. • Mak, Shu-Lun, Yiu-Man Wong, Kin-Chung Ho, and Chi-Chung Lee. 2022. "Contemporary Green Solutions for the Logistics and Transportation Industry—With Case Illustration of a Leading Global 3PL Based in Hong Kong." <i>Sustainability</i> 14 (14): 8777. https://doi.org/10.3390/su14148777. • Rainey, David L. <i>Sustainable business development: Inventing the future through strategy, innovation, and leadership</i>. Cambridge university press, 2010.

1	Module name 38128	Workshop Computable General Equilibrium Modelling	5 ECTS
2	Courses / lectures	No teaching units are offered for the module in the current semester. For further information on teaching units please contact the module managers.	
3	Lecturers	-	

4	Module coordinator	Prof. Jürgen Kähler
5	Contents	<p>Computable General Equilibrium (CGE) models are popular and efficient research tools to simulate policy effects in diverse areas of economics such as international trade, economic development, migration, energy, environmental and fiscal policy. The workshop will start with a taught element that includes</p> <ul style="list-style-type: none"> • An introduction to CGE models using a simple two-sector model, • A step-by-step introduction to the software and database of the Global Trade Analysis Project (GTAP) and • More detailed information about the core components of the GTAP model. <p>The taught element covers the following topics:</p> <ul style="list-style-type: none"> • Introduction to Computable General Equilibrium Modelling • Overview of GTAP • GTAP Database and Final Demand • Supply and Welfare Decomposition • Factor Markets and Sensitivity Analysis • Working with Satellite Datasets and Miscellanea <p>In the seminar part of the course, students will apply GTAP to economic issues. We will be using the latest GTAP version that includes 141 countries/regions, 65 sectors and 8 factors of productions. Students are free to choose a topic for their application. Potential topics are for instance: Soaring Food Prices, Agricultural Production Subsidies, Climate Change, African Continental Free Trade Agreement and Taxation in India.</p>
6	Learning objectives and skills	<p>Students will</p> <ul style="list-style-type: none"> • acquire a solid knowledge of CGE modelling, • apply a widely used CGE model and database to simulate economic policy interventions, • summarize findings of previous research and contribute with own research to the field of their chosen topic, • practice presentation and discussion of their research output.
7	Prerequisites	None, basic knowledge of microeconomics is very useful.
8	Integration in curriculum	semester: 3;1
9	Module compatibility	<p>Elective Modules Master of Arts Development Economics and International Studies 20192</p> <p>Freie Ergänzungsstudien Master of Arts Development Economics and International Studies 20192</p>

		Elective or elective complementary module for MA DEIS
10	Method of examination	Presentation/written assignment Written assignment (15 pages) and presentation (40 minutes)
11	Grading procedure	Presentation/written assignment (100%) Assignment: 2/3 Presentation: 1/3
12	Module frequency	only in winter semester
13	Workload in clock hours	Contact hours: 30 h Independent study: 120 h
14	Module duration	1 semester
15	Teaching and examination language	english
16	Bibliography	<ul style="list-style-type: none"> • C.I. Dinwiddy & F.J. Teal, The Two-Sector General Equilibrium Model, P. Allan/St. Martin's Press, 1988 • M.E. Burfisher, Introduction to Computable General Equilibrium Models, 3rd ed., Cambridge University Press, 2021 • A. Peng, Introducing CGE Models to the Classroom Using Excel, Working Paper, Ryerson University, 2009.

Free electives

1	Module name 38143	Academic Research and Writing (MA DEIS)	2,5 ECTS
2	Courses / lectures	Tutorium: Academic Research and Writing (MA DEIS) (2 SWS) Attendance is mandatory.	2,5 ECTS
3	Lecturers	Milena Störmer	

4	Module coordinator	Milena Störmer
5	Contents	<p>The academic research and writing seminar introduces students to the basic issues of scientific work, clarifying the fundamentals of the philosophy of science, and teaches selected competencies in the methods of empirical research. The seminar will introduce students to the following topics:</p> <ul style="list-style-type: none"> • scientific work and writing, • the importance of the philosophy of science, • essential basic scientific theory terms and concepts, • the planning of the empirical research process as well as selected data collection techniques (e.g. interview, survey...). <p>In addition to teaching the theoretical basics, students will present reference software tools in order to learn how to manage and organize their referencing when writing seminar papers and their thesis.</p>
6	Learning objectives and skills	The seminar is intended to enable students to apply the acquired knowledge to the preparation of their seminar papers as well as their thesis.
7	Prerequisites	None.
8	Integration in curriculum	semester: 1
9	Module compatibility	Freie Ergänzungsstudien Master of Arts Development Economics and International Studies 20192
10	Method of examination	Presentation/written assignment Written Assignment (summary) Group Presentation
11	Grading procedure	Presentation/written assignment (0%) Ungraded
12	Module frequency	only in winter semester
13	Workload in clock hours	Contact hours: 15 h Independent study: 60 h
14	Module duration	1 semester
15	Teaching and examination language	english
16	Bibliography	<ul style="list-style-type: none"> • Crème, Phyllis and Marry Lea. Writing at University: A Guide for Students. Open University Press. 2003.

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| | <ul style="list-style-type: none">• Clouse, Barbara Fine. <i>Patterns for A Purpose: A Rhetorical Reader</i> 5th ed. New York: McGraw Hill Higher Education, 2009.• Day, Susan, Robert Funk, and Elizabeth McMahan. <i>Literature and the Writing Process</i>. 9th ed. Upper Saddle River: Prentice Hall, 2011.• Soles, Derek. <i>The Essentials of Academic Writing</i>. Boston: Houghton Mifflin, 2005 |
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1	Module name 38141	Advanced Topics in Stata	2,5 ECTS
2	Courses / lectures	No teaching units are offered for the module in the current semester. For further information on teaching units please contact the module managers. Mandatory attendance	
3	Lecturers	-	

4	Module coordinator	Dr. Lisa Rogge
5	Contents	This is an intensive course going beyond the main functionalities of Stata (basic syntax, trouble-shooting, loading and examining data, working with dofiles, basic and semi- advanced data manipulation, combining datasets, basic regressions, and the generation of figures and tables). It will expand on more advanced programming techniques involving macros such as locals and globals, as well as numeric and string loops. More advanced regression commands, graphs, tables, and map creation will be also discussed. Importantly, this course does not aim at teaching statistical concepts, even though it will naturally make use of them throughout.
6	Learning objectives and skills	Students will be able to (1) use Stata's advanced data manipulation functionalities, (2) use the programming features of Stata to automatize repetitive tasks, (3) the basics of handling shapefiles within Stata and creating more sophisticated regression tables (4) run advanced regression analysis, (5) find sophisticated solutions involving programming to their coding problems efficiently and independently, (6) create their own commands. Altogether, students will acquire advanced Stata skills that will enable them to engage with empirical work with programming skills in the context of MA seminars/theses.
7	Prerequisites	Successful completion of the Statistics: Refresher Course and Introduction to Stata is recommended
8	Integration in curriculum	semester: 2;4
9	Module compatibility	Freie Ergänzungsstudien Master of Arts Development Economics and International Studies 20192 Complementary elective module for: "M.A. Development Economics and International Studies"; Complementary elective module for "M.A. Nahoststudien".
10	Method of examination	Written or oral Students are required to complete a take-home project which will broadly test their ability to conduct advanced empirical analyses with the software, with particular emphasis on the following aspects: <ul style="list-style-type: none"> • program a code that handles repetitive tasks efficiently, • ability to conduct advanced regression analyses and produced sophisticated regression tables. After the project submission, students will be required to meet with the module coordinator in order to explain the submitted software code thoroughly.

11	Grading procedure	Written or oral (0%) Successful completion of a take-home project and a presentation/ interview to determine pass/fail. Failed exams can be retaken twice.
12	Module frequency	Unregelmäßig
13	Workload in clock hours	Contact hours: 15 h Independent study: 60 h
14	Module duration	1 semester
15	Teaching and examination language	english
16	Bibliography	Baum (2006) An Introduction to Modern Econometrics Using Stata. Mitchell (2004) A Visual Guide to Stata Graphics.

1	Module name 52890	Applied econometrics	5 ECTS
2	Courses / lectures	Übung: Ü: Applied Econometrics (2 SWS) Vorlesung: VL: Applied Econometrics (2 SWS) Tutorium: TUT: Applied Econometrics (Online) (SWS)	2,5 ECTS 2,5 ECTS 0 ECTS
3	Lecturers	Irina Simankova Prof. Dr. Harald Tauchmann	

4	Module coordinator	Prof. Dr. Harald Tauchmann
5	Contents	The linear Regression model based on a firm theoretical basis and using rigorous notation; endogeneity and instrumental variables estimation; the generalized regression model and heteroscedasticity, the basics of maximum likelihood estimation; using STATA® for applied econometric work
6	Learning objectives and skills	The students deepen their knowledge of linear and non-linear estimation techniques as well as their knowledge of hypotheses testing; students learn how to apply their methodical knowledge to empirical work using the software STATA® and how to interpret estimation results.
7	Prerequisites	Basic knowledge of statistics and econometrics as covered by the optional preparatory course (levelling course).
8	Integration in curriculum	semester: 1
9	Module compatibility	Elective Modules Master of Arts Development Economics and International Studies 20192 Freie Ergänzungsstudien Master of Arts Development Economics and International Studies 20192
10	Method of examination	Written examination (90 minutes) Written exam partly single-choice
11	Grading procedure	Written examination (100%) Limited grade improvement through voluntary homework assignment possible
12	Module frequency	only in winter semester
13	Workload in clock hours	Contact hours: 60 h Independent study: 90 h
14	Module duration	1 semester
15	Teaching and examination language	english
16	Bibliography	Greene, W. H. (2012): Econometric Analysis, Pearson, 7th ed.

1	Module name 75644	Basismodul Außereuropäische Regionen II Basic module: Non-European politics II	5 ECTS
2	Courses / lectures	Proseminar: Lines in Sand? History, Problems and Tribulations of Modern Middle Eastern Borders and State Territories (SWS) Proseminar: Zwischen Emanzipation und neuen Abhängigkeiten. Regime und Geopolitik im post-kolonialen Afrika. (2 SWS) Proseminar: Grundlagen der Vergleichenden Analyse Politischer Systeme: Schwerpunkt MENA (SWS) ja	- - -
3	Lecturers	Philipp Winkler Dr. Simon Primus Katharina Nicolai	

4	Module coordinator	Prof. Dr. Thomas Demmelhuber
5	Contents	<p>Das Modul vermittelt grundlegende Kenntnisse über zwei außereuropäische Regionen (z.B. den Nahen Osten, Südostasien, Nord- oder Lateinamerika). Politikwissenschaftliche Ansätze, die zur Untersuchung dieser Regionen angewendet werden sollen, sind:</p> <ul style="list-style-type: none"> • Transformation politischer Systeme (Kolonisierung und Dekolonisierung, Modernisierungstheorien, Revolutionstheorien, Demokratisierung und andere Formen des Regimewechsels); • historische Analyse langfristiger Auswirkungen geschichtlicher Entwicklungen auf die Ausformung politischer Kulturen; • regionale Kooperation und Konflikte; regionale Formen der Globalisierung; • Ideologiekritik und politisches Denken (z.B. des Nationalismus, Liberalismus, „Fundamentalismus“, Sozialismus). <p>Durch Referate, regelmäßige mündliche Kurzbeiträge aller Teilnehmer und/oder Gruppenarbeiten wird die für das jeweilige Proseminar grundlegende Argumentationsführung gemeinsam erarbeitet.</p>
6	Learning objectives and skills	Die Studierenden üben die Anwendung oben genannter Ansätze exemplarisch ein und sind dadurch in der Lage, grundsätzliche Fragestellungen der oben genannten Aspekte zu erkennen und zu analysieren; - können die erworbenen Grundkenntnisse und –fähigkeiten vor einer Gruppe präsentieren.
7	Prerequisites	Es wird dringend empfohlen, am Proseminar erst teilzunehmen, nachdem das Einführungsmodul erfolgreich absolviert wurde.
8	Integration in curriculum	semester: 2
9	Module compatibility	Elective Modules Master of Arts Development Economics and International Studies 20192 Freie Ergänzungsstudien Master of Arts Development Economics and International Studies 20192

		B.A. Politikwissenschaft
10	Method of examination	Presentation and written assignment Referat (30 Minuten) und Hausarbeit (10-12 Seiten)
11	Grading procedure	Presentation and written assignment (100%) Referat 30%, Hausarbeit 70%
12	Module frequency	every semester
13	Workload in clock hours	Contact hours: 30h Independent study: 120h
14	Module duration	1 semester
15	Teaching and examination language	german english
16	Bibliography	Wird im kommentierten Vorlesungsverzeichnis bekannt gegeben.

1	Module name 38142	Business and Society Business & Society in Africa	5 ECTS
2	Courses / lectures	The teaching units in the module are only offered in the summer semester. Attendance is mandatory.	
3	Lecturers	-	

4	Module coordinator	Milena Störmer
5	Contents	<p>The world order is changing and multi-national corporations (MNCs) are taking on new responsibilities, whether that is on a voluntary or regulatory basis. Next to its economic responsibilities, MNCs are progressively engaging in social, ecological, and political responsibilities. Grand challenges such as the global pandemic, physical and economic insecurities, and fragile democracies need immediate action as stakeholder pressure and the call to fill governance gaps is drastically increasing. Today, corporations have more responsibilities than ever before.</p> <p>This seminar is designed to discuss the changing role of business in today's world, particularly focusing on the African and Latin American regions. The aim is to provide a comprehensive theoretical as well as empirical foundation to assess grand challenges that societies and organizations face. Sustainable business development will play a central role in understanding how MNCs can contribute to today's societal and grand challenges.</p> <p>Students will examine business actions in various institutional contexts (e.g., economic, political-legal, and socio-cultural) and address the relationships between business and society critically, considering alternative approaches to management. Contemporary social challenges in management will be discussed from an organizational (e.g.: corporate social responsibility (CSR), corporate citizenship (CC), stakeholder management, inclusive business, and social enterprises) and systemic perspective (e.g.: sustainable development, cross-sector interactions, and social innovation).</p>
6	Learning objectives and skills	<ul style="list-style-type: none"> Students analyze the changes in the role of business in African or Latin American societies taking in consideration multiple institutional contexts (e.g. economic, political-legal, and socio-cultural). Students reflect and evaluate the different theoretical approaches that explain the particularities of the business and society relationships in Africa or Latin America.

