



Hochschule für
Wirtschaft und Recht Berlin
Berlin School of Economics and Law

Department of Business and Economics



Master

Industrial Engineering – Energy and Environmental Resources

in cooperation with



BEUTH HOCHSCHULE
FÜR TECHNIK
BERLIN
University of Applied Sciences

Industrial Engineering – Energy and Environmental Resources

The Master in Industrial Engineering – Energy and Environmental Resources provides a particularly high degree of expertise in both industrial engineering and engineering focused specifically on energy and environmental resources. The particular specialist and interdisciplinary skills taught are all related to the guiding principle of sustainable development. The skills thus serve to align business and technology with a socially responsible future, which is environmentally aware and conserves energy and resources.

This Master programme primarily addresses industrial or business engineering graduates holding a Bachelor's degree or a degree in a similar career field who already have extensive basic knowledge in both the disciplines comprising this qualification. The degree is a post-graduate programme building on the Bachelor in »Business Engineering in Environmental Sciences« at the HWR Berlin and the Beuth Hochschule für Technik Berlin.

Berlin School of Economics and Law



The Berlin School of Economics and Law (BSEL) is one of the largest Universities of Applied Sciences in the city. It has an academic staff of 190 professors and approximately 770 lecturers, plus nearly 240 research and administrative personnel, committed to realising about 50 study programmes.

The BSEL portfolio provides a wide range of professional qualifications. The University forms an academic centre specialised in business and administration skills for the public and private sector, as well as public security, the law and engineering. The majority of programmes lead to a Bachelor or Master degree, have been quality controlled and are accredited by a German agency.

The BSEL offers a pleasant, modern atmosphere that is ideal for studying. The programmes comprise small class courses where each student has a chance to interact with the faculty and their peers. The campus offers well equipped seminar and lecture rooms, an extensive library and several fully equipped computer rooms.

With numerous networking activities, excellent corporate contacts and a close relationship with 130 partner universities worldwide, we guarantee that student life is enhanced by applied expertise and an international approach.

Key facts

Programme

Full-time

Duration

3 semesters

Start

1 October (Winter Semester)

Structure

Provisional Syllabus (subject to alterations)

1. Semester

Module 1	Selected Methods in Engineering Sciences (In-depth Study)
Module 2	Corporate Sustainability: Accounting, Finance, Controlling and Value-Based Management
Module 3	Energy and Natural Resources Efficiency: Economic and Legal Instruments
Module 4	Energy and Natural Resources Management in Practice
Module 5	Intermediate Scientific Research Methods (compulsory optional subjects)

2. Semester

Module 1	Integrated Environmental Technology and Environmental Resources
Module 2	Balance Equations of Technical Systems
Module 3	Optimisation Strategies for Energy-Technical Appliances
Module 4	Innovation Management
Module 5	Project Research Module (compulsory optional subjects)

3. Semester

Master Thesis

Oral Exam (oral defence)

Language of Instruction

German

Degree

The Berlin School of Economics and Law (BSEL) awards successful students on this programme the internationally recognised Master of Science (M.Sc.) degree. The Master degree is worth a total of 90 Credit Points.

Fees (subject to alterations)

There are no tuition fees on this Master programme. Students are required to pay a semester fee. This includes contributions to the Studentenwerk Berlin and student association, an enrolment and administration fee, and a semester season ticket for the local transport system. Details: www.hwr-berlin.de

Admission

General Requirements

- Bachelor's or equivalent degree, apparently in the field of business or industrial engineering
- At least 210 credit points (applicants with 180 European credit points will be required to obtain the additional 30 credit points by completing additional modules concerning the fields that are required, e. g. modules might be available or offered in other programmes)



Application

Application Deadline

- 1 June – 15 July

Applications have to be sent to Beuth Hochschule für Technik Berlin.

Application forms

Details and application forms are available online at www.beuth-hochschule.de

The admission procedure is carried out by the Beuth Hochschule für Technik Berlin.

Contact

Beuth Hochschule für Technik Berlin

Studienverwaltung

(Admission and Enrolment)

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Hochschule für Wirtschaft und Recht Berlin

Berlin School of Economics and Law

Faculty of Business and Economics

Badensche Straße 52

10825 Berlin

www.hwr-berlin.de

Location: www.hwr-berlin.de/campus