



European and International Energy Law

One-year Master's Degree Course (MBL)
Taught in English
Berlin, Germany



Welcome to Technische Universität Berlin

Dear Students,

Welcome to the internationally renowned Technische Universität Berlin located in Germany's capital city at the heart of Europe. I am most delighted that you have chosen our institution for your master's degree.

With over 30.000 students, TU Berlin is one of the largest universities of technology in Germany. One of our most important tasks is to prepare our students for the challenges they will face in the future.

The Master program "European and International Energy Law" focuses on the technical, economic and legal principles related to gas and power markets. The program will provide you with basic knowledge and skills connecting theory, research and practice. For these educational objectives, the EUREF Campus of TU Berlin offers an inspiring atmosphere and a great number of outstanding scientific events.

With this brochure, we would like to help you in getting started at TU Berlin. You will find an introduction to the Master program as well as helpful links and contact details. For further information, please do not hesitate to contact our team of the Academic Advisory and Examination Office. They are here to assist you with all the necessary formalities.

I wish you a motivating and successful time at our university.

Prof. Dr. Christian Thomsen
President



Introduction

Dear Students,

The Master program “European and International Energy Law” gives young professionals with a legal or economic background the opportunity to gain in-depth knowledge about the regulation of energy infrastructure and energy markets.

The focus is on the transition of a fossil energy market to an energy market based on renewable energy sources with an optimal reduction of CO₂. The degree can be attained in one year as a full-time program.

The program is based on a learning concept that combines traditional “in-class” teaching on Thursdays and Fridays with various excursions and independent study. Students will not only be instructed by professors of law and economics, but also by specialized legal practitioners from competition and regulatory authorities, law firms and businesses with a great deal of case experience. All courses are held in English.

I warmly welcome you to the master program and wish you an inspiring and rewarding time with students from all over the world in Berlin’s cosmopolitan atmosphere.



Prof. Dr. Dr. Dres. h.c. Franz Jürgen Säcker
Academic Director



Study Energy Law with the Experts

Get in touch with the latest trends in the energy sector

The master program “European and International Energy Law” is held under the direction of Professor Dr. iur. Dr. rer. pol. Franz Jürgen Säcker, a leading expert on the regulation of energy infrastructure and markets in Europe.

His main research areas include the advancement of competition in the European energy markets and the development of the energy sector in an era of ever greater reliance on renewable energy (‘Energiewende’). Research activities focus on German and European regulatory law and policy; energy efficiency and climate change law; energy contract law and consumer protection law; and antitrust law in the electricity and gas markets.

The legal challenges arising from Germany’s ‘Energiewende’ and its effects on competition in energy markets is an area of intense study. Current research projects deal with the further development of support schemes for renewable energies, the introduction of tendering processes to the German Renewable Energy Act (EEG), and the evaluation of future amendments to the German Energy Act (EnWG) as well as to relevant implementing acts like the Incentive Regulation Ordinance (‘Anreizregulierungsverordnung’, ARegV).

Professor Säcker also publishes large-scale commentaries and handbooks on energy and regulatory law. The “Berliner Kommentar zum Energierecht” (Berlin Commentary on Energy Law), first published in 2004, has become a standard reference work and today encompasses six volumes. The “Handbuch zum deutsch-russischen Energierecht” (German-Russian Handbook on Energy Law), published in 2010, is the result of five years of close cooperation with Russian universities.



The Course Program and Structure

Benefit from a varied and practice-oriented curriculum

The Master in European and International Energy Law (MBL Energy) is a one-year postgraduate program focusing on the regulation of energy markets in Europe.

The MBL Energy is one of the first programs worldwide with a clear focus on energy and regulatory law. Students gain specialized skills and knowledge that reach far beyond the basics of energy law, enabling them to pursue successful careers in the energy industry, law firms and regulatory authorities.

