



ENERGY MANAGEMENT

MBA

PROGRAM

Winter Semester 2024/25

Intake 2024 - 2026

Last update on: 4 August 2025

THIS PUBLICATION REFLECTS THE STATE OF PLANNING AT THE
TIME OF ANNOUNCEMENT.

TUBS GmbH
TU Berlin ScienceMarketing
Hardenbergstraße 16-18
10623 Berlin
Deutschland

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Dear Students,

The energy market is one of today's most fast-paced, decisive, and profitable industries and is crucial to the global economy, the environment, and our future society as a whole.

Climate and economic changes, public opinion, technological progress, and regulation shape unforeseen challenges and opportunities. This situation calls for new solutions to be delivered by highly skilled and appropriately trained experts with an all-embracing overview, an international outlook, and the will to create a true impact. Due to its economic, entrepreneurial, and industrial strength as well as its successful and progressive energy policies, known as the —Energiewende—, Germany stands out as a front-runner in the global energy transition. The industry, therefore, requires broadly skilled individuals who are experts in the field.

We are delighted to welcome you to this exciting TU program, where faculty and industry experts convey the latest scientific and practical insights in the field, discuss today's challenges, and prepare students for leading roles in shaping the industry, and society, for the future ahead.

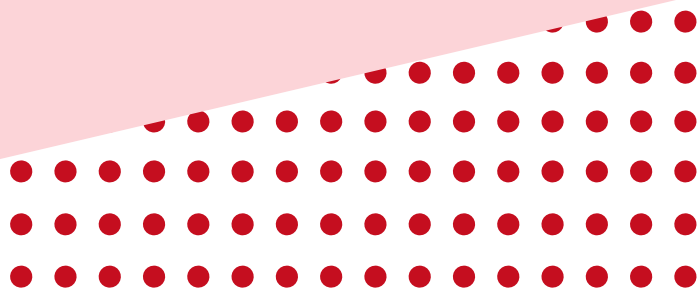
Prof. Dr.-Ing. Joachim MÜLLER-KIRCHENBAUER
Academic Director

Gernot BOHMANN
Academic Program Manager

Dr. Jing Wu
Academic Program Manager

Sandra LUBAHN
Administrative Manager

OVERVIEW



The Energy Management Team



Prof. Dr.-Ing. Joachim MÜLLER-KIRCHENBAUER

Academic Director MBA Energy Management

Professor for Management of Energy and Resources, School for Technology and Management, Faculty for Economics and Management of Technical University Berlin

<https://www.er.tu-berlin.de/>

Gernot BOHMANN, M.Sc.

Academic Program Manager

gernot.bohmann@campus.tu-berlin.de



Dr. Jing Wu

Academic Program Manager

jing.wu.1@campus.tu-berlin.de

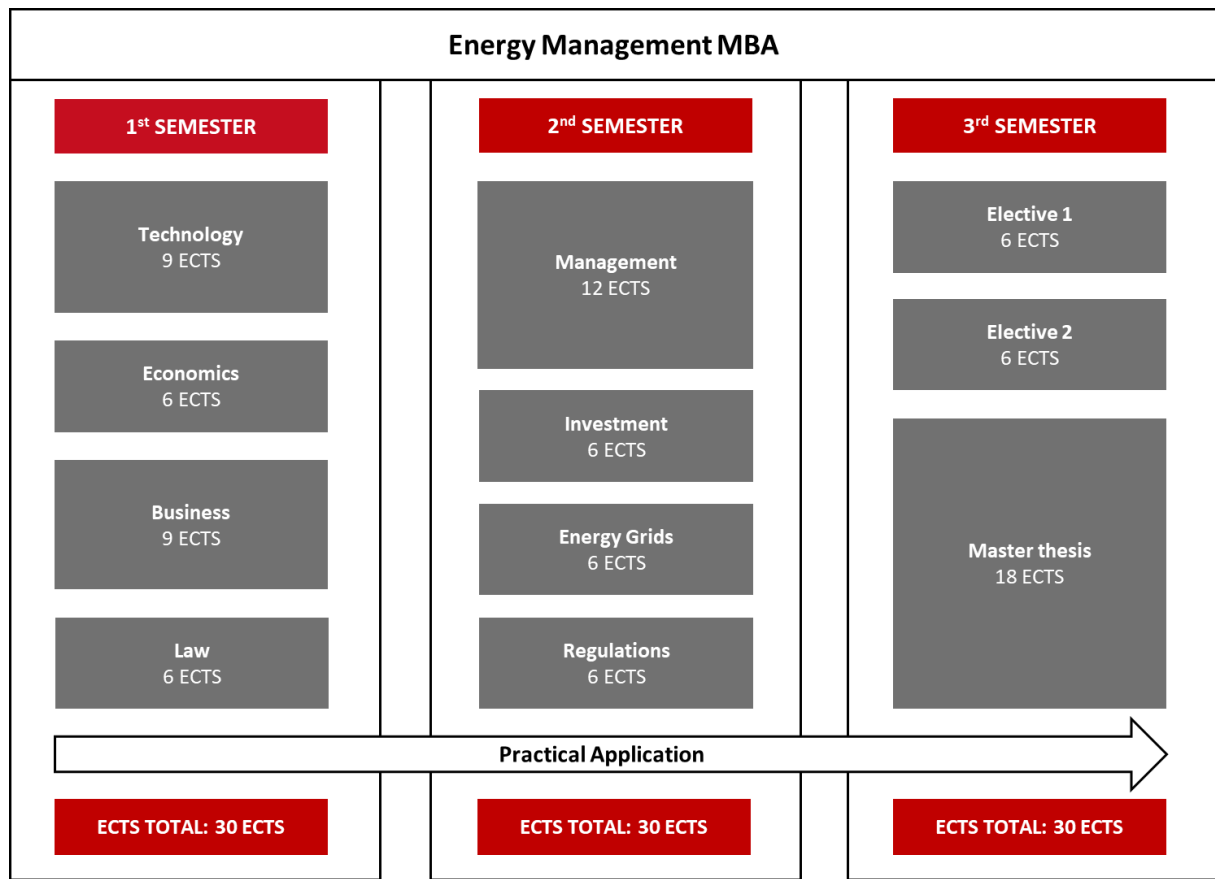


Sandra LUBAHN

Administrative Manager

sandra.lubahn@campus.tu-berlin.de





The master's program is taught over a period of three semesters. The first semester covers the technical, economic, entrepreneurial, and legal foundations for management decisions in the energy sector; the second semester deepens this view and looks at business practices, primarily of grid-based utilities, and investment; the third semester broadens the perspective while simultaneously focusing on practices according to students' individual interests. All semesters include lectures, tutorials, seminars, company visits, online materials related to practice, and extracurricular activities. The master thesis, due in the third semester, concludes the program.

Location and Times

Unless otherwise announced, lectures, tutorials, consultancy, and peer group meetings take place at EUREF-Campus, 10829 Berlin, House 9, Room S3/at the TUB Main Campus, Main Building H, Room 3010 – or as announced on Moodle. The time is CET.

Semesters

- **First semester** (Winter semester 2024/25)
Duration of semester: **01.10.2024 - 31.03.2025**
 Lecture period: 14.10.2024 - 15.02.2025
 Lecture-free period: 17.02.2024 - 31.03.2024 as well as public holidays
- **Second semester** (Summer semester 2025)
Duration of semester: **01.04.2025 - 30.09.2025**
 Lecture period: 14.04.2025 - 19.07.2025
 Lecture-free period: 21.07.2025 - 30.09.2025 as well as public holidays
- **Third semester** (Winter semester 2025/26)
Duration of semester: **01.10.2025 - 31.03.2026**
 Lecture period: 13.10.2025 – 27.02.2026
 Lecture-free period: 28.02.2026 – 31.03.2026 as well as public holidays

Lectures

Lectures are held by professors and academic staff of TU Berlin and other universities, as well as energy industry professionals. The lectures are divided into core and specialized lectures. Core lectures teach the basics and are relevant for students of all MBA programs; specialized lectures are designed for students of the Energy Management program to dive deeper into energy-related content. Group work is frequent. Homework may be assigned. **Lectures start *sin tempore*, i.e., sharp.**

9.30 – 12.45 | 13.45 – 17.00

Company Visits/Tutorials

Tutorials	Company Visits
08.00 - 12.00, 13.00 – 17.00	14.00 – 16.00 or Day Trip

Tutorials are mainly held by research associates and assistants of the respective chairs. Of a generally more interactive nature, they repeat lecture material, supply supportive information, offer additional training, and help prepare for lectures and exams.

