



Polish-Ukrainian-German Rector's Meeting

Prof. Dr.-Ing. Dr. h. c. Winfried Lieber

Rector

Warsaw, 15th December 2014



Offenburg: In the Heart of Europe



Strasbourg (France):
30 km

Basel (Switzerland):
120 km

Frankfurt (Germany):
200 km

Munich (Germany):
350 km

Milano (Italy):
450 km

Brussels (Belgium):
450 km

Paris (France):
500 km

Berlin (Germany):
700 km

Offenburg Campus - Departments

**Electrical Engineering and
Information Technology**

**Mechanical Engineering and
Process Engineering**



Media and Information

Gengenbach Campus - Departments



**Business Administration and
Industrial Engineering**



Offenburg University of Applied Sciences

University of Engineering, Business and Media

- Established in 1964
- 4,500 students, 18% international students
- 4 departments: 21 Bachelor's and 16 Master's programs
- Joint PHD-Program with University of Freiburg
- 140 professors and 200 associate lecturers
- More than 50 modern laboratories with state-of-the-art technology
- Cooperation with more than 70 universities worldwide



Offenburg's Bachelor's Programs (Selection)

- Applied Computer Science
- Business Administration
- Electrical Engineering / Information Technology
- Energy Systems
- Business Informatics
- Logistics and Trade
- Mechanical Engineering
- Mechatronics
- Media and Information
- Media Design and Production
- Medical Engineering
- E-Business and Internet Security
- Process Engineering
- Industrial Engineering



Offenburg's German-taught Master's Programs

- Business Administration
- Mechatronics in Education
- Electrical Engineering / Information Technology
- General Management (part-time)
- Information Technology
- Mechanical Engineering
- MBA Part-Time Program
- Media and Communication
- Media in Education
- Industrial Engineering
- Medical Engineering



Offenburg's English-taught Master's Programs

International Master's Programs of the Graduate School



- **Communication and Media Engineering (CME)**

Focus: Telecommunication and digital media technologies

- **Energy Conversion and Management (ECM)**

Focus: Energy systems and their management

- **International Business Consulting (IBC)**

Focus: Consulting, e.g. in controlling or project management, and management consulting

- **Process Engineering (MPE)**

Focus: Chemical and thermal process engineering and biotechnology

Process Engineering (MPE)

Degree	Master of Science (M.Sc.); double degree with the University of Warmia and Mazury (Olsztyn, Poland)	
Language of instruction	English	
Duration of program	3 semesters	
Begin of study program	Winter semester (October)	
Application deadline	March, 31	
Fees	226 € (per semester)	
Application prerequisites	Completed Bachelor's degree in the upper third of the class and in a relevant field of science/engineering, e.g. process engineering, biotechnology, environmental engineering or chemical engineering. English language certificate: min. iB TOEFL 79 or IELTS 6.0;	
Application procedure	Online application via OASIS	
Accredited by	ASIIN	
Campus	Offenburg (second semester in Olsztyn)	

Process Engineering (MPE)

R&D environment:

- 2005 completely new building and laboratories in Olsztyn
- new S2 laboratory in Offenburg
- 'Industry on Campus' cooperation
- series of international conferences on 'Environmental Best Practices'
- joint publication by the two universities of the peer reviewed scientific journal 'Environmental Biotechnology'



ZERTIFIKAT 2013/2014



HRK-Audit
Internationalisierung
der Hochschulen

verliehen an die

Hochschule Offenburg

für die erfolgreiche Teilnahme am HRK-Audit „Internationalisierung der Hochschulen“



Bonn, den 1. Dezember 2014

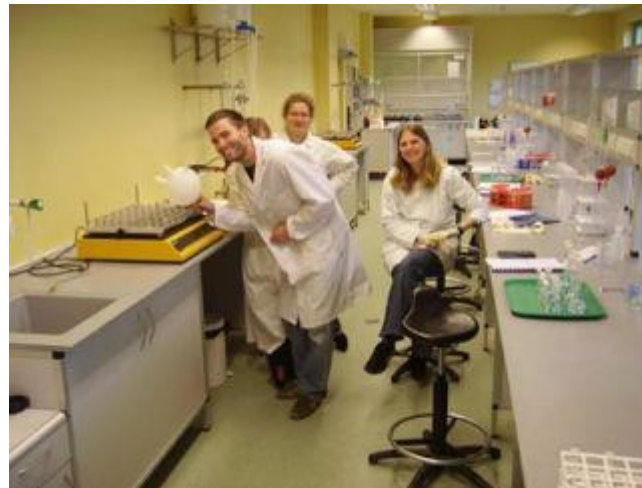
Prof. Dr. Dieter Lenzen
Vizepräsident für Internationale Angelegenheiten
der Hochschulrektorenkonferenz

GEFÖRDERT VOM



Bundesministerium
für Bildung
und Forschung

Thank you!