		<ul style="list-style-type: none"> Students independently answer a research question regarding a particular issue related to the business and society relationships in Africa or Latin America. Students plan, carry out research, evaluate and analyze scientific literature related to an issue considered relevant for the better understanding of the business and society relationships Students can present clearly and effectively a particular issue related to the complex business and society relationship in Africa or Latin America
7	Prerequisites	Intended stage in the degree course: second/ third semester
8	Integration in curriculum	semester: 2
9	Module compatibility	Elective Modules Master of Arts Development Economics and International Studies 20192 Freie Ergänzungsstudien Master of Arts Development Economics and International Studies 20192 Regional Modules Master of Arts Development Economics and International Studies 20192
10	Method of examination	Presentation/written assignment Written assignment (15 pages), presentation (40 minutes)
11	Grading procedure	Presentation/written assignment (100%) Written assignment (67%), presentation (33%)
12	Module frequency	only in summer semester
13	Workload in clock hours	Contact hours: 30 h Independent study: 120 h
14	Module duration	1 semester
15	Teaching and examination language	english
16	Bibliography	<ul style="list-style-type: none"> Carroll, A. and Buchholtz, A.K. (2015) Business & Society: Ethics, Sustainability, and Stakeholder Management, Ninth Edition, Stamford, CT: Cengage Learning. Lawrence, A.T. and Weber, J. (2014) Business and Society: Stakeholders, Ethics, Public Policy, Fourteenth Edition, International Edition, Singapore: McGraw Hill Education. Lissner, R.N. and Sherman, H. (2014) Business, Society, and Government Essentials: Strategy and Applied Ethics, Second Edition, New York: Routledge.

1	Module name 53492	Fallstudien und Projekte im Management I Case studies and projects in management I	5 ECTS
2	Courses / lectures	Seminar: Industry 5.0 – Germany's Future of Sustainable Industrial Value Creation with Prof. Oliver Zipse and Dr. Thomas Becker (2 SWS)	5 ECTS
3	Lecturers	Prof. Dr. Markus Beckmann Hannah Altenburg Prof. Dr. Kai-Ingo Voigt	

4	Module coordinator	Prof. Dr. Markus Beckmann Prof. Dr. Kai-Ingo Voigt
5	Contents	During the seminar, which is supported by Prof. Oliver Zipse (CEO of the BMW Group) and Dr. Thomas Becker (VP Sustainability, Mobility of the BMW Group), the students work on current issues of sustainability in technology-oriented industrial companies in groups. The results of the student groups are presented, defended and discussed in a project report and a presentation at a final event.
6	Learning objectives and skills	The student groups develop analyses on complex sustainability management issues, especially in relation to technology-oriented industrial companies, in a largely self-directed manner. For this purpose, the students conduct empirical data collection and literature research. They decide largely independently on the methods of analysis to answer the respective question. The module aims to develop the students ability to structure and present detailed and specialised knowledge based on the current state of understanding of the respective research question. Each student group shares the results developed jointly in the seminar and defends them before Prof. Zipse, Dr. Becker, Prof. Dr. Voigt, and Prof. Dr. Beckmann.
7	Prerequisites	None
8	Integration in curriculum	semester: 2
9	Module compatibility	Elective Modules Master of Arts Development Economics and International Studies 20192 Freie Ergänzungsstudien Master of Arts Development Economics and International Studies 20192
10	Method of examination	Seminar achievement Presentation (20 minutes) 70% and Project report (partially in group work) 30%
11	Grading procedure	Seminar achievement (100%)
12	Module frequency	every semester
13	Workload in clock hours	Contact hours: 30 h Independent study: 120 h
14	Module duration	1 semester

15	Teaching and examination language	english
16	Bibliography	Course specific literature

1	Module name 54324	Climate Policy	5 ECTS
2	Courses / lectures	Seminar: Climate Policy (2 SWS)	5 ECTS
3	Lecturers	Prof. Dr. Johan Lilliestam	

4	Module coordinator	Prof. Dr. Johan Lilliestam
5	Contents	<p>Climate change is one of the big challenges of our time, touching all aspects of the environment and of society. There is broad recognition that governments must do something about it: the implication of the Paris Agreement and its 1.5 and 2 degrees targets is the complete elimination of greenhouse gas emissions from the energy system within the next 30 to 40 years.</p> <p>This is a very complicated problem. Fundamentally this is because it means doing something that humanity has never really tried before at a planetary scale: deliberately altering the ways we produce, convert, and consume energy. Modern society grew up on fossil fuels, and the huge benefits they offered in terms of energy that was inexpensive, easy and safe to transport, store and consume. How to manage a non-fossil world with 8 or 10 billion people, all aspiring to the Western living standards, is a question for which there is no easy answer.</p> <p>From a technical perspective, there are many answers, typically relying on a bouquet of solutions, from wind power to nuclear power, from solar heat to passive housing without any heat demand at all. The technical side of decarbonisation is difficult, but possible.</p> <p>The real nut to crack, however, is about the strategies and governance for how to achieve such a complete transformation: the policy side of climate and energy. This is very complicated, even if we – as we do in this course – exclude the non-energy aspects of the climate transition. Arguably a government could pass a law that forbids people from using fossil fuels. But politically this is unrealistic, at least while so many people depend on fossil fuels in their daily lives. And even worse, it is not certain that it would work, because the technological alternatives may not be available and implementable overnight.</p> <p>What is to be done? For this, one needs to turn to various ideas about what a government can and should do, whether and how it should influence and steer society. On the one hand are ideas suggesting that government should play a very limited role relative to private actors and should step in only to correct “market failures”, with “market-based” interventions designed specifically around that failure. On the other hand are ideas suggesting that government needs to guide the transition more directly, including through public investments or radical reforms, designed to support the solutions determined to be the ones</p>

		<p>we want. And on the third hand, if such a hand exists, are ideas posing that the problem is our own consumption patterns and that these, and economic growth in general, are entirely incompatible with climate protection: only consuming radically less will help. Such fundamental issues come to the fore in climate and energy policy discussions and debates. This course is about all that.</p> <p>The course will meet once per week, with a reading before each class. Typically, this will be 1-3 articles, book chapters or reports on a topic related to the topic of the class, making the reading essential for the class. We will read two entire books, which will form the foundation for the seminar series, and each of the books will be the basis for essays to be written and handed in during the semester. The entire course will be the basis for the final essay, written in presence.</p>
6	Learning objectives and skills	<p>The goal is to give students the ability to evaluate energy and climate policy arguments made by politicians, experts, and academics with a critical eye, informed by knowledge of history, an understanding of the theoretical underpinnings and the empirically observed effects of different strategies. Students successfully finishing the course are able to understand and deconstruct the energy and climate policy debate that is currently raging in Germany, Europe and internationally, and create their own solutions. Thereby, she or he will be able to step into for example a research institute, an NGO or government agency involved in energy policy, policy analysis or political advocacy, and immediately be able to make an informed and creative contribution.</p>
7	Prerequisites	None
8	Integration in curriculum	semester: 1;3
9	Module compatibility	<p>Elective Modules Master of Arts Development Economics and International Studies 20192</p> <p>Freie Ergänzungsstudien Master of Arts Development Economics and International Studies 20192</p>
10	Method of examination	Seminar paper
11	Grading procedure	<p>Seminar paper (100%)</p> <p>The grade is based on the grades of three essays:</p> <ul style="list-style-type: none"> • Essays 1 (10%) and 2 (25%), each max 1000 words, written at home as open-book exams • Essay 3 (65% of the final grade), max 1500 words, will be written in presence as closed-book exam, on a given topic. The topic will be known to students in advance.

12	Module frequency	only in winter semester
13	Workload in clock hours	Contact hours: 45 h Independent study: 105 h
14	Module duration	1 semester
15	Teaching and examination language	english
16	Bibliography	<p>All required readings except the books will be supplied online. The books of Dryzek (Print), Nordhaus and Patt (e-books) are available from the library.</p> <p>Books</p> <p>Mandatory (as input for the essays):</p> <ul style="list-style-type: none"> • William Nordhaus (2015): The Climate Casino. Risk, uncertainty, and economics of a warming world, Yale University Press, New Haven. • Anthony Patt (2015): Transforming Energy. Solving climate change with technology policy, Cambridge University Press, New York. <p>Recommended (selected chapters are mandatory for classes):</p> <ul style="list-style-type: none"> • John Dryzek (2021): The politics of the Earth, OUP Oxford, Oxford. <p>Mandatory reading for each class</p> <p>Will be provided in online well in advance of each class.</p>

1	Module name 38156	Competition Policy in Developing Countries Competition policy in developing countries	5 ECTS
2	Courses / lectures	Vorlesung: Competition Policy in Developing Countries (2 SWS) Attendance is mandatory.	-
3	Lecturers	Prof. Dr. Johannes Paha	

4	Module coordinator	Prof. Dr. Johannes Paha
5	Contents	Starting from a general introduction to development economics, this lecture will focus on market failure as an impediment to countries' economic development. In particular, we will focus on market power that allows firms to charge prices above the level prevailing in competition, which lowers consumer surplus and harms especially the poor if causing higher prices, for example, for food. We will study the relevance of competition policy / competition law for addressing this form of market failure. Similarly, we will learn how to analyze market power using models from industrial organization.
6	Learning objectives and skills	The students (1) receive an introduction to game theory applied to development topics. Based on this knowledge, they (2) will study models on coordination failure and production complementarities before turning to (3) the role of public intervention for correcting market failure, especially in the form of (4) competition policy and (5) state aid.
7	Prerequisites	None. A sound knowledge of microeconomic theory is, however, advisable.
8	Integration in curriculum	semester: 3;1
9	Module compatibility	Elective Modules Master of Arts Development Economics and International Studies 20192 Freie Ergänzungsstudien Master of Arts Development Economics and International Studies 20192 Elective module for: "M.A. Development Economics and International Studies"; Elective module for "MA Nahoststudien"
10	Method of examination	Written examination (60 minutes) Written exam (60 minutes)
11	Grading procedure	Written examination (100%) Written exam (100%)
12	Module frequency	Unregelmäßig
13	Workload in clock hours	Contact hours: 30 h Independent study: 70 h
14	Module duration	1 semester
15	Teaching and examination language	

16	Bibliography	<p>Main textbooks: Motta, M. (2004). "Competition Policy: Theory and Practice." Cambridge University Press.</p> <p>Todaro, M.P. and Smith S.C. (2015). "Economic Development." 12th edition. Pearson.</p>
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1	Module name 57125	Data Science: Foundations, tools and applications in Socio-economics and Marketing Data science: Foundations, tools and applications in socioeconomics and marketing	5 ECTS
2	Courses / lectures	Vorlesung: Data Science: Foundations, Tools, Applications in Socio-Economics and Marketing (2 SWS) Übung: Data Science: Foundations, Tools, Applications in Socio-Economics and Marketing (2 SWS)	5 ECTS 0 ECTS
3	Lecturers	Prof. Dr. Malte Reichelt Prof. Dr. Tobias Wolbring Tilman Wörz	

4	Module coordinator	Prof. Dr. Tobias Wolbring
5	Contents	The lecture provides an overview over foundations, tools and applications of data science in the areas of socio-economics and marketing. Different types of data sources and general tools how to analyze them will be discussed. Furthermore, exemplary studies applying those kinds of data and analysis tools for a variety of topics will be discussed in the lecture.
6	Learning objectives and skills	The students will <ul style="list-style-type: none"> • gain an overview over the foundations and tools of data science • broaden their understanding of the potentials and pitfalls of these tools • advance their critical thinking about empirical evidence • learn to connect theoretical considerations and empirical analyses • apply the tools to specific research questions
7	Prerequisites	Firm knowledge of regression analysis, in particular linear regression, is recommended.
8	Integration in curriculum	semester: 1;3;5
9	Module compatibility	Elective Modules Master of Arts Development Economics and International Studies 20192 Freie Ergänzungsstudien Master of Arts Development Economics and International Studies 20192
10	Method of examination	Written examination (60 minutes)
11	Grading procedure	Written examination (100%)
12	Module frequency	only in winter semester
13	Workload in clock hours	Contact hours: 30h Independent study: 120h

14	Module duration	1 semester
15	Teaching and examination language	english
16	Bibliography	Salganik, Matthew J. (2017): Bit by Bit: Social Research in the Digital Age. Princeton University Press.