Company Visits/Presentations are regularly scheduled on Wednesdays or Thursdays. Company Presentations and Cases take place on EUREF Campus, House 9, Room S3. In contrast, Company Visits provide the opportunity to experience course content in person by visiting the company on-site. Registration before attendance may be required.

A

German Classes

Language classes are offered on campus and incur a small additional fee. Advanced language classes are available, for which taking a test is mandatory.

For more information, visit the website of Sprach- und Kulturbörse [here](#).

E-Learning Platform 'Moodle' and Wireless LAN

Information **S**ystem for **I**nstructors and **S**tudents (ISIS)/Moodle is a software platform for online learning, announcements, distribution of material, registration to events, etc. An introduction will be given in the first week. Please log on frequently, even in lecture-free times. The TU Berlin offers [Wireless LAN](#) (WLAN) with full coverage across its campus. Students can access the internet from any point on the campus. Moreover, it makes sense to have a stable internet connection at your home as well in order to participate in digital lectures or online meetings without problems and to study and learn in case campus is not open.

Exams

A written (e-) exam, paper, presentation, or portfolio concludes each module. Everything taught in the lectures, tutorials, and compulsory company visits within the module may be subject to examination. Exams start on time! A failed examination may be repeated twice. For further details, please refer to the official Study and Examination Regulation. **Attendance is obligatory.**

Grading Scale

Grade	Assessment	Definition
1.0 / 1.3	Very good	Outstanding performance
1.7 / 2.0 / 2.3	Good	Performance above average requirements
2.7 / 3.0 / 3.3	Satisfactory	Complies with the average overall requirements
3.7 / 4.0	Sufficient	Performance which, despite some flaws, still complies with performance requirements
5.0	Insufficient	Performance with significant flaws which does not comply with requirements

A grade of 0,0 indicates the course was not graded but rather given a mark of "pass" or "fail".

1 ECTS is equal to a workload of 30 hours

FIRST SEMESTER

WiSE 2024/25



Social and Academic Events

Orientation Week 2024

7 – 11 October 2024

TU Main Campus
EUREF Campus
E-Learning Introduction
Library Insights, Meet Up,
Administrative Duties



Official Opening

11 October 2024 – 4:00 pm

Venue: TU Main Campus
Welcome Addresses Academic Directors
Academic & Administrative Staff

Christmas Get-Together

More information tba



Module Technology (9 ECTS)

Prof. Dr.-Ing. Joachim MÜLLER-KIRCHENBAUER

Institute Technologie und Management (ITM)
Faculty Wirtschaft und Management
sec. H 69, Room H 6118
Straße des 17. Juni 135, 10623 Berlin
+49 (0) 30 314-23214
energymanagement@master.tu-berlin.de



Aims and Scope

This module revisits and broadens students' knowledge of energy technologies and systems in the context of today's changing world, preparing the ground for the coming modules. Students are taught to apply this knowledge independently to selected cases. Module 2, Economics, runs in parallel.

Keywords

Renewable energy sources; bio energy; hydro energy; geothermal energy; fluctuating renewable energy sources; wind onshore; wind offshore; solar thermal; solar PV; energy grids; electricity grids; gas grids; hydrogen; subsurface; sector integration; heating technologies; HVAC drives fuels, and systems.

Examination (9 ECTS, graded)

Core & Specialized Part: Written exam, 120 minutes, graded

Schedule

Mon. 14 Oct 2024

All day

(exact time tba)

Excursion 1 (2024TECH-CORE-X1-EM-1):

Neue Energien Forum Feldheim e.V.

Tue. 15 Oct 2024

All day

(exact time tba)

Excursion 1 (2024TECH-CORE-X1-EM-2):

Neue Energien Forum Feldheim e.V.

Wed. 16 Oct 2024

09:30 - 17:00

Lecture 1 (2024TECH-CORE-L1):

Prof. Dr.-Ing. Joachim MÜLLER-KIRCHENBAUER

Fri. 18 Oct 2024

09:30 – 17:00

Lecture 2 (2024TECH-CORE-L2):

Prof. Dr. Gioia FALCONE

Wed. 23 Oct 2024

09:30 – 12:45

Tutorial 1 (2024TECH-CORE-T1-EM):

Benjamin GROSSE, M.Sc./Maximilian EVERS

13:45 – 17:00

Tutorial 2 (2024TECH-CORE-T2-EM):

Benjamin GROSSE, M.Sc./Maximilian EVERS

Schedule Specialized Part

Fri. 25 Oct 2024

09:30 – 17:00

Lecture 3 (2024TECH-SPEC-L3-EM):

Prof. Dr.-Ing. Joachim MÜLLER-KIRCHENBAUER

Fri. 01 Nov 2024

09:30 – 17:00

Lecture 4 (2024TECH-SPEC-L4-EM):

Prof. Dr.-Ing. Joachim MÜLLER-KIRCHENBAUER

Wed. 06 Nov 2024

09:30 – 12:45

Tutorial 3 (2024TECH-SPEC-T3-EM):

Benjamin GROSSE, M.Sc./Maximilian EVERS

13:45 – 17:00

Tutorial 4 (2024TECH-SPEC-T4-EM):

Benjamin GROSSE, M.Sc./Maximilian EVERS

Sat. 16 Nov 2024

09:30 – 17:00

Lecture 5 (2024TECH-SPEC-L5-EM):

Prof. Dr.-Ing. Joachim MÜLLER-KIRCHENBAUER

Wed. 20 Nov 2024

09:30 – 12:45

Tutorial 5 (2024TECH-SPEC-T5-EM):

Benjamin GROSSE, M.Sc./Maximilian EVERS

Fri. 29 Nov 2024

09:30 – 17:00

Lecture 6 (2024TECH-SPEC-L6-EM):

Student Presentations,

Prof. Dr.-Ing. Joachim MÜLLER-KIRCHENBAUER

Mon. 09 Dec 2024

10:00 - 12:00

Tutorial Q&A (2024TECH-Q&A-EM):

Benjamin GROSSE, M.Sc.

Fri. 13 Dec 2024**09:30 – 11:30****Exam written, 120 minutes, graded (2024TECH-EXAM-EM):**

Literature

- [1] Robert L. Jaffe and Washington Taylor. The Physics of Energy. Cambridge University Press, 2018.
- [2] P. Zweifel et al. Energy Economics. Springer Texts in Business and Economics, Springer 2017.
- [3] Y. Demirel. Energy. Springer 2012.
- [4] W Shepherd and D W Shepherd. Energy Studies. Imperial College Press, 2008.
- [5] Volker Quaschnig. Understanding Renewable Energy Systems. Earthscan, 2005.

Module Business (9 ECTS)

Prof. Dr. Dodo zu KNYPHAUSEN-AUFSEß

Strategic Leadership and Global Management
T.U. Berlin
Sec. H 92, Room H 9166
Straße des 17. Juni 135, D-10623 Berlin
+49-(0)30-314-28744
knyphausen@strategie.tu-berlin.de



Aims and Scope

The students will understand the fundamentals of management and business administration/business functions: accounting, marketing and sales, organization, industry analysis, business units, and strategy. The students will get acquainted with the concepts of supply chain management, distribution and logistics, production and quality, HR/Personnel, public relations, and R&D.

Keywords

Fundamentals of management and business administration; management and leadership; shareholder and stakeholder value approach; the concept of strategy; Porter's Five Forces; SWOT-Analysis; etc.; strategic business units; industry analysis; generic strategies; vertical integration; portfolio analysis; diversification; strategy process; case studies.

