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Hochschule Rosenheim
University of Applied Sciences

The university

- Various relations to companies in one of Germany's economically strongest regions
- Practice-oriented projects and cooperations with several industries on a regular basis
- Leading educational institution in wood technology with a longstanding tradition (since 1925)
- Excellent study conditions
- 6.000 Students
- 27 courses of study / 7 faculties and 1 institute
- 140 professors up to 200 lecturers (most from industry)
- 175 employees in laboratories and university administration
- facilities like in practice: over 100 laboratories

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16.12.2014/ Nr. 2



Courses of study



1. Business Studies
2. Technology Studies
3. Design Studies
4. Healthcare Studies

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16.12.2014/ Nr. 3



1. Business Studies

- Business Administration (B/M)
- Business Mathematics – Actuarial Sciences(B)
- Business Information Systems (B)
- Business Administration and Engineering (B/M)
- Management and Leadership Skills (MBA)

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16.12.2014/ Nr. 4



2. Technology Studies

- Electrical Engineering and Information Technology (B/M)
- Plastics Engineering(B)
- Mechatronics (B)
- Mechanical Engineering (B)
- Energy and Building Technology (B)
- Wood Technology (B)
- Interior Engineering (B)
- Wood Building and Construction (B)
- Business Administration and Engineering (B/M)
- Computer Science (B)
- Wood Construction for Architects (M)
- Windows and Facades (M)

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16.12.2014/ Nr. 5



3. Design Studies

- Interior Architecture (B/M)

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16.12.2014/ Nr. 6



4. Healthcare Studies

- Healthcare Management (B)
- Physiotherapy (B)



Degrees

Bachelor

- 5 theoretical semesters
- + 1 internship semester
- + 1 semester bachelor thesis

= 3,5 years



Master

- 2 semesters
- + 1 semester master thesis

= 1,5 years



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Future-oriented education

- Teaching competencies for profession and branches of the future
- No 1 partner of regional economy: practice-oriented project studies in cooperation with businesses
- Distinguished didactics
- Several ongoing teaching projects sponsored by external funds

16.12.2014/ Nr. 9



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...under optimal conditions

- Good professor-student-ratio, small groups, close contact between students and teaching staff
- Lots of services for students, e. g. Student Advisory Service, International Office, Career Center etc.
- High-performance equipment, modern campus
- Attractive location in one of the most beautiful regions of Germany, affordable living space

16.12.2014/ Nr. 10



Faculty of Wood Technology

Wood Technology

Industrial assembly of wood products,
e.g. furniture, ...