With energy regulation being a particularly complex and dynamic area of law, the MBL curriculum is continually added to in order to reflect the latest research. More recent developments such as the ongoing digitalization of energy markets, the growth of renewable energy schemes and the progression of the European energy transition are essential components of students' learning experience.



The curriculum of the MBL Energy is completed by informative excursions which are intended to solidify students' understanding of the respective module and to provide insight into the practical application of the course content.

Our visits typically include gas and energy intensive undertakings, a manufacturer of renewable energy systems, TSO and DSO service providers as well as EEX, Europe's leading energy exchange.

Module Description

Module 1: Legal Framework for the Functioning of Energy Markets

The module is designed as an introduction to the structure and methodology of European and international energy law. Students are provided with the necessary understanding of the European and international dimension of energy law and learn about the fundamental principles that influence the development and application of energy law in Europe. The harmonization of energy security and CO₂ reduction through renewable energy resources (RES) is the most important goal of the energy transition policy in the EU (“Clean Energy for all Europeans”).

Students become acquainted with the EU's Single Market and study the important role of fundamental freedoms as a prerequisite for a well-functioning European energy market. Furthermore, they learn about the development of European energy law as a sector-specific application of regulatory and competition law. For this purpose, students explore the theoretical concepts of EU competition and state aid law and apply their knowledge to cases.

Module 2: Economic Fundamentals of Regulatory Law

The module provides a general introduction to economics and the theoretical foundations of regulatory law, which is specifically tailored to the needs of energy law students. They learn about fundamental concepts such as the theory of natural monopolies and are provided with the necessary knowledge to understand how the energy sector works. Special emphasis is given to recent developments such as Germany's ‘Energiewende’. This way, students learn to analyze energy law provisions in an economic context.

Module 3: Regulatory Law

By comparing the law of the EU and its Member States with the law of other countries with close ties to the European energy markets such as Norway, Switzerland and Russia, this module explores the fundamental principles of infrastructure and network regulation. Students learn about the commonalities of competition law and the law of public utilities and study the structure and core concepts of energy infrastructure regulation like third-party access, regulation of grid charges, and unbundling in depth.

Module 4: Technical Fundamentals and Related Legal Provisions for Electricity Generation

The module focuses on the legal framework for electricity generation – the first stage of the electricity value chain. It starts with an introduction to the technical and economic background of electricity generation, acquainting students with technologies like renewable energy, combined heat and power and carbon capture and storage.

Students learn about planning and permitting procedures as well as environmental law issues (CO₂ reduction). Furthermore, they explore the EU and international law foundations of emissions trading and familiarize themselves with support schemes for electricity generation from renewable energy in Germany and other European countries.

Module 5: Legal Framework for Transmission and Distribution Networks (TSO & DSO)

The module deals with the legal framework that applies to the construction and operation of electricity and gas grids in Europe. Students explore the liberalization of energy markets since the 1990s and study its main ideas.

Grid access, regulation of grid charges and grid connection regimes for offshore wind farms are explored in detail, for example in case studies. Furthermore, the module introduces students to the recent debate on network development and familiarizes them with its legal challenges. Finally, students learn about the importance of network security and the legal obligations of system operators in this regard.

Module 6: Legal Framework for Energy Trading and Supply

The module addresses energy wholesale trading and introduces students to the final stage of the value chain: electricity and gas supply. In view of the growing digitalization of energy markets, students will also become familiar with the latest developments on blockchain technologies and how these affect energy trading and supply.

Students learn about the functioning of energy exchanges as well as the importance of bilateral contracts. In practical exercises, students become acquainted with the different kinds of energy products and explore how to negotiate and draft electricity and gas supply contracts, inter alia. Finally, students are taught about the external energy relations of the EU and their importance for security of supply.

