

# AMTLICHES MITTEILUNGSBLATT

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# I. I. Legal and Administrative Provisions

## Faculties

### Study and Examination Regulations for the International Continuing Education Master's Program in European and International Energy Law (MBL) at TU-Campus EUREF of Technische Universität Berlin

of Tuesday, 23 October, 2018

On 23 October 2018, the TU-Campus EUREF Joint Decision-Making Committee of Technische Universität Berlin adopted the following study and examination regulations for the continuing education master's program in European and International Energy Law (MBL) in accordance with Section 18 (1) no. 1 of the Constitution of Technische Universität Berlin and Section 71 (1) no.1 of the Berlin State Higher Education Act (Berliner Hochschulgesetz - BerlHG) in the version of 26 July 2011 (Berlin Gazette of Laws and Ordinances - GVBl., p. 378), last amended by Section 6 of the BerlHG on 2 February 2018 (GVBl. p. 160).\*

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#### I. General regulations

##### Section 1 – Scope of application

These study and examination regulations set out the aims and structure of this degree program as well as the requirements and arrangements of the examinations in the international continuing education master's program in European and International Energy Law. The program-specific provisions included herein supplement the Regulations Governing General Study and Examination Procedures of Technische Universität Berlin (*Ordnung zur Regelung des allgemeinen Studien- und Prüfungsverfahrens - AllgStuPO*).

##### Section 2 – Entry into force/expiration

(1) These regulations shall enter into force on the day after their

publication and apply to students enrolled from the 2019/2020 winter semester onwards.

The study and examination regulations for the international continuing education master's program in European and International Energy Law of 23 March 2014 (TU official gazette 28/2014 p. 317) will no longer apply once the present study and examination regulations take effect.

In addition to the students mentioned in paragraph 1, these study and examination regulations apply to all students that are already enrolled in the European and International Energy Law master's program.

### II. Program objectives and structure

#### Section 3 – Learning outcomes, program content and professional fields

(1) Students in the application-oriented, continuing education master's program acquire a common theoretical and practical knowledge base in the field of European and international energy law, taking into account their different knowledge bases on entering the program. They will learn how to legally assess complex issues relating to the electricity and gas markets and to develop and present solutions. Given the importance of functioning gas and electricity markets for modern economies and societies, the continuing education master's program in European and International Energy Law is concerned with the technological, economic and legal frameworks for electricity and gas markets. At the core of this master's program is a comprehensive approach to energy market regulation that involves not only understanding the technical and economic concepts but also the fine-grained legal issues along the value chain in gas and electricity markets.

The students will familiarize themselves with continental European legal methodology in order to be able to apply energy regulatory law. Given the global importance of functioning energy markets, European and international energy law will be compared with Russian and American regulatory law. This comparative law approach enables students to recognize and navigate the key structures of a variety of regulatory systems. The students familiarize themselves with new regulatory systems and, as a result, will be able to meet the challenges presented by continual changes in energy regulatory law and the international nature of energy markets.

The program brings together theory and practice by selecting an appropriate mix of teaching staff and combining classic lectures with excursions. This enables the students to develop solutions for energy law problems that are both legally sound and practicable. The focus here is on the learning process. State-of-the-art teaching methods provide students with core skills and establish a link to practice and research.

Lectures and seminars on the campus at the Schöneberger Gasometer offer students an attractive environment in which they can experience and help shape knowledge and technology transfer between Technische Universität Berlin and companies operating in this field. In addition, excursions provide a link to specific areas of practice. Students acquire social and subject-related skills, put these to active use in discussions with experts, advancing their own development as well as shaping the future of society.

\* Approved by the TU Berlin Executive Board on 10 February 2019.

Today, the companies and state institutions responsible for providing a modern energy supply must adapt to the complex global nature of gas and electricity markets. The resulting significant increase in demand for goal-oriented expert personnel with wide-ranging training and specialist English skills is not currently being met by existing courses. The TU master's degree meets the demand in this field and prepares students for leadership positions in relevant companies, institutions, and consultancies.

Based on the knowledge acquired in this master's degree, graduates will be able to find employment in both the energy sector and in research. This could involve positions in legal advice (e.g. as an in-house counsel/lawyer) for energy companies (all forms of energy), a legal role in an authority or commission (e.g. the EU Commission, the Bundesnetzagentur - the German federal network agency, or other national or international regulatory authorities), research work at universities and higher education institutions, and political work (e.g. associations).

#### **Section 4 – Program start, standard period of study and required coursework, language of instruction and examination language**

- (1) The program starts in the winter semester.
- (2) The standard period of study, including completion of the master's thesis, is three semesters. The program can be completed on a part-time basis in accordance with Section 23 of the Regulations Governing General Study and Examination Procedures AllgStuPO.
- (3) The program is worth 60 credit points.
- (4) The teaching curriculum and the entire examination procedure are structured and organized in such a way as to enable students to complete the program within the standard period of study.
- (5) The program is organized in such a way that an optional study-related stay abroad can be completed within the standard period of study. For this purpose, mobility windows in full-time and part-time degrees are possible in the second semester in accordance with Section 4(2) sentence 2 of AllgStuPO).
- (6) The teaching and examination language in the modules and the master's thesis is English.

