



Friedrich-Alexander-Universität
Philosophische Fakultät und
Fachbereich Theologie

Module Handbook

M.A.

Development Economics and International Studies

October 1, 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 (free electives). Language courses do not require separate approval.

As part of the free elective modules, there are also courses offered by guest lecturers who visit FAU. These courses are offered only irregularly but the respective modules are still part of the module handbook.

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	
	Elective Module International Economics I	Lecture + Tutorial or Seminar	(2)	(1)	(2)	5	Written exam or presentation & term paper	
	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	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	
	Elective Module International Economics II	Lecture + Tutorial or Seminar	(2)	(1)	(2)	5	Written exam or presentation & term paper	
	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](#).

Instructions for creating course schedule:

The screenshot shows the Campo website interface. At the top, there is a navigation bar with a home icon, a search bar, and a dropdown menu for 'Current status' set to 'Student Friedrich-Alexander-Universität Erlangen-'. Below this, there are links for 'Home', 'My Studies', 'Studies offered' (highlighted), 'Organisation', and 'Service'. A breadcrumb trail reads: 'You are here: Home > Studies offered > Module descriptions > Show module descriptions'. Below the breadcrumb, there is a section titled 'Show module descriptions' with a search bar containing 'New search' and 'To change the search'.

Module Descriptions

	Default text	Type of element	Course of study	Degree	
	Austauschstudium Master Development Economics and International Studies Hauptfach PO-Version 1	Examination regulations	Austauschstudium Master Development Economics and International Studies (PO 1)	Master's degree (completed abroad)	
	Master of Arts Development Economics and International Studies Hauptfach PO-Version 20182	Examination regulations	M.A. Development Economics and International Studies (PO 20182)	Master of Arts	
	Master of Arts Development Economics and International Studies Hauptfach PO-Version 20192	Examination regulations	M.A. Development Economics and International Studies (PO 20192)	Master of Arts	
	Promotion Development Economics and International Studies Hauptfach PO-Version 1	Examination regulations	Promotion Development Economics and International Studies (PO 1)	Doctoral degree	
	Strukturierte Promotion Development Economics and International Studies Hauptfach PO-Version 1	Examination regulations	Promotion (strukturiert) Development Economics and International Studies (PO 1)	Structured Doctoral Degree	

Students can find the module description in Campo. You can either search for a particular module or you can search Master of Arts Development Economics and International Studies Hauptfach **PO-Version 20242** you can see all modules related to the DEIS program. (As of 07.08.2024 there is a new PO-Version in place.)

Guidance on how to create your final course schedule can be found on Campo: https://www.doc.zuv.fau.de/L2/Anleitungen/Studierende/English/Academic_progress_and_schedule.pdf

Course structure

Compulsory modules (30 ECTS):

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

Elective modules International Economics (10 ECTS)

Regional modules (10 ECTS)

Elective modules (20 ECTS)

Complementary elective modules (Free electives) (20 ECTS)

Master thesis (30 ECTS)

The current study plan is part of the examination regulations. For further information, visit:

https://www.doc.zuv.fau.de//L1/PO/Phil/Master/Development_Economics_and_International_Studies/konsolidierte_Fassungen/MA_DEIS_FPODEIS_20240807.pdf

<https://www.fau.de/fau/rechtsgrundlagen/pruefungsordnungen/phil/masterstudiengaenge#deis>

Guideline for the form and extent of examinations for modules imported from the School of Business (Wiso)

The form of examination that is valid for examinations at the school of business is defined in §16 of the examination regulation for master studies. Furthermore, the extent of examinations is regulated by §17, §18 of the examination regulation for master studies.

The examination regulation can be accessed via the following link:

<http://www.zuv.fau.de/universitaet/organisation/recht/studiensatzungen/rw.shtml#Wirtschaft>

https://www.doc.zuv.fau.de//L1/PO/RW/WiWi/Master/Rahmenpruefungsordnung/konsolidierte_Fassungen/Rahmenpr%C3%BCfungsordnung_MPOWISO_20090716_idF_20230731.pdf

Module description

for the degree programme

Master of Arts Development

Economics and

International Studies

(Version of examination regulation: 20242)

for the winter term 2024/2025

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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	5 ECTS
3	Lecturers	Andreas Link	

4	Module coordinator	Andreas Link	
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	<p>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.</p>	
7	Prerequisites	None.	
8	Integration in curriculum	semester: 1	
9	Module compatibility	<p>Pflichtmodul Master of Arts Development Economics and International Studies 20242 Compulsory module for: "M.A. Development Economics and International Studies"; Elective module for "MA Nahoststudien"</p>	
10	Method of examination	<p>Written examination Written exam (60 minutes)</p>	
11	Grading procedure	<p>Written examination (100%) Written exam (100%)</p>	
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>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>

1	Module name 38022	Development Economics II Development economics II	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. 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 20242 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	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 38041	Research Methods I Research methods I	5 ECTS
2	Courses / lectures	Vorlesung mit Übung: Research Methods I	5 ECTS
3	Lecturers	Prof. Dr. Andreas Landmann	

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	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.	
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 20242	
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	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>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 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.</p>	
7	Prerequisites	<p>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.</p>	
8	Integration in curriculum	semester: 2	
9	Module compatibility	Pflichtmodul Master of Arts Development Economics and International Studies 20242	
10	Method of examination	<p>Written or oral</p> <p>Written examination (60 minutes)</p>	
11	Grading procedure	<p>Written or oral (100%)</p> <p>Written examination (100%)</p>	
12	Module frequency	Only in summer semester	
13	Workload in clock hours	<p>Contact hours: 45 h</p> <p>Independent study: 105 h</p>	

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/kgwv9p. • Glennerster, Rachel., and Kudzai Takavarasha. 2013. Running Randomized Evaluations: A Practical Guide. Princeton University Press. doi:10.2307/j.ctt4cgd52.

1	Module name 38051	International Business Ethics I International business ethics I	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. 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.</p> <p>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 20242
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?" <i>Entrepreneurship, Theory and Practice</i>, 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", <i>Zeitschrift für Wirtschafts- und Unternehmensethik / Journal for Business, Economics & Ethics</i>, 1(3): 263-285. • Fifka, M. & Loza Adai, C. (2015) "Managing stakeholders for the sake of business and society", in O'Riordan, L.; Zmuda, P & Heinemann, S. (Eds.) <i>New Perspectives on Corporate Social Responsibility. Locating the Missing Link</i>, Springer Gabler: Wiesbaden, pp. 71-88. • Friedman, M. (1970) "The Social Responsibility of Business Is to Increase Its Profits." <i>The New York Times Magazine</i>. • Garriga, E. and Melé, D. (2004) "Corporate Social Responsibility Theories: Mapping the Territory", <i>Journal of Business Ethics</i>, 53: 51-71 • Grant, C. (1991) "Friedman fallacies", <i>Journal of Business Ethics</i>, 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	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 20242
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	

Regional modules

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

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 20242 Freie Ergänzungsstudien Master of Arts Development Economics and International Studies 20242 Regional Modules Master of Arts Development Economics and International Studies 20242 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	No teaching units are offered for the module in the current semester. For further information on teaching units please contact the module managers. Es besteht Anwesenheitspflicht.	
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	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.
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 20242</p> <p>Freie Ergänzungsstudien Master of Arts Development Economics and International Studies 20242</p> <p>Regional Modules Master of Arts Development Economics and International Studies 20242</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 38139	Economic History and Development of Europe and the Middle East	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. Es besteht Anwesenheitspflicht.	
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 20242 Freie Ergänzungsstudien Master of Arts Development Economics and International Studies 20242 Regional Modules Master of Arts Development Economics and International Studies 20242
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>

1	Module name 38142	Business and Society Business & Society	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. Es besteht Anwesenheitspflicht.	
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).

		<ul style="list-style-type: none"> • Students reflect and evaluate the different theoretical approaches that explain the particularities of the business and society relationships in Africa or Latin America. • 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	<p>Elective Modules Master of Arts Development Economics and International Studies 20242</p> <p>Freie Ergänzungsstudien Master of Arts Development Economics and International Studies 20242</p> <p>Regional Modules Master of Arts Development Economics and International Studies 20242</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	<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"> • 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 38149	Technological Impact Entrepreneurship for Sustainable Development (Econ) Technological Impact Entrepreneurship for Sustainable Development - Design, Market, Impact (Econ)	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. Es besteht Anwesenheitspflicht.	
3	Lecturers	-	

4	Module coordinator	Prof. Dr. Andreas Landmann	
5	Contents	<p>This seminar brings together students from the fields of <i>Energy Systems/Power Electronics, Development Economics and Management</i>. At this intersection, students work on a technical innovation for power supply and usage in regions with acute energy poverty, develop a business model for marketing the innovation, investigate its developmental economic impact, and assess possible strategies for evaluating its impact.</p> <p>In a multidisciplinary effort and under supervision of the three involved faculties, the teams will form a fictional start-up to design and market a product or service while measuring its economic, social, and ecological impact. Possible solutions include energy generation and transmission, electricity storage and remote maintenance. However, students are encouraged to come up with own innovations. The aim is to find a marketable solution that can be sold to firms in rural areas, enabling them to apply the technology to their specific (infra)structural context, either in Europe or abroad.</p> <p>During the seminar kick-off, students will deepen their existing disciplinary knowledge to later work effectively in the multidisciplinary teams (each team has at least one member of one of the three faculties). The kick-off introduces the relevant theory to enable the students to enter more deeply through self-study. In the first four weeks of the course, the teams are supported by the respective chairs in demand-oriented online work-sessions, receiving feedback on their progress and answers to their questions within and between the academic disciplines.</p> <p>In an interim presentation, the participants can then present their progress and give and receive feedback on theory application and practical relevance of the developed solutions. The second half of the seminar allows to incorporate feedback and further develop the product/ service.</p> <p>The course ends with a final presentation (50% of the final grade), in which the proposed solution will be presented by the students and discussed with the professors. Two weeks after the final presentation,</p>	

		each team submits a project documentation (50% of the final grade), describing theory and application of their solution.
6	Learning objectives and skills	<p>Students</p> <ul style="list-style-type: none"> • Acquire and deepen knowledge of the three areas of electrical engineering (specifically power electronics in the field of renewable energy), development economics and (impact) entrepreneurship. • Get a deep dive into their own field of study but a good overview of the other two segments and understand the dependencies. • Address issues regarding the definition and measurement of economic, social and environmental impact and how these can be integrated into the corporate mission. • Learn through multidisciplinary collaboration the interdependence of decision criteria (product ↔ production ↔ energy demand and generation ↔ market entry planning ↔ business plan ↔ sustainability) • Can independently create a practice concept for an impact enterprise in cooperation with a wide variety of fields. • Can understand, describe, and compare impact entrepreneurship as an entrepreneurial problem-solving approach for social challenges. • Consider local contexts within which innovations generate impact. • Acquire argumentation competence and critical reflection in their own subject discipline and can understand socially relevant issues by combining different logics and explain them within working groups. • Develop interdisciplinary feedback competences. • Can give presentations relevant to practice. • Can process complex questions analytically and make pragmatic decisions.
7	Prerequisites	Basic knowledge in Development Economics and Research Methods
8	Integration in curriculum	semester: 2;4
9	Module compatibility	<p>Elective Modules Master of Arts Development Economics and International Studies 20242</p> <p>Freie Ergänzungsstudien Master of Arts Development Economics and International Studies 20242</p> <p>Regional Modules Master of Arts Development Economics and International Studies 20242</p>
10	Method of examination	<p>Presentation/written assignment</p> <p>Mandatory presence at the kick-off days, interim presentation and final presentation.</p> <p>Examination: Final presentation (50% of grade) and Documentation (50% of grade)</p>
11	Grading procedure	Presentation/written assignment (100%)

		Final presentation incl. discussion: 50% Documentation: 50%
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	Additional materials will be provided via StudOn and in the course.

1	Module name 38125	International Migration	5 ECTS
2	Courses / lectures	Masterseminar: International Migration (2.0 SWS, WiSe 2024) Attendance is mandatory.	-
3	Lecturers	apl. Prof. Dr. Daniel Gossel	

4	Module coordinator	apl. Prof. Dr. Daniel Gossel
5	Contents	<ul style="list-style-type: none"> • Definitions, categories, and concepts related to the study of international migration • Theoretical and historical perspectives on migration and ethnic diversity • Long-term and short-term trends in global migration • Overviews of migration in major world regions • Politics and policies of migration • Effects of migration upon societies
6	Learning objectives and skills	<p>This seminar aims to attract students to the subject of international migration. Migration is an intrinsic part of the history of mankind, but in the current age of globalization it is of ever-growing political salience. Migration has major impacts on sending and receiving societies, therefore is important to analyse these processes as part of societal transformation.</p> <p>Subject-specific skills:</p> <ul style="list-style-type: none"> • Students reflect theoretical and terminological concepts and acquire specialized and in-depth knowledge on a range of specific topics related to international migration. • Students apply policy analysis and conduct in-depth research (independently or in pairs) to examine complex dynamics driving international migratory movements and evaluate impacts on various socio-economic variables. • Students develop independent ideas to explain flow, patterns, and structures of international migration. • Students can focus on a specific region. <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, analysing and interpreting documents and academic literature related to the research questions to better understand the drivers, barriers and impacts of international migration on a range of variables. • Students plan and implement the research project in new and interdisciplinary contexts. • Students apply academic standards for structuring, 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 academic 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 co-operative behaviour. • Students communicate clearly and respectfully their arguments and points of view in classroom. • Students give fellow students constructive feedback on their seminar papers and presentations.
7	Prerequisites	None
8	Integration in curriculum	semester: 3;1
9	Module compatibility	<p>Elective Modules Master of Arts Development Economics and International Studies 20242</p> <p>Freie Ergänzungsstudien Master of Arts Development Economics and International Studies 20242</p> <p>Regional Modules Master of Arts Development Economics and International Studies 20242</p> <p>Elective Module, Elective Complementary Module, Regional Module, M.A. Development Economics and International Studies</p>
10	Method of examination	<p>Presentation/written assignment</p> <p>Written assignment (15 pages) and presentation (30-40 minutes)</p>
11	Grading procedure	<p>Presentation/written assignment (100%)</p> <p>Written assignment (67 %) and presentation (33 %).</p>
12	Module frequency	<p>Every fourth semester</p> <p>Offered every two years</p>
13	Workload in clock hours	<p>Contact hours: 30 hours</p> <p>Independent study: 120 hours</p>
14	Module duration	1 Semester semester
15	Teaching and examination language	english
16	Bibliography	<p>Hein de Haas/Stephen Castles/Mark J. Miller (2020), <i>The Age of Migration. International Population Movements in the World</i>, 6th Edition, Bloomsbury</p> <p>James F. Hollifield/Neil Foley (Eds., 2022), <i>Understanding Global Migration</i>, Stanford University Press</p> <p>Hein de Haas (2023), <i>How Migration Really Works. A Factful Guide to the Most Divisive Issue in Politics</i>, Penguin/Viking</p>

Elective Modules – International Economics

1	Module name 54440	Issues in international political economy	5 ECTS
2	Courses / lectures	Vorlesung: Ma-Vorl: Issues in International Political Economy (IPE) (Vorlesung mit Übung)	5 ECTS
3	Lecturers	Stefan Suttner 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 20242</p> <p>Freie Ergänzungsstudien Master of Arts Development Economics and International Studies 20242</p> <p>Wahlpflichtbereich Internationale Vertiefung – International Economics Master of Arts Development Economics and International Studies 20242</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)

		<ul style="list-style-type: none"> • 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 57130	International trade and labor	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. (Vorlesung mit Übung)	
3	Lecturers	-	

4	Module coordinator	Prof. Dr. Christoph Moser
5	Contents	This module deals with the consequences of globalization for the domestic labor market and discusses the winners and losers of trade liberalization. The module focuses on the impact of international economic integration on domestic wages, jobs and inequality, in particular in Germany and the United States.
6	Learning objectives and skills	Students are made familiar with the main relevant concepts of international trade and acquire specialized knowledge of the labor market effects of trade liberalization. Students learn about key theoretical predictions, their empirical evidence and the empirical strategies to assess their relevance. The module focuses on topics at the intersection between international trade and labor.
7	Prerequisites	Recommended prerequisites: Basic knowledge of microeconomics (e.g., Varian, Hal (2014), Intermediate Microeconomics: A Modern Approach, 9th international edition) and econometrics (e.g., Wooldridge, Jeffrey (2013), Introductory Econometrics: A Modern Approach, 5th international edition).
8	Integration in curriculum	semester: 2
9	Module compatibility	Elective Modules Master of Arts Development Economics and International Studies 20242 Freie Ergänzungsstudien Master of Arts Development Economics and International Studies 20242 Wahlpflichtbereich Internationale Vertiefung – International Economics Master of Arts Development Economics and International Studies 20242 Master Economics: Specialization in Macroeconomics and Finance Master IBS: elective course (Wahlbereich): English-speaking countries; Europe Master Arbeitsmarkt und Personal: Wahlbereich Master Sozialökonomik: freier Vertiefungsbereich

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	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: Übung Macroeconomics: Business Cycles (Makro I)	2,5 ECTS
		Übung: Computer Übung Macroeconomics: Business Cycles	-
		Vorlesung: Macroeconomics: Business Cycles (Makro I)	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	<p>Students</p> <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	<p>Elective Modules Master of Arts Development Economics and International Studies 20242</p> <p>Freie Ergänzungsstudien Master of Arts Development Economics and International Studies 20242</p> <p>Wahlpflichtbereich Internationale Vertiefung – International Economics Master of Arts Development Economics and International Studies 20242</p>	
10	Method of examination	Written examination (60 minutes)	
11	Grading procedure	<p>Written examination (100%)</p> <p>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.</p>	
12	Module frequency	Only in winter semester	
13	Workload in clock hours	<p>Contact hours: 60 h</p> <p>Independent study: 90 h</p>	
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.