1	Module name 38155	Developmental Corporate Social Responsibility Developmental corporate social responsibility	5 ECTS
2	Courses / lectures	Seminar: Developmental Corporate Social Responsibility (2 SWS) Attendance is mandatory.	5 ECTS
3	Lecturers	Milena Störmer	

4	Module coordinator	Milena Störmer
5	Contents	<p>In a time characterized by unrestricted and unregulated markets, complex and intertwined supply chains, widespread and systematic human rights violations, the pressing issues of climate change and environmental degradation, as well as prevalent corruption, confidence in the business world has been steadily declining. Through media presence, digital communication as well as the transparency of corporate sustainability reporting's, the public is ever more skeptical about the private sector and its contribution to societal welfare. As a reaction, corporations have begun adopting a strategic approach towards corporate social responsibility (CSR), establishing a range of commitments, practices, and procedures to ensure that their operations align with social and environmental practices, political approaches and ethical standards. CSR has essentially become a prevalent practice that demands careful consideration and attention from corporations. The theoretical multiplicity tries to explain how the perception of business's role in society has changed, considering businesses also as a contributor to sustainable development. As Ed Freeman said: "There is something suspicious about economics which is why we need CSR." Recent attention to the particularities of CSR activities carried on in developing countries has put in evidence the necessity to evaluate the role of business as an (intentional and unintentional) development agent and the possibilities of CSR activities to support (or hinder) development processes. Moreover, with the adoption of the Sustainable Development Goals (SDGs) in 2015 by the country members of the United Nations organization, an increasing number of corporations have explicitly demonstrated a commitment to the SDGs.</p> <p>This seminar is designed to discuss and evaluate the role of business as a development agent and its contribution to sustainable development. It focuses on obtaining theoretically-informed and practically-relevant knowledge on key CSR themes, including the conceptual boundaries of CSR, motives why corporations strategically engage in CSR, how CSR is implemented in strategies and organizational processes. We will examine CSR activities in developing countries from a development-oriented approach, i.e., CSR activities' reach and scope and their impacts and outcomes for business and society. We will critically examine current forms of corporate social irresponsibility (CSIR) and greenwashing, i.e., cases in which corporations do not live up to their promises made under the name of CSR.</p>

6	Learning objectives and skills	<p>The objective of the course is to enhance skills in critically evaluating and contemplating different perspectives on important themes related to CSR. Moreover, the course encourages students to explore the practical application of these theoretical concepts, thereby highlighting the dilemmas, tensions, paradoxes, and controversies that are inherent in CSR. By doing so, it aims to foster a deeper comprehension of CSR and its strategic significance within today's corporations.</p> <p>In addition, our objective will be:</p> <ul style="list-style-type: none"> • To understand, describe and explain key debates in corporate social responsibility and its relevance for corporations in developing countries. • To critically analyze, reflect and evaluate various CSR themes, using academic articles and hands-on practical examples. • To connect CSR themes to analyze the dilemmas and tensions of managing CSR and to communicate them. • To recognize and evaluate evolving CSR-themes that might become strategically relevant for corporations. • To understand and communicate personal values in thinking about the role of business in society.
7	Prerequisites	Only students that are in the 3rd semester of the DEIS program are eligible for attending the seminar. Students should have attended the lecture on International Business Ethics I . Basic knowledge of economics and business administration is required. In order to achieve the learning objectives, attendance will be compulsory.
8	Integration in curriculum	no Integration in curriculum available!
9	Module compatibility	<p>Elective Modules Master of Arts Development Economics and International Studies 20192</p> <p>Freie Ergänzungsstudien Master of Arts Development Economics and International Studies 20192</p>
10	Method of examination	Presentation/written assignment
11	Grading procedure	<p>Presentation/written assignment (100%)</p> <p>Assessment:</p> <ul style="list-style-type: none"> • Presentation: 40% • Written Assignment: 60%
12	Module frequency	Unregelmäßig
13	Workload in clock hours	<p>Contact hours: 21 h</p> <p>Independent study: 120 h</p>
14	Module duration	1 semester
15	Teaching and examination language	english
16	Bibliography	<ul style="list-style-type: none"> • Wickert, C. and Risi, D. (2019). Corporate Social Responsibility, Cambridge University Press • Jamali, D., Karam, C & Blowfield, M. (2015) Development-Oriented Corporate Social Responsibility. Volume 1:

		<p>Multinational corporations and the global context. Greenleaf. Sheffield.</p> <ul style="list-style-type: none"> • Saebi, T., Foss, N. J., & Linder, S. (2019). Social entrepreneurship research: Past achievements and future promises. <i>Journal of Management</i>, 45(1), 70-95. • Hambrick, D. C., & Wowak, A. (2019). CEO Sociopolitical Activism: A Stakeholder Alignment Model. <i>Academy of Management Review</i>. • Burbano, V. (2019). The Demotivating Effects of Communicating a Social-Political Stance: Field Experimental Evidence from an Online Labor Market Platform. • Habel, J., Schons, L. M., Alavi, S., & Wieseke, J. (2016). Warm glow or extra charge? The ambivalent effect of corporate social responsibility activities on customers' perceived price fairness. <i>Journal of Marketing</i>, 80(1): 84-105. • Dmytriyev, S. D., Freeman, E. & Hörisch, J. (2021). The Relationship between Stakeholder Theory and Corporate Social Responsibility: Differences, Similarities, and Implications for Social Issues in Management. <i>Journal of Management Studies</i>, 58(6), 1441-1470. • Freeman, E. and Freeman, B. (2023). Business in a Post-COVID World: The Move to Stakeholder Capitalism. • Scherer, A.G. and Palazzo, G. (2011). The new political role of business in a globalized world: A review of a new perspective on CSR and its implications for the firm, governance, and democracy. <i>Journal of Management Studies</i>, 48, 899– 931. • Reinecke, J., & Donaghey, J. (2021). Political CSR at the Coalface – The Roles and Contradictions of Multinational Corporations in Developing Workplace Dialogue. <i>Journal of Management Studies</i>, 58(2), 457-486. • Blowfield, M. & Dolan, C. (2014) Business as a development agent: evidence of possibility and improbability. <i>Third World Quarterly</i>, 35(1), pp. 22-42. • Riera, M., and Iborra, M. (2017) Corporate social irresponsibility: review and conceptual boundaries. <i>European Journal of Management and Business Economics</i>, 26(2), 146-162. • Iborra, M., and Riera, M., (2022). Corporate social irresponsibility: What we know and what we need to know. <i>Corporate Social Responsibility and Environmental Management</i>, 30(3), 1421-1439
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1	Module name 38127	Development Policy	5 ECTS
2	Courses / lectures	Masterseminar: Development Economics and Policy (2 SWS) Seminar (2 SWS)	5 ECTS
3	Lecturers	Prof. Dr. Holger Seebens	

4	Module coordinator	Prof. Dr. Holger Seebens
5	Contents	<ul style="list-style-type: none"> • What is development and what are goals of policy making? • General issues involved in designing policies • Planning interventions • Evaluating interventions
6	Learning objectives and skills	<p>Understanding development implies trying to understand the complexities involved in economic, social, or environmental change. Such complexity derives from interrelationships of many agents making decisions to pursue their interests given their specific institutional environment. Given this complexity, policies are designed to induce development.</p> <p>In this module, students will reflect upon and become familiar with the challenges of designing and implementing development policies. They learn a general framework to plan and evaluate interventions that aim at inducing development. Students will design their own development intervention, which will be presented and discussed.</p> <p>After the course, students are able to analyze social, economic and political environments in which interventions are implemented. They can critically assess current policies, can develop interventions and are familiar with challenges that can come up in the course of planning, implementing and evaluating development projects.</p>
7	Prerequisites	Development Economics I & II is recommended
8	Integration in curriculum	semester: 1;3
9	Module compatibility	<p>Elective Modules Master of Arts Development Economics and International Studies 20192</p> <p>Freie Ergänzungsstudien Master of Arts Development Economics and International Studies 20192</p>
10	Method of examination	<p>Presentation/written assignment</p> <p>Written assignment (ca. 15 pages) and presentation (ca. 20 minutes)</p>
11	Grading procedure	Presentation/written assignment (100%)
12	Module frequency	only in winter semester
13	Workload in clock hours	Contact hours: 30 h

		Independent study: 120 h
14	Module duration	1 semester
15	Teaching and examination language	english
16	Bibliography	<p>Bardhan, Pranab and Chris Udry (1999): Development Microeconomics.</p> <p>Basu, Kaushik (1997): Analytical Development Economics.</p> <p>De Janvry, Alain and Elisabeth Sadoulet (2021): Development Economics</p> <p>Easterly, William (2006): The white man's burden.</p> <p>Sachs, Jeffrey (2005): The end of poverty.</p> <p>Sen, Amartya (2001): Development as freedom.</p> <p>Sen, Amartya (1988): The concept of development.</p>

1	Module name 38139	Economic History and Development of Europe and the Middle East	5 ECTS
2	Courses / lectures	The teaching units in the module are only offered in the summer semester. Attendance required.	
3	Lecturers	-	

4	Module coordinator	Prof. Dr. Christine Binzel
5	Contents	The seminar gives an introduction to the economic history and development of Europe vis-à-vis the Middle East, in particular explanations for why the Middle East, once economically and scientifically advanced, fell behind Europe. The latter includes an examination of how Islam likely shaped the economic development of the Middle East. Throughout, the emphasis is on analysis rather than description.
6	Learning objectives and skills	Students (1) deepen their knowledge about and their understanding of the economic history and development of Europe vis-à-vis the Middle East, (2) work independently on a particular research topic, (3) engage with the academic literature and thereby strengthen their ability to critically read and assess applied work, and (4) improve their skills on how to structure and discuss academic work. Furthermore, by actively participating in class, students (5) learn how to apply peer review techniques and how to react on peer review – one of the most important instruments in scientific life.
7	Prerequisites	None.
8	Integration in curriculum	semester: 2;4
9	Module compatibility	Elective Modules Master of Arts Development Economics and International Studies 20192 Freie Ergänzungsstudien Master of Arts Development Economics and International Studies 20192 Regional Modules Master of Arts Development Economics and International Studies 20192
10	Method of examination	Presentation/written assignment Written assignment (15 pages) and presentation (30 minutes)
11	Grading procedure	Presentation/written assignment (100%) Written assignment (67 %), Presentation (33 %)
12	Module frequency	only in summer semester
13	Workload in clock hours	Contact hours: 30 h Independent study: 120 h
14	Module duration	1 semester
15	Teaching and examination language	english

16	Bibliography	<p>The class will draw on journal articles which will be made available via StudOn as well as on the following three books:</p> <p>Kuran, Timur. 2011. <i>The Long Divergence: How Islamic Law Held Back the Middle East</i>. Princeton: Princeton University Press.</p> <p>Platteau, Jean-Philippe. 2017. <i>Islam Instrumentalised: Religion and Politics in Historical Perspective</i>. Cambridge: Cambridge University Press.</p> <p>Rubin, Jared. 2017. <i>Rulers, Religion, and Riches: Why the West Got Rich and the Middle East Did Not</i>. New York: Cambridge University Press.</p>
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1	Module name 38147	Economic Mechanisms of International Integration	2,5 ECTS
2	Courses / lectures	No courses / lectures available for this module! Attendance is mandatory.	
3	Lecturers	No lecturers available since there are no courses / lectures for this module!	

4	Module coordinator	Prof. Jürgen Kähler	
5	Contents	<p>The seminar course deals with the subject of sustainable business development from a managerial perspective. Thus, the question will be pursued how a business can design its operations more sustainably and by doing so create a value for business and a value for society. The seminar promotes sustainable thinking by analyzing contemporary green logistic topics that Siemens Smart Infrastructure (SI) is currently tackling. Siemens SI is aiming to transform its Nuremberg warehouse into a more sustainable, green warehouse by implementing and applying green solutions within its logistics processes. Working in groups, students are asked to develop sustainable solutions for associated problems and by doing so contribute to the goal of Siemens to become a leading sustainable actor within the area of logistics globally.</p>	
6	Learning objectives and skills	<ul style="list-style-type: none"> • Students will develop and confidently present sustainable business solutions to Siemens Smart Infrastructure. • Students will learn how to work within teams and have the possibility to interact and closely work with a global German corporation. This allows students to apply theory to practice and to get to know a leading employer in the region. • Within this framework, competency goals also arise in the areas of sustainable business developmental thinking, research and presentation, teamwork skills, feedback exchange and reflection. 	
7	Prerequisites	Students should have basic knowledge of economics and business administration. In order to achieve the learning objectives, attendance will be compulsory.	
8	Integration in curriculum	semester: 2	
9	Module compatibility	Freie Ergänzungsstudien Master of Arts Development Economics and International Studies 20192	
10	Method of examination	Written or oral	
11	Grading procedure	Written or oral (100%)	
12	Module frequency	Unregelmäßig	
13	Workload in clock hours	Contact hours: 21 h	

		Independent study: 120 h
14	Module duration	1 semester
15	Teaching and examination language	
16	Bibliography	<p>Students are encouraged to search for suitable literature themselves, as this is an important part of scientific work. The starting point can be that of the textbooks and papers recommended below. However, sources beyond these are expected.</p> <ul style="list-style-type: none"> • Ali, Sadia Samar, Rajbir Kaur, and Shahbaz Khan. "Evaluating sustainability initiatives in warehouse for measuring sustainability performance: An emerging economy perspective." <i>Annals of Operations Research</i> (2022): 1-40. • Anil Kumar. 2015. "Green Logistics for Sustainable Development: An Analytical Review." <i>IOSRD International Journal of Business</i>, 191–99. https://doi.org/10.2307/j.ctt46nrzt.12. • Bartolini, Maicol, Eleonora Bottani, and Eric H. Grosse. 2019. "Green Warehousing: Systematic Literature Review and Bibliometric Analysis." <i>Journal of Cleaner Production</i> 226:242–58. https://doi.org/10.1016/j.jclepro.2019.04.055. • Mak, Shu-Lun, Yiu-Man Wong, Kin-Chung Ho, and Chi-Chung Lee. 2022. "Contemporary Green Solutions for the Logistics and Transportation Industry—With Case Illustration of a Leading Global 3PL Based in Hong Kong." <i>Sustainability</i> 14 (14): 8777. https://doi.org/10.3390/su14148777. • Rainey, David L. <i>Sustainable business development: Inventing the future through strategy, innovation, and leadership</i>. Cambridge university press, 2010.