#### **Section 5 – Program structure**

- (1) Students have the right to individually determine the order of progression of their own course of study. They are, however, obliged to comply with the provisions laid out in these Study and Examination Regulations. The recommended sequence in which modules should be taken is shown in the proposed course schedule in Annex 2 of these regulations. This does not affect any possible constraints resulting from subject-specific admission requirements for modules.
- (2) Students must earn a total of 60 credit points, of which 42 credits are awarded across 6 modules and 18 credits for the master's thesis.
- (3) The modules can be found in the module catalog (Annex 1).
- (4) In accordance with Section 33 (4) of the Regulations Governing General Study and Examination Procedures (*AllgStuPO*), the skills and knowledge to be taught in specific modules, the requirements for module examinations, and the relevant admission requirements, if any, are updated annually in the form of course-specific module catalogs and are published in the Official Gazette of TU Berlin at the beginning of the winter semester in October and the beginning of the summer semester in April.

### **III. Requirements and conduct of examinations**

#### **Section 6 – Aim of the master's examination**

The master's examination determines whether a candidate has achieved the learning outcomes in accordance with Section 3 of these regulations.

#### **Section 7 – The master's degree**

Students who have passed the master's examination are awarded the academic title Master of Business Law (MBL) by Technische Universität Berlin through the TU-Campus EUREF Joint Decision-Making Committee (GKmE).

#### **Section 8 – Scope of the master's examination; calculation of the overall grade**

- (1) The master's examination comprises the module examinations listed in the module catalog (Annex 1) and the master's thesis in accordance with Section 9.
- (2) According to the principles stipulated in Section 47 of the Regulations Governing General Study and Examination Procedures (*AllgStuPO*), the overall grade is to be determined by combining the grades achieved for those examinations arising from modules taken from the module catalog that are marked both as graded and for inclusion in the overall grade together with the grade achieved for the master's thesis.

#### **Section 9 – The master's thesis**

- (1) The master's thesis is usually completed in the second course semester. It amounts to 18 credits and is to be produced within 14 weeks. In the event that important grounds exist that prevent the completion of the thesis within this time frame, and these grounds lie outside of the student's control, the examination board shall grant an extension of the deadline for so long as the grounds in question continue to exist. The total maximum extension possible is 14 weeks. In the event that the combined extensions exceed the stipulated maximum period of extension, the student may withdraw from the examination.
- (2) To apply for admission to the master's thesis, students must submit evidence of having successfully completed module examinations worth at least 33 credit points to the responsible office. The examination board may grant exceptions to students who make a justified request to this effect.
- (3) The topic of the master's thesis may be rejected once, however only within the first four weeks of being issued by the responsible office. Students repeating the master's thesis can only turn down the topic if they did not exercise this right on the first attempt at the master's thesis.
- (4) The procedures for applying for admission to and assessment of a final thesis are regulated in the current version of the Regulations Governing General Study and Examination Procedures (*AllgStuPO*).
- (5) The master's thesis must be written in English. It is approximately 50 pages in length.
- (6) After completion, a single copy of the master's thesis (bound copy) together with an identical digital version must be submitted to the examination board or to the office appointed for this purpose.
- (7) Persons with experience in professional practice and training can be appointed as examiners of final papers.

#### **Section 10 – Types of assessments and examination registration**

The different types of assessments and the procedure for registering for module examinations are established in the

AllgStuPO as amended. In addition, the following types of examination are possible: term paper, excursion report (oral).

### **10a – Term paper**

(1) The term paper is a written assignment through which students are expected to demonstrate their ability to work scientifically on a specific topic from the thematic area covered by the module while placing it in the module's overall context. The written term paper can be combined with an oral component in the framework of the respective course.

(2) The examiner specifies the exact length of the term paper, the resources permitted, rules for the paper's presentation as well as the assessment criteria and informs students accordingly at the start of the module. The term paper may exceed or be less than the number of pages set by the examiner with the examiner's approval. The requirements for registering a term paper and examination period can be found in the module descriptions.

(3) The examiner provides the students with a selection of topics for term papers. When assigning term paper topics, the examiner pays attention to the parity of the various topics and must ensure that students can work on and complete these topics independently, using scientific methods and within the limits of the workload foreseen in the module description.

(4) If several examiners are authorized and appointed to conduct examinations for a module in which a term paper is designated, students are entitled to choose from amongst all those examiners whose courses they have attended in the module. Module supervisors can appoint another examiner in agreement with the candidate if important reasons apply, in particular, if the chosen examiner has an excessive workload in conjunction with examinations.

(5) In some cases, a joint term paper can be produced by several students (group term paper). The module supervisor specifies the details.

(6) The term paper must include page numbers, a table of contents and a list of sources and resources used. It must be submitted to the examiner in electronic form (pdf). When writing the term paper, students must apply accepted rules of referencing and of academic work, e.g. MLA, APA, Harvard, Turabian or similar guidelines. If a candidate is shown to have violated these rules, the module examination is deemed a fail.

(7) The final result of the examination is forwarded to the responsible office for information for filing. The same applies to the term paper.

(8) If the term paper is graded as "Insufficient", it can be repeated up to two times. The student must be informed via the notice board at the latest by the end of the semester in which the term paper was submitted as to whether the term paper was graded as at least "Sufficient" (4.0).

### **Section 10b – Presentation**

(1) The excursion report is an oral assessment through which the student is expected to demonstrate his/her ability to give an academic talk for a specified duration in front of other students on a specific question from the thematic area covered by the module or the excursion carried out within it, while placing the specific topic in the module's overall context.