Wood Building Construction

framehouse and timber construction



Interior Engineering

finishings of public and commercial
constructions/ buildings



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16.12.2014/ Nr. 11



Faculty of General Sciences

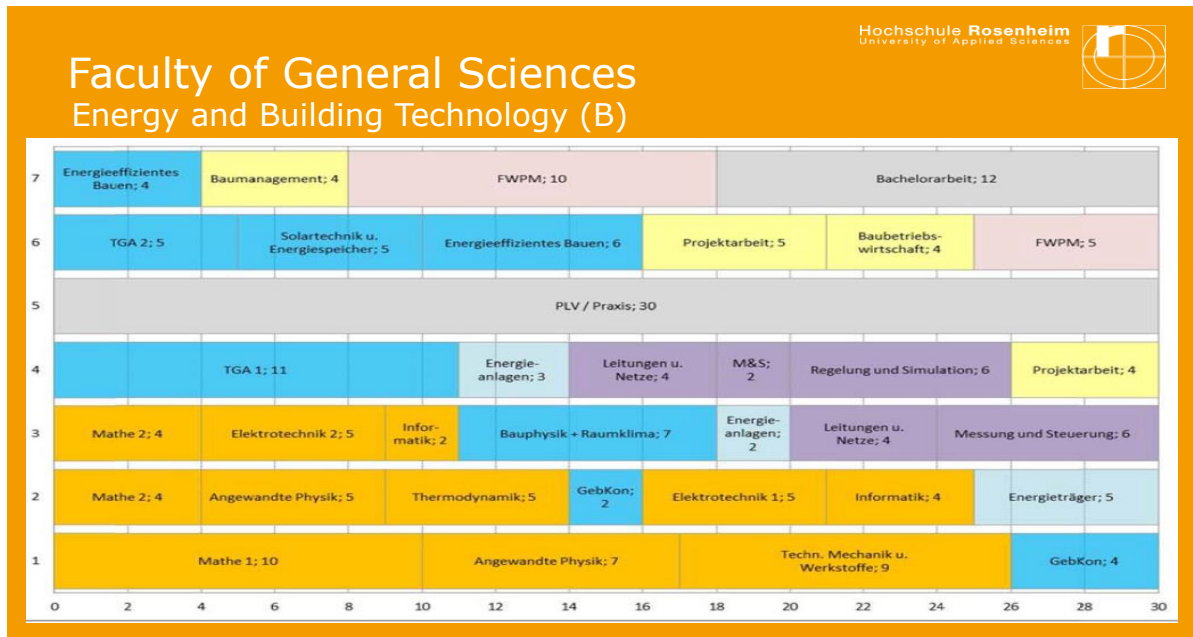
Energy and Building Technology

(Energy supply, energy transport and energy
application)

- Renewable energy technologies
- Technical building equipment
- Building automation
- Building physics and building construction


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16.12.2014/ Nr. 12




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16.12.2014/ Nr. 13

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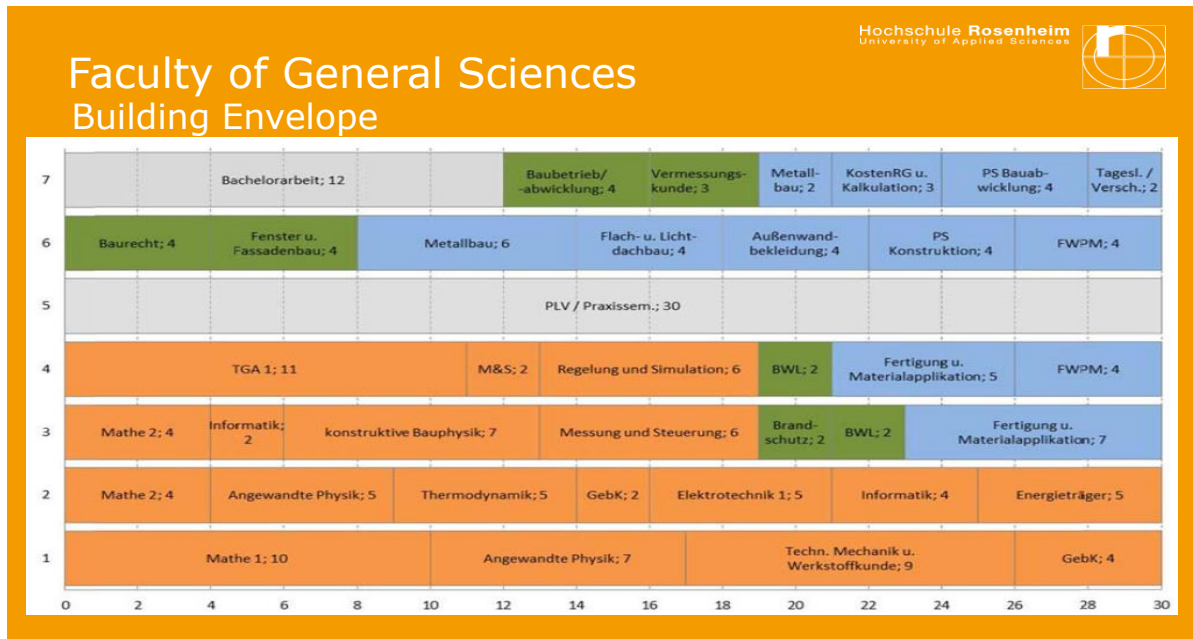
Faculty of General Sciences Building Envelope



- Building physics, fire protection
- Design and construction
- Restoration of buildings
- Thermal and electrical solar technology
- Roof, facade, drainage engineering
- Fabrication, construction and production

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16.12.2014/ Nr. 14



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16.12.2014/ Nr. 15

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Research hub near the mountains

Research and development services



- 2 research officers, 35 research assistants (master students, Ph.D.), on average 30 student/technical assistants
- Support/coaching for fundraising activities, project management / controlling, information centre for promotion programs, handling of inventions and patents
- Research projects 2013
- Various projects in 6 areas of competence in research
- 30 research and industry projects with an overall volume of ca. 5 million Euro in external funds

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16.12.2014/ Nr. 16



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Project example „Solar Decathlon“

- Building a zero-energy prototype house for the international competition „Solar Decathlon Europe 2010“
- 2nd place worldwide, best European team
- Team consisting of 50 students from all faculties
- Coordination by research and development services
- Overall budget: 1,4 million Euro

