

Course Specifications

Valid as from the academic year 2019-2020

Course size (nominal values; actual values may depend on programme)

Credits 4.0 Study time 120 h Contact hrs 30.0 h

Course offerings and teaching methods in academic year 2019-2020

A (semester 2)	Dutch	lecture	20.0 h
		excursion	5.0 h
		group work	5.0 h

Lecturers in academic year 2019-2020

Vandendriessche, Frederik	RE22	lecturer-in-charge
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Offered in the following programmes in 2019-2020

	crdts	offering
Master of Science in Teaching in Social Sciences (main subject Laws)	4	A
Master of Science in Electromechanical Engineering (main subject Control Engineering and Automation)	4	A
Master of Science in Electromechanical Engineering (main subject Electrical Power Engineering)	4	A
Master of Science in Electromechanical Engineering (main subject Maritime Engineering)	4	A
Master of Science in Electromechanical Engineering (main subject Mechanical Construction)	4	A
Master of Science in Electromechanical Engineering (main subject Mechanical Energy Engineering)	4	A
Master of Laws in Laws	4	A

Teaching languages

Dutch

Keywords

Energy law, division of competences, competition law in the energy sector, electricity, gas, oil and coal, nuclear energy, liberalisation, regulators and legal protection, renewable energy, REG, green power certificates

Position of the course

Gaining a thorough knowledge and insight in the regulation of energy markets and energy law, from a European, Belgian and Flemish-Region-perspective. these insights are throughout the course linked to the more general climat- and sustainable development goals and policies (of the UN), such as fighting poverty, promoting sustainable and renewable energy, innovation, sustainable cities and communities and climat action.

Contents

1. **ENERGY** and energy policy

Overview of primary and secondary energy products; study of energy consumption; dependance on foreign energy supply.

2. **SOURCES OF ENERGY LAW AND COMPETENT AUTHORITIES**

Treaty law; European Union legislation; federal and regional legislation in Belgium. The complexities of the division of competences between the regions and the federal government

3. **OIL AND OIL PRODUCTS**

Exploration and exploitation of hydrocarbons; International Energy Agency ; European security of supply and strategic reserves; biofuels.

4. **ELECTRICITY**

Companies active in the electricitysector; role of the intermunicipalities en the

government; European internal market for electricity; the regulation of the electricity market in Belgium at the federal and regional level; transmission and distribution en access to transmission and distribution grids; structure of the contractual relations concerning the supply of gas and distribution structure of the contractual relations concerning the supply and distribution of electricity; regulating the tariffs for the use of the grids; permits, public service obligations.

5. GAS

The European internal market for gas; the regulation of the gas market in Belgium at the federal and regional level; gasstorage; LNG-terminals; transport and distribution; c; regulating tariffs en most important rules for the use of grid, storage and LNG; permits, public service obligations

6. NUCLEAR ENERGY

Regulation; liability; Belgian legislation with respect to the gradual discontinuation of nuclear energy.

7. SUPERVISION OF THE BELGIAN ENERGY SECTOR

The federal and regional regulatory agencies in the gas and electricity sector (CREG; VREG) and the nuclear sector (FANC / NIRAS). Splintered legal protection with the council of state

8. ENERGY AND COMPETITION LAW

Competences of the BMA - applicability of competition law on the energy sector

9. RENEWABLE ENERGY SOURCES AND RATIONAL ENERGY USE

European and Belgian measures for the promotion of the use of renewable energy; green certificates; measures for rational energy use

Initial competences

Knowledge of the basic principles of European law (in particular, internal market; European institutional and competition law) and Belgian law (in particular, federal/regional institutional framework; competition and environment law).
The skill to identify, analyze, and research legal sources (legislation, case law) and policy documents.
Attitude to link legal concepts and rules to economical, energy-technical and environmental considerations and vice versa.

Final competences

The students are familiar with the subject matter taught and are capable of using their knowledge in a professional activity, as a lawyer specialized in energy law, in an academic, private or administrative environment.
They have gained insight in the technical and economical elements underlying the regulation of the energy sector and are able to interpret and understand the applicable rules from that perspective.

Conditions for credit contract

Access to this course unit via a credit contract is unrestricted: the student takes into consideration the conditions mentioned in 'Starting Competences'

Conditions for exam contract

This course unit cannot be taken via an exam contract

Teaching methods

Excursion, group work, lecture

Extra information on the teaching methods

Lectures with interactive participation of the students.

Learning materials and price

Book that reflect the components of the course in a comprehensive way, with an indication of the legal sources.

References

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Course content-related study coaching

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Evaluation methods

end-of-term evaluation and continuous assessment

Examination methods in case of periodic evaluation during the first examination period

Written examination, oral examination

Examination methods in case of periodic evaluation during the second examination period

Written examination, oral examination

Examination methods in case of permanent evaluation

Participation

Possibilities of retake in case of permanent evaluation

examination during the second examination period is possible in modified form

Calculation of the examination mark