(2) The excursion report takes place following the excursion on a date set by the examiner during a course's contact hours. As a rule, the actual presentation lasts 10 to 20 minutes. At the start of the course leading to the examination, the examiner informs students whether and which material is to be produced to accompany the presentation (e.g. handout, slides) and whether and in which form presenters must participate in a subsequent discussion or chair such a discussion. The total time for

presentation and discussion may not exceed 45 minutes.

(3) At the start of the module, the examiner sets the presentation topics, examination dates for the module and exact scope of the presentations, permitted resources, rules for presenting the work, procedure for allocating presentation topics, and assessment criteria.

(4) A joint excursion report can be produced by several students (group presentation). The module supervisor specifies the details.

## **IV. Annexes**

**Annex 1: Module catalog**

**Annex 2: Sample Curriculum**

**Annex 3: Module descriptions**

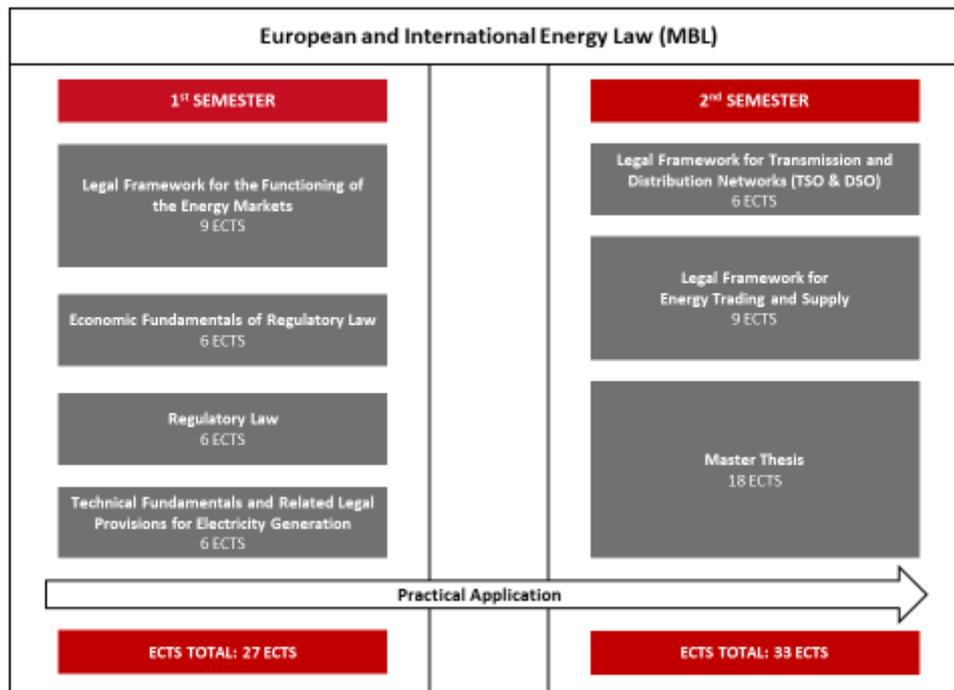
**Annex 1: Module Catalog<sup>1</sup>**

<b>Module</b>	<b>Credit Points (ECTS)</b>	<b>Type of examination</b>	<b>Graded</b>	<b>Weighting in overall grade<sup>2</sup></b>
<b>Compulsory modules</b>				
Legal framework for the functioning of energy markets	9	Written (term paper)	No	-
Economic Fundamentals of Regulatory Law	6	Written (examination)	Yes	1
Regulatory Law	6	Written (term paper)	Yes	1
Technical Fundamentals and Related Legal Provisions for Electricity Generation	6	Written (examination)	Yes	1
Legal Framework for Transmission and Distribution Networks (TSO & DSO)	6	Oral (excursion report)	No	-
Legal Framework for Energy Trading and Supply	9	Written (term paper)	Yes	1
<b>Master's thesis</b>	18			1
<b>Total</b>	60			

<sup>1</sup> The module descriptions are published annually in the Official Gazette of TU Berlin at the beginning of the winter semester in October and at the beginning of the summer semester in April. The version published therein is then valid. (see Section 33 (6) of the Regulations Governing General Study and Examination Procedures – *AllgStuPO*).

<sup>2</sup> Specification “1” means that the grade will be weighted according to the number of credits (Section 47 (6) of the Regulations Governing General Study and Examination Procedures – *AllgStuPO*); “-” means the grade is not weighted; every further figure is a multiplication factor of the number of credits.