1	Module name 53286	Economics of climate change (ECC)	5 ECTS
2	Courses / lectures	Übung: Economics of Climate Change (ECC) (2 SWS) Vorlesung: Economics of Climate Change (ECC) (2 SWS)	- 5 ECTS
3	Lecturers	Dr. Jonas Egerer Johannes Wirth Kiana Niazmand Prof. Dr. Veronika Grimm	

4	Module coordinator	Dr. Jonas Egerer Prof. Dr. Veronika Grimm
5	Contents	<p>This course focuses on the interactions between society, the economy and climate change: one of the greatest challenges of our time. The course will discuss the origin of environmental challenges, technological options for their solution and policies to promote the transformation to a climate neutral economy and society. The following issues will be covered:</p> <ul style="list-style-type: none"> • Welfare economics and the environment • Externalities and origins of the sustainability problem • Climate change and the greenhouse gas effect • Global climate scenarios • Economics of low-carbon technologies • Global and regional low carbon scenarios • Measures of climate resilience • Pollution control: Targets and policy instruments • International Cooperation: Kyoto Protocol and Paris Agreement • Applications of Climate Policy: EU-ETS and national CO2-tax • Case studies for the energy, heat and mobility sector
6	Learning objectives and skills	<p>Students who participate in this course will become familiar with the physical science basis of climate change, economic concepts for the allocation of public goods, scenarios for low-carbon energy systems from a technological and an economic perspective, and policy instruments to reduce greenhouse gas emissions.</p> <p>Students who successfully participate in this module can:</p> <ul style="list-style-type: none"> • Explain the physical basics of climate change • Understand economic concepts for public goods • Compare different low-carbon technologies • Describe pathways towards sustainable energy systems • Develop an understanding of climate resilience • Discuss different policy instruments • Understand the EU-ETS and national carbon taxes • Develop sector specific scenarios in case studies
7	Prerequisites	To succeed in this course, students will need to apply acquired knowledge from e.g. economics and mathematics.
8	Integration in curriculum	semester: 3

9	Module compatibility	Elective Modules Master of Arts Development Economics and International Studies 20192 Freie Ergänzungsstudien Master of Arts Development Economics and International Studies 20192
10	Method of examination	Written Written examination (60 minutes)
11	Grading procedure	Written (50%) Written examination (50%)
12	Module frequency	only in winter semester
13	Workload in clock hours	Contact hours: 60 h Independent study: 90 h
14	Module duration	1 semester
15	Teaching and examination language	english
16	Bibliography	Natural Resource and Environmental Economics. Roger Perman et al. Addison Wesley.

1	Module name 53285	Empirical environmental economics	5 ECTS
2	Courses / lectures	Vorlesung: Empirical Environmental Economics (2 SWS)	5 ECTS
3	Lecturers	Prof. Dr. Mario Liebensteiner	

4	Module coordinator	Prof. Dr. Mario Liebensteiner
5	Contents	This module provides an introduction to focal issues of environmental economics with a particular focus on empirical investigations. The module sets out to make students familiar with state-of-the-art econometric research methods in environmental economics. Key issues will be carbon emissions from the energy and transportation sectors, carbon pricing, integration and subsidization of renewable energies, and the effectiveness of different climate policies.
6	Learning objectives and skills	<ul style="list-style-type: none"> Students get to know fundamental problems of environmental economics (e.g. problems of air pollution from burning fossil fuels, integration of renewable energy sources, and effective policy making) Students get to know recent econometric approach
7	Prerequisites	Basic microeconomics Basic econometrics (at least multivariate OLS regressions)
8	Integration in curriculum	semester: 3
9	Module compatibility	Elective Modules Master of Arts Development Economics and International Studies 20192 Freie Ergänzungsstudien Master of Arts Development Economics and International Studies 20192
10	Method of examination	Presentation Written examination (90 minutes)
11	Grading procedure	Presentation (20%) Written examination (80%)
12	Module frequency	only in winter semester
13	Workload in clock hours	Contact hours: 45 h Independent study: 105 h
14	Module duration	1 semester
15	Teaching and examination language	english
16	Bibliography	Journal articles and other relevant reading materials: will be distributed to course participants via StudOn Wooldridge, J.M. 2012 Introductory Econometrics: A Modern Approach. South-Western Cengage Learning.

1	Module name 54323	Energy policy instruments for deep decarbonisation	5 ECTS
2	Courses / lectures	Seminar: Energy policy: instruments for deep decarbonisation (3 SWS)	5 ECTS
3	Lecturers	Prof. Dr. Johan Lilliestam	

4	Module coordinator	Prof. Dr. Johan Lilliestam
5	Contents	<p>Climate change is one of the big political challenges of our time. It has been on the political agenda for some 30 years, in an increasing number of countries. With the Paris Agreement, almost all countries have committed themselves to contributing their share to limiting the global temperature to well below 2 degrees, implying a commitment to a carbon-neutral global economy by mid-century.</p> <p>In terms of emission reductions, one cannot say that it has gone well: globally, GHG emissions are still increasing. To a large extent, this ongoing increase is presently caused by economic growth and industrial development in emerging countries, causing a hunger for energy that is often fed with fossil energy, including oil for the growing transport systems and coal or gas power for the power grids.</p> <p>In the industrialised world itself, however, emissions often decrease. In Europe, for example, GHG emissions have decreased by some 20% compared to 1990, and the European Union met its 2020 climate target. Evidently, it is possible to bend the emissions curve. Particularly the energy sector – responsible for some 2/3 of global greenhouse gas emissions – starts seeing radical changes, both through the rise of renewable energy technologies and efficiency measures. In Europe, at least some policy efforts appear to have worked: emissions and energy demand are decreasing, and European (together with a handful of other countries') policies have contributed to making renewables technologically and economically viable, putting Europe and all other countries in a position where complete energy system decarbonisation may be feasible.</p> <p>In this course, we will explore the instrumentation of climate policy in the energy sector, especially on the European and national levels. The course will centre on historical and prospective policy analysis of energy policy instruments, drawing on concepts, theories and evaluation frameworks from various disciplines, including political science and environmental, behavioural and evolutionary economics. We will go far beyond the conventional description of "climate policy" as global treaties and carbon pricing, and look at the broad set of policy instruments that affect the chances to decarbonise energy, with a focus on the European context. In this course, we will</p>

		<ul style="list-style-type: none"> • create policy solutions to take us from today's fossil-based system to a carbon-neutral energy future in Europe, by • investigating different types of energy policy instruments, their theoretical roots and expected effects; • analysing the actual performance of these instruments through case studies of both successful and failed historical cases, in order to understand how instrument design affects success chances, but also how instruments differ in both scope and aim; • learning how instruments interact in a policy mix, each performing a specific task and contributing to a successful energy transition. <p>The course is designed in a flipped classroom approach, with extensive preparations needed – both reading and watching the input presentations for each class (see below) – and entirely interaction-based meetings in class. In the class meetings, we will be working together to draw lessons from the input presentations and to solve case problems taken from real-world situations in European energy policy, from heat decarbonisation in Finland to wind power deployment in France, from electric car chargers in Berlin to building bikelanes in Amsterdam.</p> <p>The main input format for each seminar day will be presentations by students, for each block 3-5 presentations (depending on the number of students) of 15-20 minutes each, focusing either on the theoretical embedding of the class or on describing and evaluating real-world cases in which the instrument has been implemented. The presentations will be graded, making up a part of your final grade. All will receive written feedback from me, as I believe this is essential for learning and improving presentation skills.</p> <p>These presentations will be recorded by the students and the videos made available at least 3 days before each class day. Instead of sitting through 1-1.5 hours of presentations on each seminar day, which would be tiring for all, we “shift” this time to before the actual meeting, so that the 4.5 hours of each (double) seminar each physical meeting will instead be around 3 hours minutes, so from 13.15 to approximately 16.45 (including coffee). It does not reduce the workload or teaching time, but it does increase the flexibility in preparing for class.</p>
6	Learning objectives and skills	<p>Students understand the breadth of the climate and energy policy field, the diversity of instruments, and know how the main instrument types work and interact. They are able to identify a policy and allocate it to the appropriate theoretical roots. Students are able to evaluate whether a policy is likely to achieve its aims, informed by knowledge of the functioning, efficiency and effectiveness of similar policies elsewhere or in the past, and</p>

		can suggest alternative or complementing policies for achieving a particular energy policy goal. Students are able to generalise and combine knowledge about the barriers to decarbonisation in various energy sectors and the barriers addressed by specific policy instruments as applied in cases discussed in class, in order to create own suggestions for decarbonisation of any energy sector or geographic context.
7	Prerequisites	None
8	Integration in curriculum	semester: 1;3
9	Module compatibility	Elective Modules Master of Arts Development Economics and International Studies 20192 Freie Ergänzungsstudien Master of Arts Development Economics and International Studies 20192
10	Method of examination	Oral
11	Grading procedure	Oral (100%) The grading will be based to 1/3 on your presentation grade and 2/3 of an oral exam grade. Each student will receive an individual presentation grade and feedback, but the presentation grade will also consist (25%) of the coordination of the group of presentations of each session as a whole. The course will end with an oral exam of 15-20 minutes, counting 2/3 towards the final grade. At this exam, each student will be given case to solve (in advance), prepare a solution, briefly summarise it and defend it. Each case will be of the format "given the policies COUNTRY has in place to decarbonise SECTOR, what should it do – to complement or replace the existing policy mix – in order to reach the 2030 target and enter a path to carbon neutrality by mid-century?"
12	Module frequency	only in winter semester
13	Workload in clock hours	Contact hours: 45 h Independent study: 105 h
14	Module duration	1 semester
15	Teaching and examination language	english
16	Bibliography	There will be substantial reading required in preparation of each class, consisting both of academic literature and of primary policy texts. A book (M. Grubb: <i>Planetary Economics</i>) will accompany us throughout the semester. This book is available as an open access ebook. The full list of mandatory readings will be available on the course page. •

		<ul style="list-style-type: none"> ◦ Michael Grubb (2014): Planetary Economics, Routledge. • ◦ Reading list and texts will be provided when the semester starts. • ◦ An initial set of suggested readings will be recommended, but students will need to do their own research of both the theory and empirics of the case studies.
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1	Module name 53710	Foundations of international management I	5 ECTS
2	Courses / lectures	Seminar: Foundations of International Management I (1 ECTS, Seminar) (1 SWS) Vorlesung: Foundations of International Management I (2 SWS)	1 ECTS 4 ECTS
3	Lecturers	Prof. Dr. Dirk Holtbrügge Laura Kirste	

4	Module coordinator	Prof. Dr. Dirk Holtbrügge
5	Contents	1. Environment of International Management: History and Major Trends 2. Theoretical and Conceptual Foundations of International Management 3. Theories of Internationalization 4. Strategic Management in International Corporations.
6	Learning objectives and skills	The participants understand and analyze typical management problems of international firms. The participants will get to know modern theories and methods of international management and will be able to apply these to practical problems. They get a detailed overview of the current state of international management research and are able to evaluate theoretical and empirical studies in this area critically.
7	Prerequisites	English language proficiency (C1)
8	Integration in curriculum	semester: 1
9	Module compatibility	Elective Modules Master of Arts Development Economics and International Studies 2010 Elective Modules Master of Arts Development Economics and International Studies 20192 Freie Ergänzungsstudien Master of Arts Development Economics and International Studies 20192
10	Method of examination	Report Presentation <i>Details for the examination for the lecture: Report (6 pages)</i> <i>Details for the examination for the seminar: Oral presentation (attendance mandatory)</i>
11	Grading procedure	Report (80%) Presentation (20%) <i>Details: Report (Lecture): 80%; Presentation (Seminar) 20%</i>
12	Module frequency	only in winter semester
13	Workload in clock hours	Contact hours: 45 h Independent study: 105 h
14	Module duration	1 semester
15	Teaching and examination language	english

16	Bibliography	Holtbrügge, D. & Welge, M.K. (2020). International Management. Mimeo, Nürnberg (chapters 1-4). Holtbrügge, D. & Haussmann, H. (eds.) (2017). Internationalization Strategies of Firms. Case Studies from the Nürnberg Metropolitan Region. 2nd edition. Augsburg-München: Hampp.
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1	Module name 57453	Branchen- und themenspezifisches Nachhaltigkeitsmanagement Industry and issue specific sustainability management	5 ECTS
2	Courses / lectures	Seminar: Innovation für Nachhaltigkeit bei Uvex – ein gemeinsames Projektseminar (2 SWS)	5 ECTS
3	Lecturers	Julia Gebert Katrin Schwarzfischer	

4	Module coordinator	Prof. Dr. Markus Beckmann
5	Contents	<p>Das Seminar vermittelt Inhalte zu den Grundlagen des Nachhaltigkeitsmanagements in Forschung und Praxis. In enger Zusammenarbeit mit unserem Unternehmenspartner Uvex werden aktuelle Herausforderungen für die Nachhaltigkeit im Unternehmen identifiziert und Lösungsvorschläge erarbeitet.</p> <p>Die ersten Sitzungen dienen dazu, eine interaktive Einführung in das Thema Nachhaltigkeit zu geben und die unterschiedlichen Wissensstände der Studierenden aus verschiedenen Disziplinen zu harmonisieren. Die Studierenden lernen verschiedene Konzepte und Instrumente des Nachhaltigkeitsmanagements kennen. Damit zielt das Seminar auf ein systematisches Verständnis relevanter Managementwerkzeuge und neuartiger Instrumente und Funktionen zur Bewältigung von Nachhaltigkeitsthemen. Nach einer theoretischen Einführung werden die Studierenden mit den aktuellen Nachhaltigkeitsthemen bei Uvex in den Dimensionen der Triple Bottom Line vertraut gemacht. Diese Projekte konzentrieren sich auf Themen wie Kreislaufwirtschaft oder Impact Assessment. Im zweiten Teil des Seminars geht es darum, das theoretische Wissen in die Praxis umzusetzen. Zu diesem Zweck arbeiten die Studierenden in Projektteams an einer praktischen Lösung für ein bei Uvex identifiziertes Nachhaltigkeitsproblem in kooperativer Abstimmung mit den Seminarleitern. In einer Zwischenpräsentation haben die Studierenden die Möglichkeit, Feedback zu erhalten und ihre Ideen zu überarbeiten. Am Ende des Seminars findet eine Abschlusspräsentation statt und die Studierenden erstellen eine Dokumentation ihrer Projektarbeit.</p>
6	Learning objectives and skills	<p>Am Ende des Seminars sind die Studierenden in der Lage</p> <ul style="list-style-type: none"> • Nachhaltigkeitsthemen aus der Praxis zu identifizieren und deren Managementrelevanz zu beurteilen; • grundlegende betriebswirtschaftliche Ansätze zur Bewältigung sozialer und ökologischer Probleme zu analysieren und anzuwenden; • ihre qualitativen Forschungs- und Projektmanagementkompetenzen anzuwenden; • Methoden des Nachhaltigkeitsmanagements zu reflektieren und selbstbewusst umzusetzen;