1	Module name 52290	International finance	5 ECTS
2	Courses / lectures	Vorlesung: International Finance Übung: Übung zu International Finance	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 20242 Freie Ergänzungsstudien Master of Arts Development Economics and International Studies 20242 Wahlpflichtbereich Internationale Vertiefung – International Economics Master of Arts Development Economics and International Studies 20242
10	Method of examination	Written or oral (60 minutes)
11	Grading procedure	Written or oral (100%) Examination form: written exam. 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 53710	Foundations of international management I	5 ECTS
2	Courses / lectures	Vorlesung: Foundations of International Management I Seminar: Foundations of International Management I (1 ECTS, Seminar)	4 ECTS 1 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	no Integration in curriculum available!	
9	Module compatibility	Elective Modules Master of Arts Development Economics and International Studies 20242 Freie Ergänzungsstudien Master of Arts Development Economics and International Studies 20242 Wahlpflichtbereich Internationale Vertiefung – International Economics Master of Arts Development Economics and International Studies 20242	
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%)	
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. & Hausmann, H. (eds.) (2024). Internationalization Strategies of Firms. Case Studies from the Nürnberg Metropolitan Region. 3rd edition. Baden-Baden: Nomos.

1	Module name 53720	Foundations of international management II	5 ECTS
2	Courses / lectures	Seminar: Foundations of International Management II (1 ECTS, Seminar) Vorlesung: Foundations of International Management II	1 ECTS 4 ECTS
3	Lecturers	Prof. Dr. Dirk Holtbrügge Maxim Grib	

4	Module coordinator	Prof. Dr. Dirk Holtbrügge	
5	Contents	1. Organization of International Corporations 2. Human Resource Management in International Corporations 3. Public Affairs 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	Successful attendance of Foundations of International Management I English language proficiency (C1)	
8	Integration in curriculum	no Integration in curriculum available!	
9	Module compatibility	Elective Modules Master of Arts Development Economics and International Studies 20242 Wahlpflichtbereich Internationale Vertiefung – International Economics Master of Arts Development Economics and International Studies 20242	
10	Method of examination	Presentation Report <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	Presentation (20%) Report (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	Holtbrügge, D. & Welge, M.K. (2020): International Management. Mimeo, Nürnberg (chapters 5, 6 & 8). Holtbrügge, D. & Haussmann, H. (eds.) (2024). Internationalization Strategies of Firms. Case Studies from the Nürnberg Metropolitan Region. 3rd edition. Baden-Baden: Nomos.	

1	Module name 53471	Managing intercultural relations	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. Dirk Holtbrügge	
5	Contents	1. Relevance of Intercultural Management 2. Intercultural Management Research: Scope and Results 3. Manifestations and Functions of Culture 4. Concepts of Culture 5. Intercultural Communication and Negotiations 6. Culture and Management: Organization, Motivation and Leadership in Different Cultures 7. Intercultural Competence 8. Intercultural Training 9. Conclusions	
6	Learning objectives and skills	The participants understand and analyze modern theories and methods of intercultural management and apply these to practical problems. They get a detailed overview of the current state of comparative, cross-cultural, indigenous and post-colonial management research and evaluate theoretical and empirical studies in these areas. They are able to conceptualize and measure intercultural competence and to conduct and evaluate innovative methods of intercultural training. They learn about methodological challenges of intercultural management research and are able to assess its rigor and relevance.	
7	Prerequisites	English language proficiency (C1)	
8	Integration in curriculum	no integration in curriculum available!	
9	Module compatibility	Elective Modules Master of Arts Development Economics and International Studies 20242 Wahlpflichtbereich Internationale Vertiefung – International Economics Master of Arts Development Economics and International Studies 20242	
10	Method of examination	Presentation Written <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	Presentation (20%) Written (80%)	
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	Holtbrügge, D. (2022). Intercultural Management. Concepts, Practice, Critical Reflection. Thousand Oaks: Sage.

Elective modules

1	Module name 53212	Macroeconomics: Business cycles	5 ECTS
2	Courses / lectures	Übung: Übung Macroeconomics: Business Cycles (Makro I)	2,5 ECTS
		Übung: Computer Übung Macroeconomics: Business Cycles	-
		Vorlesung: Macroeconomics: Business Cycles (Makro I)	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	<p>Students</p> <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	<p>Elective Modules Master of Arts Development Economics and International Studies 20242</p> <p>Freie Ergänzungsstudien Master of Arts Development Economics and International Studies 20242</p> <p>Wahlpflichtbereich Internationale Vertiefung – International Economics Master of Arts Development Economics and International Studies 20242</p>
10	Method of examination	Written examination (60 minutes)
11	Grading procedure	<p>Written examination (100%)</p> <p>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.</p>
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.

1	Module name 53055	Panel and evaluation methods	5 ECTS
2	Courses / lectures	Vorlesung: Panel- and Evaluation Methods Übung: Panel- and Evaluation Methods (PEV)-Übung Tutorium: Panel- and Evaluation Methods-Tutorium Übung: Panel- and Evaluation Methods Softskills (voluntary)	5 ECTS - - -
3	Lecturers	Dr. Selina Gangl	

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 20242 Freie Ergänzungsstudien Master of Arts Development Economics and International Studies 20242
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	Wooldridge, J.M., 2010, Econometric Analysis of Cross Section and Panel Data, 2.ed., MIT Press.

Greene, William H., 2020, *Econometric Analysis*, 8. ed., Pearson, New Jersey

Cameron, C.A. and P.K. Trivedi, 2005, *Microeconometrics. Methods and Applications*, Cambridge University Press

Angrist, J. and J.-S. Pischke, 2009, *Mostly Harmless Econometrics*, Princeton University Press, Princeton, and Oxford.

Verbeek, M., 2017, *A Guide to Modern Econometrics*, 5. ed., Wiley.

1	Module name 53285	Empirical environmental economics	5 ECTS
2	Courses / lectures	Vorlesung: Empirical Environmental Economics	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 20242 Freie Ergänzungsstudien Master of Arts Development Economics and International Studies 20242	
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: 30 h Independent study: 120 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 52990	Seminar energy markets	5 ECTS
2	Courses / lectures	Seminar: Seminar Energy Markets	5 ECTS
3	Lecturers	Prof. Dr. Karl Gregor Zöttl	

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 Quantitative Methods in Energy Market Modelling Empirical Environmental Economics</p>
8	Integration in curriculum	semester: 2

9	Module compatibility	Elective Modules Master of Arts Development Economics and International Studies 20242 Freie Ergänzungsstudien Master of Arts Development Economics and International Studies 20242 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 57176	Semiparametric methods in econometrics and applications	5 ECTS
2	Courses / lectures	Vorlesung mit Übung: Semiparametric Methods in Econometrics and Applications (2 SWS)	5 ECTS
3	Lecturers	Prof. Bernd Fitzenberger Julia Holleitner	

4	Module coordinator	Prof. Bernd Fitzenberger Julia Holleitner	
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 think of regression as modelling conditional expectations and features of conditional distribution • learn 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 introductory econometrics module („Applied Econometrics“ or “Ökonometrie”) (mandatory) and a further course (recommended) in microeconometrics such as "Panel and Evaluation Methods" or "Microeconometrics and Machine Learning".	
8	Integration in curriculum	semester: 1	
9	Module compatibility	Elective Modules Master of Arts Development Economics and International Studies 20242 Freie Ergänzungsstudien Master of Arts Development Economics and International Studies 20242	
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 53231	Mathematics for economists	5 ECTS
2	Courses / lectures	Übung: Mathematics for Economists (Übung) Vorlesung: Mathematics for Economists (Vorlesung)	0 ECTS 5 ECTS
3	Lecturers	Dr. Ricardo Correa da Silva	

4	Module coordinator	Dr. Ricardo Correa da Silva	
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 20242 Freie Ergänzungsstudien Master of Arts Development Economics and International Studies 20242	
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 Übung: Microeconomics (Master) Exercise	4 ECTS 1 ECTS
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 20242 Freie Ergänzungsstudien Master of Arts Development Economics and International Studies 20242
10	Method of examination	Presentation (20 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: 90 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 57453	Branchen- und themenspezifisches Nachhaltigkeitsmanagement Industry and issue specific sustainability management	5 ECTS
2	Courses / lectures	Seminar: Perspektiven des Nachhaltigkeitsmanagements - ein Debattierseminar Es besteht Anwesenheitspflicht.	5 ECTS
3	Lecturers	Julia Pompe Katrin Schwarzfischer	

4	Module coordinator	Prof. Dr. Markus Beckmann	
5	Contents	<p>Das Debattier-Seminar „Perspektiven des Nachhaltigkeitsmanagements“ soll die Kompetenzen der Studierenden zur kritischen Reflektion mittels Nachhaltigkeitsdebatten und der Nutzung von KI bei der Meinungsbildung stärken.</p> <p>Im Seminar definieren wir zunächst mit dem Klimawandel-Simulations-Tools „EnRoads“, welche Themen für eine nachhaltige Entwicklung besonders relevant sind. Wir zeigen anhand von „EnRoads“ und systemtheoretischer Einordnungen, dass vermeintlich „einfache“ Lösungen oft komplizierter sind und systemisch betrachtet werden müssen. Anhand des Klimasimulators werden vier Themenkomplexe abgeleitet, die für eine nachhaltige Entwicklung besonders relevant, aber auch ambivalent diskutiert werden: Kreislaufwirtschaft, Ausbau erneuerbarer Energien, CO2-Preis, Growth vs. Green Growth. Zu diesen Themen werden wissenschaftlich fundierte Grundlagen, auch über Gastvorträge, vermittelt.</p> <p>Zur Entwicklung verschiedener Themen-Perspektiven kreieren wir Rollen, die gegensätzliche Positionen zu den polarisierenden Themen haben können (z.B. für das Thema „Ausbau erneuerbarer Energien“ eine liberale Wirtschaftsministerin, ein Rentner mit Ölheizung im Eigenheim, eine Geschäftsführerin eines mittelständischen Unternehmens, eine Nachhaltigkeitsmanagerin in einem internationalen Konzern). Die Studierenden werden zufällig einer Rolle zugeteilt und bereiten Argumente für die zu dieser Rolle passende Position vor. Diese Argumente sollen ausdrücklich mithilfe von ChatGPT und SciteAI recherchiert, aber auch in Social Media gesucht werden. Im Stil eines Debattierclubs diskutieren die Studierenden in ihrer Rolle über eines der Themen. Dazu werden im Vorfeld Methodiken des Debattierens und der Rhetorik vermittelt.</p> <p>Neben der Debattenleistung sollen Studierende ihr Diskussionsthema in einem Reflexionsbericht unter Verwendung wissenschaftlicher Literatur einordnen.</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 unterschiedlichen Perspektiven zu analysieren und zu reflektieren; 	

		<ul style="list-style-type: none"> • methodisch fundierte und strukturierte Debatten zu führen; • ihre wissenschaftlichen Forschungskompetenzen anzuwenden; • KI-Tools kritisch und konstruktiv anzuwenden; • Soft Skills wie strukturierte Teamarbeit und professionelle Präsentationen anzuwenden.
7	Prerequisites	<ul style="list-style-type: none"> • Bereits besuchte Kurse zum Nachhaltigkeitsmanagement sind von Vorteil; • Bereitschaft zur aktiven Teilnahme an Diskussionsformaten; • Interesse an aktuellen und auch kontroversen Nachhaltigkeitsthemen; • Bereitschaft zum Perspektivwechsel und damit verbundene Einnahme verschiedener Rollen; • Motivation zur selbständigen Arbeit in einem Team.
8	Integration in curriculum	semester: 3;1;5;7
9	Module compatibility	Elective Modules Master of Arts Development Economics and International Studies 20242 Freie Ergänzungsstudien Master of Arts Development Economics and International Studies 20242
10	Method of examination	Presentation Written Analyse eines aktuellen, kontroversen Nachhaltigkeitsthemas; Vorbereitung einer dazugehörigen, legitimen Position; Darlegung dieser in einem Debattierformat. Zusammenfassende Reflexion der Debatte im Nachgang.
11	Grading procedure	Presentation (70%) Written (30%) Dies entspricht einem Diskussionsbeitrag (70%) und einem Reflexionsbericht (30%).
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	german
16	Bibliography	Alle notwendigen Materialien werden über StudOn zur Verfügung gestellt.

1	Module name 38125	International Migration	5 ECTS
2	Courses / lectures	Masterseminar: International Migration (2.0 SWS, WiSe 2024) Attendance is mandatory.	-
3	Lecturers	apl. Prof. Dr. Daniel Gossel	

4	Module coordinator	apl. Prof. Dr. Daniel Gossel
5	Contents	<ul style="list-style-type: none"> • Definitions, categories, and concepts related to the study of international migration • Theoretical and historical perspectives on migration and ethnic diversity • Long-term and short-term trends in global migration • Overviews of migration in major world regions • Politics and policies of migration • Effects of migration upon societies
6	Learning objectives and skills	<p>This seminar aims to attract students to the subject of international migration. Migration is an intrinsic part of the history of mankind, but in the current age of globalization it is of ever-growing political salience. Migration has major impacts on sending and receiving societies, therefore is important to analyse these processes as part of societal transformation.</p> <p>Subject-specific skills:</p> <ul style="list-style-type: none"> • Students reflect theoretical and terminological concepts and acquire specialized and in-depth knowledge on a range of specific topics related to international migration. • Students apply policy analysis and conduct in-depth research (independently or in pairs) to examine complex dynamics driving international migratory movements and evaluate impacts on various socio-economic variables. • Students develop independent ideas to explain flow, patterns, and structures of international migration. • Students can focus on a specific region. <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, analysing and interpreting documents and academic literature related to the research questions to better understand the drivers, barriers and impacts of international migration on a range of variables. • Students plan and implement the research project in new and interdisciplinary contexts. • Students apply academic standards for structuring, 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 academic 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 co-operative behaviour. • Students communicate clearly and respectfully their arguments and points of view in classroom. • Students give fellow students constructive feedback on their seminar papers and presentations.
7	Prerequisites	None
8	Integration in curriculum	semester: 3;1
9	Module compatibility	<p>Elective Modules Master of Arts Development Economics and International Studies 20242</p> <p>Freie Ergänzungsstudien Master of Arts Development Economics and International Studies 20242</p> <p>Regional Modules Master of Arts Development Economics and International Studies 20242</p> <p>Elective Module, Elective Complementary Module, Regional Module, M.A. Development Economics and International Studies</p>
10	Method of examination	<p>Presentation/written assignment</p> <p>Written assignment (15 pages) and presentation (30-40 minutes)</p>
11	Grading procedure	<p>Presentation/written assignment (100%)</p> <p>Written assignment (67 %) and presentation (33 %).</p>
12	Module frequency	<p>Every fourth semester</p> <p>Offered every two years</p>
13	Workload in clock hours	<p>Contact hours: 30 hours</p> <p>Independent study: 120 hours</p>
14	Module duration	1 Semester semester
15	Teaching and examination language	english
16	Bibliography	<p>Hein de Haas/Stephen Castles/Mark J. Miller (2020), <i>The Age of Migration. International Population Movements in the World</i>, 6th Edition, Bloomsbury</p> <p>James F. Hollifield/Neil Foley (Eds., 2022), <i>Understanding Global Migration</i>, Stanford University Press</p> <p>Hein de Haas (2023), <i>How Migration Really Works. A Factful Guide to the Most Divisive Issue in Politics</i>, Penguin/Viking</p>

1	Module name 38127	Development Policy	5 ECTS
2	Courses / lectures	Masterseminar: Development Economics and Policy 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 20242 Freie Ergänzungsstudien Master of Arts Development Economics and International Studies 20242	
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 38128	Workshop Computable General Equilibrium Modelling	5 ECTS
2	Courses / lectures	Kombiseminar: Workshop Computable General Equilibrium Modelling	5 ECTS
3	Lecturers	Prof. Jürgen Kähler	

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 20242 Freie Ergänzungsstudien Master of Arts Development Economics and International Studies 20242 Elective or elective complementary module for MA DEIS</p>	

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.

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

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 20242 Freie Ergänzungsstudien Master of Arts Development Economics and International Studies 20242 Regional Modules Master of Arts Development Economics and International Studies 20242 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 38129	International Political Economy	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. Es besteht Anwesenheitspflicht.	
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 20242 Freie Ergänzungsstudien Master of Arts Development Economics and International Studies 20242
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**

- Dreher, A., & Lang, V. F. (2019). The political economy of international organizations. *The Oxford Handbook of Public Choice*, 2, 607-652.
- Vreeland, James Raymond (2019): Corrupting International Organizations. In: *Annu. Rev. Polit. Sci.* 22 (1), S. 205–222.
- Atkin, David; Khandelwal, Amit K. (2020): How Distortions Alter the Impacts of International Trade in Developing Countries. In: *Annu. Rev. Econ.* 12 (1), S. 213–238.
- Felbermayr, Gabriel, et al. "Understanding economic sanctions: Interdisciplinary perspectives on theory and evidence." *European Economic Review* 135 (2021): 103720.
- Rodrik, Dani (2021): Why Does Globalization Fuel Populism? Economics, Culture, and the Rise of Right-Wing Populism. In: *Annu. Rev. Econ.* 13 (1), S. 133–170.