## Annex 2: Sample Course Schedule



### Annex 3: Module descriptions

<b>Module title:</b> Legal Framework for the Functioning of Energy Markets	<b>Credit Points (ECTS):</b> 9	<b>Short title:</b> EL – Energy markets			
<b>Module supervisor:</b> Prof. Dr. Jochen MOHR	<b>Office:</b> Sandra Lubahn	<b>Email:</b> Sandra.lubahn@campus.tu-berlin.de			
<b>Module description</b>					
<b>1. Module aims</b>					
<p>This module is an introduction to the principles of European and international energy law. It also covers energy law as a sector-specific application of regulatory and competition law.</p> <p>Students will be able to understand the basic principles of energy law and apply them to selected cases in the energy sector.</p> <p>The module <b>primarily</b> develops the following competencies (in %):            Subject-specific competence [60] Methodological competence [10] Systems competence [20] Social competence [10]</p>					
<b>2. Content</b>					
European law, basic freedoms, competition law, Art. 101 TFEU (prohibition of agreements restricting competition), Art. 102 TFEU (abuse of a dominant position), merger control, state aid, environmental and energy aid guidelines, international law, international investment law, internal dispute resolution procedure, anti-dumping, and energy security.					
<b>3. Module components</b>					
Course title	Course type	Course hours per week	ECTS credits	Compulsory (C) / Elective (E) / Compulsory elective (CE)	Semester (WS/SS)
European Law	IV	2.1	9	C	Winter semester
Competition Law	IV	1.6			
International Law	IV	1			
Excursion	EX	0.6			
EL – Energy markets	TUT	1.3			
<b>4. Description of course types</b>					
Integrated courses (IV) in the form of seminar-style lectures, tutorial, and excursion					
<b>5. Participation requirements</b>					
Enrolled in the continuing education master's in European and International Energy Law (MBL) at TU Berlin.					

**6. Module can be taken in following programs**

Continuing education master's in European and International Energy Law (MBL) at TU Berlin.

**7. Workload and credits**

4.8 hours per week of integrated courses (in person)	9 x 8h	72 h
1.3 hours per week of tutorials (in person)	5 x 4h	20 h
0.6 hours per week for excursion (company program)	1 x 10h	10 h
Preparation and follow-up		72 h
Examination and exam preparation (1 term paper)		96 h

This amounts to a workload of **270 hours** per semester, which is equivalent to **9 credits**.

**8. Module examination and grading**

Graded: no

Type of assessment: written exam

- One term paper (written, 10 pages, 10 days) will be set at the end of the module.
- Students who fail the exam may repeat it at the beginning of the following semester.

**9. Module duration**

The module can be completed in **one** semester.

**10. Number of participants**

Maximum number of participants: 30

**11. Registration formalities**

Students can register for the Moodle course, the tutorial, and the term paper via TUBS.

**12. Reading list and lecture notes**

Lecture notes available in hard copy: No

Lecture notes available in electronic format: Yes

On the Moodle platform for the program:

<https://www.isis.tu-berlin.de/2.0/>

Reading list:

The reading list is provided in the e-learning course on Moodle.

<b>Module title:</b> Economic Fundamentals of Regulatory Law	<b>Credit Points (ECTS):</b> 6	<b>Short title:</b> EL - Economics			
<b>Module supervisor:</b> Prof. Dr. Jochen MOHR	<b>Office:</b> Sandra Lubahn	<b>Email:</b> Sandra.lubahn@campus.tu-berlin.de			
<b>Module description</b>					
<b>1. Module aims</b>					
<p>This module is an introduction to the economic principles of regulatory law and is specifically tailored to the needs of law students.</p> <p>Students will be able to understand energy law in an economic context and use this as a basis for interpreting legislation.</p> <p>The module <b>primarily</b> develops the following competencies:  Subject-specific competence [60] Methodological competence [10] Systems competence [20] Social competence [10]</p>					
<b>2. Content</b>					
Concepts in microeconomics, supply and demand, markets (competitive market, monopoly market, functioning markets, market failure, market regulation, price regulation, energy markets), natural monopolies, merit order effect, price cap regulation, incentive regulation, deregulation, and operating reserve.					
<b>3. Module components</b>					
Course title	Course type	Course hours per week	ECTS credits	Compulsory (C) / Elective (E) / Compulsory elective (CE)	Semester (WS/SS)
Economics	IV	3.7	6	C	Winter semester
Excursion	EX	0.6			
EL – Economics	TUT	1			
<b>4. Description of course types</b>					
Integrated course (IV) with lectures, exercises, tutorials, eLearning course, and company program.					
<b>5. Participation requirements</b>					
Enrolled in the continuing education master's in European and International Energy Law (MBL) at TU Berlin.					
<b>6. Module can be taken in following programs</b>					
Continuing education master's in European and International Energy Law (MBL) at TU Berlin.					

<b>7. Workload and credits</b>		
3.7 hours per week of integrated courses (in person)	7 x 8h	56 h
1 hour per week of tutorials (in person)	4 x 4h	16 h
0.6 hours per week for excursion (company program)	1 x 10h	10 h
Preparation and follow-up		70 h
Examination and exam preparation (1 written exam)		28 h
This amounts to a workload of <b>180 hours</b> per semester, which is equivalent to <b>6 credits</b> .		
<b>8. Module examination and grading</b>		
Graded Type of assessment: written exam - There is one graded exam (written, duration: 90 min) at the end of the module. Students who fail the exam may repeat it at the beginning of the following semester.		
<b>9. Module duration</b>		
The module can be completed in <b>one</b> semester.		
<b>10. Number of participants</b>		
Maximum number of participants: 30		
<b>11. Registration formalities</b>		
Students can register for the Moodle course, the tutorial and the examination via TUBS.		
<b>12. Reading list and lecture notes</b>		
Lecture notes available in hard copy: No Lecture notes available in electronic format: Yes If yes, provide link: On the Moodle platform for the program: <a href="https://www.isis.tu-berlin.de/2.0/">https://www.isis.tu-berlin.de/2.0/</a> The reading list is provided in the e-learning course on Moodle.		