Offenburg: In the Black Forest



Applied Research at Offenburg University

Main areas of investigation:

- Microelectronics
- Information and communication technology
- Medical technology
- Business administration, commerce and logistics
- Media technology
- Rapid prototyping and virtual tooling
- Damage analysis and material testing
- IT security
- Energy



The Student Project "Schluckspecht"



The winning team:
3200 km with 1 liter of petrol



World
record!

626 km
with one
battery
on public
streets



98% efficiency


SCHLUCKSPECHT

South African
Solar Challenge in Johannesburg

Process Engineering (MPE)

Aims of the MPE-Programme:

- offering a consecutive master's programme to graduates of the bachelor programmes 'Process Engineering' in Offenburg and 'Environmental Protection' in Olsztyn
- expansion of existing knowledge and acquisition of new knowledge in key areas of process engineering
- giving students a comprehensive understanding of the technical, economical, ecological, social, cultural, and ethical context of their professional conduct
- promoting international mobility of German students and attracting foreign students to Germany
- thus making them fit for leading positions in industry and research in a globalized world, and in the public sector

Energy Conversion and Management (ECM)

Degree	Master of Science (M.Sc.)
Language of instruction	80% in English (3rd semester partly in German)
Duration of program	3 - 4 semesters
Begin of study program	Winter semester (October)
Application deadline	April 30



Fees 226 € (per semester)


Application requirements Completed Bachelor's degree in the upper third of the class and in a relevant field, e. g. mechanical engineering or process engineering;
English language certificate: min. iB TOEFL 79 or IELTS 6.0;
knowledge of German equivalent to CEFR-level "A 2";

Application procedure Online application via OASIS

Accredited by ASIIN

Campus Offenburg

International Business Consulting (IBC)

Degree	Master of Business Administration (MBA)	
Language of instruction	English	
Duration of program	3	
Begin of study program	Winter semester (October)	
Application deadline	May, 31	
Fees	10400 € (for the entire program) +226 € per semester	
Application requirements	Bachelor's degree – applicants who do not hold a degree in business administration or its equivalent will have to pass an admission test - study materials for the test will be provided by the University; professional experience of 2 years English language certificate: min. iB TOEFL 79, pB TOEFL 550, cB TOEFL 220 or IELTS 6.5 or APIEL 3.0 GMAT minimum score 490	
Application procedure	Online application via OASIS	
Accredited by	FIBAA	
Campus	Gengenbach	

Support Services

International Student Barometer 2011: Offenburg University #1 of German universities in assisting foreign students

