h_da

HOCHSCHULE DARMSTADT
UNIVERSITY OF APPLIED SCIENCES

Course information

Energy Management
Bachelor of Science

Bachelor of Science
Energy Management

Would you like to study at Darmstadt Business School?
Darmstadt is an "outstanding place of learning for sustainable development" according to UNESCO commission. So we can not blame you for wanting to study here.

Darmstadt Business School. What can I expect?
A Bachelor's degree in Energy Management from the h_da Business School provides the best basis for a promising career start. According to a Germany-wide ranking by „Wirtschaftswoche", the h_da has been among the top ten selected by HR managers for many years.

Darmstadt Business School is known for:
- Practical orientation taught by lecturers with professional experience
- Learning and working in small groups
- The development of soft skills and general knowledge with integrated course options of society, culture and languages in every degree programme.

With our nine well-founded and practice-oriented degree programmes, we are currently preparing more than 2,300 students for their professional future and offer international students a broad variety of different business programs and modules.

The Darmstadt Business School has two main campuses in Darmstadt and Dieburg. Both are located right in the centre of Germany and in the economic heart of the Rhine-Main region. The campuses can be easily reached from the Frankfurt international airport with public transportation and offer a great starting location for weekend travels within Germany.

Program overview
Today the term Energy Management refers to more than just power plants and electricity grids; it has become a challenge much greater in scope, and one that must be addressed by society as a whole. While Germany's centralized system of energy management has ensured a re-

liable supply of energy and electricity over the years, it has also failed to fully consider factors such as environmental impact and long-term sustainability.
The aim of today's energy "turnaround" in Germany ("Energiewende") is to make the transition to a truly sustainable system of energy supply and management, primarily through the use of renewable energy sources and other energy-efficiency solutions such as smart grids.
The liberalization of electricity and gas markets has stiffened competition and ushered in a new age of innovation in the industry. Greater de-centralization in today's energy markets has also opened up a diverse range of new opportunities.
The knowledge and skills conveyed as part of the 7-semester Bachelor degree program in Energy Management open the door to these exciting career opportunities. As consultants for renewable energy installations, utility companies or industrial energy consumers, or as buyers/sellers of electricity products and services – to name a few of the many opportunities – graduates can become part a dynamic industry of great importance to society today. The Bachelor's program in Energy Management is accredited by the AQAS agency. It has been awarded the seal of approval of the Accreditation Council.

Key facts

Program	Energy Management
Duration	3 Years
Form of Study	Full Time
Degree	Bachelor of Science
Language	German with some English modules
Campus	Dieburg
Annual number of students	40
Start	March and October

Program structure

The curriculum of the program consists of mandatory and elective modules. The mandatory modules will give you a strong foundation in core disciplines a well-versed manager has to master: economics, finance, management, accounting and foreign languages. The elective modules will give you an opportunity to widen your knowledge by a number of specializations.

Energy Management — **Bachelor of Science** — **Master**

1st semester	2nd semester	3rd semester	4th semester	5th semester	6th semester	7th semester	8th semester	9th semester	10th semester
Financial Accounting, 5 CP	Fundamentals of Economics, 5 CP	Marketing, 5 CP	Management and Organization, 5 CP	Energy Economy Elective Module 1, 5 CP	Energy Economy Elective Module 2, 5 CP	Practical Module, 10 CP	After the Bachelor's degree the following Master's program is possible: Energy Management Master of Science		
Business Informatics, 5 CP	Management Accounting, 5CP	Investment and Finance, 5 CP	Business English , 5 CP	Energy Engineering Elective Module 1 (Some in English) 5 CP	Energy Engineering Elective Module 2, 5 CP				
Introduction to Energy Economics, 5 CP	Energy Politics, 5 CP	Energy Trading, 5 CP	Fundamentals of Energy Economy Modelling, 5 CP	Digitization in the Energy Industry, 5 CP	Energy Informatics, 5 CP	Accompanying Project Seminar, 5CP			
Business Mathematics, 5 CP	Scientific Writing, 5 CP	Quantitative Methods in Energy Economics, 5 CP	Introduction to Energy and Business Law, 5 CP	Energy Related Environmental and Planning Law, 5 CP	Energy Supervision and Regulation, 5 CP	Bachelor Module, 15CP			
Fundamentals of Thermodynamics, 5 CP	Construction Physics, 5 CP	Power Plant Technologies, 5 CP	Building Services Engineering and Environment Protection, 5 CP	Energy Management, 5 CP	Energy Economy Elective Module 3, 5 CP				
Electrical Engineering 1, 5 CP	Electrical Engineering 2, 5 CP	Renewable Energies, 5 CP	Measurement Instrumentation and Power System Operational Training, 5 CP	Transformation of Energy Supply (Smart Grids), 5 CP	Energy Engineering Elective Module 3 (Some in English), 5 CP				

Legend: standard module — Bachelor thesis — practical modul — electives

Modules for international and exchange students

As an international student you can choose to study the full B.Sc. Energy Management Program or spend one or two semesters as an exchange student with us.

As an exchange student you can select different English-taught business modules from the B.Sc. Energy Management Program or any other B.Sc. program during the winter and summer term. You can find an overview on our webpage under curriculum.

Also, were are offering intensive German modules (4 credits), semester-long German modules (2.5 credits) for all levels as well as interdisciplinary modules i.e. Engineering Ethics, Digital Emotions, European Identities for all international students (2.5 credits) during the winter and summer term.

Previous education. What is required?

The Energy Management study program is subject to limited admission (NC). The following school-leaving qualifications are required for admission:

- General higher education entrance qualification
- Subject-related higher education entrance qualification valid in Hesse
- University of Applied Sciences entrance qualification valid in Hesse

Application. How do I get to h_da?

The program begins in the winter or summer term. All information on the application procedure is available at https://international.h-da.de/

Advice for international students. Where can I get more information?

The first point of contact for most questions about your studies is the International Office (IO). In addition to study advice and information on the details of the application procedure, advice on the organization or financing of studies is also available at the IO. incoming.int@h-da.de

Further information on the Business Administration degree program and contact details can be found at: https://fbw.h-da.de/en/

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fbw
FACHBEREICH WIRTSCHAFT
DARMSTADT BUSINESS SCHOOL

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