<b>Module title:</b> Regulatory Law	<b>Credit Points (ECTS):</b> 6	<b>Short title:</b> EL - Regulatory Law			
<b>Module supervisor:</b> Prof. Dr. Jochen MOHR	<b>Office:</b> Sandra Lubahn	<b>Email:</b> Sandra.lubahn@campus.tu-berlin.de			
<b>Module description</b>					
<b>1. Module aims</b>					
<p>By comparing European law with the laws of other countries, such as Switzerland and Russia, which are closely linked to European energy markets, this module examines the fundamental principles of infrastructure regulation.</p> <p>Students will learn about the common features of regulatory law and study core concepts of energy regulation such as third-party access, price regulation and unbundling.</p> <p>The module primarily develops the following competencies (in %):  Subject-specific competence [60] Methodological competence [10] Systems competence [20] Social competence [10]</p>					
<b>2. Content</b>					
<p>Liberalization, privatization, regulation, regulatory law, network industries, third energy package, natural monopolies, network access, ex-post and ex-ante control, essential facilities doctrine, regulatory authorities, unbundling, ownership unbundling, ISO, ITO, comparative regulatory law, Chinese energy law, Swiss energy law, Russian energy law and US energy law.</p>					
<b>3. Module components</b>					
Course title	Course type	Course hours per week	ECTS credits	Compulsory (C) / Elective (E) / Compulsory elective (CE)	Semester (WS/SS)
Regulatory Law	IV	3.2	6	C	Winter semester
EL - Regulatory Law	TUT	1			
Excursion	EX	0.6			
<b>4. Description of course types</b>					
<p>Integrated course (IV) in the form of seminar-style lectures, e-learning course, tutorial, exercise and company program</p>					
<b>5. Participation requirements</b>					
<p>Enrolled in the continuing education master's in European and International Energy Law (MBL) at TU Berlin.</p>					
<b>6. Module can be taken in following programs</b>					
<p>Continuing education master's in European and International Energy Law (MBL).</p>					

<b>7. Workload and credits</b>		
3.2 hours per week of integrated courses (in person)	6 x 8h	48 h
1 hour per week of tutorials (in person)	3 x 5h	15 h
0.6 hours per week for excursion (company program)	1 x 10h	10 h
Preparation and follow-up		11 h
Examination and exam preparation (1 term paper)		96 h
This amounts to a workload of <b>180 hours</b> per semester, which is equivalent to 6 credits.		
<b>8. Module examination and grading</b>		
Graded Type of assessment: written exam - One term paper (written, 10 pages, 10 days) will be set at the end of the module. - Students who fail the exam may repeat it at the beginning of the following semester.		
<b>9. Module duration</b>		
The module can be completed in <b>one</b> semester.		
<b>10. Number of participants</b>		
Maximum number of participants: 30		
<b>11. Registration formalities</b>		
Students can register for the Moodle course, the tutorial and the examination via TUBS.		
<b>12. Reading list and lecture notes</b>		
Lecture notes available in hard copy: No Lecture notes available in electronic format: Yes If yes, provide link: On the Moodle platform for the program: <a href="https://www.isis.tu-berlin.de/2.0/">https://www.isis.tu-berlin.de/2.0/</a> The reading list is provided in the e-learning course on Moodle.		

<b>Module title:</b> Technical Fundamentals and Related Legal Provisions for Electricity Generation	<b>Credit Points (ECTS):</b> 6	<b>Short title:</b> EL – Electricity generation			
<b>Module supervisor:</b> Prof. Dr. Jochen MOHR	<b>Office:</b> Sandra Lubahn	<b>Email:</b> Sandra.lubahn@campus.tu-berlin.de			
<b>Module description</b>					
<b>1. Module aims</b>					
<p>This module focuses on the technical and legal framework for electricity generation - the first stage in the electricity value chain. It provides in-depth knowledge of renewable energy law and emissions trading law.</p> <p>Students will be able to critically assess highly specialized knowledge and solve legal problems in the field of electricity generation.</p> <p>The module <b>primarily</b> develops the following competencies (in %):  Subject-specific competence [50] Methodological competence [20] Systems competence [10] Social competence [20]</p>					
<b>2. Content</b>					
Climate change, Paris Agreement, renewable energy law, promotion of renewable energies, combined heat and power generation, power generation plants, grid-related instruments, financial instruments, emissions trading systems (ETS), product liability law, approval procedures, and environmental law.					
<b>3. Module components</b>					
Course title	Course type	Course hours per week	ECTS credits	Compulsory (C) / Elective (E) / Compulsory elective (CE)	Semester (WS/SS)
Electricity generation	IV	3.2	6	C	Winter semester
Excursion	EX	1.3			
EL – Electricity generation	TUT	1			
<b>4. Description of course types</b>					
Integrated course (IV) in the form of seminar-style lectures, e-learning course, and tutorial					
<b>5. Participation requirements</b>					
Enrolled in the continuing education master's in European and International Energy Law (MBL) at TU Berlin (1st-course semester).					
<b>6. Module can be taken in following programs</b>					
Continuing education master's in European and International Energy Law (MBL) at TU Berlin.					