Schedule

Semester I

Legal Framework for the Functioning of Energy Markets

Module 1

Themes:

- Introduction to the Law of the European Energy Union
- Introduction to the Methodology of European Law; Fundamentals of European Law; Market Freedoms
- Competition Law
- European State Aid Law
- International Energy Investment Law
- The energy sector and international law
- Excursion

Examination: Paper (10 pages)

Economic Fundamentals of Regulatory Law

Module 2

Themes:

- Introduction to Economic Principles of Regulation
- Deepening of students' knowledge with case studies
- Economic Fundamentals of Regulatory Law
- Excursion

Examination: Exam

Regulatory Law

Module 3

Themes:

- From Competition Law to Regulatory Law
- Completing the European Internal Energy Market
- Introduction to Swiss, Russian, Chinese and US Energy Law

Examination: Paper (10 pages)

Technical Fundamentals and Related Legal Provisions for Electricity Generation

Module 4

Themes:

- Technical Foundations for Energy Generation and Supply
- Legal framework for renewable energy plants and combined heat and power production
- The authorization procedure for energy plants
- EU renewable energy law and climate change aspects (CO₂ reduction)
- Emission Trading Systems
- Excursion

Examination: Exam

Semester II

Legal Framework for Transmission and Distribution Networks (TSO & DSO)

Module 5

Themes:

- EU Infrastructure Regulation
- Network development and market integration
- Operation of electricity networks and infrastructure convergence
- Product liability law related to energy industries
- Grid regulation
- Excursion

Examination: Oral reports

Legal Framework for Energy Trading and Supply

Module 6

Themes:

- Energy Trade Law
- Energy Supply Contracts
- Digitalization of energy markets
- International energy law
- European energy policy in an international context
- Gas supply to the European Union
- Excursion

Examination: Paper (10 pages)

Master's Thesis

Working independently under supervision of faculty members, students write a final thesis to scientific standards on a subject they choose in close cooperation with faculty. This phase of the program assures a swift integration with the energy sector proper.

Lecturers

Lecturers who will teach the program:

Michael Albers	Former Hearing Officer for Competition Cases, European Commission, Brussels
Agnieszka Ason	Visiting Research Fellow, Oxford Institute for Energy Studies, Oxford
Dr. Dirk Böhler, LL.M.	Attorney on Environmental Law, private practice, Berlin
Christian Cleutinx	Associate Fellow, Clingendael International Energy Programme, The Hague
Dr. Christian Hampel	Attorney of Law, Ernst & Young GmbH, Berlin
Prof. Dr. Andreas Heinemann	Chair for Trade Law, Economic Law and European Law, University of Zurich
Prof. Dr. Steffen Hindelang	Professor with special responsibilities, University of Southern Denmark, Odense
Peter Hohaus	Deputy Manager, Uniper SE, Berlin
Steffen Knepper	Director, Baker Tilly, Düsseldorf
Dr. Oliver Koch	Deputy Head of Wholesale Markets Electricity & Gas, DG Energy, European Commission, Brussels
Dr. Carsten König, LL.M.	Postdoctoral researcher at the Chair for Civil Law, Competition Law, Regulatory Law, Law of the Digital Economy, University of Cologne
Prof. Dr. Torsten Körber, LL.M.	Chair for Civil Law, Competition Law, Regulatory Law, Law of the Digital Economy, University of Cologne
Dr. Matthias Lang	Partner, Bird & Bird LLP, Düsseldorf
Dr. Jörg Meinzenbach, LL.M.	Attorney of Law, Hengeler Mueller, Düsseldorf
Prof. Dr. Antonis Metaxas	Managing Partner, Metaxas & Associates Law Firm, Athens
Prof. Dr. Joachim Müller-Kirchenbauer	Professor for Management of Energy and Resources, School for Technology and Management, Faculty for Economics and Management of Technical University Berlin
Dr. Nino Kobadze	Associate, Freshfields Bruckhaus Deringer, Berlin
Dr.-Ing. Matthias Müller-Mienack	Technical Head, GridLab GmbH, Frankfurt
Arne Riedel, LL.M.	Fellow at Ecologic Institute, Berlin
Dr. Anna Samsel van Haasteren	Deputy Head of Unit, DG Competition, European Commission, Brussels
Dr. Jan Peter Sasse	Division Economic Policy Issues, Federal Network Agency, Bonn