16.12.2014/ Nr. 17



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Continuing Education „Academy for Professionals (afp)“



Masters programmes (part-time)

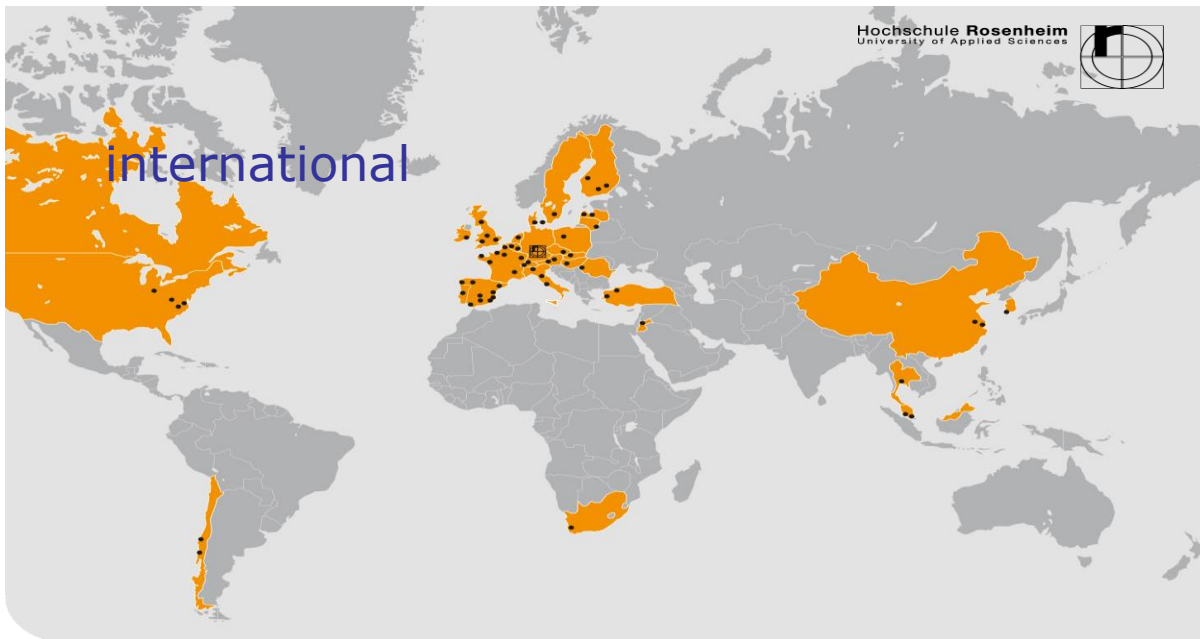
- Management and Leadership (MBA)
- Windows and Facades (M. Eng.)
- Wood Construction for Architects (M. Eng.)

Modules

(parts of Masters programmes)

- Business Administration
- Leadership
- Windows and Facades
- Supply Chain Management

16.12.2014/ Nr. 18



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16.12.2014/ Nr. 19

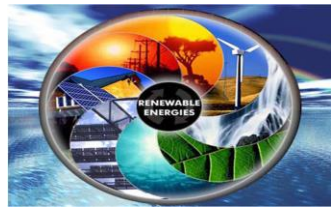
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Partner universities

<p>Austria Feldkirchen Kufstein</p> <p>Belgium Brussels Libramont</p> <p>Canada Vancouver</p> <p>Chile Concepción Valdivia</p> <p>China Nanjing Suzhou</p>	<p>Czech Republic Brno</p> <p>Corea Jeju City</p> <p>Denmark Copenhagen Odense</p> <p>Finnland Lathi Mikkeli Seinäjäoki</p> <p>France Bourg en Bresse Lannion Epinal</p>	<p>Le Havre Lille Nantes Paris</p> <p>Great Britain Edinburgh Hatfield Pontybridd Staffordshire</p> <p>Ireland Waterford</p> <p>Italy Rome Florence Milan</p> <p>Japan Chiba</p>	<p>Jordania Amman</p> <p>Latvia Riga</p> <p>Lithuania Vilnius</p> <p>Malaysia Kuala Lumpur (2)</p> <p>Netherlands Zwolle</p> <p>Poland Poznan</p> <p>Portugal Lissabon</p>	<p>Rumania Temeswar</p> <p>Sweden Växjö</p> <p>Switzerland Biel Rapperswil</p> <p>Slovakia Bratislava</p> <p>Spain Alicante Barcelona Jaén Cadiz León Málaga Murcia</p>	<p>Valencia Vigo</p> <p>South Africa Stellenbosch</p> <p>Thailand Bangkok</p> <p>Turkey Istanbul Izmir</p> <p>Hungary Sopron</p> <p>USA Blacksburg Newport Oxford Raleigh</p>
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16.12.2014/ Nr. 20