<b>7. Workload and credits</b>		
3.2 hours per week of integrated courses (in person)	6 x 8h	48 h
1 hour per week of tutorials (in person)	4 x 4h	16 h
1.3 hours per week of excursions (company program)	2 x 10h	20 h
Preparation and follow-up		68 h
Examination and exam preparation		28 h
This amounts to a workload of <b>180 hours</b> per semester, which is equivalent to <b>6 credits</b> .		
<b>8. Module examination and grading</b>		
Graded Type of assessment: written exam - There is one graded exam (written, duration: 90 min) at the end of the module. - Students who fail the exam may repeat it at the beginning of the following semester.		
<b>9. Module duration</b>		
The module can be completed in <b>one</b> semester.		
<b>10. Number of participants</b>		
Maximum number of participants: 30		
<b>11. Registration formalities</b>		
Students can register for the Moodle course, the tutorial and the examination via TUBS.		
<b>12. Reading list and lecture notes</b>		
Lecture notes available in hard copy: No Lecture notes available in electronic format: Yes If yes, provide link: On the Moodle platform for the program: <a href="https://www.isis.tu-berlin.de/2.0/">https://www.isis.tu-berlin.de/2.0/</a> The reading list is provided in the e-learning course on Moodle.		

<b>Module title:</b> Legal Framework for Transmission and Distribution Networks	<b>Credit Points (ECTS):</b> 6	<b>Short title:</b> EL – Grid operation			
<b>Module supervisor:</b> Prof. Dr. Jochen MOHR	<b>Office:</b> Sandra Lubahn	<b>Email:</b> Sandra.lubahn@campus.tu-berlin.de			
<b>Module description</b>					
<b>1. Module aims</b>					
<p>This module focuses on the technical and legal framework for the construction and operation of electricity and gas networks in Europe - the second stage in the value chain. The module also explains the importance of network security and in this context, students are familiarized with the legal obligations of system operators.</p> <p>Students will be able to independently consolidate legal knowledge to solve complex problems in the operation of gas and electricity networks and to independently evaluate cases.</p> <p>The module <b>primarily</b> develops the following competencies (in %):  Subject-specific competence [20] Methodological competence [20] Systems competence [30] Social competence [30]</p>					
<b>2. Content</b>					
Technical and operational requirements for networks, network regulation, infrastructure regulation, network development, market integration, market coupling, offshore wind power, and digitization.					
<b>3. Module components</b>					
Course title	Course type	Course hours per week	ECTS credits	Compulsory (C) / Elective (E) / Compulsory elective (CE)	Semester (WS/SS)
Grid operation	IV	2.6	6	C	Summer semester
EL – Grid operation	TUT	1			
Excursion (company program)	EX	0.6			
<b>4. Description of course types</b>					
Integrated course (IV) in the form of seminar-style lectures, e-learning course, and tutorial					
<b>5. Participation requirements</b>					
Enrolled in the continuing education master's in European and International Energy Law (MBL) (2nd-course semester)					
<b>6. Module can be taken in following programs</b>					
Continuing education master's in European and International Energy Law (MBL) at TU Berlin.					

<b>7. Workload and credits</b>		
2.6 hours per week of integrated courses (in person)	5 x 8h	40 h
1 hour per week of tutorials (in person)	4 x 4h	16 h
0.6 hours per week for excursion (company program)	1 x 10h	10 h
Preparation and follow-up		86 h
Examination and exam preparation (excursion report)		28 h
This amounts to a workload of <b>180 hours</b> per semester, which is equivalent to <b>6 credits</b> .		
<b>8. Module examination and grading</b>		
Graded: no Type of assessment: oral exam - There is an oral examination in the form of an ungraded excursion report at the end of the module. - Students who fail the exam may repeat it at the beginning of the following semester.		
<b>9. Module duration</b>		
The module can be completed in <b>one</b> semester.		
<b>10. Number of participants</b>		
Maximum number of participants: 30		
<b>11. Registration formalities</b>		
Students can register for the Moodle course, the tutorial and the examination via TUBS.		
<b>12. Reading list and lecture notes</b>		
Lecture notes available in hard copy: No Lecture notes available in electronic format: Yes If yes, provide link: On the Moodle platform for the program: <a href="https://www.isis.tu-berlin.de/2.0/">https://www.isis.tu-berlin.de/2.0/</a> The reading list is provided in the e-learning course on Moodle.		

<b>Module title:</b> Legal Framework for Energy Trading and Supply	<b>Credit Points (ECTS):</b> 9	<b>Short title:</b> EM – Energy Trade and Supply			
<b>Module supervisor:</b> Prof. Dr. Jochen MOHR	<b>Office:</b> Sandra Lubahn	<b>Email:</b> Sandra.lubahn@campus.tu-berlin.de			
<b>Module description</b>					
<b>1. Module aims</b>					
<p>This module focuses on energy trading and supply, the final stage in the value chain. It looks in particular at the design of energy supply contracts, how energy exchanges work and the importance of energy security.</p> <p>Through practical exercises, students will become familiar with the different types of energy products and learn how to negotiate electricity and gas contracts.</p> <p>The module <b>primarily</b> develops the following competencies (in %):  Subject-specific competence [50] Methodological competence [20] Systems competence [20] Social competence [10]</p>					
<b>2. Content</b>					
Electricity and gas supply contracts (B & B and B & C contracts), drafting of contracts, energy trading, off-exchange trading, electricity exchange, EEX, spot and derivatives markets, wholesale markets, WTO and Energy Charter Treaty, EU external relations, EU-Russia gas supply relations, energy policy, and energy security.					
<b>3. Module components</b>					
Course title	Course type	Course hours per week	ECTS credits	Compulsory (C) / Elective (E)/ Compulsory elective (CE)	Semester (WS/SS)
Energy Trade and Supply I	IV	4.2	9	C	Summer semester
EL - Energy Trade and Supply	Tutorial	1.3			
Excursion (company program)	Integrated courses	0.6			
<b>4. Description of course types</b>					
Integrated course (IV) often in the form of seminar-style lectures, e-learning course, and tutorial.					
<b>5. Participation requirements</b>					
Enrolled in the continuing education master's in European and International Energy Law (MBL) at TU Berlin (2nd-course semester)					
<b>6. Module can be taken in following programs</b>					
Continuing education master's in European and International Energy Law (MBL) at TU Berlin.					