Examination (9 ECTS, pass/fail)

Core Part: online quiz, 60 minutes, pass/fail

Specialized Part: group presentation, pass/fail

Schedule Core Part

Wed. 09 Oct 2024

09:30 – 12:45

Tutorial

Conflict Management

Katharina Yombi

Sat. 19 Oct 2024

09:30 – 17:00

Lecture 1 (2024BUSI-CORE-L1):

Basics of Business Administration & Corporate Governance,
Prof. Dr. Dodo ZU KNYPHAUSEN-AUFSEß

Sat. 26 Oct 2024

09:30 – 17:00

Lecture 2 (2024BUSI-CORE-L2):

Corporate and Business Management,
Prof. Dr. Dodo ZU KNYPHAUSEN-AUFSEß

Tue. 29 Oct 2024

13:45 – 17:00

Tutorial 1 (2024BUSI-CORE-T1-EM):

Business Ethics,
Sarah DROLL

Wed. 30 Oct 2024

09:30 – 12:45

Tutorial 2 (2024BUSI-CORE-T2-EM):

Business Frameworks and Business Canvas,
Byron STUNTZ

Sat. 02 Nov 2024

09:30 – 17:00

Lecture 3 (2024BUSI-CORE-L3):

Corporate and Business Management,
Prof. Dr. Dodo ZU KNYPHAUSEN-AUFSESS
Introduction into Presentation Task

Mon. 04 Nov 2024

09:30 – 17:00

Lecture 4 (2024BUSI-CORE-L4-EM):

Corporate Finance,
Prof. Dr. Karola BASTINI

Fri. 08 Nov 2024

09:30 – 12:45

Tutorial

Intercultural Communication
Carla Vollert

Wed. 13 Nov 2024

09:30 – 12:45

Tutorial 3 (2024BUSI-CORE-T3-EM):

Presentation Techniques,
Bettina BROCKMANN

13:45 - 17:00

Tutorial 4 (2024BUSI-CORE-T4-EM):

Accounting & Finance,
Dr. Maximilian WACHTER

Tue. 19 Nov 2024: Quiz multiple choice, online (available 24h)

Schedule Specialized Part

Fri. 06 Dec 2024

09:30 – 17:00

Lecture 5 (2024BUSI-SPEC-L5-EM):

Management in the Energy Sector - Market Roles, Function &
Participants in Liberalized Energy Markets,
Topic and Market Role Assignment for Presentations
Prof. Dr.-Ing. Joachim MÜLLER-KIRCHENBAUER

Fri. 24 Jan 2025

09:30 – 17:00

Lecture 6 (2024BUSI-SPEC-L6-EM):

Information Systems in the Energy Sector,
Dr. Volker BÜHNER

Sat. 25 Jan 2025

09:30 – 17:00

Lecture 7 (2024BUSI-SPEC-L7-EM):

Marketing,

Prof. Dr. Justin BECKER

Thu. 13 Feb 2025

09:00 – 17:30

Examination: Presentations, in total 8 hours, pass/fail,

Prof. Dr. Dodo ZU KNYPHAUSEN-AUFSESS

Prof. Dr.-Ing. Joachim MÜLLER-KIRCHENBAUER

Literature

- [1] Robert M. Grant, Contemporary strategy analysis, Published by John Wiley & Sons Ltd. (2010).
 - [2] Zott, C., Amit, R., & Massa, L. (2011). The business model: recent developments and future research. Journal of Management, 37(4), 1019-1042.
 - [3] Casadesus-Masanell, R., & Tarzijan, J. (2012). When one business model isn't enough.
 - [4] Robbins, Judge (2016): Essentials of Organizational Behavior, p. 118-125
 - [5] Marketing: Malcolm McDonald; Alisa Kolsaker(2014), MBA Marketing, Red Globe Press; Auflage: 2014
 - [6] Weygandt, J.J./Kieso, D.E./Kimmel, P.D. (2016), Financial Accounting, 10th ed., Wiley. (+ online course, videos, interactive tutorials on WileyPLUS).
- Bebbington, J./Gray, R./Laughlin, R. (2001), Financial Accounting – Practice and Principles, 3rd ed., Thomson. Brealey, R.A./Myers, S.C./Allen, F. (2017), Principles of Corporate Finance, 12th ed., McGraw-Hill.

Module Economics (6 ECTS)

Prof. Dr. rer. pol. Georg ERDMANN

Department of Energy Systems

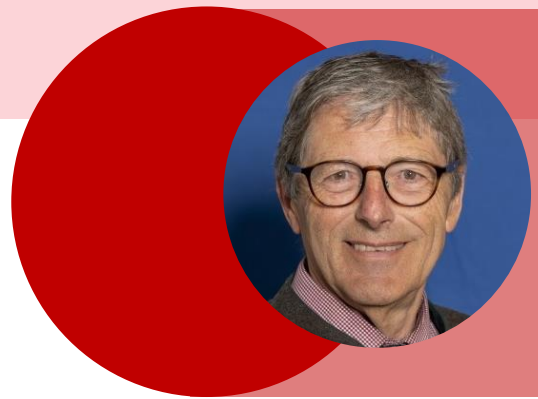
T.U. Berlin

Einsteinufer 25 (TA 8), 10587 Berlin

FT Building, Room 025

+49 (0)30 314 24 656

georg.erdmann@tu-berlin.de



Aims and Scope

This module provides students with core knowledge of economics in the field of mobility, building a foundation for the coming modules. Students are taught to apply this knowledge independently to selected cases. It runs in parallel to Module 1, Technology.

Keywords

Welfare analysis; prices and markets; market forms; production and pricing decisions; natural resource economics; merit order effects; external effects; trading in allowances; fundamentals of investment decisions; market failures and regulation; sustainability; global commons; security of supply.

Examination (6 ECTS, graded)

Written exam, 90 minutes, graded (CORE & Specialized Part)

Written paper, five pages (Preparatory Exercise/ Prerequisite)

Schedule Core Part

Wed. 20 Nov 2024

13:45 – 17:00

Tutorial 1A (2024ECON-CORE-T1A):

Academic Writing 1: Literature Review and Citation

Benjamin GROSSE, M.Sc. and Maximilian EVERS, M.Sc.

Fri. 22 Nov 2024

9:30 – 17:00

Lecture 01 (2024ECON-CORE-L1):

General Economics, Microeconomics, Macroeconomics, History of Economic Thought,

Prof. Dr. Roland MENGES

Sat. 23 Nov 2024

9:30 – 17:00

Lecture 02 (2024ECON-CORE-L2):

General Economics, Microeconomics, Macroeconomics, History of Economic Thought,

Prof. Dr. Roland MENGES

Wed. 27 Nov 2024

13:45 – 17:00

Tutorial 1B (2024ECON-CORE-T1B):

Academic Writing 2: Objective and Problem Statement

Maike KALZ, M.Sc.

Sat. 30 Nov 2024

09:30 – 12:45

Tutorial 2 (2024ECON-CORE-T2-EM):

Microeconomics, Macroeconomics,
Sarah ELSHEIKH, M.Sc.

13:45 – 17:00

Tutorial 3 (2024ECON-CORE-T3-EM):

Microeconomics, Macroeconomics,
Sarah ELSHEIKH, M.Sc.

Wed. 04 Dec 2024

09:30 – 12:45

Tutorial 4 (2024ECON-CORE-T4-EM):

Microeconomics, Macroeconomics,
Sarah ELSHEIKH, M.Sc.

13:45 – 17:00

Tutorial 5 (2024ECON-CORE-T5-EM):

Microeconomics, Macroeconomics,
Sarah ELSHEIKH, M.Sc.