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Master in Green and Energy Efficient Buildings (MGEEB)

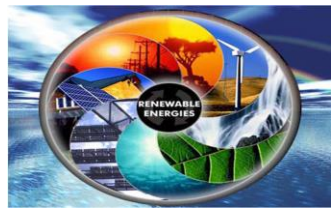
Joint degree program with Uni KL Malaysia

- Technical modules
- Management modules
- Language modules
- Master thesis

Master of Engineering Technology in Green Building, Energy and Management

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16.12.2014/ Nr. 21



Source: http://www.acca.it/euleb/data/glossary/images/image_13.png

MGEEB Courses

Semester	Course Code	Credit Hours	Course
1	CEG60203	3	Thermal Comfort
	CEG60403	3	Material Science and Technology
	CEG60504	4	Facade and Roof construction
	CEG60602	2	Project Management
	CEG61002	2	Business Communication Soft Skills
2	CEG62002	2	Building and Environmental Law
	CEG60803	3	Building Life Cycle Analysis
	CEG61003	3	Cooling and Climate
	CEG61102	2	Lighting Engineering
	CEG61702	2	Marketing Business Administration
	CEG60702	2	Research & Development, Technology Transfer
	CEG62202	2	Construction Management
	CEG62702	2	Building Automation
3	CEG60904	4	Heat and Moisture
	CEG61205	5	Energy Efficient Building Design
	CEG61302	2	Operation and Monitoring of Buildings
	CEG61403	3	Building Simulation
	CEG61903	3	Green Building Index Facilitator Course
	CEG61803	3	Accounting & Financial Management
4	CEG62312	12	Master Thesis
	CEG62403	3	Study Tours
	CEG62503	3	Short Courses
TOTAL CREDIT HOURS		70	

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16.12.2014/ Nr. 22



MGEEB Entry requirements

- Bachelor of Engineering or Bachelor of Science
 - Bachelor with working experience of one year in a field of relevant to this master-program
 - Minimum of CGPA 2.75 (Credit Grade Point Average)
-
- Program has been launched in February 2011
 - Number of graduates: 5
 - Number of students: 27

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16.12.2014/ Nr. 23



Dual Studies in Bavaria – Successfully acquire and educate high potentials

- hochschule dual:
about 320 dual study offers and
over 800 participating companies