		<ul style="list-style-type: none"> • Soft Skills wie strukturierte Teamarbeit und professionelle Präsentationen anzuwenden und zu reflektieren
7	Prerequisites	<ul style="list-style-type: none"> • Bereits besuchte Kurse zum Nachhaltigkeitsmanagement sind von Vorteil • Interesse an praxisorientiertem Nachhaltigkeitsmanagement; • Motivation zur selbständigen Arbeit in einem Team
8	Integration in curriculum	semester: 3;1;5;7
9	Module compatibility	<p>Elective Modules Master of Arts Development Economics and International Studies 20192</p> <p>Freie Ergänzungsstudien Master of Arts Development Economics and International Studies 20192</p>
10	Method of examination	<p>Presentation Written Gemeinsame Analyse und Bearbeitung einer Nachhaltigkeitsherausforderung und Konzeptentwicklung in Projektteams mit Zwischen- und Abschlusspräsentation. Zusätzlich wird die Dokumentation des Problemlösungsprozesses benotet.</p>
11	Grading procedure	<p>Presentation (70%) Written (30%) Präsentation (70%) und Dokumentation (30%)</p>
12	Module frequency	only in winter semester
13	Workload in clock hours	<p>Contact hours: 30 h Independent study: 120 h</p>
14	Module duration	1 semester
15	Teaching and examination language	<p>german or english english</p>
16	Bibliography	All necessary materials will be provided via StudOn

1	Module name 38140	International Monetary Economics International Monetary Economics	5 ECTS
2	Courses / lectures	The teaching units in the module are only offered in the summer semester.	
3	Lecturers	-	

4	Module coordinator	Prof. Jürgen Kähler
5	Contents	<p>The course examines issues of international monetary economics from theoretical, empirical, historical, and institutional perspectives. Emphasis will be put on experiences of emerging markets and developing countries.</p> <ul style="list-style-type: none"> • The Foreign Exchange Market • Interest Rate Parity • Purchasing Power Parity • Exchange Rate Determination and Forecasting • Exchange Rate Systems • Currency Crises • Sustainability of Current Account Deficits • Country Risk and International Debt Crises <p>Case studies will be analyzed in the tutorials.</p>
6	Learning objectives and skills	<ul style="list-style-type: none"> • Solid knowledge of the institutional framework of international financial markets • Understanding the historical development of exchange-rate systems and the pros and cons of flexible and fixed exchange rates • Applying empirical data to parity conditions and models of exchange rate determination • Evaluation of political and economic indicators of country risk • Assess the sustainability of current account deficits • Understanding the causes of currency and debt crises <p>Personal and social skills are developed in the tutorials. In particular, students learn how to clearly and succinctly present the answers to empirical or analytical exercises and how to interact with fellow students in an academic debate.</p>
7	Prerequisites	None
8	Integration in curriculum	semester: 2;4
9	Module compatibility	<p>Elective Modules Master of Arts Development Economics and International Studies 20192</p> <p>Freie Ergänzungsstudien Master of Arts Development Economics and International Studies 20192</p> <p>Elective module or elective complementary module for “M.A. Development Economics and International Studies”</p>
10	Method of examination	<p>Written examination (60 minutes)</p> <p>Written exam (60 minutes)</p>
11	Grading procedure	<p>Written examination (100%)</p> <p>Written exam 100%</p>

12	Module frequency	only in summer semester
13	Workload in clock hours	Contact hours: 45 h Independent study: 105 h
14	Module duration	1 semester
15	Teaching and examination language	english
16	Bibliography	<p>R.C. Feenstra and A.M. Taylor, International Economics (or: International Macroeconomics), 5th ed., Worth, 2021.</p> <p>P.R. Krugman, M. Obstfeld and M.J. Melitz, International Economics (or: International Finance), 12th ed., Pearson, 2022.</p> <p>G. Bekaert, R. Hodrick, International Financial Management, 3rd edition, Cambridge University Press, 2018.</p> <p>Additional readings (papers) will be provided.</p>

1	Module name 52290	International finance	5 ECTS
2	Courses / lectures	Vorlesung: International Finance (2 SWS) Übung: Übung zu International Finance (2 SWS)	5 ECTS -
3	Lecturers	Prof. Dr. Christian Merkl Kristina Saveska	

4	Module coordinator	Prof. Dr. Christian Merkl
5	Contents	This course covers a wide range of topics (e.g., exchange rates and exchange rate regimes, national accounts and capital flows, international financial system, international banking and central banking). Basic economic concepts will be provided as a background. Statistics and empirical results will be shown to understand the validity of these concepts. Recent real life examples/case studies will be used to analyze the implications for policy makers, international organisations and business.
6	Learning objectives and skills	Students <ul style="list-style-type: none"> • understand and apply basic concepts of exchange rate determination and their validity. • learn about driving forces of capital flows. • analyze how international (central) banking and the international financial system work. • apply their knowledge in a presentation (either in case study style or in a small quantitative project).
7	Prerequisites	Macroeconomics (Bachelor)
8	Integration in curriculum	semester: 3
9	Module compatibility	Elective Modules Master of Arts Development Economics and International Studies 20192 Freie Ergänzungsstudien Master of Arts Development Economics and International Studies 20192
10	Method of examination	Written or oral (60 minutes)
11	Grading procedure	Written or oral (100%) The grade can be improved up to 0.7 units with a voluntary presentation during the winter term. This requires the written exam to be graded no worse than 4.0.
12	Module frequency	only in winter semester
13	Workload in clock hours	Contact hours: 45 h Independent study: 105 h
14	Module duration	1 semester
15	Teaching and examination language	english
16	Bibliography	Presentation slides and relevant literature will be provided

1	Module name 38129	International Political Economy	5 ECTS
2	Courses / lectures	The teaching units in the module are only offered in the summer semester. Mandatory attendance	
3	Lecturers	-	

4	Module coordinator	Dr. Elisabeth Meyer
5	Contents	<p>Organization: The semi-intensive seminar is made up of five four-hour sessions concentrating on specific broader topics in international political economy. Individual sessions may consist of an introductory lecture, student presentations, group discussions and other activities. Students are expected to do some introductory reading ahead of every session.</p> <p>Contents: Sessions are planned around the following topics: (1) Explaining the workings and performance of international organizations; (2) the role of international organizations in development aid and lending; (3) the limited gains of trade in developing countries and their relation to political economy aspects; (4) international conflict, especially the use and effects of economic sanctions; and (5) the effects of globalization on domestic politics.</p>

6	Learning objectives and skills	<ul style="list-style-type: none"> • Scientific skills: Students learn about broad aspects of international cooperation and conflict from a political economy perspective. • Methodology skills: Students practice working with economic models and methods and strengthen their academic writing and reading skills. • Personal skills: Students sharpen and broaden their critical thinking skills which supports their professional and academic development. • Social skills: Students practice giving and receiving feedback as well as cooperating with classmates.
7	Prerequisites	Successful completion of at least one module on International Economics and/or Development Economics is recommended.
8	Integration in curriculum	semester: 2
9	Module compatibility	Elective Modules Master of Arts Development Economics and International Studies 20192 Freie Ergänzungsstudien Master of Arts Development Economics and International Studies 20192
10	Method of examination	Presentation/written assignment Written assignment (15 pages), presentation (40 minutes)
11	Grading procedure	Presentation/written assignment (100%) Written assignment (67%), presentation (33%)
12	Module frequency	only in summer semester
13	Workload in clock hours	Contact hours: 30 h Independent study: 120 h
14	Module duration	1 semester
15	Teaching and examination language	english

16	Bibliography	<ul style="list-style-type: none"> • Dreher, A., & Lang, V. F. (2019). The political economy of international organizations. <i>The Oxford Handbook of Public Choice</i>, 2, 607-652. • Vreeland, James Raymond (2019): Corrupting International Organizations. In: <i>Annu. Rev. Polit. Sci.</i> 22 (1), S. 205–222. • Atkin, David; Khandelwal, Amit K. (2020): How Distortions Alter the Impacts of International Trade in Developing Countries. In: <i>Annu. Rev. Econ.</i> 12 (1), S. 213–238. • Felbermayr, Gabriel, et al. "Understanding economic sanctions: Interdisciplinary perspectives on theory and evidence." <i>European Economic Review</i> 135 (2021): 103720. • Rodrik, Dani (2021): Why Does Globalization Fuel Populism? Economics, Culture, and the Rise of Right-Wing Populism. In: <i>Annu. Rev. Econ.</i> 13 (1), S. 133–170. <p>Further literature will be indicated in the course and via StudOn.</p>
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1	Module name 38136	Introduction to Stata	2,5 ECTS
2	Courses / lectures	Seminar: Introduction to STATA (1 SWS) Mandatory attendance	2,5 ECTS
3	Lecturers	Dr. Lisa Rogge	

4	Module coordinator	Dr. Lisa Rogge
5	Contents	This is an intensive (blocked) course covering the main functionalities of Stata such as basic syntax, troubleshooting, loading and examining data, working with dofiles, basic and advanced data manipulation, combining datasets, regressions, and the generation of figures and tables. Importantly, this course does not aim at teaching statistical concepts, even though it will naturally make use of them throughout.
6	Learning objectives and skills	Students will be able to (1) use Stata's basic data manipulation functionalities, (2) handle and combine different types of data structures (e.g., data with different units of observations, panel vs. cross-section), (3) create academic-type tables and graphs, (4) run regression analysis, (5) find solutions to their coding problems efficiently and independently (6) organize their empirical work in an efficient way. Altogether, students will acquire foundational Stata skills that will enable them to engage with empirical work in the context of MA seminars/ theses.
7	Prerequisites	Successful completion of the Statistics: Refresher Course is recommended
8	Integration in curriculum	semester: 1
9	Module compatibility	Freie Ergänzungsstudien Master of Arts Development Economics and International Studies 20192 Complementary elective module for: "M.A. Development Economics and International Studies"; Complementary elective module for "M.A. Nahoststudien".
10	Method of examination	Written or oral Students are required to complete a take-home project which will broadly test their ability to conduct basic empirical analyses with the software, with particular emphasis on the following aspects: <ul style="list-style-type: none"> • ability to manipulate/restructure/merge/reshape datasets, • ability to create graphs and tables, • ability to conduct regression analyses. After the project submission, students will be required to meet with the module coordinator in order to explain the submitted software code thoroughly.
11	Grading procedure	Written or oral (0%) Successful completion of a take-home project and a presentation/ interview to determine pass/fail. Failed exams can be retaken twice.
12	Module frequency	Unregelmäßig
13	Workload in clock hours	Contact hours: 15 h

		Independent study: 60 h
14	Module duration	1 semester
15	Teaching and examination language	english
16	Bibliography	<ul style="list-style-type: none"> • Baum (2006) An Introduction to Modern Econometrics Using Stata. • Mitchell (2004) A Visual Guide to Stata Graphics.

1	Module name 54440	Issues in international political economy	5 ECTS
2	Courses / lectures	Vorlesung: Ma-Vorl: Issues in International Political Economy (IPE) (2 SWS) (Vorlesung mit Übung)	5 ECTS
3	Lecturers	Prof. Dr. Christoph Moser	

4	Module coordinator	Prof. Dr. Christoph Moser
5	Contents	This course deals with international trade policy. The focus will be on the political and economic determinants and consequences of trade liberalization as well as trade policies that increase trade barriers. The course will provide important insights into the global governance of international trade flows, the World Trade Organization and the role of the United States, China and the European Union.
6	Learning objectives and skills	Students gain an understanding of the importance and evolution of the international trading system and how it affects multinational corporations (MNCs). Students learn about different trade policy tools, their economic consequences and their political constraints, in particular in the United States, China and the European Union. Students learn to critically assess trade-related news in the media.
7	Prerequisites	Recommended prerequisites: <ul style="list-style-type: none"> Basic knowledge of microeconomics (e.g., Varian, Hal (2014), Intermediate Microeconomics: A Modern Approach, 9th international edition).
8	Integration in curriculum	semester: 1
9	Module compatibility	<p>Elective Modules Master of Arts Development Economics and International Studies 20192</p> <p>Freie Ergänzungsstudien Master of Arts Development Economics and International Studies 20192</p> <p>Module compatibility:</p> <ul style="list-style-type: none"> Master IBS: core course (Pflichtbereich) Master IBS: mandatory elective for the area "English-speaking countries". Students who select English-speaking countries as an area study cannot take this module as a core course module, but must take it as part of their area studies. Master Wirtschaftspädagogik, Studienrichtung II: elective course (Wahlbereich im Zweifach Sozialkunde), core course (Pflichtbereich im Zweifach Englisch) Erweiterungsprüfung Berufliche Schulen/Studienfach Wirtschaftspädagogik Master Sozialökonomik: elective course (Wahlbereich) Master Arbeitsmarkt und Personal: elective course (Wahlbereich) Master Economics: Specialization in Macroeconomics and Finance, and Public economics
10	Method of examination	Written examination (60 minutes)

		Written examination 60 min. (Klausur 60 Min.)
11	Grading procedure	Written examination (100%)
12	Module frequency	only in winter semester
13	Workload in clock hours	Contact hours: 60 h Independent study: 90 h
14	Module duration	1 semester
15	Teaching and examination language	english
16	Bibliography	Krugman, P., M. Obstfeld and M. Melitz (2017/18), International Trade: Theory and Policy OR International Economics: Theory and Policy, 11th global edition. Further, course materials will be announced in the course.