<b>7. Workload and credits</b>		
3.6 hours per week of seminar-style lectures (in person)	8 x 8h	64 h
1.3 hours per week of tutorials (in person)	5 x 4h	20 h
0.6 hours per week for excursion (company program)	1 x 10h	10 h
Preparation and follow-up		80 h
Examination and exam preparation (1 term paper)		96 h
This amounts to a workload of <b>270 hours</b> per semester, which is equivalent to 9 credits.		
<b>8. Module examination and grading</b>		
Graded Type of assessment: written exam - One term paper (written, 10 pages, 10 days) will be set at the end of the module. - Students who fail the exam may repeat it at the beginning of the following semester.		
<b>9. Module duration</b>		
The module can be completed in <b>one</b> semester.		
<b>10. Number of participants</b>		
Maximum number of participants: 30		
<b>11. Registration formalities</b>		
Students can register for the Moodle course, the tutorial and the examination via TUBS.		
<b>12. Reading list and lecture notes</b>		
Lecture notes available in hard copy: No Lecture notes available in electronic format: Yes If yes, provide link: On the Moodle platform for the program: <a href="https://www.isis.tu-berlin.de/2.0/">https://www.isis.tu-berlin.de/2.0/</a> The reading list is provided in the e-learning course on Moodle.		

# **Application and Admission Regulations for the International Continuing Education Master's Program in European and International Energy Law (MBL) at TU-Campus EUREF of Technische Universität Berlin**

**of 23 October 2018**

On 23 October 2018, the Joint Decision-Making Committee of TU-Campus EUREF of Technische Universität Berlin adopted the following Application and Admission Regulations for the continuing education master's program in European and International Energy Law (MBL) in accordance with Section 43 (3) no. 3 of the Constitution of Technische Universität Berlin and Section 10 (5) of the Berlin State Higher Education Act (Berliner Hochschulgesetz – BerlHG) in the version of 26 July 2011 (Berlin Gazette of Laws and Ordinances [GVBl.], p. 378), last amended by Article 6 of the same Act of 2 February 2018 (Berlin Gazette of Laws and Ordinances, p. 160), in conjunction with Section 10 of the Act on the Admission to Higher Education Institutions in the State of Berlin to Degree Programs with Restricted Admission (Berliner Hochschulzulassungsgesetz – BerlHZG) in the version of 18 June 2005 (Berlin Gazette of Laws and Ordinances, p. 393), last amended by Article I of the same Act of 26 June 2013 (Berlin Gazette of Laws and Ordinances, p. 198):\*

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### **I. General regulations**

#### **Section 1 – Scope of application**

These Application and Admission Regulations – in conjunction with the Regulations Governing General Study and Examination Procedures (*AllgStuPO*) and the Statutes of Technische Universität Berlin Governing University Selection Procedures (*AuswahlSa*), as amended from time to time – govern the application, admission and selection modalities for the continuing education master's program in European and International Energy Law. The provisions of the *AllgStuPO* and *AuswahlSa* shall take precedence over the provisions of these Application and Admission Regulation, unless exceptions are expressly permitted therein.

#### **Section 2 – Entry into force/expiration**

(1) These application and admission regulations shall enter into force on the day after their publication in the Official Gazette of Technische Universität Berlin. They shall be applied for the first time to the procedures of the 2019/2020

winter semester. Procedures relating to the 2018/2019 winter semester or earlier will be carried out in accordance with Section 5 of the Admission Regulations for the continuing education master's program in European and International Energy Law of the Technical University of Berlin of March 23, 2014 (TU AMBl. No. 28/2014, p. 315).

(2) The Application and Admission Regulations of March 23, 2014 (TU Official Gazette 28/2014, p.315) will no longer apply once the present regulations take effect.

### **II. Application**

#### **Section 3 – Application requirements**

The entry requirements are

1. a bachelor's or equivalent university degree and
2. suitable practical professional experience of generally no less than one year following the degree

#### **Section 4 – Procedure**

The fulfillment of the admission requirements must be proven during the enrollment procedure in accordance with Sections 16ff. of the Regulations Governing General Study and Examination Procedures (*AllgStuPO*), in cases outlined in Section 15 of the *AllgStuPO* as part of the application for admission. Supporting documents must be submitted in the original or in an officially certified form.