Tibor Scharf	Member of legal service at European Commission, Brussels
Prof. Dr. Lydia Scholz	Professor for Economic Law, Hochschule Bremen (City University of Applied Sciences)
Dr. Ansgar Schönborn, LL.M.	Corporate & Antitrust, M&A Legal at Axel Springer SE, Berlin
Prof. Dr. Ulrich Schwalbe	Head of Department of Microeconomics and Industrial Organization, University Hohenheim
Ana Stanic	Solicitor Advocate, E&A Law, London
Prof. Dr. Dirk Uwer	Partner, Hengeler Mueller, Düsseldorf
Kasper Walet	Founding Partner, AI Energizer, Haarlem
Dr. Martin Weitenberg	Counsel, Clifford Chance, Düsseldorf
Dr. Susanne Wende, LL.M.	Associated Partner, Noerr LLP, Munich
Lars Zeigermann	Research Associate, Düsseldorf Institute for Competition Economics (DICE)
Dr. Daniel Zimmer	Counsel, Hengeler Mueller, Düsseldorf
Tilo Zimmermann	Managing Director, PONTON, Hamburg

Academic Direction and Master Course Team

Academic Director:

Prof. Dr. Dr. Dres. h.c. Franz Jürgen Säcker Hon.Ph.D.(PCCC)

Supervisor:

Sandra Lubahn

Academic Coordinator:

Thekla Hillebrecht, LL.M.

Cooperation with Experts

The master program is supported by a scientific advisory board consisting of well-acknowledged experts from international law firms, the energy industry, national competition and regulatory authorities as well as the European Commission.

Michael Albers Agnieszka Ason	former Hearing Officer, European Commission Visiting Research Fellow, Oxford Institute for Energy Studies
Prof. Dr. Carl Baudenbacher Dr. Ingo Brinker, LL.M. Christian Cleutinx Dr. Marc Gabriel, LL.M. Dr. Annegret Groebel Jochen Homann Prof. Dr. Hui Huang	former President, EFTA Court Partner, Gleiss Lutz former Commissioner, European Commission Partner, Baker & McKenzie Head of Department, Federal Network Agency President, Federal Network Agency Professor of Law, Peking University School of Transnational Law
Dr. Oliver Koch Prof. Dr. Torsten Körber, LL.M.	Deputy Head of Unit, DG Energy, European Commission Chair for Civil Law, Competition Law, Regulatory Law, Law of the Digital Economy, University of Cologne
Prof. Dr. Jürgen Kühling, LL.M.	Chair for Public Law, Real Estate Law, Infrastructure Law and Information Law, University of Regensburg
Xiaofei Mao	Research Fellow, Institute of Law and Institute of International Law, Chinese Academy of Social Sciences, Peking
Dr. Jörg Meinzenbach, LL.M. Dr. Frank Montag Andreas Mundt Dr. Andreas Rosenfeld Dr. Anna Samsel van Haasteren	Counsel, Hengeler Mueller Partner, Freshfields Bruckhaus Deringer LLP President, Bundeskartellamt Partner, Redeker Sellner Dahs Deputy Head of Unit, DG Competition, European Commission
Dr. Horst Satzky	Managing Member of the Executive Board, Research Institute for Economy and Competition (FIW)
Dr. Jan Peter Sasse Tibor Scharf Dr. Boris Scholtka Prof. Dr. Lydia Scholz	Division Economic Policy Issues, Federal Network Agency Member of Legal Service, European Commission Partner, PwC Legal Professor, Hochschule Bremen (City University of Applied Sciences)
Prof. Dr. Ulrich Schwalbe	Head of Department, Interdisciplinary Research Center for Competition Policy and Competition Law, University Hohenheim
Ana Stanic	Solicitor Advocate and Founder, E&A Law

Application for the Master Program

The application deadline is April 30th of each year for a start in October of the same year.

