Offenburg University of Applied Sciences

Department of Media and Information
– Engineering and Design –

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http://mi.hs-offenburg.de/en/international/

Prof. Dr. Tom Rüdebusch, International Relations, Media Department
Location of Offenburg
Dates and Facts

- est. in 1964
- 4600 students, 13% international students
- 4 departments: 43 bachelor & master programs
- institute for research and development (IAF) and technology transfer centers
- cooperation with more than 70 universities worldwide
International Master Programs (in English)

- Enterprise and IT Security, M.Sc.
- Communication and Media Engineering, M.Sc.
- Energy Conversion and Management, M.Sc.
- International Business Consulting, MBA
- Process Engineering, M.Sc.
- Power and Data Engineering, M.Sc.
International Student Services

- International Office assistance from pre-departure to successful end of studies (ISB: #1 of German universities)
- student buddies
- orientation weekends, cultural events, excursions, sports
- housing service
- summer language course in September (German as a foreign language)
- “Senior Service”
International Student Life
Departments

- Electrical Engineering & Information Technology
- Mechanical Engineering & Process Engineering
- Media & Information
- Business Administration & Industrial Engineering
Department of Media and Information
- Engineering and Design -

- est. 1996, media companies requiring interdisciplinary media system competence
  - media design and production
  - media technology
  - media management
- 900 students
- 25 professors + 20 lecturers
- 8 accredited study programs
- 27 international partner universities from 23 countries
Media Building
Bachelor Programs

- "Medien und Informationswesen" (B.Sc.)
  media and information – engineering and design

- "Medientechnik/Wirtschaft plus" (B.Eng.)
  media technology and economics plus pedagogy *) **) 

- "medien. gestaltung und produktion" (B.A.)
  media. design and production

- "Unternehmens- und IT-Sicherheit" (B.Sc.)
  corporate and IT security

in cooperation with: *) University of Education Freiburg **) Dept. of Business Administration and Industrial Engineering
Master Programs

- "Medien und Kommunikation" (M.Sc.)
  media and communication

- "Medientechnik/Wirtschaft BB" (M.Sc.)
  media technology and economics (vocational school teacher) *) ***)

- “Enterprise and IT Security" (in English, M.Sc.)

- “Dialogmarketing und E-Commerce” (partly in English, M.Sc.) ***)

- "Communication and Media Engineering" (in English, M.Sc.) **)

In cooperation with: *) University of Education Freiburg  **) Dept. of Electrical Engineering and Information Technology
  ***) Dept. of Business Administration and Industrial Engineering

Prof. Dr. Tom Rüdebusch, International Relations, Media Department
Bachelor and Master
General Structure

years

industry / administration / teaching / science / ...

Bachelor
(B.Sc./B.Eng./B.A.)

matriculation

bachelor thesis

taught content

internship

taught content

Bachelor from abroad

Master
(M.Sc./M.A.)

master thesis

taught content

taught content or internship

taught content

PhD *)

*) in cooperation with research universities
E.g. Bachelor
Medien und Informationswesen

stage I studies

- media technology (23 CP)
- computer science (25 CP)
- media design (26 CP)
- media management (16 CP)

= 90 CP

stage II studies

- internship, project management etc. (28 CP)
- specializations: 13 modules
  (13 × 5 CP = 65 CP)
  max. 5 module out of one key area
- Bachelor thesis (14 CP)
- team project work (8 CP)
- elective courses (5 CP)

= 120 CP

CP = credits (ECTS), 1 CP = 30 hours
Media Facilities

• media production
  – film studio, sound recording studio, post production studio, animation studio, audio and video labs, media integration studio, graphics lab
• computer science labs
  – interactive distributed systems, telecommunications, data base systems, security, e-learning, ubiquitous applications
• eye-tracking and marketing research lab
• main lecture hall fully equipped as movie theater
Applied Research Topics

- creative industries networking
- experimental media design
- mobile applications
- e-learning, mobile learning
- information security
- optical sensor technology
- eye-tracking/advertising effect, usability
- effective support for start-up companies
## Bachelor Courses in English

### Winter Semester
- Interactive Distributed Applications (5 credits)
- Database Systems and Lab (4 credits)
- Security of Web Applications (5 credits)
- Interactive Media (3 credits)
- Intercultural Media Design + IMD Lab (6 credits)
- Computer Animation (3 + 7 (optional) credits)
- Film (10 credits)
- Animation (10 credits)
- optional German language classes (1-6 credits)

### Summer Semester
- Film Montage and Postproduction (4 + 6 (optional) credits)
- Human Computer Interaction and Design (3 credits)
- Media Integration and Lab (4 credits)
- Film (10 credits)
- Animation (10 credits)
- Strategic Management (3 credits)
- Marketing (3 credits)
- optional German language classes (1-6 credits)
Master Programs in English

• “Enterprise and IT Security" (M.Sc.)
  – modules: anonymity and surveillance, applied cryptanalysis, data analysis for risk and security management, data mining, ethics and EU law, IT sec lab, mobile security, security in ubiquitous computing, software security

• “Dialogmarketing und E-Commerce” (M.Sc.) *)
  – areas (partly in English): marketing, information technology

• "Communication and Media Engineering" (M.Sc.) **)
  – areas: software engineering, communications, media

in cooperation with: *) Dept. of Business Administration and Industrial Engineering **) Dept. of Electrical Engineering and Information Technology
Examples
Film Studio
Examples
Sound Recording Studio
Examples
Animation Studio
Examples
Graphics Lab
Examples
Media Integration Studio and Computer Lab
Examples
Lecture and Seminar
Examples
Lecture Room Displays
Examples
E-Learning

http://mi-learning.mi.hs-offenburg.de/
Examples
Human Computer Interaction
Examples

Internet of Things (IoT)

SmartSole
Hinterlegen Sie Ihre maximal erlaubte Belastung.

20

Ihr Gewicht (falls eine prozentuale Angabe der Belastung erfolgte)

100

Speichern

SmartSole

Channel Stats

 CREATED 15 days ago
 UPDATED about 17 hours ago
 837 entries
Examples
Eye Tracking/Advertising Effect, Usability
Examples
Internet Radio Station
Examples
Events