1	Module name 53212	Macroeconomics: Business cycles	5 ECTS
2	Courses / lectures	Übung: Computer Übung Macroeconomics: Business Cycles (2 SWS) Vorlesung: Macroeconomics: Business Cycles (Makro I) (2 SWS) Übung: Übung Macroeconomics: Business Cycles (2 SWS)	- 2,5 ECTS 2,5 ECTS
3	Lecturers	Timo Sauerbier Prof. Dr. Christian Merkl	

4	Module coordinator	Prof. Dr. Christian Merkl
5	Contents	<ul style="list-style-type: none"> • Stylized facts of the business cycle • Business cycle theories • Business cycle and the labor market • Monetary theory and policy
6	Learning objectives and skills	Students <ul style="list-style-type: none"> • learn about modern dynamic business cycle theory • learn about dynamic labor market theory (search and matching) • apply standard techniques (e.g., intertemporal optimization, loglinearization or simple simulations) • learn about modern monetary theory • compare the implications of monetary theory with modern policy making
7	Prerequisites	Advanced Mathematics, Macroeconomics (Bachelor)
8	Integration in curriculum	semester: 1
9	Module compatibility	Elective Modules Master of Arts Development Economics and International Studies 20192 Freie Ergänzungsstudien Master of Arts Development Economics and International Studies 20192
10	Method of examination	Written examination (60 minutes)
11	Grading procedure	Written examination (100%) Students can improve their grade through two assignments during the winter term: one programming assignment with Matlab (about 30 lines of code) and one analytical problem (about four written pages). This requires the written exam to be graded not worse than 4.0; the maximum improvement is 0.3 grades.
12	Module frequency	only in winter semester
13	Workload in clock hours	Contact hours: 60 h Independent study: 90 h
14	Module duration	1 semester
15	Teaching and examination language	english

16	Bibliography	Gali, J., Monetary Policy, Inflation, and the Business Cycle: An Introduction to the New Keynesian Framework and its Applications, 2015, second edition.
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1	Module name 53231	Mathematics for economists	5 ECTS
2	Courses / lectures	Übung: Mathematics for Economists (2 SWS) Vorlesung: Mathematics for Economists (2 SWS)	- -
3	Lecturers	Prof. Dr. Timm Oertel	

4	Module coordinator	Prof. Dr. Timm Oertel
5	Contents	The main focus of this lecture is on vector spaces, eigenvalues, quadratic forms, analysis of n variables including Taylor derivatives, finite difference and differential equation as well as optimization.
6	Learning objectives and skills	The aim of this module is to practice common mathematical techniques, which are required for advanced courses in Economics.
7	Prerequisites	Basic knowledge as known from school and typical math courses given within Bachelor programs on Economics, see for instance Sydsætter, Knut und Hammond, Peter (2008), Essential Mathematics for Economics Analysis, Prentice Hall, or the Bachelor chapters in Mosler, Karl, Rainer Dyckerhoff und Christoph Scheicher (2009), Mathematische Methoden für Ökonomen, Springer-Verlag (in German).
8	Integration in curriculum	semester: 1
9	Module compatibility	Elective Modules Master of Arts Development Economics and International Studies 20192 Freie Ergänzungsstudien Master of Arts Development Economics and International Studies 20192
10	Method of examination	Written examination (90 minutes)
11	Grading procedure	Written examination (100%)
12	Module frequency	only in winter semester
13	Workload in clock hours	Contact hours: 45 h Independent study: 105 h
14	Module duration	1 semester
15	Teaching and examination language	english
16	Bibliography	Sydsætter, Knut und Hammond, Peter (2008), Further Mathematics for Economics Analysis, Prentice Hall; Mosler, Karl; Dyckerhoff, Rainer und Scheicher, Christoph (2009), Mathematische Methoden für Ökonomen, Springer Verlag (in German).

1	Module name 53191	Microeconomics	5 ECTS
2	Courses / lectures	Vorlesung: Microeconomics Lecture (2 SWS) Übung: Microeconomics (Master) Exercise (0 SWS)	- -
3	Lecturers	Prof. Dr. Johannes Rincke	

4	Module coordinator	Prof. Dr. Johannes Rincke
5	Contents	Theory of the Consumer, Theory of the Firm, Partial Equilibrium, General Equilibrium, Anomalies
6	Learning objectives and skills	Students are made familiar with the fundamental concepts of microeconomics on an advanced level, including advanced formal mathematical methods. The lecture covers topics in the theory of the consumer, the theory of the firm, partial equilibrium, general equilibrium, and anomalies in behavior in relation to the standard model. In the Exercises course, students learn how to apply these concepts to selected economic problems in various settings. The module is of fundamental importance for Master students who want to advance to studying applied problems in all field of applied micro, including labor economics, public economics, and industrial organization.
7	Prerequisites	Basic training in formal microeconomic techniques
8	Integration in curriculum	semester: 1
9	Module compatibility	Elective Modules Master of Arts Development Economics and International Studies 20192 Freie Ergänzungsstudien Master of Arts Development Economics and International Studies 20192
10	Method of examination	Presentation (90 minutes) Written examination (90 minutes)
11	Grading procedure	Presentation (20%) Written examination (80%)
12	Module frequency	only in winter semester
13	Workload in clock hours	Contact hours: 60 h Independent study: 105 h
14	Module duration	1 semester
15	Teaching and examination language	english
16	Bibliography	Jehle, Geoffrey A. und Reny, Philip J. (2001), Advanced Microeconomic Theory, 2nd ed., Addison-Wesley

1	Module name 38148	Migration; Urbanization and Development in Africa	2,5 ECTS
2	Courses / lectures	No courses / lectures available for this module! Attendance is mandatory.	
3	Lecturers	No lecturers available since there are no courses / lectures for this module!	

4	Module coordinator	Prof. Jürgen Kähler	
5	Contents	<p>The seminar course deals with the subject of sustainable business development from a managerial perspective. Thus, the question will be pursued how a business can design its operations more sustainably and by doing so create a value for business and a value for society. The seminar promotes sustainable thinking by analyzing contemporary green logistic topics that Siemens Smart Infrastructure (SI) is currently tackling. Siemens SI is aiming to transform its Nuremberg warehouse into a more sustainable, green warehouse by implementing and applying green solutions within its logistics processes. Working in groups, students are asked to develop sustainable solutions for associated problems and by doing so contribute to the goal of Siemens to become a leading sustainable actor within the area of logistics globally.</p>	
6	Learning objectives and skills	<ul style="list-style-type: none"> • Students will develop and confidently present sustainable business solutions to Siemens Smart Infrastructure. • Students will learn how to work within teams and have the possibility to interact and closely work with a global German corporation. This allows students to apply theory to practice and to get to know a leading employer in the region. • Within this framework, competency goals also arise in the areas of sustainable business developmental thinking, research and presentation, teamwork skills, feedback exchange and reflection. 	
7	Prerequisites	Students should have basic knowledge of economics and business administration. In order to achieve the learning objectives, attendance will be compulsory.	
8	Integration in curriculum	semester: 2	
9	Module compatibility	Freie Ergänzungsstudien Master of Arts Development Economics and International Studies 20192	
10	Method of examination	Presentation and written assignment	
11	Grading procedure	Presentation and written assignment (0%)	
12	Module frequency	Unregelmäßig	
13	Workload in clock hours	Contact hours: 21 h	

		Independent study: 120 h
14	Module duration	1 semester
15	Teaching and examination language	
16	Bibliography	<p>Students are encouraged to search for suitable literature themselves, as this is an important part of scientific work. The starting point can be that of the textbooks and papers recommended below. However, sources beyond these are expected.</p> <ul style="list-style-type: none"> • Ali, Sadia Samar, Rajbir Kaur, and Shahbaz Khan. "Evaluating sustainability initiatives in warehouse for measuring sustainability performance: An emerging economy perspective." <i>Annals of Operations Research</i> (2022): 1-40. • Anil Kumar. 2015. "Green Logistics for Sustainable Development: An Analytical Review." <i>IOSRD International Journal of Business</i>, 191–99. https://doi.org/10.2307/j.ctt46nrzt.12. • Bartolini, Maicol, Eleonora Bottani, and Eric H. Grosse. 2019. "Green Warehousing: Systematic Literature Review and Bibliometric Analysis." <i>Journal of Cleaner Production</i> 226:242–58. https://doi.org/10.1016/j.jclepro.2019.04.055. • Mak, Shu-Lun, Yiu-Man Wong, Kin-Chung Ho, and Chi-Chung Lee. 2022. "Contemporary Green Solutions for the Logistics and Transportation Industry—With Case Illustration of a Leading Global 3PL Based in Hong Kong." <i>Sustainability</i> 14 (14): 8777. https://doi.org/10.3390/su14148777. • Rainey, David L. <i>Sustainable business development: Inventing the future through strategy, innovation, and leadership</i>. Cambridge university press, 2010.

1	Module name 53313	Multivariate Time Series Analysis Multivariate time series analysis	5 ECTS
2	Courses / lectures	The teaching units in the module are only offered in the summer semester.	
3	Lecturers	-	

4	Module coordinator	Prof. Dr. Jonas Dovern
5	Contents	Brief repetition of concepts of univariate time series analysis; stationary vector autoregressive (VAR) processes: basics, estimation, lag order selection, specification testing, forecasting; structural VAR models: various methods for identifying macroeconomic shocks; non-stationary/integrated processes: spurious correlation vs. cointegration, error correction models; multivariate GARCH models.
6	Learning objectives and skills	Ability to independently analyze multivariate stationary time series using vector autoregressive processes; ability to explain the problems of identifying structural macroeconomic shocks and ability to estimate and interpret SVAR models; ability to test for spurious correlations between integrated time series and ability to specify and estimate models for cointegrated time series; ability to explain and estimate basic multivariate GARCH models; skills for using existing functions in R for time series analysis and for developing proprietary functions for analyzing multivariate time series in R.
7	Prerequisites	Proficiency in univariate time series analysis and basic concepts of econometrics
8	Integration in curriculum	semester: 2;4
9	Module compatibility	Elective Modules Master of Arts Development Economics and International Studies 20192 Freie Ergänzungsstudien Master of Arts Development Economics and International Studies 20192
10	Method of examination	Written examination (60 minutes)
11	Grading procedure	Written examination (100%)
12	Module frequency	only in summer semester
13	Workload in clock hours	Contact hours: 60 h Independent study: 90 h
14	Module duration	1 semester
15	Teaching and examination language	english
16	Bibliography	Lütkepohl, H. (2005), New Introduction to Multiple Time Series Analysis, Springer. Kilian, L. and H. Lütkepohl (2017), Structural Vector Autoregressive Analysis (Themes in Modern Econometrics), Cambridge University Press, Cambridge.

	<p>Tsay, R.S. (2005), Analysis of Financial Time Series, 2nd edition, Wiley. (alternatively 3rd edition from 2010).</p> <p>Verbeek, M. (2008), A Guide to Modern Econometrics,, 3rd edition, Wiley.</p>
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1	Module name 53055	Panel and evaluation methods	5 ECTS
2	Courses / lectures	Übung: Panel- and Evaluation Methods (PEV)-Übung (1 SWS) Tutorium: Panel- and Evaluation Methods-Tutorium (0 SWS) Vorlesung: Panel- and Evaluation Methods (2 SWS) Übung: Panel- and Evaluation Methods Softskills (voluntary) (2 SWS)	- - 5 ECTS -
3	Lecturers	Dr. Selina Gangl Prof. Dr. Regina Therese Riphahn	

4	Module coordinator	Prof. Dr. Regina Therese Riphahn
5	Contents	Endogeneity in the linear regression model; instrumental variables estimation; static and dynamic panel data models; matching; difference-in-differences estimation; regression discontinuity design; quantile regression; practical application of methods using statistics software STATA
6	Learning objectives and skills	Based on the introductory econometrics module "Ökonometrie" students acquire specialized knowledge in panel und evaluation methods and apply it using the statistics software STATA. Students evaluate to what degree empirical patterns can be interpreted as causal and decide to what extent problems of endogeneity can be solved via panel data or exogeneous variation. Students can produce own empirical analyses.
7	Prerequisites	Basic knowledge in statistics and econometrics
8	Integration in curriculum	semester: 3;1
9	Module compatibility	Elective Modules Master of Arts Development Economics and International Studies 20192 Freie Ergänzungsstudien Master of Arts Development Economics and International Studies 20192
10	Method of examination	Written examination (60 minutes)
11	Grading procedure	Written examination (100%) 100 % written exam (a voluntarily submitted homework can account for 20 % of the final grade if it improves the grade. In the homework an empirical analysis is performed based on Stata. The final grade can be improved by up to 0.7 points. However, the exam must be passed. The homework only counts towards final grades in the semester in which they are produced, i.e. only in the winter semester.)
12	Module frequency	only in winter semester
13	Workload in clock hours	Contact hours: 45 h Independent study: 105 h
14	Module duration	1 semester

15	Teaching and examination language	english
16	Bibliography	<p>Wooldridge, J.M., 2010, Econometric Analysis of Cross Section and Panel Data, 2.ed., MIT Press.</p> <p>Greene, William H., 2020, Econometric Analysis, 8. ed., Pearson, New Jersey</p> <p>Cameron, C.A. and P.K. Trivedi, 2005, Microeconometrics. Methods and Applications, Cambridge University Press</p> <p>Angrist, J. and J.-S. Pischke, 2009, Mostly Harmless Econometrics, Princeton University Press, Princeton, and Oxford.</p> <p>Verbeek, M., 2017, A Guide to Modern Econometrics, 5. ed., Wiley.</p>

1	Module name 38126	Political Economy of the Middle East	5 ECTS
2	Courses / lectures	Masterseminar: Political Economy of the Middle East (2 SWS) Yes	-
3	Lecturers	Dr. Stephanie Müssig Prof. Dr. Christine Binzel	

4	Module coordinator	Prof. Dr. Christine Binzel Dr. Stephanie Müssig
5	Contents	The seminar gives an introduction to contemporary issues related to the Middle East and Islam from both an economic and a political science perspective. Topics covered include, amongst others, Islam and socio-economic outcomes, Islamic movements, women's political participation, social norms, ethnic inequality, and terrorism. Throughout, the focus is on recent empirical work.
6	Learning objectives and skills	Students (1) deepen their knowledge about and their understanding of the Middle East, (2) work independently on a particular research topic, (3) engage with the academic literature and thereby strengthen their ability to critically read and assess applied work, and (4) improve their skills on how to structure and discuss academic work. Furthermore, by actively participating in class, students (5) learn how to apply peer review techniques and how to react on peer review, one of the most important instruments in scientific life.
7	Prerequisites	Successful completion of the courses Development Economics I and/or II is recommended.
8	Integration in curriculum	semester: 3
9	Module compatibility	Elective Modules Master of Arts Development Economics and International Studies 20192 Freie Ergänzungsstudien Master of Arts Development Economics and International Studies 20192 Regional Modules Master of Arts Development Economics and International Studies 20192 Regional or elective module for: "M.A. Development Economics and International Studies"; Elective module for "MA Nahoststudien."
10	Method of examination	Presentation/written assignment Written assignment (15 pages) and presentation (30 minutes).
11	Grading procedure	Presentation/written assignment (100%) Written assignment (67 %), Presentation (33 %).
12	Module frequency	only in winter semester
13	Workload in clock hours	Contact hours: 30 h Independent study: 120 h

14	Module duration	1 semester
15	Teaching and examination language	english
16	Bibliography	The readings will be provided via StudOn.