The following documents are required:

- Motivation letter in English (max. 1 page A4)
- Tabular CV (with information about educational and professional background)
- University degree recognized by German universities (at least 240 ECTS)
- Proof of working experience of at least one year (preferably in the relevant working Areas of energy) after completion of the studies
- Proof of knowledge of the English language at Level B2 (or higher) of the Common European Framework of Reference for Languages (CEFR) (not required for high School graduation in English)
- Further documents such as references may be submitted

You can find more information about the application procedure online on our website:

www.master-in-energy.com

The number of students is limited to 30 per year. An admission committee will decide about selection based on results of former studies, the study profile, and further relevant qualifications that were attained outside university.

You can send your application via the website, via email, or via postal service.

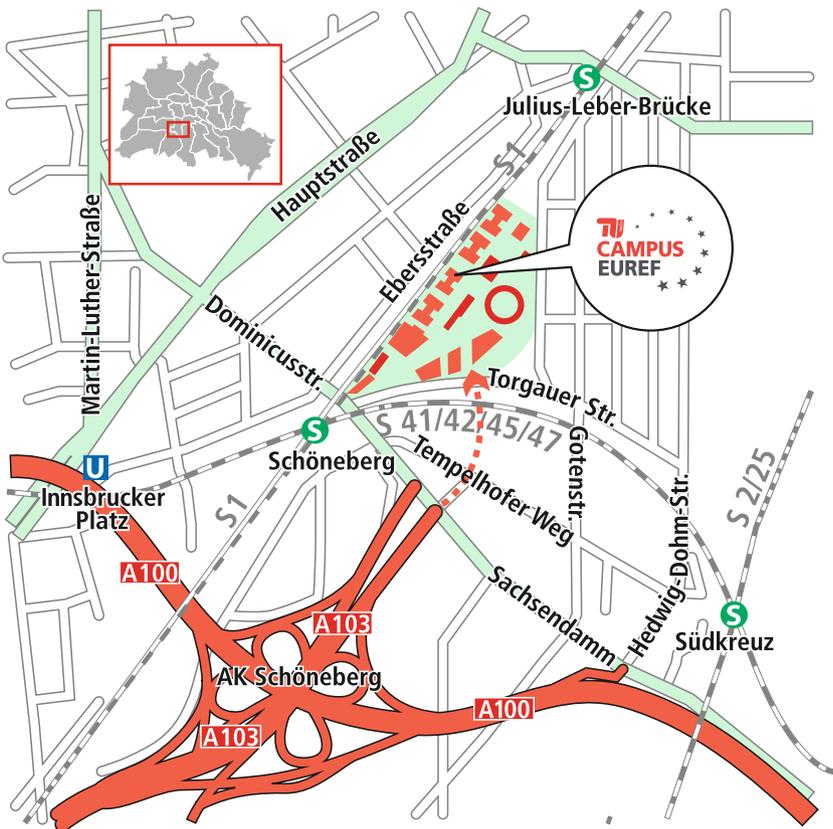
If you have any questions, please contact us at contact@law.tu-berlin.de or contact@master-in-energy.com.



The EUREF-Campus

The study location is on the site of the European Energy Forum (EUREF) around the historical Gasometer in Berlin-Schöneberg. The Campus is the setting of an innovative community including applied research, economic and policy consultancies mainly based on the philosophy of sustainability.

Students who are the future mobility experts learn in close cooperation with leading enterprises and institutions located on the EUREF-Campus to become acquainted also with practical projects in the field of energy, infrastructure and mobility.



Imprint

TUBS GmbH – TU Berlin ScienceMarketing
c/o Energy Law

Hardenbergstrasse 19
10623 Berlin

Bildnachweise:
Vorder- und Rückseite: Max Dreßler
S. 1; 12: © TU Berlin/Pressestelle



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