Mon. 20 Jan 2025

10:00 – 11:30

Tutorial Q&A (2024ECON-Q&A-EM):

Exam Q&A Online via Zoom,
Sarah ELSHEIKH, M.Sc.
Prof. Dr. Aaron PRAKTIKNJO

Schedule Specialized Part

Thu. 21 Nov 2024 **ECON Paper Announcement and start of the writing process
(2024ECON-SPEC-Paper Announcement)**

Mon. 06 Jan 2025 **ECON Paper (Spec. Examination), 5 Pages (Preparatory
Exercise/Prerequisite)
(2024ECON-Spec-Paper Handing In)**

Wed. 08 Jan 2025

9:30 – 17:00

Lecture 3 (2024ECON-SPEC-L3-EM):

Fundamentals in Energy Economics,
Prof. Dr. rer. pol. Georg ERDMANN

Fri. 10 Jan 2025

09:30 – 17:00

Lecture 4 (2024ECON-SPEC-L4-EM):

Environmental Economics I,
Prof. Dr. Aaron PRAKTIKNJO

Sat. 11 Jan 2025

09:30 – 17:00

Lecture 5 (2024ECON-SPEC-L5-EM):

Environmental Economics II,
Prof. Dr. Aaron PRAKTIKNJO

Wed. 15 Jan 2025

09:30 – 12:45

Tutorial 6 (2024ECON-SPEC-T6-EM):

Environmental Economics
Prof. Dr. Aaron PRAKTIKNJO

TBA/TBC

Company Presentation (2024ECON-SPEC-X1-EM):
Energy Access and Development Program (EADP),
Dr. Dawud ANSARI

Fri. 17 Jan 2025

Econ Paper Feedback about permission to take the exam
(2024ECON-SPEC-Paper Feedback 1 EM_only)

Thu. 23 Jan 2025

10:00 – 11:30

Exam CORE & Spec. Part (2024ECON-EXAM)
Written, 90 minutes, graded (written Paper is a pre-requirement)

14:00 – 16:00

Excursion (2024ECON-SPEC-X2-EM):
Futurium Berlin

Wed. 12 Feb 2025

Econ Paper deeper Feedback to support LAW paper **(2024ECON-SPEC-Paper Feedback 2)**

Literature

- [1] Bhattacharyya, S.C. (2019), Energy Economics: Concepts, Issues, Markets and Governance, 2nd ed., Springer, London.
- [2] Mankiw, N.G. (2021), Principles of Economics, 9th ed., Cengage Learning, Boston.
- [3] Parkin, M. (2019), Economics, Global Edition, 13th ed., Pearson, Harlow, England. Chapters 1-3; 4-5; 8-9; 10-11; 12-13; 16-17; 21-22; 24, 27.
- [4] Zweifel, P., Praktiknjo, A. and Erdmann, G. (2017), Energy Economics, Springer, Berlin, Heidelberg.

Module Law (6 ECTS)

**Prof. Dr. iur. Dr. rer. pol. Dres. h.c.
Franz Jürgen SÄCKER Hon.Ph.D.(PCCC)**
Technische Universität Berlin



Aims and Scope

The students will learn about the fundamentals of Civil, Private and Commercial Law as well as core aspects of Public Law and Policy relevant to the energy industry. The module covers international, European and the interaction of those legal frameworks for a comprehensive and coherent energy transition.

Keywords

Energy law; energy trade and international contracts; UN conventions; WTO; ECT; contract law; EFET contracts; the legal system of the EU and the Third Energy Package; Germany's Energiewende and EEG; EU secondary law vs. regional developments; environmental law; state aid.

Examination (6 ECTS, graded)

Law paper, 10 pages, graded

Schedule Core Part

Fri. 31 Jan 2025

09:30 -17:00

Lecture 1 (2024LAW-CORE-L1):

Fundamental of European Business Law,
Prof. Dr. Lydia SCHOLZ

Schedule Specialized Part

Sat. 01 Feb 2025

09:30 – 17:00

Lecture 2 (2024LAW-SPEC-L2-EM):

Sustainable Energy Transition: Boundaries between competition and regulatory law in the Energy Sector in the context of the Paris-Agreement,
Dr. Oliver KOCH

Mon. 03 Feb 2025

Whole day

Excursion (2024LAW-SPEC-X1-EM):

EEX in Leipzig

Wed. 05 Feb 2025

09:30 – 17:00

Lecture 3 (2024LAW-SPEC-L3-EM):

The EU Legal Framework for Infrastructure Regulation,
PD Dr. Carsten KÖNIG

- Sat. 08 Feb 2025 **Tutorial 1 (2024LAW-SPEC-T1-EM/Busu):**
09:30 -12:45 Professional Law Paper Writing
Dr. Ebru TUNCEL
- 13:45 – 17:00 **Tutorial 2 (2024LAW-SPEC-T2-EM):**
Introduction to EU Law
Dr. Ebru TUNCEL
- Wed. 12 Feb 2025 **Excursion 2 (2024LAW-SPEC-X2-EM):**
09:30 – 12:45 International Dispute Resolution in the Energy Sector
Agnieszka Ason
- Fri. 14. Feb 2025 **Lecture 4 (2024LAW-SPEC-L4-EM):**
09:30 - 17:00 Energy Security of Supply and Tensions with an Emission-Neutral Future,
Dr. Anna Samsel VAN HAASTEREN
- Sat. 15 Feb 2025
09:30 – 12:45 **Tutorial 3 (2024LAW-SPEC-T3-EM):**
Legal Framework for Energy Trading and Supply
Prof. Dr. Susanne WENDE

Sat. 15 Feb 2025 - Paper, (Spec. Examination) 10 pages, graded
Tue. 25 Feb 2025 – 2024LAW Paper in due
(23:59)

Literature

- [1] Angus Johnston and Guy Block. EU Energy Law. Oxford University Press, 2012.
[2] Kim Talus. EU Energy Law and Policy. A Critical Account. Oxford University Press, 2013.
[3] Kate L. Turabian. A Manual for Writers of Research Papers, Theses, and Dissertations. The University of Chicago Press, 2013.

Other information

Exam Retakes

TECH: 3rd April, 8:00 – 10:00am, Unixpool

ECON: 10th April, 10:00 – 11:30, Unixpool

BUSI: individual appointment

LAW: individual appointment

Summer semester 2025

Duration of Semester: 01.04.2025 - 30.09.2025

Lecture period: 14.04.2025 - 19.07.2025

Lecture-free period: 21.07.2025 - 30.09.2025

Re-registration: TBA

SECOND SEMESTER

SUSE 2025



Module Management (12 ECTS)**Prof. Dr. Søren SALOMO**

Chair of Technology and Innovation Management

Sekt. H71, Room H 7104

Straße des 17. Juni 135 | 10623 Berlin

Phone: 0049-30-314-26728

salomo@tu-berlin.de**Aims and Scope**

Students are able to independently identify, analyze, and design strategic and operational approaches to managing technologies and innovation, taking into account the consequences of environmental changes for planning, management, and controlling. They do this by incorporating interdependent technological, economic, business, and legal processes in companies and organizations while considering social responsibility and sustainable development. Students will be able to define the main features of energy management, apply problem-solving skills to case studies using different fields of knowledge, and present options for optimizing the energy sector.

Keywords

Business models & plans; small group communication; leadership; environmental communication; corporate social responsibility (CSR); conflict management; change management; risk management; operational excellence; system services and energy services; Germany's energy transformation; management of reactive power; energy storage and transformation; links to the energy sector; energy management.

Examination (12 ECTS, graded)**Two quizzes (12P+8P=20P)****Business plan poster presentation (40P)****Written assignment (40P)****Schedule**

Mon. 14 Apr. 2025 9:00 – 11:00	Module Opening & Design Thinking (2024MGMT-T1) Instruction: From Business to Management Prof. Dr. Dodo zu Knyphausen-Aufseß
11:30 – 17:00	Problem Scouting and Design Thinking Dr. Dietfried Clobocnik
Tue. 15 Apr. 2025 13:45 – 17:00	Excel Crash I (tbc) Wassim Brahim
Wed. 16 Apr. 2025 9:30 – 17:00	Technology and Innovation (2024MGMT-L1) Prof. Dr. SØREN SALOMO
Thu. 17 Apr. 2025 9:30 – 17:00	Technology and Innovation (2024MGMT-L2) Prof. Dr. SØREN SALOMO
Wed. 23 Apr. 2025 9:30 – 17:00	Managerial Accounting & Controlling (2024MGMT-L3) Prof. Dr. Karola Bastini

Fri. 25 Apr. 2025 Data-Driven Decision Making and Operations (2024MGMT-L4)
9:30 – 17:00 Nico Gärtner & Jannis David

Sat. 26 Apr. 2025 Data-Driven Decision Making and Operations (2024MGMT-L5)
9:30 – 17:00 Nico Gärtner & Jannis David