Further literature will be indicated in the course and via StudOn.

1	Module name 38138	Social Health Protection in South and East Asia	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. Es besteht Anwesenheitspflicht.	
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 20242 Freie Ergänzungsstudien Master of Arts Development Economics and International Studies 20242 Regional Modules Master of Arts Development Economics and International Studies 20242</p>	
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	<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 38139	Economic History and Development of Europe and the Middle East	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. Es besteht Anwesenheitspflicht.	
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 20242 Freie Ergänzungsstudien Master of Arts Development Economics and International Studies 20242 Regional Modules Master of Arts Development Economics and International Studies 20242
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>

1	Module name 38140	International Monetary Economics International Monetary Economics	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>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 20242</p> <p>Freie Ergänzungsstudien Master of Arts Development Economics and International Studies 20242</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	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	<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 38142	Business and Society Business & Society	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. Es besteht Anwesenheitspflicht.	
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).

		<ul style="list-style-type: none"> • Students reflect and evaluate the different theoretical approaches that explain the particularities of the business and society relationships in Africa or Latin America. • 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 20242 Freie Ergänzungsstudien Master of Arts Development Economics and International Studies 20242 Regional Modules Master of Arts Development Economics and International Studies 20242
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 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. Es besteht Anwesenheitspflicht.	
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 20242 Freie Ergänzungsstudien Master of Arts Development Economics and International Studies 20242

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	Irregular
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 38135	Risk, Insurance and Climate Change	5 ECTS
2	Courses / lectures	Vorlesung mit Übung: Risk, Insurance, and Climate Change	5 ECTS
3	Lecturers	Prof. Dr. Andreas Landmann	

4	Module coordinator	Prof. Dr. Andreas Landmann	
5	Contents	<p>1. Introduction: Importance of Risk & Insurance, and their Relation to Climate Change</p> <p>2. Risk and Uncertainty: The Economic Concept, Models of Behavior and Measurement</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. Climate Models: Future Risks & Uncertainty created by Climate Change</p> <p>7. Insurance against Risks created by Climate Change</p> <p>If possible, the lecture 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 have a basic understanding of 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). They understand how climate change affects the distribution of risks and are aware of the potential & challenges of insurance mechanisms to protect people from those.</p>	
7	Prerequisites	Basic microeconomics and statistics knowledge is strongly recommended	
8	Integration in curriculum	semester: 3;1	
9	Module compatibility	<p>Elective Modules Master of Arts Development Economics and International Studies 20242</p> <p>Freie Ergänzungsstudien Master of Arts Development Economics and International Studies 20242</p>	
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	<p>Contact hours: 42 h</p> <p>Independent study: 108 h</p>	

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 McMorrow. 2013. Insurance and Behavioral Economics: Improving Decisions in the Most Misunderstood Industry. Cambridge: Cambridge University Press. doi:10.1017/CBO9781139050319. • Literature specifically related to the topic of climate change will be distributed during the course.

1	Module name 56780	Business ethics and corporate social responsibility Sustainability management, business ethics and corporate social responsibility	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. 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 20242 Freie Ergänzungsstudien Master of Arts Development Economics and International Studies 20242	
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 53313	Multivariate Time Series Analysis Multivariate time series analysis	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. 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 20242 Freie Ergänzungsstudien Master of Arts Development Economics and International Studies 20242
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.

Tsay, R.S. (2005), Analysis of Financial Time Series, 2nd edition, Wiley.
(alternatively 3rd edition from 2010).

Verbeek, M. (2008), A Guide to Modern Econometrics,, 3rd edition,
Wiley.

1	Module name 52130	Sustainability management and corporate functions	5 ECTS
2	Courses / lectures	Vorlesung: Advanced Sustainability Management and Corporate Functions Übung: Advanced Sustainability Management and Corporate Functions	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>Elective Modules Master of Arts Development Economics and International Studies 20242</p> <p>Freie Ergänzungsstudien Master of Arts Development Economics and International Studies 20242</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	<p>Contact hours: 45 h</p> <p>Independent study: 105 h</p>	

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

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 20242 Freie Ergänzungsstudien Master of Arts Development Economics and International Studies 20242
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 75644	Basismodul Außereuropäische Regionen II Basic module: Non-European politics II	5 ECTS
2	Courses / lectures	Proseminar: Bevölkerungsentwicklung und Bevölkerungspolitik im Nahen Osten Proseminar: Populismus und Demokratie in Asien Proseminar: Torture, Corporal Punishment and Death Penalty in the Middle East Ja	- - -
3	Lecturers	Philipp Winkler Prof. Dr. Marco Bünte	

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; • Ideologeanalyse 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 20242 Freie Ergänzungsstudien Master of Arts Development Economics and International Studies 20242 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 52960	Seminar: Public economics 2	5 ECTS
2	Courses / lectures	Seminar: Seminar Public Economics	-
3	Lecturers	William Dean Prof. Dr. Thiess Büttner Annalisa Tassi Dr. Boryana Madzharova	

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 20242 Freie Ergänzungsstudien Master of Arts Development Economics and International Studies 20242
10	Method of examination	<p>Written or oral Seminar paper (15 pages), presentation, class participation (incl. discussion of other participants' presentations)</p> <p><i>This is a complete examination which means that the partial achievements cannot be separated. Pursuant to Section 19 (1) (4) MPOWIWI, all partial achievements must be completed in the same semester to pass the module. As the partial achievements are connected, repeating only one partial achievement is not permitted in deviation to Section 25 (1)(2) MPOWIWI. Failing</i></p>

		<i>one partial achievement requires the entire examination to be repeated.</i>
11	Grading procedure	Written or oral (100%) Seminar paper (50%), presentation (30%), discussion (20%)
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 54324	Climate Policy	5 ECTS
2	Courses / lectures	Seminar: Climate Policy	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. Modern society grew 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 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 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 companies and 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 implementable overnight. 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 we want. And on the third hand, if such a hand exists, are ideas posing that the problem is our own consumption patterns</p>

		<p>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> <p>All seminars will take place in Lange Gasse, room 5.155, each Monday at 13.00-14.45.</p>
6	Learning objectives and skills	<p>Students successfully finishing this course have 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 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, they 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 20242</p> <p>Freie Ergänzungsstudien Master of Arts Development Economics and International Studies 20242</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

		<ul style="list-style-type: none"> 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: 40 h Independent study: 110 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 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	5 ECTS
3	Lecturers	Hannah Altenburg Prof. Dr. Markus Beckmann 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 20242 Freie Ergänzungsstudien Master of Arts Development Economics and International Studies 20242
10	Method of examination	Seminar achievement Presentation (20 minutes presentation + 10 minutes discussion) 70% and Project report (partially in group work) 30% (3.000 words)
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

1	Module name 52290	International finance	5 ECTS
2	Courses / lectures	Vorlesung: International Finance Übung: Übung zu International Finance	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 20242 Freie Ergänzungsstudien Master of Arts Development Economics and International Studies 20242 Wahlpflichtbereich Internationale Vertiefung – International Economics Master of Arts Development Economics and International Studies 20242
10	Method of examination	Written or oral (60 minutes)
11	Grading procedure	Written or oral (100%) Examination form: written exam. 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 52890	Applied econometrics	5 ECTS
2	Courses / lectures	Tutorium: TUT: Applied Econometrics (Online) Übung: Ü: Applied Econometrics Vorlesung: VL: Applied Econometrics	0 ECTS 2,5 ECTS 2,5 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 20242 Freie Ergänzungsstudien Master of Arts Development Economics and International Studies 20242	
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 54440	Issues in international political economy	5 ECTS
2	Courses / lectures	Vorlesung: Ma-Vorl: Issues in International Political Economy (IPE) (Vorlesung mit Übung)	5 ECTS
3	Lecturers	Stefan Suttner 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 20242</p> <p>Freie Ergänzungsstudien Master of Arts Development Economics and International Studies 20242</p> <p>Wahlpflichtbereich Internationale Vertiefung – International Economics Master of Arts Development Economics and International Studies 20242</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 Zweitfach Sozialkunde), core course (Pflichtbereich im Zweitfach Englisch) • Erweiterungsprüfung Berufliche Schulen/Studienfach • Wirtschaftspädagogik • Master Sozialökonomik: elective course (Wahlbereich) • Master Arbeitsmarkt und Personal: elective course (Wahlbereich)

		<ul style="list-style-type: none"> • 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 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	5 ECTS
3	Lecturers	Prof. Dr. Tobias Wolbring Dr. Sebastian Prechsl	

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	<p>The students will</p> <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 20242 Freie Ergänzungsstudien Master of Arts Development Economics and International Studies 20242	
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.
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1	Module name 45002	Seminar sustainability and environmental ethics Sustainability and environmental ethics	5 ECTS
2	Courses / lectures	Seminar: Sustainability and Environmental Ethics	5 ECTS
3	Lecturers	Prof. Dr.-Ing. Jürgen Karl Prof. Dr. Martin Hartmann	

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	Students will become familiar with important concepts of sustainability and environmental ethics and discuss current possibilities, limitations and future challenges. Students who successfully participate in this module can: <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 20242 Freie Ergänzungsstudien Master of Arts Development Economics and International Studies 20242
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).

1	Module name 53710	Foundations of international management I	5 ECTS
2	Courses / lectures	Vorlesung: Foundations of International Management I Seminar: Foundations of International Management I (1 ECTS, Seminar)	4 ECTS 1 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	no Integration in curriculum available!	
9	Module compatibility	Elective Modules Master of Arts Development Economics and International Studies 20242 Freie Ergänzungsstudien Master of Arts Development Economics and International Studies 20242 Wahlpflichtbereich Internationale Vertiefung – International Economics Master of Arts Development Economics and International Studies 20242	
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%)	
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. & Hausmann, H. (eds.) (2024). Internationalization Strategies of Firms. Case Studies from the Nürnberg Metropolitan Region. 3rd edition. Baden-Baden: Nomos.

1	Module name 38149	Technological Impact Entrepreneurship for Sustainable Development (Econ) Technological Impact Entrepreneurship for Sustainable Development - Design, Market, Impact (Econ)	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. Es besteht Anwesenheitspflicht.	
3	Lecturers	-	

4	Module coordinator	Prof. Dr. Andreas Landmann	
5	Contents	<p>This seminar brings together students from the fields of <i>Energy Systems/Power Electronics, Development Economics and Management</i>. At this intersection, students work on a technical innovation for power supply and usage in regions with acute energy poverty, develop a business model for marketing the innovation, investigate its developmental economic impact, and assess possible strategies for evaluating its impact.</p> <p>In a multidisciplinary effort and under supervision of the three involved faculties, the teams will form a fictional start-up to design and market a product or service while measuring its economic, social, and ecological impact. Possible solutions include energy generation and transmission, electricity storage and remote maintenance. However, students are encouraged to come up with own innovations. The aim is to find a marketable solution that can be sold to firms in rural areas, enabling them to apply the technology to their specific (infra)structural context, either in Europe or abroad.</p> <p>During the seminar kick-off, students will deepen their existing disciplinary knowledge to later work effectively in the multidisciplinary teams (each team has at least one member of one of the three faculties). The kick-off introduces the relevant theory to enable the students to enter more deeply through self-study. In the first four weeks of the course, the teams are supported by the respective chairs in demand-oriented online work-sessions, receiving feedback on their progress and answers to their questions within and between the academic disciplines.</p> <p>In an interim presentation, the participants can then present their progress and give and receive feedback on theory application and practical relevance of the developed solutions. The second half of the seminar allows to incorporate feedback and further develop the product/ service.</p> <p>The course ends with a final presentation (50% of the final grade), in which the proposed solution will be presented by the students and discussed with the professors. Two weeks after the final presentation,</p>	

		each team submits a project documentation (50% of the final grade), describing theory and application of their solution.
6	Learning objectives and skills	<p>Students</p> <ul style="list-style-type: none"> • Acquire and deepen knowledge of the three areas of electrical engineering (specifically power electronics in the field of renewable energy), development economics and (impact) entrepreneurship. • Get a deep dive into their own field of study but a good overview of the other two segments and understand the dependencies. • Address issues regarding the definition and measurement of economic, social and environmental impact and how these can be integrated into the corporate mission. • Learn through multidisciplinary collaboration the interdependence of decision criteria (product ↔ production ↔ energy demand and generation ↔ market entry planning ↔ business plan ↔ sustainability) • Can independently create a practice concept for an impact enterprise in cooperation with a wide variety of fields. • Can understand, describe, and compare impact entrepreneurship as an entrepreneurial problem-solving approach for social challenges. • Consider local contexts within which innovations generate impact. • Acquire argumentation competence and critical reflection in their own subject discipline and can understand socially relevant issues by combining different logics and explain them within working groups. • Develop interdisciplinary feedback competences. • Can give presentations relevant to practice. • Can process complex questions analytically and make pragmatic decisions.
7	Prerequisites	Basic knowledge in Development Economics and Research Methods
8	Integration in curriculum	semester: 2;4
9	Module compatibility	<p>Elective Modules Master of Arts Development Economics and International Studies 20242</p> <p>Freie Ergänzungsstudien Master of Arts Development Economics and International Studies 20242</p> <p>Regional Modules Master of Arts Development Economics and International Studies 20242</p>
10	Method of examination	<p>Presentation/written assignment</p> <p>Mandatory presence at the kick-off days, interim presentation and final presentation.</p> <p>Examination: Final presentation (50% of grade) and Documentation (50% of grade)</p>
11	Grading procedure	Presentation/written assignment (100%)

		Final presentation incl. discussion: 50% Documentation: 50%
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	Additional materials will be provided via StudOn and in the course.

1	Module name 52592	Quantitative methods in energy market 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. Dr. Karl Gregor Zöttl	
5	Contents	<p>It is the purpose of the course to understand and quantitatively analyse the economic interaction of the players and institutions in liberalized energy markets.</p> <p>Liberalized electricity markets can be segmented in a regulated part (the networks) and the non-regulated parts (generation and retail) where private companies interact in a market environment. The interaction of the different agents is analysed with computational equilibrium frameworks based the concepts applied in industrial organization. Next to the fundamental understanding of the relevant market interaction, the models allow for a quantitative analysis of proposals for the design of energy markets. The participants thus develop the tools for an autonomous 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>The course aims at students in the field of economics /business as well as students in the fields of engineering and mathematics. An integral part of the course id formed by homework assignments conducted in groups. The ability to cooperate 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 course.</p>	
6	Learning objectives and skills	<p>The students:</p> <ul style="list-style-type: none"> • develop a clear picture of the relevant market participants in liberalized electricity markets and understand their incentives and objectives • learn fundamental concepts and models which allow to analyze the interaction at those markets • get to know important publically available data sources which allow for a quantitative analysis of the market situations considered • know the current challenges when designing those markets and can quantitatively analyze the solutions proposed in the current policy debate. 	
7	Prerequisites	<p>The students should be familiar with the mathematical methods acquired during their Bachelor degree.</p> <p>Institutional knowledge of electricity markets is not required.</p>	
8	Integration in curriculum	semester: 2	
9	Module compatibility	Elective Modules Master of Arts Development Economics and International Studies 20242	

		Freie Ergänzungsstudien Master of Arts Development Economics and International Studies 20242
10	Method of examination	Written examination Written as in Written Assignment (Work on assignment sheets in groups of up to 3 students, approx. 15 pages) Written examination (90 minutes)
11	Grading procedure	Written examination (80%) Written (20%) as in Written Assignment (20%)
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	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 55960	Spatial economics	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. Matthias Wrede	
5	Contents	Urban Economics, Trade, Mobility, and Agglomeration, Spatial Concentration, Regional Policy	
6	Learning objectives and skills	<p>After successful completion of this course,</p> <ul style="list-style-type: none"> • Students are able to describe and to internationally compare the regional patterns of major economic activities in terms of stylized facts. • Students are able to present, interpret, and discuss selected theories in regional and urban economics. • Students are able to apply and assess selected empirical methods in spatial economics. • Students are able to assess empirical tests of selected hypotheses from theories in regional and urban economics to evaluate and critically examine their informative value. • Students are able to discuss and evaluate regional political implications of selected economic theories in regional and urban economics. • Students will assess, evaluate and discuss selected recent research papers in English. 	
7	Prerequisites	Microeconomics and Econometrics I recommended	
8	Integration in curriculum	semester: 2	
9	Module compatibility	Elective Modules Master of Arts Development Economics and International Studies 20242 Freie Ergänzungsstudien Master of Arts Development Economics and International Studies 20242	
10	Method of examination	Written examination (60 minutes) Presentation	
11	Grading procedure	Written examination (80%) Presentation (20%)	
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	Will be announced in the course.	