### **III. Admission**

#### **Section 5 – Restriction of the number of eligible candidates**

The number of eligible candidates for the selection process can be restricted. It must be at least double the designated number of admissions. The selection criterion for participation in the selection process is the applicants' qualification level. The selection committee decides on any restriction, the number of eligible candidates, and their selection at the beginning of the selection process.

#### **Section 6 – Ranking criteria**

(1) A ranking of applicants shall be prepared according to the following selection criteria:

1. overall grade in the study program in accordance with Section 3 no.1
2. Subject-specific eligibility of the previous degree
3. For each practical professional experience (for which evidence has been provided) lasting at least six months and following a bachelor's or equivalent university degree
4. Level of English language proficiency for which evidence has been provided
5. Motivation and reasons for applying for the master's program and overall impression of the application documents submitted

(2) For the criterion according to Subsection 1, no. 1, up to 100 points shall be awarded according to the following table:

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\* approved by the Executive Board of TU Berlin on Sunday, February 10, 2019 and by the Senate Chancellery for Science and Research on April 4, 2019

Grade	Points	Grade	Points
1.0	100	2.6	52
1.1	97	2.7	49
1.2	94	2.8	46
1.3	91	2.9	43
1.4	88	3.0	40
1.5	85	3.1	37
1.6	82	3.2	34
1.7	79	3.3	31
1.8	76	3.4	28
1.9	73	3.5	25
2.0	70	3.6	22
2.1	67	3.7	19
2.2	64	3.8	16
2.3	61	3.9	13
2.4	58	4.0	10
2.5	55		

If it is not possible to determine equivalent grades for foreign university qualifications even after consulting the decisions on grade equivalence of the Central Office for Foreign Education at the Standing Conference of the Ministers of Education and Cultural Affairs, points will be awarded according to the following table:

Grade	Points
1.0 to under 1.5	100
1.6 to under 2.5	70
2.6 to under 3.5	40
3.6 to under 4.0	10

(3) For the criterion outlined in Subsection 1, no. 2, points shall be awarded in accordance with the following arrangement:

- 100 points for a law degree program,
- 80 points for an economics degree program
- 60 points for engineering degree programs focusing on law and economics,
- 40 points for other degree programs with legal and commercial law modules
- for degree programs in all disciplines where there is evidence of completing the following modules:

Modules	Grade	Points
on European law	1.0 to under 1.5	10
	1.6 to under 2.5	8
	2.6 to under 3.5	6
	3.6 to under 4.0	4
with content on competition law or competition economics	1.0 to under 1.5	9
	1.6 to under 2.5	7
	2.6 to under 3.5	5
	3.6 to under 4.0	3
on regulatory law	1.0 to under 1.5	10
	1.6 to under 2.5	8
	2.6 to under 3.5	6

Modules	Grade	Points
	3.6 to under 4.0	4

6. 0 points for all other subjects.

(4) For the criterion outlined in Subsection 1, no. 3, points shall be awarded in accordance with the following arrangement:

- for each qualified professional activity in the fields of European, competition and/or regulatory law: 20 points (for every 6 months)
- for each qualified professional activity in the energy sector: 20 points (for every 6 months)
- for each qualified professional activity in other legal and/or economic fields: 5 points (for every 6 months)
- 0 points for all other professional experience.

(5) For the criterion outlined in Subsection 1, no. 4, points shall be awarded in accordance with following arrangement:

Level according to the Common European Framework of Reference for Languages	Points
C2 and higher	80
C1	60
B2	40
B1	10
A2 or lower	0

(6) For the criterion outlined in Subsection 1, no. 5, up to 50 points shall be awarded. The following aspects will be taken into account when awarding these points:

- Motivation or reasons for the application to the program in the form of a max. two-page letter of motivation. Up to 25 points can be awarded for this.
- Information on the focus of previous studies, the professional experience already gained in the energy sector and the academic and/or professional plans for the future. Up to 15 points can be awarded for this.
- Overall impression of the application documents submitted, in particular with regard to the information provided in the curriculum vitae and other documents (letters of recommendation, etc.). Up to 10 points can be awarded for this.

### Section 7 – Procedure

(1) Proof of fulfillment of the selection criteria must be provided when submitting the application for admission. To this purpose, applicants must include the following documents:

- The documents requested in the application form.
- Evidence that the admission requirements in accordance with Section 3 are met.
- Evidence of the areas of focus of the course of studies (where these are not stated in the certificate), generally in the form of a diploma supplement, transcript or module description.
- Relevant evidence of the selection criteria outlined in Section 6 (in particular the letter of motivation, CV, level of English).

(2) For each selection criterion, the selection committee shall award points in accordance with Section 6 (2) to (6).

(3) The selection committee shall rank the applicants in order of preference. The list documents the following for each participant in the selection process:

1. Number of points achieved for each criterion.
2. Total number of points.
3. Decision on selection (admission or rejection)

(4) Selected applicants receive prompt notification along with a deadline for providing written acceptance of the place in the program and for enrollment. If the applicant does not accept the place within the deadline, it is offered to the next candidate on the list.

(5) Applicants who are not admitted to the program receive notification of rejection, with reasons.

**Section 8 – Capacity and application deadline**

(1) The number of program places available is limited to 30 per year unless TU Berlin publishes other decisions on capacity in the Official Gazette of TU Berlin.

(2) The application deadline is April 30 of each year, unless TU Berlin publishes other decisions in the Official Bulletin of TU Berlin.