Mon. 28 Apr. 2025 Examination 1-1: Quiz 1 (online)

Mon. 05 May 2025 Innovation Management (2024MGMT-L6)
9:30 – 17:00 Dr. Birgit Peña Häufler

Tue. 06 May 2025 Innovation Management (2024MGMT-L7)
9:30 – 17:00 Dr. Birgit Peña Häufler

Wed. 07 May 2025 Academic Writing III (2024MGMT-T2)
9:30 -12:45 Dr Felix Grün

13:45 – 17:00 **Business Plan**
Dr. Karina Cargaman

Fri.09 May 2025 Strategy and Business in Energy Sector (2024MGMT-L8)
9:30 – 17:00 Prof. Dr. Joachim Müller-Kirchenbauer

Sat. 10 May 2025 Masterclass of International Energy Contract Negotiation
9:30 – 17:00 Agnieszka Ason

Wed. 14 May 2025 Decision Psychology (2024MGMT-T4)
9:30 – 12:45 Dr Felix Grün

13:45 – 17:00 **Excel Crash II**
Maximilian Evers

Fri. 16 May 2025 Communication and Leadership (2024MGMT-L9)
9:30 – 17:00 Bettina Brockmann

Sat. 17 May 2025 Communication and Leadership (2024MGMT-L10)
9:30 – 17:00 Bettina Brockmann

Mon. 19 May 2025 Examination 2: Written Assignment (online submission)

Wed. 28 May 2025 Management in Energy Sector I (2024MGMT-L11)
9:30 – 17:00 Dr Christian Nabe

Fri. 30 May 2025 Management in Energy Sector II (2024MGMT-L12)
9:30 – 17:00 Dr. habil. Hans-Günter Schwarz

Sat. 31 May 2025 Management in Energy Sector III (2024MGMT-L13)
9:30 – 17:00 Dr. habil. Hans-Günter Schwarz

Mon. 02 Jun 2025 Examination 1-2: Quiz 2 (online)

Wed. 18 Jun 2025 Examination 3: Oral Poster Presentation (campus)
9:30 – 17:00

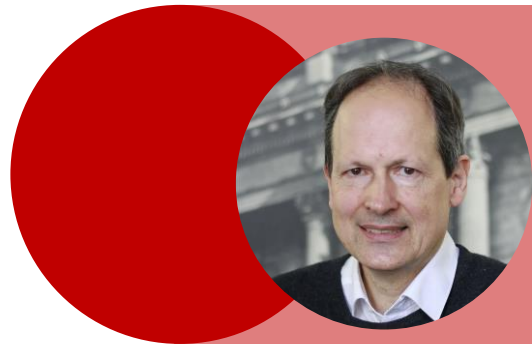
Mon. 07 Jul.2025 Boot Camp (Centre of Entrepreneurship, TU Berlin)

Literature

- [1] Kerzner, H. (2013) Project Management – A Systems Approach to Planning, Scheduling, and Controlling, Wiley, New York
- [2] Cooper, R. (2008)
- [3] Christensen, C. et al. (2016)

Module Investment (6 ECTS)

Prof. Dr. Christian VON HIRSCHHAUSEN
Chair Workgroup for Infrastructure Policy (WIP)
Berlin University of Technology
Straße des 17. Juni 135, D-10623 Berlin
+49-(0)30-314 25 048
cvh@wip.tu-berlin.de

**Aims and Scope**

This module looks at investment decisions in the context of long-term energy infrastructure (generation, storage, transport/distribution) from a decision-maker perspective. The students master the basic methods of investment calculation and the common financial instruments and forms of financing. They apply problem-solving skills in a critically reflective manner to investment decisions and determine strategic approaches to solving complex problems. The knowledge acquired enables them to assess the advantages and disadvantages of various financing instruments and make advantageous decisions in the context of investment projects. They are also able to plan infrastructure projects and analyze their risks.

Keywords

Investments in energy infrastructure (networks, storage facilities, and power plants); determining capital costs; capital structure decisions; investment calculations; risk assessment and management; behavioral economics; financial instruments and forms of financing; principles of safeguarding liquidity; cost of capital rate; capital structure decisions; special purpose vehicles; portfolio management; asset management.

Examination (6 ECTS, graded)

Written exam: Investment memo, max. ten pages

Schedule

Tue. 29 April 2025

09:30 – 17:00

Lecture 01 (2024INV-L1-EM):

Investment I: Introduction,
Prof. Dr. Christian VON HIRSCHHAUSEN &
Dr. Dipl.-Ing. Jens WEIBEZAHN

Wed. 30 April 2025

09:30 – 17:00

Lecture 02 (2024INV-L2-EM):

Investment II: Electricity Markets and Investment Simulations,
Dr. Dipl.-Ing. Jens WEIBEZAHN

Wed. 21 May 2025

09:30 – 17:00

Lecture 03 (2024INV-L3-EM):

Risk Management in Energy Markets and Investments in
Renewables,
Dr. Florian LEUTHOLD

Thu. 22 May 2025

09:30 – 12:45

Tutorial 01 (2024INV-T1-EM):

Fundamental Modeling I: Introduction to Optimization,
Dispatch Modeling in Excel,
Dr. Jens WEIBEZAHN

13:45 – 17:00

Tutorial 02 (2024INV-T2-EM):

Fundamental Modeling I: Introduction to Optimization,
Dispatch Modeling in Excel,
Dr. Jens WEIBEZAHN

Fri. 23 May 2025

09:30 – 12:45

Tutorial 03 (2024INV-T3-EM):

Fundamental Modeling II,
Dr. Jens WEIBEZAHN

13:45 – 17:00

Tutorial 04 (2024INV-T4-EM):

Fundamental Modeling II,
Dr. Jens WEIBEZAHN

Sat. 24 May 2025

09:30 – 17:00

Lecture 04 (2024INV-L4-EM):

Investments III: Fundamental Modeling and Venture Capital,
Dr. Dipl.-Ing. Jens WEIBEZAHN

TBC Wed. 04 Jun 2025

09:30 – 12:45

Company Case 01 (2024INV-X1-EM):

ENETRAG SE,
Dr. Cinthya L. GUERRERO, Team Leader Funding Acquisition

13:45 – 17:00

Company Case 02 (2024INV-X2-EM):

HanseWerk Group,
Dr. Clemens GERBAULET, Team Lead Grid Operation Principles

Thu. 5 Jun 2025

Take Home Exam Submission–Written (max. 10 pages), graded

Literature

-
- [1] Kirschen, Daniel and Strbac, Goran (2019): Fundamentals of Power System Economics
 - [2] Stoft, Steven (2002): Power System Economics
 - [3] Gatti, Stefano (2018): Project Finance in Theory and Practice: Designing, Structuring, and Financing Private and Public Projects
 - [4] Yescombe, E. R. (2013): Principles of Project Finance
 - [5] Barcelona, Ricardo G. (2017): Energy Investments - An Adaptive Approach to Profiting from Uncertainties

Module Energy Networks (6 ECTS)**Prof. Dr.-Ing. Kai STRUNZ**

Head of Chair Sustainable Electric Networks
and Sources of Energy

Secr. EMH 1

Einsteinufer 11, D-10587 Berlin

kai.strunz@tu-berlin.de

**Aims and Scope**

This module discusses the technical and organizational challenges of network management in the context of environmental changes. It looks at transformation processes between different forms and sources of energy and considers novel technological developments. Students will be able to identify highly specialized knowledge about energy networks, partly based on the latest technical developments and findings. They will also be able to critically evaluate fundamental problems of network management and present options for optimizing network management.

Keywords

Network management; liquid fuels and pipelines vs. power transmission; convergence; substitution and interoperability; redundancy principle; power-to-gas; power-to-heat; mobility-to-grid; combined heat and power (CHP); virtual power plants; demand response; smart meters; contracts; RES integration; network management technologies; prosumers; IT and network conversion; next-generation networks; micro smart grids.