1	Module name 57476	Sustainability challenges in the agricultural sector in the Global South	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. The participation in the course is mandatory.	
3	Lecturers	-	

4	Module coordinator	Prof. Dr. Almut Schilling-Vacaflor del Carpio
5	Contents	<p>The agricultural sector has historically been of great importance for the geographical, social, political, and economic configuration of the countries of the Global South. This sector accounts for a considerable part of GDP, generates jobs, and is important for exports and food security. Increasingly, many areas of these countries' territories have been converted to meet the growing demand for agricultural products, such as soy, cattle and palm oil in the world market. This trend is linked to the concentration of the land and the production networks in the hands of large land-owners and multinational companies, the displacement of traditional populations, deforestation, the degradation of natural resources, the pollution of soil and water and the loss of biodiversity, among other effects.</p> <p>As various estimates predict that in 2050 the world will reach the mark of 9 billion inhabitants, with much of the growth occurring in developing countries, a further increase in production will be required in order to meet the nutritional needs of the world population. As such, reconciling agricultural production with environmental preservation and socio-economic development is one of the central challenges of the 21st century.</p> <p>This course seeks to present and discuss the structural tensions between agricultural production and the environment and the search for "sustainable development" in rural areas from the Global South, with a particular focus on Latin America and Africa, broadening the students' understanding of the relationship between agriculture, sustainability, and rural development. At the end of the course, students will be able to understand the dynamics of the agricultural sector in the Global South, the changes taking place in rural areas, and their implications for sustainability. Moreover, the students will have the opportunity to analyze and discuss strategies</p>

		and solutions to promote sustainable agricultural practices that guarantee food security, preserve natural resources, and promote the economic and social development of rural communities.
6	Learning objectives and skills	<ul style="list-style-type: none"> Identify and understand the contradictions and dilemmas in relation to the agricultural sector in the Global South. Analyze the interactions between agriculture, the environment and society Understand the changes taking place in rural areas in the Global South and their implications for sustainability. Critically analyze and discuss the concept of sustainability in the agricultural sector. Discuss strategies to promote sustainable agricultural practices that guarantee food security, preserve natural resources, and promote the economic and social development of rural communities in the Global South.
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 20242 Freie Ergänzungsstudien Master of Arts Development Economics and International Studies 20242
10	Method of examination	Written or oral
11	Grading procedure	Written or oral (100%) 1. Participation - reading of the compulsory literature is required and short reflection text (20%) 2. Presentation (40%) 3. Short written assignment (ca. 2,000 words per person; 40%).
12	Module frequency	Only in summer semester
13	Workload in clock hours	Contact hours: 26 h Independent study: 120 h
14	Module duration	1 semester
15	Teaching and examination language	english
16	Bibliography	<p>-Altieri, M. (1987). Agroecology: the scientific basis of alternative agriculture, Boulder: West- view.</p> <p>-Clapp, J. & Fuchs, D. (eds.) (2009). Corporate Power in Global Agrifood Governance. The MIT Press Cambridge, Massachusetts.</p> <p>-Du Pisani, J. A. (2006). Sustainable development–historical roots of the concept. Environmental sciences, 3(2).</p>

-Esteva, G. (2010). Development. In Sachs, W (Ed.), The development dictionary, 1-23. Zed Books.

-Martinez-Alier, J. (2003). The Environmentalism of the poor: a study of ecological conflicts and valuation. Edward Elgar Publishing.

-Monni, S, & Pallottino, M. (2015). Beyond growth and development: Buen Vivir as an alternative to current paradigms. International Journal of Environmental Policy and Decision Making, 1(3).

-Nightingale, A. J., Karlsson, L., Böhler, T., & Campbell, B. (2019). Environment and Sustainability in a Globalizing World. Routledge.

-Peet, R., Robbins, P. & Watts, M. (2011). Global political ecology. Routledge: New York.

-Pretty, J. N. (2008). Agricultural sustainability: concepts, principles and evidence. Philos. Trans. R. Soc. Lond. B Biol. Sci. v.363, 447–465.

Additional literature mentioned in the course syllabus.

1	Module name 57130	International trade and labor	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. (Vorlesung mit Übung)	
3	Lecturers	-	

4	Module coordinator	Prof. Dr. Christoph Moser
5	Contents	This module deals with the consequences of globalization for the domestic labor market and discusses the winners and losers of trade liberalization. The module focuses on the impact of international economic integration on domestic wages, jobs and inequality, in particular in Germany and the United States.
6	Learning objectives and skills	Students are made familiar with the main relevant concepts of international trade and acquire specialized knowledge of the labor market effects of trade liberalization. Students learn about key theoretical predictions, their empirical evidence and the empirical strategies to assess their relevance. The module focuses on topics at the intersection between international trade and labor.
7	Prerequisites	Recommended prerequisites: Basic knowledge of microeconomics (e.g., Varian, Hal (2014), Intermediate Microeconomics: A Modern Approach, 9th international edition) and econometrics (e.g., Wooldridge, Jeffrey (2013), Introductory Econometrics: A Modern Approach, 5th international edition).
8	Integration in curriculum	semester: 2
9	Module compatibility	Elective Modules Master of Arts Development Economics and International Studies 20242 Freie Ergänzungsstudien Master of Arts Development Economics and International Studies 20242 Wahlpflichtbereich Internationale Vertiefung – International Economics Master of Arts Development Economics and International Studies 20242 Master Economics: Specialization in Macroeconomics and Finance Master IBS: elective course (Wahlbereich): English-speaking countries; Europe Master Arbeitsmarkt und Personal: Wahlbereich Master Sozialökonomik: freier Vertiefungsbereich

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	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 38157	Global Business and Human Rights	5 ECTS
2	Courses / lectures	Seminar: Global Business and Human Rights (2.0 SWS, WiSe 2024)	-
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, the pressing issues of climate change and environmental degradation, prevalent corruption, as well as widespread and systematic human rights violations, 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 even more skeptical about the private sector and its contribution to societal welfare. Victims in countries with weak legal frameworks often lack access to justice when harmed by actions linked to multinational corporations. In 2011, the United Nations Human Rights Council adopted the UN Guiding Principles on Business and Human Rights, a set of 31 principles that clarify the State's role in protecting individuals from business-related human rights abuses. These principles also outline a framework for corporate responsibility, emphasizing the importance of respecting human rights and providing effective remedies.</p> <p>Many states have formulated national action plans on business and human rights. National jurisdictions and the European Union have introduced mandatory human rights due diligence requirements for companies, a concept detailed in the Guiding Principles. Various courts and national human rights institutions have also applied the Guiding Principles to address access to remedies for human rights abuses by transnational corporations.</p> <p>The Global Business and Human Rights (BHR) seminar examines how human rights violations can be linked to corporate activities and possible dilemmas when businesses operate in different countries. The course will focus on the practical aspects of corporate human rights due diligence, demonstrating how companies can effectively navigate human rights challenges across their global operations and supply chains. Participants will examine emerging sector-</p>

		specific and thematic issues within the human rights and business landscape, evaluating the effectiveness of current initiatives across the world.
6	Learning objectives and skills	<p>This course aims to enhance participants' understanding of how human rights concerns impact business and society.</p> <ul style="list-style-type: none"> • To understand, describe and explain key debates and concepts in business and human rights (BHR) and its relevance for corporations. • To develop familiarity with the UN Guiding Principles on Business and Human Rights, including their objectives and limitations. • To critically analyze, reflect and evaluate BHR topics, using academic research papers as well as case studies. • To understand and communicate personal values in thinking about the role of business in society.
7	Prerequisites	<p>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.</p>
8	Integration in curriculum	semester: 3
9	Module compatibility	<p>Elective Modules Master of Arts Development Economics and International Studies 20242 Freie Ergänzungsstudien Master of Arts Development Economics and International Studies 20242</p> <p>REGISTRATION AND ACCESS TO MATERIAL</p> <p>Registration for the StudOn course will be available from Friday, September 13th, 2024 until Sunday, October 11th, 2024 via the following link:</p> <p>https://www.studon.fau.de/crs4943311_join.html _</p> <p>Password: GlobalBHR_2024</p>
10	Method of examination	<p>Portfolio Written assignment</p> <p>The first session will be dedicated for introducing the topic on Business and Human Rights (BHR). This session will provide theoretical and conceptual input on BHR as well as</p>

a short refresher on qualitative research methods. Students will select an academic research paper during class, which will be presented in the second session. Students will analyze academic research articles that conceptually and empirically examine BHR, particularly in the context of developing countries. The various student presentations are supportive in selecting a seminar topic for the final presentations and papers.

If class size permits, groups will be formed in the first seminar session. These groups will choose and define their topic within the first week of the seminar. The chosen topic will be presented on **December 2nd and December 9th, 2024**. With the input and discussion received during the presentation, students will prepare a seminar paper which will be handed in by **February 16th, 2025**.

Students will be assessed in groups for the presentation as well as for the written assignment.

- Presentation: 40%
- Written Assignment: 60%

The presentation will be based on the case study of choice discussed during the seminar sessions which will lay the foundation of the written assignment. The aim of the written assignment is to examine a multinational corporation and its impact on a BHR topic. Further information on the presentation and written assignment will be provided in the first session of the seminar.

The presentation should not exceed 25 minutes and contains a maximum of 20 slides. The presentations will take place on **December 2nd and December 9th, 2024** in Room 1.055 in Erlangen. The seminar paper should follow the DEIS Guidelines (*Guidelines for Seminar Papers and Final Papers*) which is provided on the Institute Homepage or in the DEIS Information StudOn folder. Submission deadline for the seminar paper is **February 16th, 2025**.

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.

11	Grading procedure	Portfolio (40%) Written assignment (60%)
12	Module frequency	Only in winter semester

13	Workload in clock hours	Contact hours: 21 hours Independent study: 120 hours
14	Module duration	1 semester semester
15	Teaching and examination language	english
16	Bibliography	<ul style="list-style-type: none"> • Wettstein, Florian. Business and Human Rights: Ethical, Legal, and Managerial Perspectives. Cambridge: Cambridge University Press, 2022. • McCorquodale, Robert. Business and Human Rights. Oxford:Oxford University Press, 2024. • Baumann-Pauly, Dorothee and Justine Nolan. Business and Human Rights: From Principles to Practice. Routledge, 2016.

1	Module name 53720	Foundations of international management II	5 ECTS
2	Courses / lectures	Seminar: Foundations of International Management II (1 ECTS, Seminar) Vorlesung: Foundations of International Management II	1 ECTS 4 ECTS
3	Lecturers	Prof. Dr. Dirk Holtbrügge Maxim Grib	

4	Module coordinator	Prof. Dr. Dirk Holtbrügge
5	Contents	1. Organization of International Corporations 2. Human Resource Management in International Corporations 3. Public Affairs 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	Successful attendance of Foundations of International Management I English language proficiency (C1)
8	Integration in curriculum	no Integration in curriculum available!
9	Module compatibility	Elective Modules Master of Arts Development Economics and International Studies 20242 Wahlpflichtbereich Internationale Vertiefung – International Economics Master of Arts Development Economics and International Studies 20242
10	Method of examination	Presentation Report <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	Presentation (20%) Report (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	Holtbrügge, D. & Welge, M.K. (2020): International Management. Mimeo, Nürnberg (chapters 5, 6 & 8). Holtbrügge, D. & Haussmann, H. (eds.) (2024). Internationalization Strategies of Firms. Case Studies from the Nürnberg Metropolitan Region. 3rd edition. Baden-Baden: Nomos.

1	Module name 53471	Managing intercultural relations	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. Dirk Holtbrügge	
5	Contents	1. Relevance of Intercultural Management 2. Intercultural Management Research: Scope and Results 3. Manifestations and Functions of Culture 4. Concepts of Culture 5. Intercultural Communication and Negotiations 6. Culture and Management: Organization, Motivation and Leadership in Different Cultures 7. Intercultural Competence 8. Intercultural Training 9. Conclusions	
6	Learning objectives and skills	The participants understand and analyze modern theories and methods of intercultural management and apply these to practical problems. They get a detailed overview of the current state of comparative, cross-cultural, indigenous and post-colonial management research and evaluate theoretical and empirical studies in these areas. They are able to conceptualize and measure intercultural competence and to conduct and evaluate innovative methods of intercultural training. They learn about methodological challenges of intercultural management research and are able to assess its rigor and relevance.	
7	Prerequisites	English language proficiency (C1)	
8	Integration in curriculum	no Integration in curriculum available!	
9	Module compatibility	Elective Modules Master of Arts Development Economics and International Studies 20242 Wahlpflichtbereich Internationale Vertiefung – International Economics Master of Arts Development Economics and International Studies 20242	
10	Method of examination	Presentation Written <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	Presentation (20%) Written (80%)	
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	Holtbrügge, D. (2022). Intercultural Management. Concepts, Practice, Critical Reflection. Thousand Oaks: Sage.

1	Module name 57486	Energy policy instruments	5 ECTS
2	Courses / lectures	Seminar: Energy policy instruments	5 ECTS
3	Lecturers	Prof. Dr. Johan Lilliestam	

4	Module coordinator	Prof. Dr. Johan Lilliestam
5	Contents	<p>With the adoption of 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. In terms of emission reductions, one cannot say that it has gone well: globally, greenhouse gas emissions are still increasing. This is largely caused by economic growth and industrial development in emerging countries, causing a hunger for energy that is often satisfied with fossil fuels.</p> <p>In the industrialised world, however, emissions decrease (after having increased A LOT during the 20th century, of course!). In Europe, emissions have decreased by some 30% 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 very cheap 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. This is a very controversial field, both in Brussels (e.g. Green Deal vs. emissions trading!), and in national capitals (recall debates of electric car mandates vs “technology-neutrality”, or the debacle of the German heating law!). The outcome of these debates will not only determine Europe’s climate footprint, but also its industrial future: <i>HOW</i> to decarbonise energy is one of biggest issues of our time.</p> <p>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 environmental, behavioural and evolutionary economics, as well as political science. We will go far beyond the conventional economics-centred definition of “climate policy” as global treaties and carbon pricing, and look at the broad set</p>

		<p>of measures that affect the chances to decarbonise energy, with a focus on the European context and drawing lessons from successes. In this course, we will</p> <ul style="list-style-type: none"> • create 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, historical and expected future 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. <p>The course is a <i>flipped classroom</i> course, 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 and in groups 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 Nürnberg 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 students will receive written feedback, as this is essential for learning and improving presentation skills.</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 measure 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 national strategy is likely to achieve its aims, informed by knowledge of the functioning, efficiency and effectiveness of similar measures elsewhere or in the past, and can suggest alternative tools for achieving a particular energy goal. Students are able to apply knowledge about the barriers to decarbonisation in various energy sectors and the barriers addressed by specific policy measures, so as to create own proposals for decarbonisation of any energy sector or geographic context.</p>
7	Prerequisites	None
8	Integration in curriculum	semester: 1;3

9	Module compatibility	Elective Modules Master of Arts Development Economics and International Studies 20242 Freie Ergänzungsstudien Master of Arts Development Economics and International Studies 20242
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. This 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"> • <ul style="list-style-type: none"> ◦ Michael Grubb (2014): <i>Planetary Economics</i>, Routledge. • <ul style="list-style-type: none"> ◦ Reading list and texts will be provided when the semester starts. • <ul style="list-style-type: none"> ◦ 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.

1	Module name 57485	Project course: Building sustainable industry in Europe	5 ECTS
2	Courses / lectures	Projektseminar: Project course: Building sustainable industry in Europe	5 ECTS
3	Lecturers	Ioannis Milioritsas Aksornchan Chaianong Silvia Weko	

4	Module coordinator	Aksornchan Chaianong Silvia Weko
5	Contents	<p>How can European businesses develop globally competitive industries for sustainable technologies? While European firms have a head start in the “green race”, some companies and policymakers are concerned about growing competition from China, and from the US for products like electric vehicles, solar panels, batteries and more. Increasingly, governments are supporting the development of the electric vehicle industry in Europe. At the same time, there is a need to quickly decarbonize our energy systems, especially for transportation which remains heavily fossil-fuel based to address the dangerous impacts of climate change. Therefore, policies to encourage consumers to buy and use electric vehicles are also prevalent. In some cases, these different goals could come into conflict – for example, if it is cheaper to decarbonize European transport by purchasing cheaper Chinese electric vehicles.</p> <p>This course explores how European governments are supporting the transition to electric vehicles. Students will develop a research project which analyzes whether policy support is helping to both build local business and/or encourage decarbonization of the transportation sector.</p> <p>The aim of your research project will be to analyze whether support for the electric vehicle industry is effective. Once you have answered whether this policy support is effective, you will use your analysis to provide policy recommendations to your country of study.</p> <p>This will include the following steps:</p> <ul style="list-style-type: none"> • Gather information on past and current support measures for the electric vehicle industry • Perform basic descriptive statistical analysis of this data • Deliver insights on these policies' impacts on consumer purchases of electric vehicles and on electric vehicle manufacturing and innovation

		<ul style="list-style-type: none"> • Provide evidence-based policy recommendations to the EU and European countries <p>You do not need to have a background in data analysis or policy analysis to take this course. Once you have gathered your policy data, we will provide hands-on training in descriptive statistical analysis. We then offer training in either qualitative or quantitative methods, which you will use for your project report.</p> <p>The research approach and methods will be taught in two full-day blocks (on Fridays). Students must attend these classes to learn how to complete the resesarch project.</p>
6	Learning objectives and skills	<p>By the end of this course, students will be able to:</p> <ul style="list-style-type: none"> • Explain basic facts about electric vehicles manufacturing and use • List policies that can influence industry development and technology adoption • Apply theories about industrial policy to the case of the electric vehicle industry • Develop hypotheses about how policy support may influence industry development and technology adoption • Categorize and assess the contents of support policies • Analyze the impact of support policies on electric vehicle adoption and industry development • Create policy recommendations for how the transition to electric mobility can be accelerated • Effectively communicate policy recommendations
7	Prerequisites	Good command of English, and commitment to attend all classes.
8	Integration in curriculum	no Integration in curriculum available!
9	Module compatibility	<p>Elective Modules Master of Arts Development Economics and International Studies 20242</p> <p>Freie Ergänzungsstudien Master of Arts Development Economics and International Studies 20242</p> <p>This course is only offered during the Winter Semester 2024.</p>
10	Method of examination	Written or oral
11	Grading procedure	<p>Written or oral (100%)</p> <p>The grade is based on a student presentation (50%) and a project report (50%).</p>
12	Module frequency	Irregular
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

1	Module name 57481	Energy transition analysis: Bridging techno-economic, business, and policy perspectives	5 ECTS
2	Courses / lectures	Vorlesung mit Übung: Energy transition analysis: Bridging techno-economic, business, and policy perspectives	5 ECTS
3	Lecturers	Ioannis Milioritsas Aksornchan Chaianong	

4	Module coordinator	Aksornchan Chaianong	
5	Contents	<p>The energy sector is undergoing a deep transformation driven by technological innovation, market dynamics, and policy interventions. This course will provide a comprehensive interdisciplinary analysis of the energy transition, focusing on the interactions between techno-economic, business models/markets, and policy analysis.</p> <p>Through lectures and exercises, students will learn how to assess the economic feasibility, business model/market potential, and policy impacts/implications of different clean energy projects, such as (but not limited to) renewable energy, energy storage, and hydrogen. Topics included are listed below.</p> <ul style="list-style-type: none"> • Techno-economic analysis: principles of costs and benefits, financial modeling, and investment analysis of a particular clean energy project. • Business model/market analysis: business models, market opportunities and challenges, and potential barriers to adoption. • Policy evaluation: impacts of the policy instruments on the project feasibility and investment attractiveness. <p>The course will also emphasize the application of analytical tools to real-world case studies, enabling students to understand how to combine these tools effectively for energy transition assessment. At the end, we will discuss how to derive policy recommendations based on the evaluation results.</p>	
6	Learning objectives and skills	<p>At the end of the course, the students are able to:</p> <ul style="list-style-type: none"> • Develop a deep understanding of the multifaceted nature of the energy transition. • Conduct an energy transition analysis from interdisciplinary perspectives, considering techno-economic factors, market dynamics, and policy implications. • Apply/combine concepts and tools to solve real-world problems related to clean energy adoption in different contexts. • Formulate policy recommendations to address challenges and opportunities in the energy transition. 	
7	Prerequisites	Good command of English (written and spoken).	