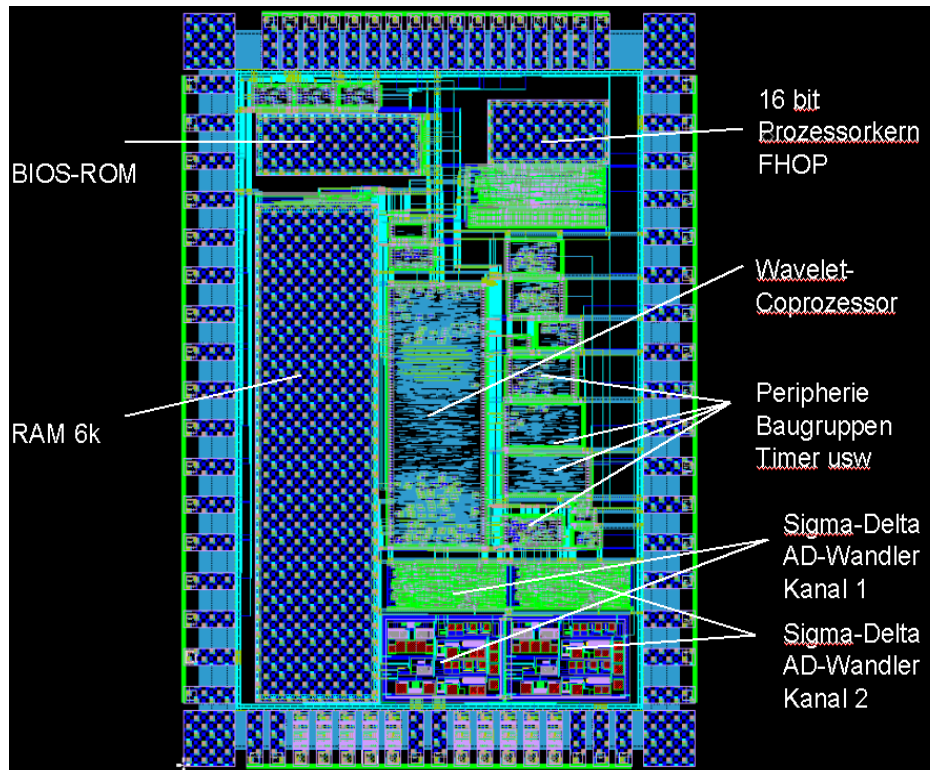
- Individual support and assistance by program coordinators
- German summer language courses (annually in September)
- Tutors assisting during the first few weeks after arrival
- Assistance in finding accommodation
- Introduction day for international students
- Intercultural training
- Language exchange program (“Tandems”)
- Program of excursions and events
- Application trainings for international students
- Recruiting events (including English-speaking company recruiters)
- Sports program
- “Senior Service” program



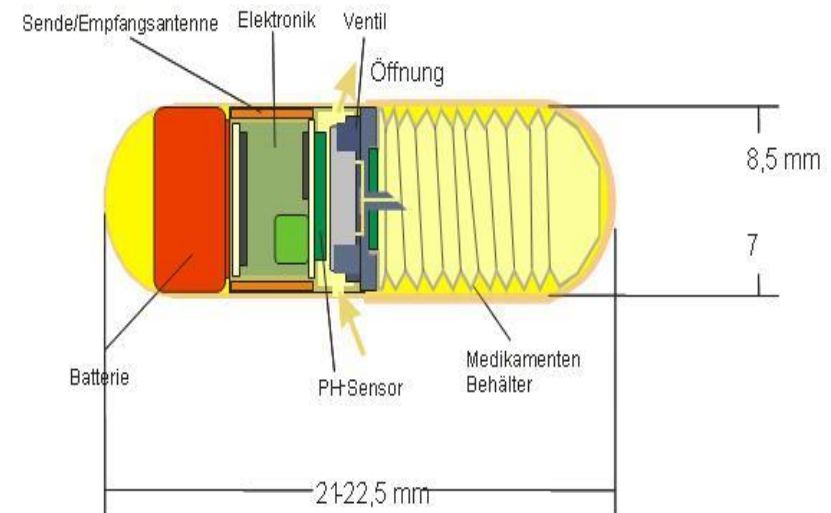
Student Life



Microelectronics in Medical Engineering: Electronic Pill



ECG – ASIC with processor and wavelet compression



Autonomous Model Helicopter

Avionics:	AHRS, INS (GPS-augmented) and flight control (all in-house development); fully stunt-flight capable
Take-off mass:	3.8 - 4.5 kg, depending on accumulator
Engine:	brushless electric
Accumulator:	LiPo/LiFe
Payload:	< 2 kg
Max. speed (fully controlled):	110 km/h
Max. climb rate (fully controlled):	12 m/s
Max. bank angle (fully controlled):	45 degrees
Max. accelerations (all axes, f. contr.):	1g
Range:	20-30 km
Ceiling altitude:	> 4500 m
Flight time:	< 30 min
All-weather:	fog, rain, icing conditions, -30°C to 40°C
Wind load:	> 50 km/h
Automatic autorotation landing, automatic return mode	



Communication and Media Engineering (CME)

Degree Master of Science (M.Sc.)

Language of instruction English

Duration of program 4 semesters

Begin of study program Winter semester (October)

Application deadline March 31

Fees 226 € (per semester)

Application requirements

Bachelor's degree with good grades in electrical / telecommunication engineering, computer science or a related field;
English language certificate: min. iB TOEFL 79 or IELTS 6.0;
knowledge of German equivalent to CEFR-level "A1.1"

Application procedure Online application via OASIS

Accredited by ASIIN

Campus Offenburg