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16.12.2014/ Nr. 24



Dual Studies in Bavaria



Academic studies at a
University of applied Sciences

Course-related practical training
in a company

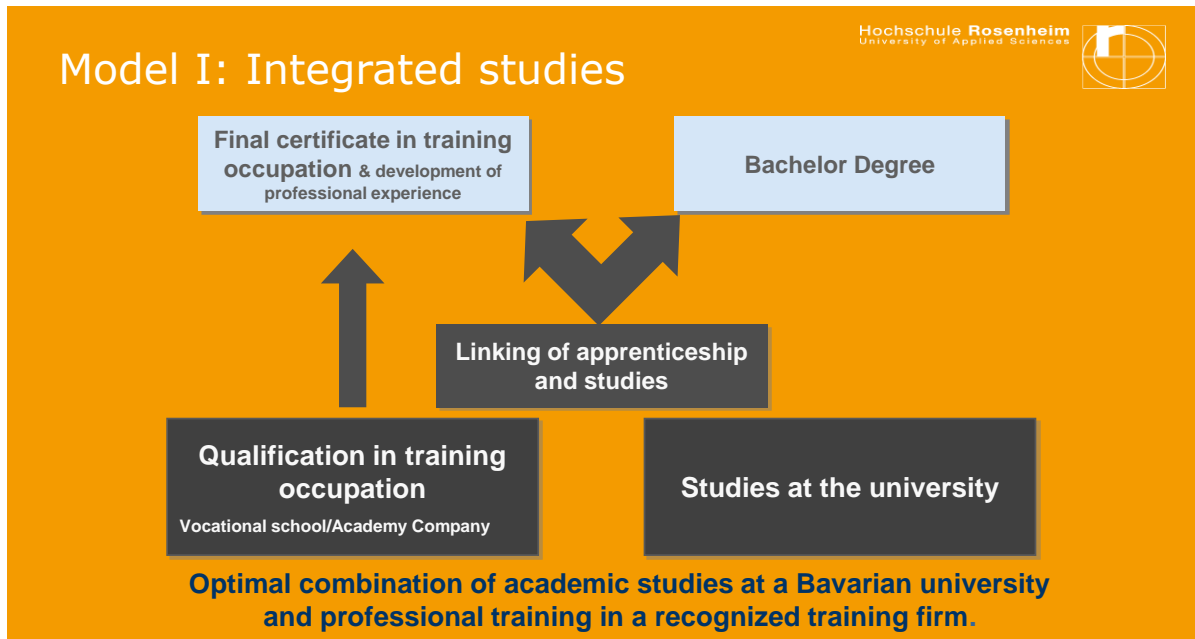


Dual study programmes



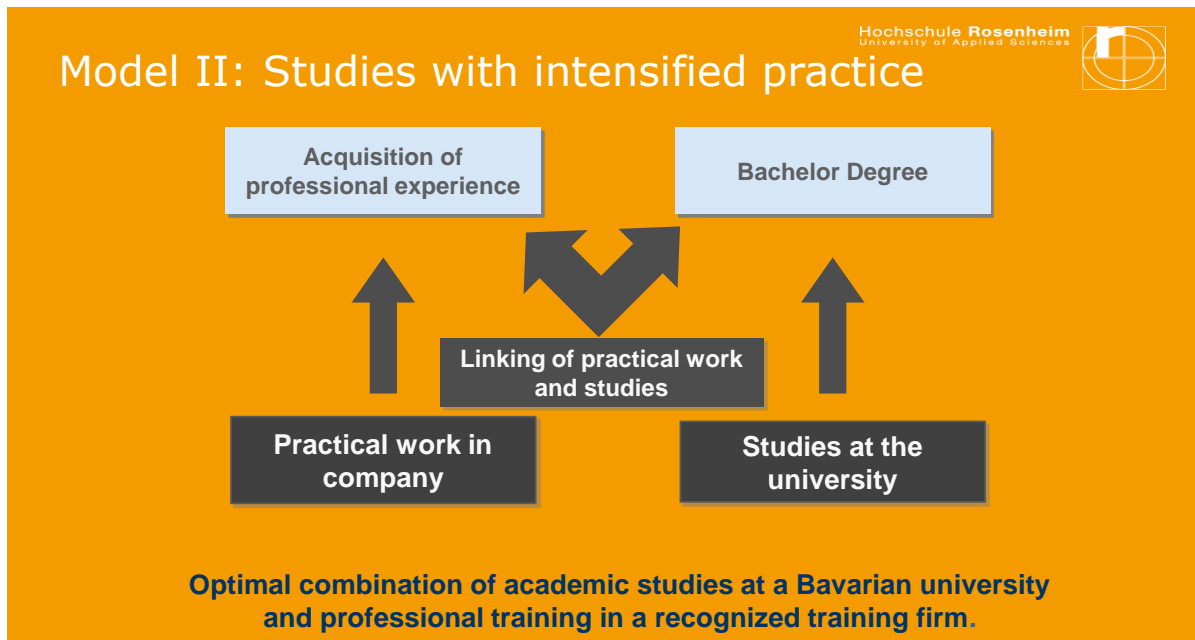
... offered by hochschule dual ideally
combine theory and practice through:

- accurate linking of academic university studies with intensive in-company practice
- systematic exchange between university and company
- smooth transition from studies to professional career
- close co-ordination and co-operation of university and company



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16.12.2014/ Nr. 27



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16.12.2014/ Nr. 28

Advantages for students

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Knowledge transfer between studies and practical phases



Financial security,
get a monthly salary

80-100% get a job in
the company

Students know about "how real company
life" works

Train soft-skills



Profit from early job entry

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16.12.2014/ Nr. 29

Advantages for companies

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University of Applied Sciences



- attract young, motivated specialists and executives (especially medium-sized companies)
- attract qualified engineers / business economists who also speak the language of the skilled workers / skilled employees



- attract practice-trained academics with close company commitment
- save time and cost-intensive adjustment programmes / trainee programmes
- can select the suitable main study areas together with the students
- benefit from close commitment and good contacts to the university

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16.12.2014/ Nr. 30



Thanks for your attention