8	Integration in curriculum	no Integration in curriculum available!
9	Module compatibility	Elective Modules Master of Arts Development Economics and International Studies 20242 Freie Ergänzungsstudien Master of Arts Development Economics and International Studies 20242 Elective outside WiSo for Energy Technology and Clean Energy Processes.
10	Method of examination	Written or oral One <i>individual seminar paper</i> (max. 5,000 words) <ul style="list-style-type: none"> Each student must choose at least one clean energy project in a specific area/country to be covered in the paper. They must develop arguments based on three perspectives (techno-economic, business/market, and policy) discussed in the class to show whether this area/country should adopt this project and what the actionable insights and policy recommendations would be. One <i>individual 15-minute presentation</i> during the classes <ul style="list-style-type: none"> Each student must present their work in progress on the seminar paper. They must present the results from at least one (out of three) of the abovementioned perspectives. Moreover, they are required to briefly talk about their plans to approach the remaining analysis perspectives.
11	Grading procedure	Written or oral (100%) Seminar paper (60%) Presentation (40%)
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	Will be announced during the course.

Free electives

1	Module name 57481	Energy transition analysis: Bridging techno-economic, business, and policy perspectives	5 ECTS
2	Courses / lectures	Vorlesung mit Übung: Energy transition analysis: Bridging techno-economic, business, and policy perspectives	5 ECTS
3	Lecturers	Ioannis Milioritsas Aksornchan Chaianong	

4	Module coordinator	Aksornchan Chaianong	
5	Contents	<p>The energy sector is undergoing a deep transformation driven by technological innovation, market dynamics, and policy interventions. This course will provide a comprehensive interdisciplinary analysis of the energy transition, focusing on the interactions between techno-economic, business models/markets, and policy analysis.</p> <p>Through lectures and exercises, students will learn how to assess the economic feasibility, business model/market potential, and policy impacts/implications of different clean energy projects, such as (but not limited to) renewable energy, energy storage, and hydrogen. Topics included are listed below.</p> <ul style="list-style-type: none"> • Techno-economic analysis: principles of costs and benefits, financial modeling, and investment analysis of a particular clean energy project. • Business model/market analysis: business models, market opportunities and challenges, and potential barriers to adoption. • Policy evaluation: impacts of the policy instruments on the project feasibility and investment attractiveness. <p>The course will also emphasize the application of analytical tools to real-world case studies, enabling students to understand how to combine these tools effectively for energy transition assessment. At the end, we will discuss how to derive policy recommendations based on the evaluation results.</p>	
6	Learning objectives and skills	<p>At the end of the course, the students are able to:</p> <ul style="list-style-type: none"> • Develop a deep understanding of the multifaceted nature of the energy transition. • Conduct an energy transition analysis from interdisciplinary perspectives, considering techno-economic factors, market dynamics, and policy implications. • Apply/combine concepts and tools to solve real-world problems related to clean energy adoption in different contexts. • Formulate policy recommendations to address challenges and opportunities in the energy transition. 	
7	Prerequisites	Good command of English (written and spoken).	

8	Integration in curriculum	no Integration in curriculum available!
9	Module compatibility	Elective Modules Master of Arts Development Economics and International Studies 20242 Freie Ergänzungsstudien Master of Arts Development Economics and International Studies 20242 Elective outside WiSo for Energy Technology and Clean Energy Processes.
10	Method of examination	Written or oral One <i>individual seminar paper</i> (max. 5,000 words) <ul style="list-style-type: none"> Each student must choose at least one clean energy project in a specific area/country to be covered in the paper. They must develop arguments based on three perspectives (techno-economic, business/market, and policy) discussed in the class to show whether this area/country should adopt this project and what the actionable insights and policy recommendations would be. One <i>individual 15-minute presentation</i> during the classes <ul style="list-style-type: none"> Each student must present their work in progress on the seminar paper. They must present the results from at least one (out of three) of the abovementioned perspectives. Moreover, they are required to briefly talk about their plans to approach the remaining analysis perspectives.
11	Grading procedure	Written or oral (100%) Seminar paper (60%) Presentation (40%)
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	Will be announced during the course.

1	Module name 57485	Project course: Building sustainable industry in Europe	5 ECTS
2	Courses / lectures	Projektseminar: Project course: Building sustainable industry in Europe	5 ECTS
3	Lecturers	Ioannis Milioritsas Aksornchan Chaianong Silvia Weko	

4	Module coordinator	Aksornchan Chaianong Silvia Weko
5	Contents	<p>How can European businesses develop globally competitive industries for sustainable technologies? While European firms have a head start in the “green race”, some companies and policymakers are concerned about growing competition from China, and from the US for products like electric vehicles, solar panels, batteries and more. Increasingly, governments are supporting the development of the electric vehicle industry in Europe. At the same time, there is a need to quickly decarbonize our energy systems, especially for transportation which remains heavily fossil-fuel based to address the dangerous impacts of climate change. Therefore, policies to encourage consumers to buy and use electric vehicles are also prevalent. In some cases, these different goals could come into conflict – for example, if it is cheaper to decarbonize European transport by purchasing cheaper Chinese electric vehicles.</p> <p>This course explores how European governments are supporting the transition to electric vehicles. Students will develop a research project which analyzes whether policy support is helping to both build local business and/or encourage decarbonization of the transportation sector.</p> <p>The aim of your research project will be to analyze whether support for the electric vehicle industry is effective. Once you have answered whether this policy support is effective, you will use your analysis to provide policy recommendations to your country of study.</p> <p>This will include the following steps:</p> <ul style="list-style-type: none"> • Gather information on past and current support measures for the electric vehicle industry • Perform basic descriptive statistical analysis of this data • Deliver insights on these policies' impacts on consumer purchases of electric vehicles and on electric vehicle manufacturing and innovation

		<ul style="list-style-type: none"> • Provide evidence-based policy recommendations to the EU and European countries <p>You do not need to have a background in data analysis or policy analysis to take this course. Once you have gathered your policy data, we will provide hands-on training in descriptive statistical analysis. We then offer training in either qualitative or quantitative methods, which you will use for your project report.</p> <p>The research approach and methods will be taught in two full-day blocks (on Fridays). Students must attend these classes to learn how to complete the resesarch project.</p>
6	Learning objectives and skills	<p>By the end of this course, students will be able to:</p> <ul style="list-style-type: none"> • Explain basic facts about electric vehicles manufacturing and use • List policies that can influence industry development and technology adoption • Apply theories about industrial policy to the case of the electric vehicle industry • Develop hypotheses about how policy support may influence industry development and technology adoption • Categorize and assess the contents of support policies • Analyze the impact of support policies on electric vehicle adoption and industry development • Create policy recommendations for how the transition to electric mobility can be accelerated • Effectively communicate policy recommendations
7	Prerequisites	Good command of English, and commitment to attend all classes.
8	Integration in curriculum	no Integration in curriculum available!
9	Module compatibility	<p>Elective Modules Master of Arts Development Economics and International Studies 20242</p> <p>Freie Ergänzungsstudien Master of Arts Development Economics and International Studies 20242</p> <p>This course is only offered during the Winter Semester 2024.</p>
10	Method of examination	Written or oral
11	Grading procedure	<p>Written or oral (100%)</p> <p>The grade is based on a student presentation (50%) and a project report (50%).</p>
12	Module frequency	Irregular
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

1	Module name 75644	Basismodul Außereuropäische Regionen II Basic module: Non-European politics II	5 ECTS
2	Courses / lectures	Proseminar: Bevölkerungsentwicklung und Bevölkerungspolitik im Nahen Osten Proseminar: Populismus und Demokratie in Asien Proseminar: Torture, Corporal Punishment and Death Penalty in the Middle East Ja	- - -
3	Lecturers	Philipp Winkler Prof. Dr. Marco Bünte	

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 20242 Freie Ergänzungsstudien Master of Arts Development Economics and International Studies 20242 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 53212	Macroeconomics: Business cycles	5 ECTS
2	Courses / lectures	Übung: Übung Macroeconomics: Business Cycles (Makro I)	2,5 ECTS
		Übung: Computer Übung Macroeconomics: Business Cycles	-
		Vorlesung: Macroeconomics: Business Cycles (Makro I)	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	<p>Students</p> <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	<p>Elective Modules Master of Arts Development Economics and International Studies 20242</p> <p>Freie Ergänzungsstudien Master of Arts Development Economics and International Studies 20242</p> <p>Wahlpflichtbereich Internationale Vertiefung – International Economics Master of Arts Development Economics and International Studies 20242</p>
10	Method of examination	Written examination (60 minutes)
11	Grading procedure	<p>Written examination (100%)</p> <p>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.</p>
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.

1	Module name 53055	Panel and evaluation methods	5 ECTS
2	Courses / lectures	Vorlesung: Panel- and Evaluation Methods Übung: Panel- and Evaluation Methods (PEV)-Übung Tutorium: Panel- and Evaluation Methods-Tutorium Übung: Panel- and Evaluation Methods Softskills (voluntary)	5 ECTS - - -
3	Lecturers	Dr. Selina Gangl	

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 20242 Freie Ergänzungsstudien Master of Arts Development Economics and International Studies 20242
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	Wooldridge, J.M., 2010, Econometric Analysis of Cross Section and Panel Data, 2.ed., MIT Press.

Greene, William H., 2020, *Econometric Analysis*, 8. ed., Pearson, New Jersey

Cameron, C.A. and P.K. Trivedi, 2005, *Microeconometrics. Methods and Applications*, Cambridge University Press

Angrist, J. and J.-S. Pischke, 2009, *Mostly Harmless Econometrics*, Princeton University Press, Princeton, and Oxford.

Verbeek, M., 2017, *A Guide to Modern Econometrics*, 5. ed., Wiley.

1	Module name 56780	Business ethics and corporate social responsibility Sustainability management, business ethics and corporate social responsibility	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. 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 20242 Freie Ergänzungsstudien Master of Arts Development Economics and International Studies 20242	
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 53285	Empirical environmental economics	5 ECTS
2	Courses / lectures	Vorlesung: Empirical Environmental Economics	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 20242 Freie Ergänzungsstudien Master of Arts Development Economics and International Studies 20242	
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: 30 h Independent study: 120 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 52990	Seminar energy markets	5 ECTS
2	Courses / lectures	Seminar: Seminar Energy Markets	5 ECTS
3	Lecturers	Prof. Dr. Karl Gregor Zöttl	

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 Quantitative Methods in Energy Market Modelling Empirical Environmental Economics</p>
8	Integration in curriculum	semester: 2

9	Module compatibility	Elective Modules Master of Arts Development Economics and International Studies 20242 Freie Ergänzungsstudien Master of Arts Development Economics and International Studies 20242 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 57176	Semiparametric methods in econometrics and applications	5 ECTS
2	Courses / lectures	Vorlesung mit Übung: Semiparametric Methods in Econometrics and Applications (2 SWS)	5 ECTS
3	Lecturers	Prof. Bernd Fitzenberger Julia Holleitner	

4	Module coordinator	Prof. Bernd Fitzenberger Julia Holleitner	
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 think of regression as modelling conditional expectations and features of conditional distribution • learn 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 introductory econometrics module („Applied Econometrics“ or “Ökonometrie”) (mandatory) and a further course (recommended) in microeconometrics such as "Panel and Evaluation Methods" or "Microeconometrics and Machine Learning".	
8	Integration in curriculum	semester: 1	
9	Module compatibility	Elective Modules Master of Arts Development Economics and International Studies 20242 Freie Ergänzungsstudien Master of Arts Development Economics and International Studies 20242	
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 53231	Mathematics for economists	5 ECTS
2	Courses / lectures	Übung: Mathematics for Economists (Übung) Vorlesung: Mathematics for Economists (Vorlesung)	0 ECTS 5 ECTS
3	Lecturers	Dr. Ricardo Correa da Silva	

4	Module coordinator	Dr. Ricardo Correa da Silva
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 20242 Freie Ergänzungsstudien Master of Arts Development Economics and International Studies 20242
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 Übung: Microeconomics (Master) Exercise	4 ECTS 1 ECTS
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 20242 Freie Ergänzungsstudien Master of Arts Development Economics and International Studies 20242
10	Method of examination	Presentation (20 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: 90 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 57453	Branchen- und themenspezifisches Nachhaltigkeitsmanagement Industry and issue specific sustainability management	5 ECTS
2	Courses / lectures	Seminar: Perspektiven des Nachhaltigkeitsmanagements - ein Debattierseminar Es besteht Anwesenheitspflicht.	5 ECTS
3	Lecturers	Julia Pompe Katrin Schwarzfischer	

4	Module coordinator	Prof. Dr. Markus Beckmann	
5	Contents	<p>Das Debattier-Seminar „Perspektiven des Nachhaltigkeitsmanagements“ soll die Kompetenzen der Studierenden zur kritischen Reflektion mittels Nachhaltigkeitsdebatten und der Nutzung von KI bei der Meinungsbildung stärken.</p> <p>Im Seminar definieren wir zunächst mit dem Klimawandel-Simulations-Tools „EnRoads“, welche Themen für eine nachhaltige Entwicklung besonders relevant sind. Wir zeigen anhand von „EnRoads“ und systemtheoretischer Einordnungen, dass vermeintlich „einfache“ Lösungen oft komplizierter sind und systemisch betrachtet werden müssen. Anhand des Klimasimulators werden vier Themenkomplexe abgeleitet, die für eine nachhaltige Entwicklung besonders relevant, aber auch ambivalent diskutiert werden: Kreislaufwirtschaft, Ausbau erneuerbarer Energien, CO2-Preis, Growth vs. Green Growth. Zu diesen Themen werden wissenschaftlich fundierte Grundlagen, auch über Gastvorträge, vermittelt.</p> <p>Zur Entwicklung verschiedener Themen-Perspektiven kreieren wir Rollen, die gegensätzliche Positionen zu den polarisierenden Themen haben können (z.B. für das Thema „Ausbau erneuerbarer Energien“ eine liberale Wirtschaftsministerin, ein Rentner mit Ölheizung im Eigenheim, eine Geschäftsführerin eines mittelständischen Unternehmens, eine Nachhaltigkeitsmanagerin in einem internationalen Konzern). Die Studierenden werden zufällig einer Rolle zugeteilt und bereiten Argumente für die zu dieser Rolle passende Position vor. Diese Argumente sollen ausdrücklich mithilfe von ChatGPT und SciteAI recherchiert, aber auch in Social Media gesucht werden. Im Stil eines Debattierclubs diskutieren die Studierenden in ihrer Rolle über eines der Themen. Dazu werden im Vorfeld Methodiken des Debattierens und der Rhetorik vermittelt.</p> <p>Neben der Debattenleistung sollen Studierende ihr Diskussionsthema in einem Reflexionsbericht unter Verwendung wissenschaftlicher Literatur einordnen.</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 unterschiedlichen Perspektiven zu analysieren und zu reflektieren; 	

		<ul style="list-style-type: none"> • methodisch fundierte und strukturierte Debatten zu führen; • ihre wissenschaftlichen Forschungskompetenzen anzuwenden; • KI-Tools kritisch und konstruktiv anzuwenden; • Soft Skills wie strukturierte Teamarbeit und professionelle Präsentationen anzuwenden.
7	Prerequisites	<ul style="list-style-type: none"> • Bereits besuchte Kurse zum Nachhaltigkeitsmanagement sind von Vorteil; • Bereitschaft zur aktiven Teilnahme an Diskussionsformaten; • Interesse an aktuellen und auch kontroversen Nachhaltigkeitsthemen; • Bereitschaft zum Perspektivwechsel und damit verbundene Einnahme verschiedener Rollen; • Motivation zur selbständigen Arbeit in einem Team.
8	Integration in curriculum	semester: 3;1;5;7
9	Module compatibility	Elective Modules Master of Arts Development Economics and International Studies 20242 Freie Ergänzungsstudien Master of Arts Development Economics and International Studies 20242
10	Method of examination	Presentation Written Analyse eines aktuellen, kontroversen Nachhaltigkeitsthemas; Vorbereitung einer dazugehörigen, legitimen Position; Darlegung dieser in einem Debattierformat. Zusammenfassende Reflexion der Debatte im Nachgang.
11	Grading procedure	Presentation (70%) Written (30%) Dies entspricht einem Diskussionsbeitrag (70%) und einem Reflexionsbericht (30%).
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	german
16	Bibliography	Alle notwendigen Materialien werden über StudOn zur Verfügung gestellt.