Examination (6 ECTS, graded)**Written exam****Schedule**

Fri. 06 Jun 2025

09:30 – 17:00

Lecture 01 (2024NETW-L1-EM):

Introduction into Energy Grids, Energy Networks and Sector
Coupling,

Prof. Dr.-Ing. Joachim MÜLLER-KIRCHENBAUER

Sat. 07 Jun 2025

09:30 – 17:00

Lecture 02 (2024NETW-L2-EM):

Electricity Grids,

Prof Dr.-Ing. Kai STRUNZ

Tue. 10 Jun 2025

09:30 – 14:00

Excursion (2024NETW-X1-EM):

Grid Operation & Management,
GridLab

Wed. 11 Jun 2025

09:30 – 12:45

Tutorial 01 (2024NETW-T1-EM):

Energy Grids, Energy Networks and Sector Coupling,
M.Sc. Maximilian EVERS

13:45 – 17:00	Tutorial 02 (2024NETW-T2-EM): Electricity Grids M.Sc. Christian WIEZOREK
Fri. 13 Jun 2025 09:30 – 17:00	Lecture 03 (2024NETW-L3-EM): TBA Prof. Dr. Gioia FALCONE
Sat. 14 Jun 2025 09:30 – 17:00	Lecture 04 (2024NETW-L4-EM): TBA Prof. Dr. Gioia FALCONE
Fri. 20 Jun 2025 09:30 – 17:00	Lecture 05 (2024NETW-L5-EM): Grid Operation & Management, Dr. Mattias MÜLLER-MIENACK
Sat. 21 Jun 2025 09:30 – 17:00	Lecture 06 (2024NETW-L6-EM): Energy Networks Management, Prof. Dr.-Ing. Joachim MÜLLER-KIRCHENBAUER
Wed. 25 Jun 2025 14:00 – 17:00	Excursion (2024NETW-X2-EM): Vattenfall Cooling Centre at Potsdamer Platz
Sat. 27 Jun 2025 09:30 – 12:45	Tutorial 03 (2024NETW-T3-EM): Transport Grids & E-Mobility, M.Sc. Benjamin GROSSE
13:45 – 17:00	Tutorial 04 (2024NETW-T4-EM): Energy Grids, M.Sc. Sebastian WILLEMSSEN
17:00 – 18:30	Exam Q&A (2024NETW-EXAM-Q&A): M.Sc. Benjamin GROSSE and Maximilian EVERS
Wed. 02 Jul 2025 09:00 – 12:00	Exam (2024NETW-EXAM-EM) - Written, graded
Wed. 9 Jul 2025 14:00 – 17:00	Excursion (2024NETW-X3-EM): Siemens Energy, Innovation Center Berlin

Module Regulations (6 ECTS)**Prof. Dr.-Ing. Joachim MÜLLER-KIRCHENBAUER**

Academic Director

Institute Technologie und Management (ITM)

Faculty Wirtschaft und Management

sec. H 69, Room H 6118

Straße des 17. Juni 135, 10623 Berlin

+49 (0) 30 314-23214

energymanagement@master.tu-berlin.de**Aims and Scope**

Students will be able to critically reflect on the current theory and practice of regulation in Germany and Europe in both the electricity and gas sectors, assess the significance and effects of regulation on both the energy system and companies, and present options for optimizing regulation management.

Keywords

Regulation and how it is formed; impact of electricity and gas regulations on energy and natural resource companies; unbundling; network access; tariff regulation; capacity markets; energy markets.

Examination (6 ECTS, ungraded)**Portfolio (presentation and REGU-Paper)****Schedule**

Wed. 02 Jul 2025

13:45 – 17:00

Tutorial 01 (2024REGU-T1-EM):

Professional Writing II: Designing Legal Reports,
Dr. Simon SCHÄFER-STRADOWSKY

Thu. 03 Jul 2025

09:30 – 11:00

Company Case 01 (2024REGU-X1-EM):

ACER

Fri. 04 Jul 2025

09:30 – 17:00

Lecture 01 (2024REGU-L1-EM):

Introduction to Regulation,
Prof. Dr.-Ing. Joachim MÜLLER-KIRCHENBAUER

Fri. 05 Jul 2025

09:30 – 17:00

Lecture 02 (2024REGU-L2-EM):

Regulation of Energy Grids – the EU Level,
Dr. Susanne NIES

Wed. 09 Jul 2025

13:45 – 17:00

Tutorial 02 (2024REGU-T2-EM):

Academic Writing IV: Writing Process and Structuring,
Maike KALZ

Fri. 11 Jul 2025

09:30 – 17:00

Lecture 03 (2024REGU-L3-EM):Regulation of Energy Grids – the National Level,
Dr. Bodo HERRMANN

Sat. 12 Jul 2025

09:30 – 17:00

Lecture 04 (2024REGU-L4-EM):Regulation of Energy Grids – the Business Level,
Dr. Oliver FRANZ

Wed. 16 Jul 2025

09:30 – 11:00

Company Case 02 (2024REGU-X2-EM):

Stromnetz Berlin

11:15 – 12:45

Company Case 03 (2024REGU-X3-EM):

CORESO

13:45 – 15:15

Company Case 04 (2024REGU-X4-EM):

TBC

15:30 – 17:00

Company Case 05 (2024REGU-X5-EM):

50Hertz

Fri. 18 Jul 2025

09:30 -17:00

Student Presentations 1 (2024REGU-Presentation):Prof. Dr.-Ing. Joachim MÜLLER KIRCHENBAUER, M.Sc., Dr.
Benjamin Grosse and M.Sc. Maximilian Evers

Sat. 19 Jul 2025

09:30 -17:00

Student Presentations 2 (2024REGU-Presentation):Prof. Dr.-Ing. Joachim MÜLLER KIRCHENBAUER, M.Sc., Dr.
Benjamin Grosse and M.Sc. Maximilian Evers

Thu. 31 Jul 2025

23:59

Paper Submission (2024REGU-EXAM-EM)

THIRD SEMESTER

WISE 2025/26



Elective Modules (6ECTS + 6ECTS)

Aims and Scope

In their last semester, students look at current energy-related practical issues and challenges. Students choose two elective modules out of 9 (priority for specialized courses). In parallel, students work on their master's thesis.

Assessment

You will receive 6 ECTS (credits) for each course.

Type of assessment: Portfolio

Students who do not pass may repeat at the end of the current semester.

Task and point allocation

(Learning process evaluation)	Project - Contribution to the discussion, 25%
(Output evaluation)	Oral presentation, 50%
(Output evaluation)	Presentation materials/written composition (term paper), 25%

Each course is limited to 25 students.

Elective Module Efficiency Management (6 ECTS)**Prof. Dr.-Ing. Joachim MÜLLER-KIRCHENBAUER**

Academic Director

Institute Technologie und Management (ITM)

Faculty Wirtschaft und Management

sec. H 69, Room H 6118

Straße des 17. Juni 135, 10623 Berlin

+49 (0) 30 314-23214

energymanagement@master.tu-berlin.de**Module Details**

The far-reaching changes brought about by the energy transition are increasingly affecting other industries. Policy objectives and stricter regulations require companies to be more responsive to their energy and resource consumption, but there can also be great opportunities. In addition to potential savings through greater energy efficiency, the utilization of flexibility options can also be used to justify new business models.

In this module, innovative research approaches in the fields of energy efficiency and building technology will be analyzed and applied in cooperation with companies from the respective fields, offering students and companies alike an attractive cooperation at the interface of entrepreneurial practice, research and science – a win-win situation for both sides.

Students look at aspects of buildings and energy efficiency, including greenhouse gas emissions, demand management, combined heat and power, process chain management, energy efficiency technologies, amortization calculations, local heating and cooling supply, project management, and ISO standards. In doing so, they apply the knowledge gained in earlier modules in practice.