1	Module name 38135	Risk and Insurance	5 ECTS
2	Courses / lectures	No teaching units are offered for the module in the current semester. For further information on teaching units please contact the module managers.	
3	Lecturers	-	

4	Module coordinator	Prof. Dr. Andreas Landmann
5	Contents	<p>1. Introduction: Importance of Risk and Insurance for</p> <p>2. Risk and Uncertainty: The Economic Concept, Models and Measurement of Behavior</p> <p>3. Insurance Demand: Understanding Consumer Behavior</p> <p>4. Insurance Supply: Insurance Technology and Insurer Behavior</p> <p>5. Information Asymmetries: Adverse Selection and Moral Hazard</p> <p>6. Technology and New Insurance Models</p> <p>The lecture usually also features contributions by insurance practitioners.</p>
6	Learning objectives and skills	<p>Upon completion of the module, the students have acquired the following competencies: Students understand economic concepts of risk and uncertainty, different models of decision-making in risky environments, and the relevance of insurance solutions in an uncertain world. They</p>

		are familiar with how insurance markets work, in particular which role consumers and insurers play, and how their behavior sometimes deviates from classical models. Students are also aware of inherent incentive problems in insurance (in particular adverse selection and moral hazard), as well as potential solutions, and are competent to critically discuss policy-relevant issues in the field.
7	Prerequisites	Basic microeconomics and statistics knowledge is strongly recommended
8	Integration in curriculum	semester: 3;1
9	Module compatibility	Elective Modules Master of Arts Development Economics and International Studies 20192 Freie Ergänzungsstudien Master of Arts Development Economics and International Studies 20192
10	Method of examination	Written examination (60 minutes)
11	Grading procedure	Written examination (100%)
12	Module frequency	only in winter semester
13	Workload in clock hours	Contact hours: 42 h Independent study: 108 h
14	Module duration	1 semester
15	Teaching and examination language	english
16	Bibliography	<ul style="list-style-type: none"> • Zweifel, Peter, and Roland Eisen. 2012. Insurance Economics. Berlin Heidelberg: Springer. doi:10.1007/978-3-642-20548-4. • Kunreuther, Howard, Mark V. Pauly, and Stacey McMorow. 2013. Insurance and Behavioral Economics: Improving Decisions in the Most Misunderstood Industry. Cambridge: Cambridge University Press. doi:10.1017/CBO9781139050319.

1	Module name 52990	Seminar energy markets	5 ECTS
2	Courses / lectures	Seminar: Seminar Energy Markets (4 SWS) Seminar: Seminar Energy Markets (4 SWS)	5 ECTS 5 ECTS
3	Lecturers	Prof. Dr. Karl Gregor Zöttl Prof. Dr. Veronika Grimm Prof. Dr. Mario Liebensteiner	

4	Module coordinator	Prof. Dr. Veronika Grimm Prof. Dr. Mario Liebensteiner Ulrike Pfefferer Prof. Dr. Karl Gregor Zöttl
5	Contents	<p>It is the purpose of the seminar to deepen the understanding of the economic interaction of the players and institutions in liberalized energy markets.</p> <p>The participants learn and develop the tools for an autonomous economic assessment of currently discussed policies in liberalized electricity markets (e.g. changed support schemes for renewables, changed network tariff systems, impact of capacity markets).</p> <p>In cooperation with experts from the industry, students are also confronted with the practitioners perspective which requires a more detailed application of the economic concepts employed.</p> <p>The course aims at students in the field of economics /business as well as students in the fields of engineering and mathematics. In the final workshop, all Students present and mutually discuss their results together with practitioners from the industry. The ability to communicate also beyond the classical limits of each discipline is an important qualification for the students careers, which should be stimulated in the context of this seminar.</p> <p>Language of the course in the summer term is German (due to cooperation with practice partners), and in the winter term English.</p>
6	Learning objectives and skills	<p>The students</p> <ul style="list-style-type: none"> • learn fundamental concepts and models which allow to analyze the economic interaction at energy markets, • Learn to autonomously apply those methods, • Conceptualize coherent analysis of current policy discussion of how to design energy markets, • In close exchange with a practitioner from industry, learn to apply in meaningful way the conceptual analysis and discussions to real world problems. • Develop their presentation skills.
7	Prerequisites	<p>The students should be familiar with the mathematical methods acquired during their Bachelor degree.</p> <p>Admission requirements for Winter Term (at least one of the following courses must have been passed):</p> <p>Economics of Climate Change</p>

		Quantitative Methods in Energy Market Modelling Empirical Environmental Economics
8	Integration in curriculum	semester: 2
9	Module compatibility	Elective Modules Master of Arts Development Economics and International Studies 20192 Freie Ergänzungsstudien Master of Arts Development Economics and International Studies 20192 Summer Term: German (due to cooperation with practice partners) , Winter Term: English
10	Method of examination	Oral Seminar paper Presentation
11	Grading procedure	Oral (20%) Seminar paper (50%) Presentation (30%)
12	Module frequency	every semester
13	Workload in clock hours	Contact hours: 45 h Independent study: 105 h
14	Module duration	1 semester
15	Teaching and examination language	german english
16	Bibliography	Daniel Kirschen and Goran Strbac: Power System Economics, Wiley 2004. Steven Stoft: Power System Economics, Wiley 2002. Wolfgang Ströbele, Wolfgang Pfaffenberger, Michael Heuterkes: Energiewirtschaft, Oldenbourg 2010.

1	Module name 52960	Seminar: Public economics 2	5 ECTS
2	Courses / lectures	Seminar: Seminar Public Economics (3 SWS)	-
3	Lecturers	Prof. Dr. Thiess Büttner Prof. Dr. Matthias Wrede Prof. Dr. Sarah Necker Maximilian Pöhnlein Annalisa Tassi Ramona Müller Vincent Herdegen William Dean	

4	Module coordinator	Prof. Dr. Thiess Büttner Prof. Dr. Sarah Necker Prof. Dr. Matthias Wrede
5	Contents	Topics in Public Economics
6	Learning objectives and skills	<p>Students</p> <ul style="list-style-type: none"> • study selected parts of the academic literature in public economics (mostly from scientific journals) and learn how to deal with this literature • learn how to identify relevant contributions in large bodies of economic literature • learn about current approaches and methods in public economics • learn how to read economic papers and to evaluate and assess contributions, regarding both theory and empiry • learn how to draw conclusions from the academic literature in terms of policy implications and critically analyse these findings • learn how to structure and write an academic thesis in economics • expand their skillset in presenting research and presentation techniques and actively participate in academic discussion
7	Prerequisites	All techniques and methods that are part of the curriculum in the first semester
8	Integration in curriculum	semester: 3
9	Module compatibility	Elective Modules Master of Arts Development Economics and International Studies 20192 Freie Ergänzungsstudien Master of Arts Development Economics and International Studies 20192
10	Method of examination	Written or oral
11	Grading procedure	Written or oral (100%)
12	Module frequency	only in winter semester
13	Workload in clock hours	Contact hours: 45 h Independent study: 105 h

14	Module duration	1 semester
15	Teaching and examination language	english
16	Bibliography	Will be provided together with the topic announcements.

1	Module name 57176	Semiparametric methods in econometrics and applications	5 ECTS
2	Courses / lectures	Vorlesung mit Übung: Semiparametric Methods in Econometrics and Applications (2 SWS) (2 SWS)	5 ECTS
3	Lecturers	Leonie Wicht Prof. Bernd Fitzenberger	

4	Module coordinator	Prof. Bernd Fitzenberger
5	Contents	This course presents nonparametric and semiparametric regression techniques which are part of the tool set of modern microeconomic methods and applications. The course covers saturated OLS regression, kernel density estimation, nonparametric regression, partially linear models, semiparametric selection models, inverse probability weighting, penalized regression models as well as parametric and nonparametric quantile regression as basic tools. These methods are used for cross-section data and longitudinal data. Students will familiarize themselves with applying the methods based on selected applications in economic research papers.
6	Learning objectives and skills	<p>Students</p> <ul style="list-style-type: none"> • learn how to learn to think of regression as modelling conditional expectations and features of conditional distribution • learn how that there is a bias and variance trade-off between choosing a flexible regression specification and obtaining precise estimates in light of the curse-of-dimensionality • learn that flexible regression methods require the choice of tuning parameters and how to use statistical approaches to choose the tuning parameters • learn how semiparametric methods are applied in real world econometric studies
7	Prerequisites	Master level Einführung in die Ökonometrie (Introduction into econometrics) (mandatory) and a further course (recommended) in microeconometrics such as Panel and Evaluation Methods or Mikroökonomie und Maschinelles Lernen.
8	Integration in curriculum	semester: 1
9	Module compatibility	Elective Modules Master of Arts Development Economics and International Studies 20192 Freie Ergänzungsstudien Master of Arts Development Economics and International Studies 20192
10	Method of examination	Written examination (90 minutes)
11	Grading procedure	Written examination (100%)
12	Module frequency	only in winter semester
13	Workload in clock hours	Contact hours: 30 h Independent study: 120 h
14	Module duration	1 semester

15	Teaching and examination language	english
16	Bibliography	Pagan, A. and A. Ullah (1999): Nonparametric Econometrics, Cambridge University Press. Wooldridge, J. M. (2010): Econometric Analysis of Cross Section and Panel Data. 2nd edition, Cambridge, MA: MIT Press.

1	Module name 38138	Social Health Protection in South and East Asia	5 ECTS
2	Courses / lectures	The teaching units in the module are only offered in the summer semester. Mandatory attendance	
3	Lecturers	-	

4	Module coordinator	Prof. Dr. Andreas Landmann
5	Contents	<p>Topics vary from year to year. Besides basic conceptual issues in Social Health Protection (SHP), there is a focus on empirical analyses of SHP policies and their effects. Possible topics include:</p> <ul style="list-style-type: none"> • Incentive problems in SHP schemes • Financial protection of users • Other social impacts of SHP policies (education, child labour...) • Financing models for SHP • Gender aspects in SHP • Supply versus demand side models for SHP • Country-specific experiences of SHP reforms
6	Learning objectives and skills	<p>Besides learning some basic concept around SHP, students present and critically discuss empirical research on the recent experiences of many South and East Asian countries, many of which have recently engaged in large-scale reforms aiming at universal health coverage. Students will present their assignments in the seminar. This will develop their skills to understand key challenges in SHP conceptually, to extract related results from quantitative studies, and to present them in a coherent and succinct way. The presentation will be followed by a discussion. In the discussion, students should demonstrate that they have a profound knowledge of the subject that they presented. The discussion also helps students to be convincing and successful in academic discussions. Students demonstrate that they are able to review the relevant literature comprehensively and critically. In particular, they identify the strengths, weaknesses, and gaps in the empirical literature.</p>
7	Prerequisites	Knowledge of Research Methods and Development Economics is recommended
8	Integration in curriculum	semester: 2;4
9	Module compatibility	<p>Elective Modules Master of Arts Development Economics and International Studies 20192</p> <p>Freie Ergänzungsstudien Master of Arts Development Economics and International Studies 20192</p> <p>Regional Modules Master of Arts Development Economics and International Studies 20192</p>
10	Method of examination	<p>Presentation/written assignment</p> <p>Written assignment (15 pages), presentation (40 minutes)</p>
11	Grading procedure	<p>Presentation/written assignment (100%)</p> <p>Written assignment (67%), presentation (33%)</p>
12	Module frequency	only in summer semester

13	Workload in clock hours	Contact hours: 30 h Independent study: 120 h
14	Module duration	1 semester
15	Teaching and examination language	english
16	Bibliography	<p>Besides journal articles on specific topics, the following sources will be considered as general references / introductory reading:</p> <ul style="list-style-type: none"> • Bhattacharya, Jay, Timothy Hyde, and Peter Tu. 2014. Health Economics. Basingstoke: Palgrave Macmillan. • Cotlear, Daniel, Somil Nagpal, Owen Smith, Ajay Tandon, and Rafael Cortez. 2015. Going Universal: How 24 Developing Countries Are Implementing Universal Health Coverage from the Bottom Up. Washington, DC: World Bank. https://doi.org/10.1596/978-1-4648-0610-0. • International Labour Organisation. 2008. "Social Health Protection: An ILO Strategy towards Universal Access to Health Care." Social Security Policy Briefings. https://www.ilo.org/wcmsp5/groups/public/---ed_protect/---soc_sec/documents/publication/wcms_secsoc_5956.pdf. • Normand, Charles, and Axel Weber. 2009. Social Health Insurance: A Guidebook for Planning. Bad Homburg: VAS. https://www.who.int/health_financing/documents/shi-guidebook.pdf.

1	Module name 32234	Specific approaches of selected academic disciplines IId	5 ECTS
2	Courses / lectures	No courses / lectures available for this module!	
3	Lecturers	No lecturers available since there are no courses / lectures for this module!	