1	Module name 38125	International Migration	5 ECTS
2	Courses / lectures	Masterseminar: International Migration (2.0 SWS, WiSe 2024) Attendance is mandatory.	-
3	Lecturers	apl. Prof. Dr. Daniel Gossel	

4	Module coordinator	apl. Prof. Dr. Daniel Gossel
5	Contents	<ul style="list-style-type: none"> • Definitions, categories, and concepts related to the study of international migration • Theoretical and historical perspectives on migration and ethnic diversity • Long-term and short-term trends in global migration • Overviews of migration in major world regions • Politics and policies of migration • Effects of migration upon societies
6	Learning objectives and skills	<p>This seminar aims to attract students to the subject of international migration. Migration is an intrinsic part of the history of mankind, but in the current age of globalization it is of ever-growing political salience. Migration has major impacts on sending and receiving societies, therefore is important to analyse these processes as part of societal transformation.</p> <p>Subject-specific skills:</p> <ul style="list-style-type: none"> • Students reflect theoretical and terminological concepts and acquire specialized and in-depth knowledge on a range of specific topics related to international migration. • Students apply policy analysis and conduct in-depth research (independently or in pairs) to examine complex dynamics driving international migratory movements and evaluate impacts on various socio-economic variables. • Students develop independent ideas to explain flow, patterns, and structures of international migration. • Students can focus on a specific region. <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, analysing and interpreting documents and academic literature related to the research questions to better understand the drivers, barriers and impacts of international migration on a range of variables. • Students plan and implement the research project in new and interdisciplinary contexts. • Students apply academic standards for structuring, 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 academic 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 co-operative behaviour. • Students communicate clearly and respectfully their arguments and points of view in classroom. • Students give fellow students constructive feedback on their seminar papers and presentations.
7	Prerequisites	None
8	Integration in curriculum	semester: 3;1
9	Module compatibility	<p>Elective Modules Master of Arts Development Economics and International Studies 20242</p> <p>Freie Ergänzungsstudien Master of Arts Development Economics and International Studies 20242</p> <p>Regional Modules Master of Arts Development Economics and International Studies 20242</p> <p>Elective Module, Elective Complementary Module, Regional Module, M.A. Development Economics and International Studies</p>
10	Method of examination	<p>Presentation/written assignment</p> <p>Written assignment (15 pages) and presentation (30-40 minutes)</p>
11	Grading procedure	<p>Presentation/written assignment (100%)</p> <p>Written assignment (67 %) and presentation (33 %).</p>
12	Module frequency	<p>Every fourth semester</p> <p>Offered every two years</p>
13	Workload in clock hours	<p>Contact hours: 30 hours</p> <p>Independent study: 120 hours</p>
14	Module duration	1 Semester semester
15	Teaching and examination language	english
16	Bibliography	<p>Hein de Haas/Stephen Castles/Mark J. Miller (2020), <i>The Age of Migration. International Population Movements in the World</i>, 6th Edition, Bloomsbury</p> <p>James F. Hollifield/Neil Foley (Eds., 2022), <i>Understanding Global Migration</i>, Stanford University Press</p> <p>Hein de Haas (2023), <i>How Migration Really Works. A Factual Guide to the Most Divisive Issue in Politics</i>, Penguin/Viking</p>

1	Module name 38127	Development Policy	5 ECTS
2	Courses / lectures	Masterseminar: Development Economics and Policy 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 20242 Freie Ergänzungsstudien Master of Arts Development Economics and International Studies 20242	
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 38128	Workshop Computable General Equilibrium Modelling	5 ECTS
2	Courses / lectures	Kombiseminar: Workshop Computable General Equilibrium Modelling	5 ECTS
3	Lecturers	Prof. Jürgen Kähler	

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 20242 Freie Ergänzungsstudien Master of Arts Development Economics and International Studies 20242 Elective or elective complementary module for MA DEIS</p>	

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.

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

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 20242 Freie Ergänzungsstudien Master of Arts Development Economics and International Studies 20242 Regional Modules Master of Arts Development Economics and International Studies 20242 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 38129	International Political Economy	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. Es besteht Anwesenheitspflicht.	
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 20242 Freie Ergänzungsstudien Master of Arts Development Economics and International Studies 20242
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**

- Dreher, A., & Lang, V. F. (2019). The political economy of international organizations. *The Oxford Handbook of Public Choice*, 2, 607-652.
- Vreeland, James Raymond (2019): Corrupting International Organizations. In: *Annu. Rev. Polit. Sci.* 22 (1), S. 205–222.
- Atkin, David; Khandelwal, Amit K. (2020): How Distortions Alter the Impacts of International Trade in Developing Countries. In: *Annu. Rev. Econ.* 12 (1), S. 213–238.
- Felbermayr, Gabriel, et al. "Understanding economic sanctions: Interdisciplinary perspectives on theory and evidence." *European Economic Review* 135 (2021): 103720.
- Rodrik, Dani (2021): Why Does Globalization Fuel Populism? Economics, Culture, and the Rise of Right-Wing Populism. In: *Annu. Rev. Econ.* 13 (1), S. 133–170.

Further literature will be indicated in the course and via StudOn.

1	Module name 38137	Statistics Refresher Course	5 ECTS
2	Courses / lectures	Vorlesung mit Übung: Statistics: Refresher Course keine	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 20242 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 38138	Social Health Protection in South and East Asia	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. Es besteht Anwesenheitspflicht.	
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	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.
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 20242</p> <p>Freie Ergänzungsstudien Master of Arts Development Economics and International Studies 20242</p> <p>Regional Modules Master of Arts Development Economics and International Studies 20242</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 38139	Economic History and Development of Europe and the Middle East	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. Es besteht Anwesenheitspflicht.	
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 20242 Freie Ergänzungsstudien Master of Arts Development Economics and International Studies 20242 Regional Modules Master of Arts Development Economics and International Studies 20242
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>

1	Module name 38140	International Monetary Economics International Monetary Economics	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>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 20242</p> <p>Freie Ergänzungsstudien Master of Arts Development Economics and International Studies 20242</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	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	<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 38142	Business and Society Business & Society	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. Es besteht Anwesenheitspflicht.	
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).

		<ul style="list-style-type: none"> • Students reflect and evaluate the different theoretical approaches that explain the particularities of the business and society relationships in Africa or Latin America. • 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	<p>Elective Modules Master of Arts Development Economics and International Studies 20242</p> <p>Freie Ergänzungsstudien Master of Arts Development Economics and International Studies 20242</p> <p>Regional Modules Master of Arts Development Economics and International Studies 20242</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	<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"> • 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 38136	Introduction to Stata	2,5 ECTS
2	Courses / lectures	Seminar: Introduction to STATA	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 20242 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	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">• Baum (2006) An Introduction to Modern Econometrics Using Stata.• Mitchell (2004) A Visual Guide to Stata Graphics.

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. Es besteht Anwesenheitspflicht.	
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 20242 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	Irregular
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 38143	Academic Research and Writing (MA DEIS)	2,5 ECTS
2	Courses / lectures	Tutorium: Academic Research and Writing (MA DEIS) Es besteht Anwesenheitspflicht.	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 20242
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.

- Clouse, Barbara Fine. *Patterns for A Purpose: A Rhetorical Reader* 5th ed. New York: McGraw Hill Higher Education, 2009.
- Day, Susan, Robert Funk, and Elizabeth McMahan. *Literature and the Writing Process*. 9th ed. Upper Saddle River: Prentice Hall, 2011.
- Soles, Derek. *The Essentials of Academic Writing*. Boston: Houghton Mifflin, 2005

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. Es besteht Anwesenheitspflicht.	
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 20242 Freie Ergänzungsstudien Master of Arts Development Economics and International Studies 20242

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	Irregular
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 38135	Risk, Insurance and Climate Change	5 ECTS
2	Courses / lectures	Vorlesung mit Übung: Risk, Insurance, and Climate Change	5 ECTS
3	Lecturers	Prof. Dr. Andreas Landmann	

4	Module coordinator	Prof. Dr. Andreas Landmann	
5	Contents	<p>1. Introduction: Importance of Risk & Insurance, and their Relation to Climate Change</p> <p>2. Risk and Uncertainty: The Economic Concept, Models of Behavior and Measurement</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. Climate Models: Future Risks & Uncertainty created by Climate Change</p> <p>7. Insurance against Risks created by Climate Change</p> <p>If possible, the lecture 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 have a basic understanding of 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). They understand how climate change affects the distribution of risks and are aware of the potential & challenges of insurance mechanisms to protect people from those.</p>	
7	Prerequisites	Basic microeconomics and statistics knowledge is strongly recommended	
8	Integration in curriculum	semester: 3;1	
9	Module compatibility	<p>Elective Modules Master of Arts Development Economics and International Studies 20242</p> <p>Freie Ergänzungsstudien Master of Arts Development Economics and International Studies 20242</p>	
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	<p>Contact hours: 42 h</p> <p>Independent study: 108 h</p>	

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 McMorrow. 2013. Insurance and Behavioral Economics: Improving Decisions in the Most Misunderstood Industry. Cambridge: Cambridge University Press. doi:10.1017/CBO9781139050319. • Literature specifically related to the topic of climate change will be distributed during the course.

1	Module name 38146	Sustainability Issues in International Economic Relations: emphasis on Latin America	2,5 ECTS
2	Courses / lectures	No courses / lectures available for this module! Es besteht Anwesenheitspflicht.	
3	Lecturers	No lecturers available since there are no courses / lectures for this module!	

4	Module coordinator	Prof. Jürgen Kähler
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	Freie Ergänzungsstudien Master of Arts Development Economics and International Studies 20242
10	Method of examination	Written or oral
11	Grading procedure	Written or oral (100%)
12	Module frequency	Irregular
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 38147	Economic Mechanisms of International Integration	2,5 ECTS
2	Courses / lectures	No courses / lectures available for this module! Es besteht Anwesenheitspflicht.	
3	Lecturers	No lecturers available since there are no courses / lectures for this module!	

4	Module coordinator	Prof. Jürgen Kähler
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	Freie Ergänzungsstudien Master of Arts Development Economics and International Studies 20242
10	Method of examination	Written or oral
11	Grading procedure	Written or oral (100%)
12	Module frequency	Irregular
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 38148	Migration; Urbanization and Development in Africa	2,5 ECTS
2	Courses / lectures	No courses / lectures available for this module! Es besteht Anwesenheitspflicht.	
3	Lecturers	No lecturers available since there are no courses / lectures for this module!	

4	Module coordinator	Prof. Jürgen Kähler
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	Freie Ergänzungsstudien Master of Arts Development Economics and International Studies 20242
10	Method of examination	Presentation and written assignment
11	Grading procedure	Presentation and written assignment (0%)
12	Module frequency	Irregular
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	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. 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 20242 Freie Ergänzungsstudien Master of Arts Development Economics and International Studies 20242	
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.	

Tsay, R.S. (2005), Analysis of Financial Time Series, 2nd edition, Wiley.
(alternatively 3rd edition from 2010).

Verbeek, M. (2008), A Guide to Modern Econometrics,, 3rd edition,
Wiley.

1	Module name 52130	Sustainability management and corporate functions	5 ECTS
2	Courses / lectures	Vorlesung: Advanced Sustainability Management and Corporate Functions Übung: Advanced Sustainability Management and Corporate Functions	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>Elective Modules Master of Arts Development Economics and International Studies 20242</p> <p>Freie Ergänzungsstudien Master of Arts Development Economics and International Studies 20242</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	<p>Contact hours: 45 h</p> <p>Independent study: 105 h</p>	

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

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 20242 Freie Ergänzungsstudien Master of Arts Development Economics and International Studies 20242
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 52960	Seminar: Public economics 2	5 ECTS
2	Courses / lectures	Seminar: Seminar Public Economics	-
3	Lecturers	William Dean Prof. Dr. Thiess Büttner Annalisa Tassi Dr. Boryana Madzharova	

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 20242 Freie Ergänzungsstudien Master of Arts Development Economics and International Studies 20242
10	Method of examination	<p>Written or oral Seminar paper (15 pages), presentation, class participation (incl. discussion of other participants' presentations)</p> <p><i>This is a complete examination which means that the partial achievements cannot be separated. Pursuant to Section 19 (1) (4) MPOWIWI, all partial achievements must be completed in the same semester to pass the module. As the partial achievements are connected, repeating only one partial achievement is not permitted in deviation to Section 25 (1)(2) MPOWIWI. Failing</i></p>

		<i>one partial achievement requires the entire examination to be repeated.</i>
11	Grading procedure	Written or oral (100%) Seminar paper (50%), presentation (30%), discussion (20%)
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 54324	Climate Policy	5 ECTS
2	Courses / lectures	Seminar: Climate Policy	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. Modern society grew 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 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 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 companies and 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 implementable overnight. 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 we want. And on the third hand, if such a hand exists, are ideas posing that the problem is our own consumption patterns</p>

		<p>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> <p>All seminars will take place in Lange Gasse, room 5.155, each Monday at 13.00-14.45.</p>
6	Learning objectives and skills	<p>Students successfully finishing this course have 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 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, they 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 20242</p> <p>Freie Ergänzungsstudien Master of Arts Development Economics and International Studies 20242</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

		<ul style="list-style-type: none"> 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: 40 h Independent study: 110 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 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	5 ECTS
3	Lecturers	Hannah Altenburg Prof. Dr. Markus Beckmann 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 20242 Freie Ergänzungsstudien Master of Arts Development Economics and International Studies 20242
10	Method of examination	Seminar achievement Presentation (20 minutes presentation + 10 minutes discussion) 70% and Project report (partially in group work) 30% (3.000 words)
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

1	Module name 52290	International finance	5 ECTS
2	Courses / lectures	Vorlesung: International Finance Übung: Übung zu International Finance	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 20242 Freie Ergänzungsstudien Master of Arts Development Economics and International Studies 20242 Wahlpflichtbereich Internationale Vertiefung – International Economics Master of Arts Development Economics and International Studies 20242
10	Method of examination	Written or oral (60 minutes)
11	Grading procedure	Written or oral (100%) Examination form: written exam. 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 52890	Applied econometrics	5 ECTS
2	Courses / lectures	Tutorium: TUT: Applied Econometrics (Online) Übung: Ü: Applied Econometrics Vorlesung: VL: Applied Econometrics	0 ECTS 2,5 ECTS 2,5 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 20242 Freie Ergänzungsstudien Master of Arts Development Economics and International Studies 20242	
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 54440	Issues in international political economy	5 ECTS
2	Courses / lectures	Vorlesung: Ma-Vorl: Issues in International Political Economy (IPE) (Vorlesung mit Übung)	5 ECTS
3	Lecturers	Stefan Suttner 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 20242</p> <p>Freie Ergänzungsstudien Master of Arts Development Economics and International Studies 20242</p> <p>Wahlpflichtbereich Internationale Vertiefung – International Economics Master of Arts Development Economics and International Studies 20242</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 Zweitfach Sozialkunde), core course (Pflichtbereich im Zweitfach Englisch) Erweiterungsprüfung Berufliche Schulen/Studienfach Wirtschaftspädagogik Master Sozialökonomik: elective course (Wahlbereich) Master Arbeitsmarkt und Personal: elective course (Wahlbereich)

		<ul style="list-style-type: none"> • 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 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	5 ECTS
3	Lecturers	Prof. Dr. Tobias Wolbring Dr. Sebastian Prechsl	

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	<p>The students will</p> <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 20242 Freie Ergänzungsstudien Master of Arts Development Economics and International Studies 20242	
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.
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1	Module name 45002	Seminar sustainability and environmental ethics Sustainability and environmental ethics	5 ECTS
2	Courses / lectures	Seminar: Sustainability and Environmental Ethics	5 ECTS
3	Lecturers	Prof. Dr.-Ing. Jürgen Karl Prof. Dr. Martin Hartmann	

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 20242 Freie Ergänzungsstudien Master of Arts Development Economics and International Studies 20242
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).