Schedule

Wed. 15 Oct 2025

13:40 – 17:00

2024 EM Extra Master Thesis Tutorial

Maike KALZ

Fri. 17 Oct 2025

09:30 – 17:00

Lecture 01 (2024EFFM-L1):

Introduction to EFFM,

Prof. Dr.-Ing. Joachim MÜLLER-KIRCHENBAUER & Frank Jirjis

Fri. 24 Oct 2025

09:30 – 17:00

Lecture 02 (2024EFFM-L2):

Dr. Cinthya GUERRERO

Fri. 31 Oct 2025

09:30 – 17:00

Lecture 03 (2024EFFM-L3):

Jessica Schönebeck

Wed. 12 Nov 2025

09:30 – 17:00

Lecture 04 (2024EFFM-L4):

Dr. Cinthya GUERRERO

Sat. 22 Nov 2025

09:30 – 17:00

Lecture 05 (2024EFFM-L5):

Frank Jirjis

Sat. 06 Dec 2025

09:30 – 17:00

Lecture 06 (2024EFFM-L6):

Christian Dworak

Fri. 30 Jan 2026

09:30 – 17:00

2024EFFM-EXAM_1:

Interim Presentations

Prof. Dr.-Ing. Joachim MÜLLER-KIRCHENBAUER

Fri. 13 Feb 2026

09:30 – 17:00

2024EFFM-EXAM_2:

Interim Presentations

Prof. Dr.-Ing. Joachim MÜLLER-KIRCHENBAUER

Elective Module Global Energy & Rural Electrification (6 ECTS)

Dr. Dawud ANSARI, M.Sc.

Director and founder at EADP

Policy consultant and researcher at the German Institute for International and Security Affairs

Visiting scholar at the German Institute for Economic Research (DIW Berlin)

Consultant and coach

(Senior) Lecturer at multiple institutions

Linkedin: <https://de.linkedin.com/in/dawudansari>

Twitter: https://twitter.com/dawud_ansari



2 Parallel streams will be available:

Stream 1: (2024GERE1)

Global Energy and Rural Electrification - Policy, Strategic Foresight, and Data

Stream 2: (2024GERE2)

Global Energy and Rural Electrification - Electricity Modelling

Important note: After the final placements you can choose one of the two streams

Stream 1 Aims and Scope (Dr. Dawud Ansari)

Students can describe, analyze, and evaluate the role of developing and emerging countries in global energy systems as well as their local and regional challenges, peculiarities, and opportunities. You can explain and apply energy-related macroscopic concepts such as economic development and path dependency. Students understand macroscopic concepts as well as political programs and efforts related to energy in developing and emerging countries and can contextually classify and evaluate measures and developments, especially against the background of the term energy poverty and its characteristics. Students are familiar with various off-grid technologies and can choose between them, including the use of suitable methods of integrative planning. Finally, students can act better in group projects, understand the process of development cooperation and can understand and design central elements in it, and are aware of their responsibility for global as well as local sustainable development.

Stream 2 Aims and Scope (Prof. Dr. Christian von Hirschhausen)

The elective course "Global Energy and Rural Electrification - Electricity Modelling" covers key aspects of energy access and the role of renewable energy technologies in rural electrification, focusing on Sustainable Development Goal 7 (SDG7). The course begins with an introduction to SDG7, which aims to ensure access to affordable, reliable, sustainable, and modern energy for all. It includes an overview of the sub-goals, global progress, and the roles of various stakeholders such as governments,

private sectors, NGOs, and international bodies. Students will explore the economic, social, and environmental benefits of electrification, along with the unique challenges and solutions for peri-urban versus remote areas. We will also emphasize on decentralized renewable energy technologies with a special focus on off-grid solutions for energy access. It includes strategies for grid extension and the integration of off-grid technologies. Further key topics include policy development frameworks supporting energy access and DRE deployment, innovative financing mechanisms, and the role of public-private partnerships. Case studies on business models for energy access are also covered. We will have practical sessions on energy modeling using Excel and HOMER Pro. Students will learn to create data sets, run simulations, and evaluate results for rural electrification projects. This course provides a comprehensive understanding of the multifaceted dimensions of energy access and the practical skills needed to contribute to sustainable electrification solutions globally.

Schedule (Both streams are scheduled for the same date and time)

Stream 1

Mon. 20 Oct 2025

09:30 – 17:00

Lecture 01 (2024GERE1-L1):Introduction to GERE 1,
Dr. Dawud ANSARI

Tue. 21 Oct 2025

09:30 – 17:00

Lecture 02 (2024GERE1-L2):

Dr. Dawud ANSARI

Wed. 22 Oct 2025

09:30 – 17:00

Lecture 03 (2024GERE1-L3):

Dr. Dawud ANSARI

Thu. 23 Oct 2025

09:30 – 17:00

Lecture 04 (2024GERE1-L4):

Dr. Dawud ANSARI

Wed. 05 Nov 2025

09:30 – 17:00

Lecture 05 (2024GERE1-L5):

Dr. Dawud ANSARI

Thu. 06 Nov 2025

09:30 – 17:00

Lecture 06 (2024GERE1-L6):

Dr. Dawud ANSARI

Fri. 07 Nov 2025

09:30 – 17:00

Lecture 07 (2024GERE1-L7):

Dr. Dawud ANSARI

Stream 2

Mon. 20 Oct 2025

09:30 – 17:00

Lecture 01 (2024GERE2-L1):

Introduction to GERE 2,

Prof. Dr. Christian VON HIRSCHHAUSEN

Tue. 21 Oct 2025

09:30 – 17:00

Lecture 02 (2024GERE2-L2):

Prof. Dr. Christian VON HIRSCHHAUSEN

Wed. 22 Oct 2025

09:30 – 17:00

Lecture 03 (2024GERE2-L3):

Prof. Dr. Christian VON HIRSCHHAUSEN

Thu. 23 Oct 2025

09:30 – 17:00

Lecture 04 (2024GERE2-L4):

Prof. Dr. Christian VON HIRSCHHAUSEN

Wed. 05 Nov 2025

09:30 – 17:00

Lecture 05 (2024GERE2-L5):

Prof. Dr. Christian VON HIRSCHHAUSEN

Thu. 06 Nov 2025

09:30 – 17:00

Lecture 06 (2024GERE2-L6):

Prof. Dr. Christian VON HIRSCHHAUSEN

Fri. 07 Nov 2025

09:30 – 17:00

Lecture 07 (2024GERE2-L7):

Prof. Dr. Christian VON HIRSCHHAUSEN

Final Presentations and Wrap-Up, Fishbowl and Paper submission; both streams

Wed. 14 Jan 2026

09:00 – 17:30

FINAL PRESENTATIONS (2024GERE1/2-L8):

Dr. Dawud ANSARI & Prof. Dr. Christian VON HIRSCHHAUSEN

Wed. 21 Jan 2026

09:30 – 12:45

Lecture 09 (2024GERE1/2-L9):

Wrap-Up, Fishbowl and Paper submission; both streams,

Dr. Dawud ANSARI & Prof. Dr. Christian VON HIRSCHHAUSEN

Elective Module Modern Project Management (6 ECTS)**Prof. Dr. André DECHANGE**

Professor at Fachhochschule Dortmund –
University of Applied Sciences and Arts

Linkedin: <https://www.linkedin.com/in/andr%C3%A9-dechange-174863/>

**Course Description**

The overall qualification goal of the module is to enable the students to plan, implement, and successfully complete projects economically, efficiently, and according to modern traditional, agile and hybrid management methods.

This course focuses on the core issues of projects and project management and provides an insight of project characteristics and project management approaches and core methods.

In this course the terms and meanings of traditional, agile and hybrid project management as well as multi-project management and standardization of project management are introduced.

Cases are analysed and discussed to develop an understanding of projects and project management. The discussions contain the typical project constraints as scope, time, cost, stakeholders, risks, etc. as well as criteria for success and failure, project context and organization.

The latest developments concerning traditional, agile und hybrid project management are taught. National and international standards of single- and multi-project management are addressed and linked to the corresponding lectures.