4	Module coordinator	Oleg Vasilchenko
5	Contents	no content description available!
6	Learning objectives and skills	no learning objectives and skills description available!
7	Prerequisites	None
8	Integration in curriculum	no Integration in curriculum available!
9	Module compatibility	Elective Modules Master of Arts Development Economics and International Studies 20192 Freie Ergänzungsstudien Master of Arts Development Economics and International Studies 20192
10	Method of examination	Written assignment
11	Grading procedure	Written assignment (100%)
12	Module frequency	no Module frequency information available!
13	Resit examinations	The exams of this moduls can only be resit once.
14	Workload in clock hours	Contact hours: ?? h (keine Angaben zum Arbeitsaufwand in Präsenzzeit hinterlegt) Independent study: ?? h (keine Angaben zum Arbeitsaufwand im Eigenstudium hinterlegt)
15	Module duration	?? semester (no information for Module duration available)
16	Teaching and examination language	german
17	Bibliography	

1	Module name 38137	Statistics Refresher Course	5 ECTS
2	Courses / lectures	Vorlesung mit Übung: Statistics: Refresher Course (2 SWS) No	5 ECTS
3	Lecturers	Andreas Link	

4	Module coordinator	Andreas Link
5	Contents	<ul style="list-style-type: none"> • Random Variables and Probability Distributions • Moments of One Random Variable • Statistics with Two Random Variables • Parametric Distributions • Sample Distribution • Estimation and Inference of the Population Mean • Comparing the Means of Different Populations • Introduction to Stata
6	Learning objectives and skills	Students are equipped with the basics of inferential statistics so that they are able to follow the Research Methods I course. They get to know specific terms, definitions, rules and testing procedures. They apply the theoretical contents to economic data in diverse exercises. Methodological skills that the students acquire in particular are to conduct hypothesis tests.
7	Prerequisites	None
8	Integration in curriculum	semester: 1
9	Module compatibility	Freie Ergänzungsstudien Master of Arts Development Economics and International Studies 20192 Elective complementary module for "M.A. Development Economics and International Studies"
10	Method of examination	Written examination Written Exam (60 minutes)
11	Grading procedure	Written examination (100%) Written Exam 100%
12	Module frequency	only in winter semester
13	Workload in clock hours	Contact hours: 30 h Independent study: 120 h
14	Module duration	1 semester
15	Teaching and examination language	english
16	Bibliography	J. H. Stock and M. W. Watson, Introduction to Econometrics, Update, 3rd ed., Pearson 2015

1	Module name 45002	Seminar sustainability and environmental ethics Sustainability and environmental ethics	5 ECTS
2	Courses / lectures	Seminar: Sustainability and Environmental Ethics (4 SWS)	5 ECTS
3	Lecturers	Prof. Dr. Martin Hartmann Prof. Dr.-Ing. Jürgen Karl	

4	Module coordinator	Prof. Dr. Martin Hartmann Prof. Dr.-Ing. Jürgen Karl
5	Contents	This course introduces the academic approach of sustainability and environmental ethics. It explores how today's human societies can endure in the face of global change, ecosystem degradation and resource limitations. The course focuses on key knowledge areas of sustainability theory and practice, including population, ecosystems, global change, energy, agriculture, water, circular economy, environmental economics and policy, ethics, and cultural history.
6	Learning objectives and skills	<p>Students will become familiar with important concepts of sustainability and environmental ethics and discuss current possibilities, limitations and future challenges.</p> <p>Students who successfully participate in this module can:</p> <ul style="list-style-type: none"> • Understand the concept and methodology of sustainability and environmental ethics • Apply the methodology of green chemistry and engineering • Identify opportunities for improvements by life cycle sustainability assessments (LCSA) • Collect information on topics of current interest and present the results to the course members orally or in writing • Explain and discuss important new concepts (e.g. planetary boundaries, geoengineering, eco-sufficiency, rebound effect)
7	Prerequisites	None
8	Integration in curriculum	semester: 1;2;3;4
9	Module compatibility	Elective Modules Master of Arts Development Economics and International Studies 20192 Freie Ergänzungsstudien Master of Arts Development Economics and International Studies 20192
10	Method of examination	Seminar achievement
11	Grading procedure	Seminar achievement (100%)
12	Module frequency	only in winter semester
13	Workload in clock hours	Contact hours: 60 h Independent study: 90 h
14	Module duration	1 semester
15	Teaching and examination language	english

16	Bibliography	<ul style="list-style-type: none"> • U. Gruber, Sustainability: A Cultural History, Green Books (2012). • I. Pufé, Nachhaltigkeit, UVK Verlagsgesellschaft, 2. Auflage (2014). • A. Reller, L. Marschall, S. Meißner, C. Schmidt, Ressourcenstrategien, WBG (2013) • A. E. Marteel-Parrish, M.A. Abraham (ed.), Green Chemistry and Engineering - A Pathway to Sustainability. John Wiley (2014). • M. Reder, A. Gösele, L.Köhler, J. Wallacher, Umweltethik, W. Kohlhammer GmbH (2019).
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1	Module name 52130	Sustainability management and corporate functions	5 ECTS
2	Courses / lectures	Übung: Advanced Sustainability Management and Corporate Functions (2 SWS) Vorlesung: Advanced Sustainability Management and Corporate Functions (2 SWS)	- 5 ECTS
3	Lecturers	Prof. Dr. Markus Beckmann	

4	Module coordinator	Prof. Dr. Markus Beckmann
5	Contents	<p>This lecture provides an advanced perspective on Corporate Sustainability Management. The lecture starts with a short recap of sustainability management basics (What is sustainability? Why is sustainability increasingly important for business? What are key concepts of sustainability management?)</p> <p>Following this brief recap of the concepts of sustainability and sustainability management, we take a closer look at selected corporate functions such as strategy, marketing, or supply chain management. For each function, we look at the key drivers for corporate sustainability, relevant management tools, best-practice cases, and will discuss risks and opportunities involved in corporate management.</p> <p>Throughout the lecture, we will follow the concept of integrated sustainability management, thus integrating the three pillars of sustainability: economy, natural environment, and society, into the core of a business.</p>
6	Learning objectives and skills	<p>Students will acquire:</p> <ul style="list-style-type: none"> • advanced knowledge in sustainability management, especially in the selected functional areas • discursive and reflective competencies in regards to societally relevant questions • practical insights for implementing sustainability in real-life applications • insights on potential challenges during the implementation of sustainability management
7	Prerequisites	None
8	Integration in curriculum	semester: 3;1;5
9	Module compatibility	<p>Masterprüfung Master of Arts Development Economics and International Studies 2010</p> <p>Elective Modules Master of Arts Development Economics and International Studies 20192</p> <p>Freie Ergänzungsstudien Master of Arts Development Economics and International Studies 20192</p>
10	Method of examination	Electronic examination (60 minutes)
11	Grading procedure	Electronic examination (100%)
12	Module frequency	only in winter semester
13	Workload in clock hours	Contact hours: 45 h

		Independent study: 105 h
14	Module duration	1 semester
15	Teaching and examination language	english
16	Bibliography	Readings will be provided via StudOn.

1	Module name 56780	Business ethics and corporate social responsibility Sustainability management, business ethics and corporate social responsibility	5 ECTS
2	Courses / lectures	The teaching units in the module are only offered in the summer semester.	
3	Lecturers	-	

4	Module coordinator	Prof. Dr. Markus Beckmann
5	Contents	This course combines several perspectives on normative issues in business. First, we take a moral psychology perspective to understand how morality helps us solve certain problems, but also creates pitfalls in the modern world. Second, we develop an ethical framework for navigating contentious issues and supporting the search for constructive solutions. Third, we apply this framework to analyze how (why) social and environmental goals are (not) achieved at the macro level. We will pay particular attention to the role of markets and their regulation. Fourth, we take the perspective of the individual firm and ask whether and to what extent firms need to integrate moral issues into their value creation processes. In this context, corporate social responsibility can serve as a means to implement these moral issues. We will therefore take a closer look at CSR, its origins, development and instruments. We conclude the course by discussing various applications and cases.
6	Learning objectives and skills	Students: <ul style="list-style-type: none"> • Are able to provide differentiated arguments on questions relevant to our society • Have skills to critically reflect current issues in business ethics and CSR • Know concepts that help to critically reflect the role of business in society • Understand the changing environment of companies • Are able to use dilemma structure as analytical tool • Understand the CSR discourse and its core concepts
7	Prerequisites	None
8	Integration in curriculum	semester: 2;4
9	Module compatibility	Elective Modules Master of Arts Development Economics and International Studies 20192 Freie Ergänzungsstudien Master of Arts Development Economics and International Studies 20192
10	Method of examination	Electronic examination (60 minutes)
11	Grading procedure	Electronic examination (100%)
12	Module frequency	only in summer semester
13	Workload in clock hours	Contact hours: 30 h Independent study: 120 h
14	Module duration	1 semester

15	Teaching and examination language	english
16	Bibliography	Provided via StudOn

1	Module name 38145	Sustainable Business Development @ Siemens	5 ECTS
2	Courses / lectures	No teaching units are offered for the module in the current semester. For further information on teaching units please contact the module managers. Attendance is mandatory.	
3	Lecturers	-	

4	Module coordinator	Prof. Dr. Matthias Fifka Iman Hamadi Milena Störmer
5	Contents	The seminar course deals with the subject of sustainable business development from a managerial perspective. Thus, the question will be pursued how a business can design its operations more sustainably and by doing so create a value for business and a value for society. The seminar promotes sustainable thinking by analyzing contemporary green logistic topics that Siemens Smart Infrastructure (SI) is currently tackling. Siemens SI is aiming to transform its Nuremberg warehouse into a more sustainable, green warehouse by implementing and applying green solutions within its logistics processes. Working in groups, students are asked to develop sustainable solutions for associated problems and by doing so contribute to the goal of Siemens to become a leading sustainable actor within the area of logistics globally.
6	Learning objectives and skills	<ul style="list-style-type: none"> Students will develop and confidently present sustainable business solutions to Siemens Smart Infrastructure. Students will learn how to work within teams and have the possibility to interact and closely work with a global German corporation. This allows students to apply theory to practice and to get to know a leading employer in the region. Within this framework, competency goals also arise in the areas of sustainable business developmental thinking, research and presentation, teamwork skills, feedback exchange and reflection.
7	Prerequisites	Students should have basic knowledge of economics and business administration. In order to achieve the learning objectives, attendance will be compulsory.
8	Integration in curriculum	semester: 2
9	Module compatibility	Elective Modules Master of Arts Development Economics and International Studies 20192 Freie Ergänzungsstudien Master of Arts Development Economics and International Studies 20192
10	Method of examination	Presentation/written assignment

		Written assignment (15 pages), presentation (40 minutes)
11	Grading procedure	Presentation/written assignment (100%) Written assignment (67%), presentation (33%)
12	Module frequency	Unregelmäßig
13	Workload in clock hours	Contact hours: 30 h Independent study: 120 h
14	Module duration	1 semester
15	Teaching and examination language	english
16	Bibliography	<p>Students are encouraged to search for suitable literature themselves, as this is an important part of scientific work. The starting point can be that of the textbooks and papers recommended below. However, sources beyond these are expected.</p> <ul style="list-style-type: none"> • Ali, Sadia Samar, Rajbir Kaur, and Shahbaz Khan. "Evaluating sustainability initiatives in warehouse for measuring sustainability performance: An emerging economy perspective." <i>Annals of Operations Research</i> (2022): 1-40. • Anil Kumar. 2015. "Green Logistics for Sustainable Development: An Analytical Review." <i>IOSRD International Journal of Business</i>, 191–99. https://doi.org/10.2307/j.ctt46nrzt.12. • Bartolini, Maicol, Eleonora Bottani, and Eric H. Grosse. 2019. "Green Warehousing: Systematic Literature Review and Bibliometric Analysis." <i>Journal of Cleaner Production</i> 226:242–58. https://doi.org/10.1016/j.jclepro.2019.04.055. • Mak, Shu-Lun, Yiu-Man Wong, Kin-Chung Ho, and Chi-Chung Lee. 2022. "Contemporary Green Solutions for the Logistics and Transportation Industry—With Case Illustration of a Leading Global 3PL Based in Hong Kong." <i>Sustainability</i> 14 (14): 8777. https://doi.org/10.3390/su14148777. • Rainey, David L. <i>Sustainable business development: Inventing the future through strategy, innovation, and leadership</i>. Cambridge university press, 2010.

1	Module name 38128	Workshop Computable General Equilibrium Modelling	5 ECTS
2	Courses / lectures	No teaching units are offered for the module in the current semester. For further information on teaching units please contact the module managers.	
3	Lecturers	-	

4	Module coordinator	Prof. Jürgen Kähler
5	Contents	<p>Computable General Equilibrium (CGE) models are popular and efficient research tools to simulate policy effects in diverse areas of economics such as international trade, economic development, migration, energy, environmental and fiscal policy. The workshop will start with a taught element that includes</p> <ul style="list-style-type: none"> • An introduction to CGE models using a simple two-sector model, • A step-by-step introduction to the software and database of the Global Trade Analysis Project (GTAP) and • More detailed information about the core components of the GTAP model. <p>The taught element covers the following topics:</p> <ul style="list-style-type: none"> • Introduction to Computable General Equilibrium Modelling • Overview of GTAP • GTAP Database and Final Demand • Supply and Welfare Decomposition • Factor Markets and Sensitivity Analysis • Working with Satellite Datasets and Miscellanea <p>In the seminar part of the course, students will apply GTAP to economic issues. We will be using the latest GTAP version that includes 141 countries/regions, 65 sectors and 8 factors of productions. Students are free to choose a topic for their application. Potential topics are for instance: Soaring Food Prices, Agricultural Production Subsidies, Climate Change, African Continental Free Trade Agreement and Taxation in India.</p>
6	Learning objectives and skills	<p>Students will</p> <ul style="list-style-type: none"> • acquire a solid knowledge of CGE modelling, • apply a widely used CGE model and database to simulate economic policy interventions, • summarize findings of previous research and contribute with own research to the field of their chosen topic, • practice presentation and discussion of their research output.
7	Prerequisites	None, basic knowledge of microeconomics is very useful.
8	Integration in curriculum	semester: 3;1
9	Module compatibility	<p>Elective Modules Master of Arts Development Economics and International Studies 20192</p> <p>Freie Ergänzungsstudien Master of Arts Development Economics and International Studies 20192</p>

		Elective or elective complementary module for MA DEIS
10	Method of examination	Presentation/written assignment Written assignment (15 pages) and presentation (40 minutes)
11	Grading procedure	Presentation/written assignment (100%) Assignment: 2/3 Presentation: 1/3
12	Module frequency	only in winter semester
13	Workload in clock hours	Contact hours: 30 h Independent study: 120 h
14	Module duration	1 semester
15	Teaching and examination language	english
16	Bibliography	<ul style="list-style-type: none"> • C.I. Dinwiddy & F.J. Teal, The Two-Sector General Equilibrium Model, P. Allan/St. Martin's Press, 1988 • M.E. Burfisher, Introduction to Computable General Equilibrium Models, 3rd ed., Cambridge University Press, 2021 • A. Peng, Introducing CGE Models to the Classroom Using Excel, Working Paper, Ryerson University, 2009.