1	Module name 53710	Foundations of international management I	5 ECTS
2	Courses / lectures	Vorlesung: Foundations of International Management I Seminar: Foundations of International Management I (1 ECTS, Seminar)	4 ECTS 1 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	no Integration in curriculum available!	
9	Module compatibility	Elective Modules Master of Arts Development Economics and International Studies 20242 Freie Ergänzungsstudien Master of Arts Development Economics and International Studies 20242 Wahlpflichtbereich Internationale Vertiefung – International Economics Master of Arts Development Economics and International Studies 20242	
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%)	
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. & Hausmann, H. (eds.) (2024). Internationalization Strategies of Firms. Case Studies from the Nürnberg Metropolitan Region. 3rd edition. Baden-Baden: Nomos.

1	Module name 53056	Islamic Finance & Banking Islamic finance & banking	2,5 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	Prof. Dr. Christine Binzel	
5	Contents	<p>The course offers an introduction to the financial system from an Islamic perspective, immersing students in the principles, instruments, economic, and ethical foundations of Islamic finance & banking, contrasting these with conventional financial models. Topics covered include Islamic finance essentials (definition, scope, history, and key objectives), the unique features of Islamic economic system (how Islamic finance works in synergy with Islamic economics for the balance between wealth creation and social justice), and Islamic finance principles such as the prohibition of Riba (interest rates), Gharar (ambiguity in contract terms), and Maysir (gambling) in financial transactions, besides the importance of asset-backed financing and risk-sharing. Additionally, Islamic financial instruments like (<i>Mudarabah & Musharakah, Salam, Istisna'a, and Murabaha</i>) are discussed. Islamic banking structures and offerings in terms of offerings and governance framework are explored. Finally, the role of Islamic capital markets and Sukuk in this system is clarified. The course aims to provide an overview of the global relevance and application of Islamic finance & banking, culminating in a final discussion on its impact and future prospects.</p>	
6	Learning objectives and skills	<p>Students shall: (1) achieve an understanding of key concepts in Islamic finance & banking. (2) gain an overview of the state-of-the-art developments in the field. (3) strengthen their skills in how to critically read and assess conventional finance & banking concepts, instruments, and applications. (4) Engage in constructive dialogue and debate on ethical issues within finance, while also fostering critical thinking and ethical decision-making skills.</p>	
7	Prerequisites	<p>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</p>	

		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: 2;4
9	Module compatibility	Freie Ergänzungsstudien Master of Arts Development Economics and International Studies 20242
10	Method of examination	Undefined (from migration) Short written assignment (8 pages)
11	Grading procedure	Undefined (from migration) (100%) Successful completion of the written assignment (no grade)
12	Module frequency	Irregular
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	<p>Main textbook:</p> <p>Islamic Financial System (Principles and operations) 3rd edition.</p> <p>Optional:</p> <ol style="list-style-type: none"> 1. Understanding Islamic Finance: A Beginner's Guide by Zamir Iqbal and Abbas Mirakhor 2. Introduction to Islamic Banking and Finance: Principles and Practice, M. Kabir Hassan and others, Pearson. 3. Islamic Economics in Practice: Interest-Free Financial Management: A Handbook of Politics, Religion, Culture, and Society. By Volker Nienhaus

1	Module name 38149	Technological Impact Entrepreneurship for Sustainable Development (Econ) Technological Impact Entrepreneurship for Sustainable Development - Design, Market, Impact (Econ)	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. Es besteht Anwesenheitspflicht.	
3	Lecturers	-	

4	Module coordinator	Prof. Dr. Andreas Landmann	
5	Contents	<p>This seminar brings together students from the fields of <i>Energy Systems/Power Electronics, Development Economics and Management</i>. At this intersection, students work on a technical innovation for power supply and usage in regions with acute energy poverty, develop a business model for marketing the innovation, investigate its developmental economic impact, and assess possible strategies for evaluating its impact.</p> <p>In a multidisciplinary effort and under supervision of the three involved faculties, the teams will form a fictional start-up to design and market a product or service while measuring its economic, social, and ecological impact. Possible solutions include energy generation and transmission, electricity storage and remote maintenance. However, students are encouraged to come up with own innovations. The aim is to find a marketable solution that can be sold to firms in rural areas, enabling them to apply the technology to their specific (infra)structural context, either in Europe or abroad.</p> <p>During the seminar kick-off, students will deepen their existing disciplinary knowledge to later work effectively in the multidisciplinary teams (each team has at least one member of one of the three faculties). The kick-off introduces the relevant theory to enable the students to enter more deeply through self-study. In the first four weeks of the course, the teams are supported by the respective chairs in demand-oriented online work-sessions, receiving feedback on their progress and answers to their questions within and between the academic disciplines.</p> <p>In an interim presentation, the participants can then present their progress and give and receive feedback on theory application and practical relevance of the developed solutions. The second half of the seminar allows to incorporate feedback and further develop the product/ service.</p> <p>The course ends with a final presentation (50% of the final grade), in which the proposed solution will be presented by the students and discussed with the professors. Two weeks after the final presentation,</p>	

		each team submits a project documentation (50% of the final grade), describing theory and application of their solution.
6	Learning objectives and skills	<p>Students</p> <ul style="list-style-type: none"> • Acquire and deepen knowledge of the three areas of electrical engineering (specifically power electronics in the field of renewable energy), development economics and (impact) entrepreneurship. • Get a deep dive into their own field of study but a good overview of the other two segments and understand the dependencies. • Address issues regarding the definition and measurement of economic, social and environmental impact and how these can be integrated into the corporate mission. • Learn through multidisciplinary collaboration the interdependence of decision criteria (product ↔ production ↔ energy demand and generation ↔ market entry planning ↔ business plan ↔ sustainability) • Can independently create a practice concept for an impact enterprise in cooperation with a wide variety of fields. • Can understand, describe, and compare impact entrepreneurship as an entrepreneurial problem-solving approach for social challenges. • Consider local contexts within which innovations generate impact. • Acquire argumentation competence and critical reflection in their own subject discipline and can understand socially relevant issues by combining different logics and explain them within working groups. • Develop interdisciplinary feedback competences. • Can give presentations relevant to practice. • Can process complex questions analytically and make pragmatic decisions.
7	Prerequisites	Basic knowledge in Development Economics and Research Methods
8	Integration in curriculum	semester: 2;4
9	Module compatibility	<p>Elective Modules Master of Arts Development Economics and International Studies 20242</p> <p>Freie Ergänzungsstudien Master of Arts Development Economics and International Studies 20242</p> <p>Regional Modules Master of Arts Development Economics and International Studies 20242</p>
10	Method of examination	<p>Presentation/written assignment</p> <p>Mandatory presence at the kick-off days, interim presentation and final presentation.</p> <p>Examination: Final presentation (50% of grade) and Documentation (50% of grade)</p>
11	Grading procedure	Presentation/written assignment (100%)

		Final presentation incl. discussion: 50% Documentation: 50%
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	Additional materials will be provided via StudOn and in the course.

1	Module name 52592	Quantitative methods in energy market 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. Dr. Karl Gregor Zöttl	
5	Contents	<p>It is the purpose of the course to understand and quantitatively analyse the economic interaction of the players and institutions in liberalized energy markets.</p> <p>Liberalized electricity markets can be segmented in a regulated part (the networks) and the non-regulated parts (generation and retail) where private companies interact in a market environment. The interaction of the different agents is analysed with computational equilibrium frameworks based the concepts applied in industrial organization. Next to the fundamental understanding of the relevant market interaction, the models allow for a quantitative analysis of proposals for the design of energy markets. The participants thus develop the tools for an autonomous 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>The course aims at students in the field of economics /business as well as students in the fields of engineering and mathematics. An integral part of the course id formed by homework assignments conducted in groups. The ability to cooperate 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 course.</p>	
6	Learning objectives and skills	<p>The students:</p> <ul style="list-style-type: none"> • develop a clear picture of the relevant market participants in liberalized electricity markets and understand their incentives and objectives • learn fundamental concepts and models which allow to analyze the interaction at those markets • get to know important publically available data sources which allow for a quantitative analysis of the market situations considered • know the current challenges when designing those markets and can quantitatively analyze the solutions proposed in the current policy debate. 	
7	Prerequisites	<p>The students should be familiar with the mathematical methods acquired during their Bachelor degree.</p> <p>Institutional knowledge of electricity markets is not required.</p>	
8	Integration in curriculum	semester: 2	
9	Module compatibility	Elective Modules Master of Arts Development Economics and International Studies 20242	

		Freie Ergänzungsstudien Master of Arts Development Economics and International Studies 20242
10	Method of examination	Written examination Written as in Written Assignment (Work on assignment sheets in groups of up to 3 students, approx. 15 pages) Written examination (90 minutes)
11	Grading procedure	Written examination (80%) Written (20%) as in Written Assignment (20%)
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	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 55960	Spatial economics	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. Matthias Wrede	
5	Contents	Urban Economics, Trade, Mobility, and Agglomeration, Spatial Concentration, Regional Policy	
6	Learning objectives and skills	<p>After successful completion of this course,</p> <ul style="list-style-type: none"> • Students are able to describe and to internationally compare the regional patterns of major economic activities in terms of stylized facts. • Students are able to present, interpret, and discuss selected theories in regional and urban economics. • Students are able to apply and assess selected empirical methods in spatial economics. • Students are able to assess empirical tests of selected hypotheses from theories in regional and urban economics to evaluate and critically examine their informative value. • Students are able to discuss and evaluate regional political implications of selected economic theories in regional and urban economics. • Students will assess, evaluate and discuss selected recent research papers in English. 	
7	Prerequisites	Microeconomics and Econometrics I recommended	
8	Integration in curriculum	semester: 2	
9	Module compatibility	Elective Modules Master of Arts Development Economics and International Studies 20242 Freie Ergänzungsstudien Master of Arts Development Economics and International Studies 20242	
10	Method of examination	Written examination (60 minutes) Presentation	
11	Grading procedure	Written examination (80%) Presentation (20%)	
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	Will be announced in the course.	

1	Module name 94920	International Supply Chain Management International supply chain management	5 ECTS
2	Courses / lectures	Vorlesung mit Übung: International Supply Chain Management (vhb)	5 ECTS
3	Lecturers	Prof. Dr.-Ing. Jörg Franke Simon Schlichte	

4	Module coordinator	Prof. Dr.-Ing. Jörg Franke	
5	Contents	<p>Contents: The virtual course intends to give an overview on the main tasks of a supply chain manager in an international working environment:</p> <ul style="list-style-type: none"> • Goals and tasks • Methods and tools • International environment • Knowledge and experience of industrial practice • Cutting edge research on SCM <p>For practical training, 3 additional Case Studies are executed as part of the course.</p> <p>Lehreinheiten / Units:</p> <ul style="list-style-type: none"> • Integrated logistics, procurement, materials management and production • Material inventory and material requirements in the enterprise • Strategic procurement • Management of procurement and purchasing • In-plant material flow and production systems • Distribution logistics, global tracking and tracing • Modes of transport in international logistics • Disposal logistics • Logistics controlling • Network design in supply chains • Global logistic structures and supply chains • IT systems in supply chain management • Sustainable supply chain management 	
6	Learning objectives and skills	<p>After having completed this course successfully, the student will be able to</p> <ul style="list-style-type: none"> • define the basic terms of supply chain management • understand important procurement methods and strategies • name and classify different stock types and strategies • analyse possibilities for cost reduction in supply chains • know and differentiate central IT systems of supply chain management • explain disposal and controlling strategies • recognise the main issues in international supply networks • know the possibilities of transformation to a sustainable supply chain • assess different modes of transport 	
7	Prerequisites	None	
8	Integration in curriculum	semester: 4	

9	Module compatibility	Freie Ergänzungsstudien Master of Arts Development Economics and International Studies 20242
10	Method of examination	Written examination (120 minutes)
11	Grading procedure	Written examination (100%)
12	Module frequency	Every 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	

1	Module name 57476	Sustainability challenges in the agricultural sector in the Global South	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. The participation in the course is mandatory.	
3	Lecturers	-	

4	Module coordinator	Prof. Dr. Almut Schilling-Vacaflor del Carpio
5	Contents	<p>The agricultural sector has historically been of great importance for the geographical, social, political, and economic configuration of the countries of the Global South. This sector accounts for a considerable part of GDP, generates jobs, and is important for exports and food security. Increasingly, many areas of these countries' territories have been converted to meet the growing demand for agricultural products, such as soy, cattle and palm oil in the world market. This trend is linked to the concentration of the land and the production networks in the hands of large land-owners and multinational companies, the displacement of traditional populations, deforestation, the degradation of natural resources, the pollution of soil and water and the loss of biodiversity, among other effects.</p> <p>As various estimates predict that in 2050 the world will reach the mark of 9 billion inhabitants, with much of the growth occurring in developing countries, a further increase in production will be required in order to meet the nutritional needs of the world population. As such, reconciling agricultural production with environmental preservation and socio-economic development is one of the central challenges of the 21st century.</p> <p>This course seeks to present and discuss the structural tensions between agricultural production and the environment and the search for "sustainable development" in rural areas from the Global South, with a particular focus on Latin America and Africa, broadening the students' understanding of the relationship between agriculture, sustainability, and rural development. At the end of the course, students will be able to understand the dynamics of the agricultural sector in the Global South, the changes taking place in rural areas, and their implications for sustainability. Moreover, the students will have the opportunity to analyze and discuss strategies</p>

		and solutions to promote sustainable agricultural practices that guarantee food security, preserve natural resources, and promote the economic and social development of rural communities.
6	Learning objectives and skills	<ul style="list-style-type: none"> • Identify and understand the contradictions and dilemmas in relation to the agricultural sector in the Global South. • Analyze the interactions between agriculture, the environment and society • Understand the changes taking place in rural areas in the Global South and their implications for sustainability. • Critically analyze and discuss the concept of sustainability in the agricultural sector. • Discuss strategies to promote sustainable agricultural practices that guarantee food security, preserve natural resources, and promote the economic and social development of rural communities in the Global South.
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 20242 Freie Ergänzungsstudien Master of Arts Development Economics and International Studies 20242
10	Method of examination	Written or oral
11	Grading procedure	Written or oral (100%) 1. Participation - reading of the compulsory literature is required and short reflection text (20%) 2. Presentation (40%) 3. Short written assignment (ca. 2,000 words per person; 40%).
12	Module frequency	Only in summer semester
13	Workload in clock hours	Contact hours: 26 h Independent study: 120 h
14	Module duration	1 semester
15	Teaching and examination language	english
16	Bibliography	<p>-Altieri, M. (1987). Agroecology: the scientific basis of alternative agriculture, Boulder: West- view.</p> <p>-Clapp, J. & Fuchs, D. (eds.) (2009). Corporate Power in Global Agrifood Governance. The MIT Press Cambridge, Massachusetts.</p> <p>-Du Pisani, J. A. (2006). Sustainable development–historical roots of the concept. Environmental sciences, 3(2).</p>

-Esteva, G. (2010). Development. In Sachs, W (Ed.), The development dictionary, 1-23. Zed Books.

-Martinez-Alier, J. (2003). The Environmentalism of the poor: a study of ecological conflicts and valuation. Edward Elgar Publishing.

-Monni, S, & Pallottino, M. (2015). Beyond growth and development: Buen Vivir as an alternative to current paradigms. International Journal of Environmental Policy and Decision Making, 1(3).

-Nightingale, A. J., Karlsson, L., Böhler, T., & Campbell, B. (2019). Environment and Sustainability in a Globalizing World. Routledge.

-Peet, R., Robbins, P. & Watts, M. (2011). Global political ecology. Routledge: New York.

-Pretty, J. N. (2008). Agricultural sustainability: concepts, principles and evidence. Philos. Trans. R. Soc. Lond. B Biol. Sci. v.363, 447–465.

Additional literature mentioned in the course syllabus.