Schedule

Thu. 13 Nov 2025

09:30 – 17:00

Lecture 01:

Prof. Dr. André DECHANGE

Fri. 14 Nov 2025

09:30 – 17:00

Lecture 02:

Prof. Dr. André DECHANGE

Sat. 15 Nov 2025

09:30 – 17:00

Lecture 03:

Prof. Dr. André DECHANGE

Thu. 08 Jan 2026

09:30 – 17:00

Lecture 04:

Prof. Dr. André DECHANGE

Fri. 09 Jan 2026

09:30 – 17:00

Lecture 05:

Prof. Dr. André DECHANGE

Sat. 10 Jan 2026

09:30 – 17:00

Lecture 06:

Prof. Dr. André DECHANGE

Fri. 23 Jan 2026

09:30 – 17:00

Lecture 07:

Prof. Dr. André DECHANGE

Sat. 24 Jan 2026

09:30 – 17:00

Lecture 08:

Prof. Dr. André DECHANGE

Elective Modules from Sustainable Mobility (SuMo):

Dates	Module Details
Wed. 19 Nov 2025 Thu. 20 Nov 2025 Wed. 26 Nov 2025 Thu. 27 Nov 2025 Fri. 28 Nov 2025 Wed. 03 Dec 2025 Thu. 04 Dec 2025 Fri. 05 Dec 2025 (Confirmed but may change due to unexpected reasons)	Freight and Transport Logistics Prof. Dr. Jens Wollenweber Module Aims: Students will acquire knowledge, skills and strategies required to optimize the movement of goods and goods while minimizing environmental impact and improving economic efficiency. By achieving these goals, students will be able to address the complex challenges of the freight transportation industry, including environmental sustainability, efficiency and resilience, and drive positive change through the adoption of sustainable logistics practices and innovative solutions.
TBC	Entrepreneurship in Sustainable Mobility
Mon. 20 Oct 2025 Tue. 21 Oct 2025 Mon. 03 Nov 2025 Tue. 04 Nov 2025 Mon. 17 Nov 2025 Tue. 18 Nov 2025 Mon. 08 Dec 2025 Tue 09 Dec 2025: (Final Presentation) (Confirmed but may change due to unexpected reasons)	Urban and Transport Planning: Concepts and Experiences Wulf-Holger Arndt Module Aims: After this module students are able to: • identify factors that distinguish the mobility sector and related challenges in developing and emerging countries from those in industrialized countries; • to use analytical methods in various institutional and economic contexts on this basis; and • to develop effective instruments based on this to realize sustainable urban mobility. Case studies introduce mobility challenges with focus but not limited to emerging countries and students will learn how to develop suitable and effective instruments to address these Course Content: Introduction, Definitions, Worldwide urbanisation, Spatial structure and traffic Planning system, strategies and measures for sustainable urban mobility Solutions human oriented transport planning, active modes promotion Urban freight transport Cargohopper, Cargobike Smart City and digitalisation, Smart Mobility, E-Mobility - solutions for emerging countries? Solutions promotion of public transport, Transit Oriented Development (TOD),... Worldwide best practices in Sustainable Urban Mobility Planning Guest lectures and excursions are planned

Elective Modules from Building Sustainability (BuSu):

Dates	Module Details
Mon. 27 Oct 2025 Mon. 10 Nov 2025 Mon. 24 Nov 2025 Mon. 08 Dec 2025 Mon. 05 Jan 2026 Mon. 12 Jan 2026 Mon. 26 Jan 2026 Mon. 09 Feb 2026 Mon. 23 Feb 2026	Energy-Efficient Societies Lecturer: TBC Module Aims: The aim of energy-efficient buildings is embedded in specific socio-economic discourses. The idea of energy efficiency can, therefore, be understood differently according to the social and cultural context. This module examines different understandings of energy efficiency and its consequences for project managers (i.e. students of this master's program), other building and energy experts, users, and society. Students also gain knowledge and skills for dealing with different target groups and reflecting on their own projects that have been developed in other courses or introduced in practice-based lecture series. Module Content: Students taking this module will: • be introduced to different ways of understanding energy efficiency in a more global context • learn about the social consequences of energy efficiency • learn more about the different roles and professional profiles for students • analyze good and bad project management practices, including in their own project work • acquire skills to deal with complex and diverse target groups (i.e. peer experts, contractors, users in different project contexts) • acquire conflict management skills (communication, participation, and cooperation)
TBC	Sustainable Building Principles and LCA Lecturer: Attila Kovacs
TBC	Circular Business in Building (CBB) Lecturer: Charleen von Kolpinski & José Mercado

For questions on the **Energy Management** Modules please address:

Dr. Jing Wu

jing.wu.1@campus.tu-berlin.de

Gernot Bohmann

gernot.bohmann@campus.tu-berlin.de

For questions on the **Building Sustainability** Modules please address:

Phillip Hebert

p.hebert@campus.tu-berlin.de

Narjes Tamalli

tamalli@campus.tu-berlin.de

For questions on the **Sustainable Mobility** Modules please address:

Dr. Massimo Moraglio

massimo.moraglio@campus.tu-berlin.de

Nora Bonatz

nora.bonatz@campus.tu-berlin.de

Module Master Thesis

Supervisors Individual.

Aims and Scope

Students demonstrate with the Master Thesis their capability of independently addressing a problem from their study program, based on scientific methods, within a specific deadline. Once registered for the thesis, students have four months to conclude.

Schedule

To start the master's thesis, 60 CP must have been earned; this equals successful completion of all mandatory modules M1-M8. Technically, the earliest starting date is therefore six weeks after the last exam. The thesis can be postponed but should be completed in the third term.

Contents Individual.

Form Fifty pages, plus introduction and annex(es); In English; Scientific standards prerequisite; More detailed formal requirements to be announced.

tba Tutorial/FAQ: Preparation for Master Thesis and Term III
Dr. Jing Wu & Gernot Bohmann, M.Sc.

Graduation Ceremony MBA Energy Management 2024-26

July 2026
Details to be announced

Alumni Program

With your degree, you become part of the alumni network. Alumni receive invitations to participate in the further extension of the academic program and to events held on the campus and within the network.

As the program rolls over, you are cordially invited to participate in the curricular and extracurricular events of the following academic year(s).



Faculty

Lecturers & Tutors

Dr. Dawud ANSARI

*Economist at DIW Berlin
Director at EADP
Lecturer/Consultant*

**Prof. Dr. Karola BASTINI**

*Professor
Faculty of Economics and Management
Institute of Business Administration
Technische Universität Berlin*

**Kristian BÄNSCH, M.Sc., Ph.D. Candidate**

*Research Associate
Chair of Production and Operations Management
Technische Universität Berlin*

**Prof. Dr. Justin BECKER**

*Universität der Künste Berlin
Berlin Career College
CEO and Managing Partner at M·BBB*

**Agnieszka ASON**

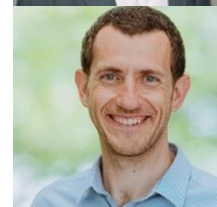
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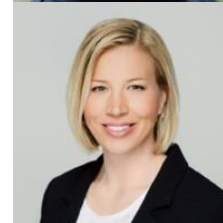
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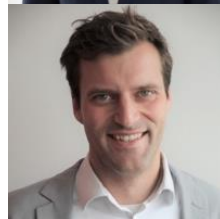
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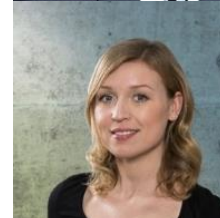
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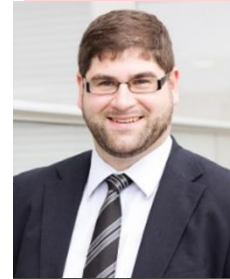
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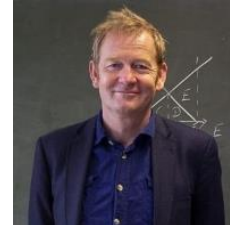


Dr. Florian LEUTHOLD

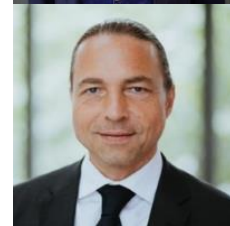
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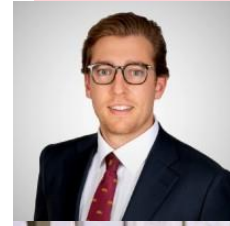
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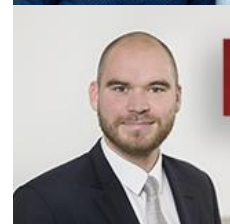
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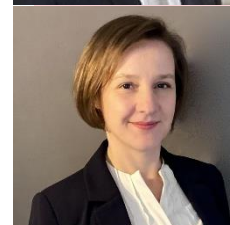
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