1	Module name 57130	International trade and labor	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. (Vorlesung mit Übung)	
3	Lecturers	-	

4	Module coordinator	Prof. Dr. Christoph Moser
5	Contents	This module deals with the consequences of globalization for the domestic labor market and discusses the winners and losers of trade liberalization. The module focuses on the impact of international economic integration on domestic wages, jobs and inequality, in particular in Germany and the United States.
6	Learning objectives and skills	Students are made familiar with the main relevant concepts of international trade and acquire specialized knowledge of the labor market effects of trade liberalization. Students learn about key theoretical predictions, their empirical evidence and the empirical strategies to assess their relevance. The module focuses on topics at the intersection between international trade and labor.
7	Prerequisites	Recommended prerequisites: Basic knowledge of microeconomics (e.g., Varian, Hal (2014), Intermediate Microeconomics: A Modern Approach, 9th international edition) and econometrics (e.g., Wooldridge, Jeffrey (2013), Introductory Econometrics: A Modern Approach, 5th international edition).
8	Integration in curriculum	semester: 2
9	Module compatibility	<p>Elective Modules Master of Arts Development Economics and International Studies 20242</p> <p>Freie Ergänzungsstudien Master of Arts Development Economics and International Studies 20242</p> <p>Wahlpflichtbereich Internationale Vertiefung – International Economics Master of Arts Development Economics and International Studies 20242</p> <p>Master Economics: Specialization in Macroeconomics and Finance</p> <p>Master IBS: elective course (Wahlbereich): English-speaking countries; Europe</p> <p>Master Arbeitsmarkt und Personal: Wahlbereich</p> <p>Master Sozialökonomik: freier Vertiefungsbereich</p>

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	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 57475	Creativity Approaches for Sustainability	5 ECTS
2	Courses / lectures	Seminar: Creativity Approaches for Sustainability	5 ECTS
3	Lecturers	Rabab Saleh	

4	Module coordinator	Prof. Dr. Markus Beckmann Rabab Saleh	
5	Contents	<p>The seminar provides knowledge on how creativity approaches foster sustainability. It answers questions such as what creativity processes are implied in developing sustainable technologies. How to apply creativity in the creation of sustainable innovations and solutions? How to accelerate pathways to sustainability through creativity?</p> <p>The seminar focuses on creativity processes to advance sustainability on four levels:</p> <ul style="list-style-type: none"> • First, the individual level addresses how individuals' visions and values motivate creativity in finding sustainability solutions that change for example sustainable consuming behaviors. • Second, the Community level discusses how the voluntarily creative actions for sustainability are initiated by local social groups. • Third, the organizational level addresses well-researched and planned creativity solutions created by professionals and executed on the organizational level. • Fourth, the institutional level indicates how to promote creativity for sustainability on the macro level and integrate its approaches in institutions (e.g., in the education system or policy-making). 	
6	Learning objectives and skills	<p>The participants will:</p> <ul style="list-style-type: none"> • get new perspectives on creativity and creativity approaches. • be able to link creativity to sustainability in their personal and professional lives. • be able to use creativity approaches to develop sustainability solutions whether on the technological, social, organizational, or institutional level. 	
7	Prerequisites	No pre-conditions	
8	Integration in curriculum	semester: 3	
9	Module compatibility	Freie Ergänzungsstudien Master of Arts Development Economics and International Studies 20242	
10	Method of examination	Seminar paper Presentation Presentation Seminar paper	
11	Grading procedure	Seminar paper (60%) Presentation (40%) Presentation (40%)	

		Seminar paper (60%)
12	Module frequency	Irregular
13	Workload in clock hours	Contact hours: 30 hours Independent study: 120 hours
14	Module duration	1 semester
15	Teaching and examination language	english
16	Bibliography	<ul style="list-style-type: none"> • Amabile, T. M. (1988). A model of creativity and innovation in organizations. <i>Research in organizational behavior</i>, 10(1), 123-167. • Beghetto, R. A., & Kaufman, J. C. (2007). Toward a broader conception of creativity: A case for "mini-c" creativity. <i>Psychology of aesthetics, creativity, and the arts</i>, 1(2), 73. • Brem, A., & Puente-Díaz, R. (2020). Are you acting sustainably in your daily practice? Introduction of the Four-S model of sustainability. <i>Journal of Cleaner Production</i>, 267, 122074. • Chang, T. W., & Hung, C. Z. (2021). How to shape the employees' organization sustainable green knowledge sharing: Cross-level effect of green organizational identity effect on green management behavior and performance of members. <i>Sustainability</i>, 13(2), 626. • Saleh, R. ; Brem, A. (2023): Creativity for sustainability: An integrative literature review. In <i>Journal of Cleaner Production</i> 388, p. 135848.

1	Module name 38157	Global Business and Human Rights	5 ECTS
2	Courses / lectures	Seminar: Global Business and Human Rights (2.0 SWS, WiSe 2024)	-
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, the pressing issues of climate change and environmental degradation, prevalent corruption, as well as widespread and systematic human rights violations, 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 even more skeptical about the private sector and its contribution to societal welfare. Victims in countries with weak legal frameworks often lack access to justice when harmed by actions linked to multinational corporations. In 2011, the United Nations Human Rights Council adopted the UN Guiding Principles on Business and Human Rights, a set of 31 principles that clarify the State's role in protecting individuals from business-related human rights abuses. These principles also outline a framework for corporate responsibility, emphasizing the importance of respecting human rights and providing effective remedies.</p> <p>Many states have formulated national action plans on business and human rights. National jurisdictions and the European Union have introduced mandatory human rights due diligence requirements for companies, a concept detailed in the Guiding Principles. Various courts and national human rights institutions have also applied the Guiding Principles to address access to remedies for human rights abuses by transnational corporations.</p> <p>The Global Business and Human Rights (BHR) seminar examines how human rights violations can be linked to corporate activities and possible dilemmas when businesses operate in different countries. The course will focus on the practical aspects of corporate human rights due diligence, demonstrating how companies can effectively navigate human rights challenges across their global operations and supply chains. Participants will examine emerging sector-</p>

		specific and thematic issues within the human rights and business landscape, evaluating the effectiveness of current initiatives across the world.
6	Learning objectives and skills	<p>This course aims to enhance participants' understanding of how human rights concerns impact business and society.</p> <ul style="list-style-type: none"> • To understand, describe and explain key debates and concepts in business and human rights (BHR) and its relevance for corporations. • To develop familiarity with the UN Guiding Principles on Business and Human Rights, including their objectives and limitations. • To critically analyze, reflect and evaluate BHR topics, using academic research papers as well as case studies. • To understand and communicate personal values in thinking about the role of business in society.
7	Prerequisites	<p>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.</p>
8	Integration in curriculum	semester: 3
9	Module compatibility	<p>Elective Modules Master of Arts Development Economics and International Studies 20242 Freie Ergänzungsstudien Master of Arts Development Economics and International Studies 20242</p> <p>REGISTRATION AND ACCESS TO MATERIAL</p> <p>Registration for the StudOn course will be available from Friday, September 13th, 2024 until Sunday, October 11th, 2024 via the following link:</p> <p>https://www.studon.fau.de/crs4943311_join.html _</p> <p>Password: GlobalBHR_2024</p>
10	Method of examination	<p>Portfolio Written assignment</p> <p>The first session will be dedicated for introducing the topic on Business and Human Rights (BHR). This session will provide theoretical and conceptual input on BHR as well as</p>

a short refresher on qualitative research methods. Students will select an academic research paper during class, which will be presented in the second session. Students will analyze academic research articles that conceptually and empirically examine BHR, particularly in the context of developing countries. The various student presentations are supportive in selecting a seminar topic for the final presentations and papers.

If class size permits, groups will be formed in the first seminar session. These groups will choose and define their topic within the first week of the seminar. The chosen topic will be presented on **December 2nd and December 9th, 2024**. With the input and discussion received during the presentation, students will prepare a seminar paper which will be handed in by **February 16th, 2025**.

Students will be assessed in groups for the presentation as well as for the written assignment.

- Presentation: 40%
- Written Assignment: 60%

The presentation will be based on the case study of choice discussed during the seminar sessions which will lay the foundation of the written assignment. The aim of the written assignment is to examine a multinational corporation and its impact on a BHR topic. Further information on the presentation and written assignment will be provided in the first session of the seminar.

The presentation should not exceed 25 minutes and contains a maximum of 20 slides. The presentations will take place on **December 2nd and December 9th, 2024** in Room 1.055 in Erlangen. The seminar paper should follow the DEIS Guidelines (*Guidelines for Seminar Papers and Final Papers*) which is provided on the Institute Homepage or in the DEIS Information StudOn folder. Submission deadline for the seminar paper is **February 16th, 2025**.

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.

11	Grading procedure	Portfolio (40%) Written assignment (60%)
12	Module frequency	Only in winter semester

13	Workload in clock hours	Contact hours: 21 hours Independent study: 120 hours
14	Module duration	1 semester semester
15	Teaching and examination language	english
16	Bibliography	<ul style="list-style-type: none"> • Wettstein, Florian. Business and Human Rights: Ethical, Legal, and Managerial Perspectives. Cambridge: Cambridge University Press, 2022. • McCorquodale, Robert. Business and Human Rights. Oxford:Oxford University Press, 2024. • Baumann-Pauly, Dorothee and Justine Nolan. Business and Human Rights: From Principles to Practice. Routledge, 2016.

1	Module name 57486	Energy policy instruments	5 ECTS
2	Courses / lectures	Seminar: Energy policy instruments	5 ECTS
3	Lecturers	Prof. Dr. Johan Lilliestam	

4	Module coordinator	Prof. Dr. Johan Lilliestam
5	Contents	<p>With the adoption of 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. In terms of emission reductions, one cannot say that it has gone well: globally, greenhouse gas emissions are still increasing. This is largely caused by economic growth and industrial development in emerging countries, causing a hunger for energy that is often satisfied with fossil fuels.</p> <p>In the industrialised world, however, emissions decrease (after having increased A LOT during the 20th century, of course!). In Europe, emissions have decreased by some 30% 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 very cheap 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. This is a very controversial field, both in Brussels (e.g. Green Deal vs. emissions trading!), and in national capitals (recall debates of electric car mandates vs “technology-neutrality”, or the debacle of the German heating law!). The outcome of these debates will not only determine Europe’s climate footprint, but also its industrial future: <i>HOW</i> to decarbonise energy is one of biggest issues of our time.</p> <p>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 environmental, behavioural and evolutionary economics, as well as political science. We will go far beyond the conventional economics-centred definition of “climate policy” as global treaties and carbon pricing, and look at the broad set</p>

		<p>of measures that affect the chances to decarbonise energy, with a focus on the European context and drawing lessons from successes. In this course, we will</p> <ul style="list-style-type: none"> • create 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, historical and expected future 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. <p>The course is a <i>flipped classroom</i> course, 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 and in groups 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 Nürnberg 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 students will receive written feedback, as this is essential for learning and improving presentation skills.</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 measure 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 national strategy is likely to achieve its aims, informed by knowledge of the functioning, efficiency and effectiveness of similar measures elsewhere or in the past, and can suggest alternative tools for achieving a particular energy goal. Students are able to apply knowledge about the barriers to decarbonisation in various energy sectors and the barriers addressed by specific policy measures, so as to create own proposals for decarbonisation of any energy sector or geographic context.</p>
7	Prerequisites	None
8	Integration in curriculum	semester: 1;3

9	Module compatibility	Elective Modules Master of Arts Development Economics and International Studies 20242 Freie Ergänzungsstudien Master of Arts Development Economics and International Studies 20242
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. This 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"> • <ul style="list-style-type: none"> ◦ Michael Grubb (2014): Planetary Economics, Routledge. • <ul style="list-style-type: none"> ◦ Reading list and texts will be provided when the semester starts. • <ul style="list-style-type: none"> ◦ 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.

1	Module name 38151	International Aspects of Ecological Economics	5 ECTS
2	Courses / lectures	Seminar (still to be added to campo, on short notice)	
3	Lecturers	Prof. Dr. Salvador Peniche Camps	

4	Module coordinator	Prof. Jürgen Kähler	
5	Contents	<p>The objective of the seminar is for students to incorporate into their vision of socio-environmental problems the theoretical-methodological perspective of ecological economy in the context of international relations. The course will emphasize the most acute issues that characterize the current environmental crisis.</p> <p>General topics:</p> <ol style="list-style-type: none"> 1. Introduction to ecological economics 2. Collapse or crisis: boundaries and resilience of the world operating system 3. International trade and environmental deterioration: ecologically unequal trade 4. The end of oil and the energy transition 5. Economic-ecological aspects of climate change 	
6	Learning objectives and skills	<ul style="list-style-type: none"> • The student will obtain the theoretical and methodological bases to address the uncertainty and complexity of the topic • Issues will be addressed from a solidarity and inclusive perspective 	
7	Prerequisites	None.	
8	Integration in curriculum	semester: 1;3	
9	Module compatibility	Freie Ergänzungsstudien Master of Arts Development Economics and International Studies 20242	
10	Method of examination	<p>Seminar paper Essay Presentation Reading prior to session, informed class participation, presentation, and final essay.</p>	
11	Grading procedure	<p>Seminar paper (40%) Essay (30%) Presentation (30%) Elaboration of infographics by topic of the syllabus (2 to 5) (40%) International presentation "Hemispheric visions of the environmental collapse" (30%) group grade Final essay "Contribution of ecological economics to the study of environmental collapse" (30%)</p>	
12	Module frequency	Irregular	
13	Workload in clock hours	<p>Contact hours: 30 hours Independent study: 120 hours</p>	

14	Module duration	one term semester
15	Teaching and examination language	english
16	Bibliography	<p>1. Introduction to ecological economics</p> <p>Costanza, R. et al (1997). Introduction to ecological economics. EEUU: Lucie press</p> <p>Daly, R. y Farley, J, (2004) Ecological Economics. Principles and applications. USA: Island Press</p> <p>Martinez, J y Muradian, R. (2015). Handbook of ecological economics. EEUU: Edward Elgar</p> <p>Meadows, D. And Wright, D (XXXX) Thnking in systems. UK: Earthscan</p> <p>2. Collapse or crisis: resilience class of the world operating system.</p> <p>Rockstrom, J. et al (2009). Planetary Boundaries: Exploring the safe operating system for humanity. Ecology and society. 14(2) 32.</p> <p>Odum. E. (1975). Ecology. The link between the natural and the social sciences. EEUU: Holt, Rinehart and Winston.</p> <p>Nafeez, A. (2017). Failing states, collapsing systems and biophysical trigers of social violence. USA: Springer</p> <p>Vala, K. (2012). Assessing Long Term S.ustainability of Global Supply of Natural Resources and Materials in Ghenai, C. (Ed.). (2012). Sustainable Development - Energy, Engineering and Technologies - Manufacturing and Environment. InTech. doi: 10.5772/1404</p> <p>3. International trade and environmental deterioration: ecologically unequal trade</p> <p>Perez, M. (2006). Colombian international trade from a physical perspective. Towards and ecological prebsch thesis. Ecological economics, 519-529</p> <p>Muradian, R. And Martíenz J. (2001). Trade and the environment: from a southern perspective. Ecological economics. 281-297.</p>

Video del congreso de la sociedad andina de economía ecológica

<https://educast.pucp.edu.pe/video/11271/>

[ii_congreso_de_la_sociedad_andina_de_economia_ecologica_parte_16](#)

4. The end of oil and the energy transition

Hall, Ch. y Klitgaard, K. (2012). Energy and the wealth of nations. Understanding the biophysical economy. USA: Springer

Hall, Ch. (2017). Energy returns on investment. A Unifying Principle for Biology, Economics, and Sustainability

5. Economic-ecological aspects of climate change

Shmelev, S. (2017). S. Green economy reader. ´lectures in ecological economics and sustainability. USA: Springer.

Georescou, N. (1996). The entropy law and the economic process. USA:Harvard.

1	Module name 38144	Poverty, Inequality and Microfinance in South Africa	2,5 ECTS
2	Courses / lectures	Lecture/seminar (still to be added to campo, on short notice)	
3	Lecturers	Dr. Lavis Tala	

4	Module coordinator	Prof. Jürgen Kähler	
5	Contents	<p>The module is designed to provide the context within which detailed analysis of the policy framework aimed to alleviate poverty and reduce inequality can be assessed. The emphasis will be placed on indicators which can be disaggregated. Students will gain insight on the relationship between poverty, inequality and human development. The alleviation of poverty and inequality as well as meeting of basic needs are primary goals of the governments in developing countries but are not the only ones that governments are trying to attain. Nonetheless, reduction of poverty and inequality are daunting challenges in the context of South Africa. Achieving this will mean substantial changes in economic power between men and women, between urban and rural areas and between black and white. In this regard improving access to financial markets through microfinance is an important market reform that can assist in the alleviation of poverty and reduction of inequality.</p> <p>General topics</p> <ol style="list-style-type: none"> 1) Measures of poverty and inequality 2) The extent and distribution of poverty 3) Poverty and human development 4) Reducing poverty and inequality 5) Effect of microfinance/microcredit on poverty and inequality 	
6	Learning objectives and skills	<p>Subject-specific skills: Students will:</p> <ul style="list-style-type: none"> • Show an understanding poverty and inequality dimensions in the context of South Africa • Discuss and evaluate major poverty and inequality reduction policies/strategies • Will gain understanding of the South African economy • Critical examine the effect of microfinance/microcredit on poverty and inequality <p>Methodological skills: Students will acquire: Analysis, synthesis, and evaluation skills.</p> <p>Personal and Social skills:</p>	

		<p>Students will be able to demonstrate ability to:</p> <ul style="list-style-type: none"> • Collect, Collate and manage information • Be a team member • Integrate different ideas • Plan and management time
7	Prerequisites	None.
8	Integration in curriculum	semester: 1;3
9	Module compatibility	Freie Ergänzungsstudien Master of Arts Development Economics and International Studies 20242
10	Method of examination	<p>Written or oral</p> <p>Student Presentation (15-20 minutes)</p> <p>Written Assignment (8 pages)</p>
11	Grading procedure	<p>Written or oral (0%)</p> <p>Successful completion of a presentation and written assignment to determine pass/fail.</p>
12	Module frequency	Irregular
13	Workload in clock hours	<p>Contact hours: 20 hours</p> <p>Independent study: 55 hours</p>
14	Module duration	?? semester (no information for Module duration available)
15	Teaching and examination language	english
16	Bibliography	<p>ADDITIONAL READING MAY BE PROVIDED</p> <p>Akanbi, O., A. (2016). The growth, poverty and inequality nexus in South Africa: Cointegration and causality analysis, Development Southern Africa, 33 (2).</p> <p>Ali, I., A., M.& Ghoneim, H.(2019). The effect of microfinance on income inequality: Perspective of developing countries, Journal of Economics and Management, 35(1).</p> <p>Barros, C., P. & Gupta, R. (2017). Development, poverty and inequality, The Journal of Developing Areas, 51(1).</p>

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South Africa: critical reflections, *Development Southern Africa*, 36(6).

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Panda, D., K. (2009). *Understanding microfinance*. Wiley India Pvt.Ltd. Daryaganj, New Delhi.

Todaro, P., M. & Smith, S., C. (2015). *Development economics*, 12th Edition. Pearson Education, Inc., United States of America.