

# BRIEF OUTLINE

## DEGREE

Bachelor of Engineering (B.Eng.)

## GRADUATE DEGREES AT UAS D

Media Informatics (M.Sc.)

## COURSE DURATION

7 Semesters

## START OF LECTURES

Winter semester

## APPLICATION DEADLINE

15 July

## ALLOCATION PROCEDURE

Limited admission

## EXCHANGE SEMESTER

possible

## In-Depth Information

Information about the study programmes  
Dean's Office  
Telephone: 0211 4351-2500  
[dekanat.medien@hs-duesseldorf.de](mailto:dekanat.medien@hs-duesseldorf.de)

Information about admission requirements  
[www.hs-duesseldorf.de/pruefungsordnungen](http://www.hs-duesseldorf.de/pruefungsordnungen)  
[www.rsh-duesseldorf.de/bewerber](http://www.rsh-duesseldorf.de/bewerber)

Study programmes  
[www.hs-duesseldorf.de/studienangebot](http://www.hs-duesseldorf.de/studienangebot)

Financial information  
[www.stw-d.de](http://www.stw-d.de)  
[www.hs-duesseldorf.de/stipendien](http://www.hs-duesseldorf.de/stipendien)

Information about international partnerships  
and exchange programmes  
[www.hs-duesseldorf.de/internationaloffice](http://www.hs-duesseldorf.de/internationaloffice)

Information provided by the student representatives  
[medien.hs-duesseldorf.de/fachschaft](http://medien.hs-duesseldorf.de/fachschaft)

## Important Points of Contact

**Student advisory service at Robert Schumann  
Hochschule**  
Fischerstraße 110, 40476 Düsseldorf  
[kontakt@rsh-duesseldorf.de](mailto:kontakt@rsh-duesseldorf.de)  
[www.rsh-duesseldorf.de](http://www.rsh-duesseldorf.de) > Student Info > For  
Applicants

**Student Advisory Services**  
Münsterstrasse 156, 40476 Düsseldorf  
[studienberatung@hs-duesseldorf.de](mailto:studienberatung@hs-duesseldorf.de)  
[www.hs-duesseldorf.de/studienberatung](http://www.hs-duesseldorf.de/studienberatung)

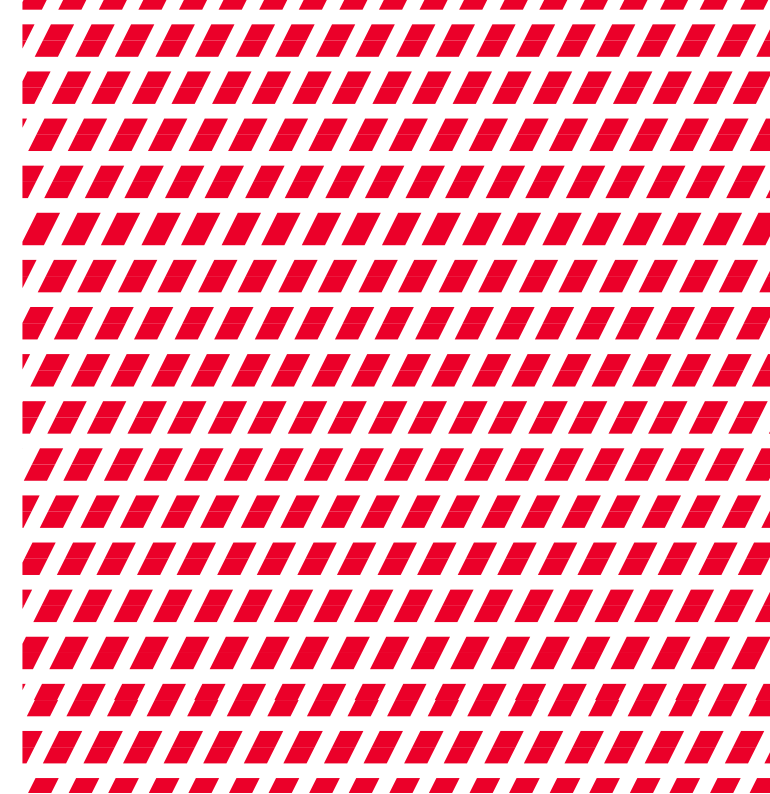
**Office of Parent and Family Affairs**  
Münsterstrasse 156, 40476 Düsseldorf  
[familienbuero@hs-duesseldorf.de](mailto:familienbuero@hs-duesseldorf.de)  
[www.hs-duesseldorf.de/familienbuero](http://www.hs-duesseldorf.de/familienbuero)

**Office for Barrier-Free Studies**  
Münsterstrasse 156, 40476 Düsseldorf  
[barrierefrei@hs-duesseldorf.de](mailto:barrierefrei@hs-duesseldorf.de)  
[www.hs-duesseldorf.de/abs](http://www.hs-duesseldorf.de/abs)

**The University of Applied Sciences Düsseldorf  
invites**

You are invited to audit classes and to visit informational  
events, such as our Open-House, the Campus Fair, the  
Girls Day, the Studio5 Info Day ...

**Information about all events**  
[www.hs-duesseldorf.de/studienberatung](http://www.hs-duesseldorf.de/studienberatung)



**HSD**  
Hochschule Düsseldorf  
University of Applied Sciences

**M**  
Faculty of  
Media

Bachelor

# Media Engineering

# CURRICULUM

## 1<sup>ST</sup> AND 2<sup>ND</sup> SEMESTER

- Mathematics | Physics
- Digital Engineering | Electrical Engineering
- Image and Video Engineering | Acoustics
- Computer Graphics | Media Design
- Sound Studio Engineering | Network Engineering
- Computer Science for Engineers
- Multimedia Engineering
- Signal Processing
- Technical Practical Training

## 3<sup>RD</sup> AND 4<sup>TH</sup> SEMESTER

- Project Management, Media and IT Law
- Project - Media Engineering
- 3 Electives (Professional In-Depth Study 1): Acoustics | Sound Engineering | Signal Processing | Room Acoustics | RichInternet Applications | Digital Image and Video Engineering | Computer Graphics | Virtual Reality | Lighting Techniques | Multimedia Authoring 1

## 5<sup>TH</sup> SEMESTER

- Virtual Studio
- Project - Media Engineering
- 3 Electives (Professional In-Depth Study 2): Special Topics - Acoustics & Sound Engineering | Business Administration Statistics | E-Learning & Knowledge Cooperation | Digital Image Processing | Special Topics for Image Processing | Interactive Visualisation | Technical Exhibition Booth Planning | Multimedia Authoring 2

## 6<sup>TH</sup> SEMESTER

- Internship Semester

## 7<sup>TH</sup> SEMESTER

- Interdisciplinary Elective
- Bachelor Thesis
- Colloquium

## Course Profile

The Bachelor degree programme Media Engineering trains the students to become media technology engineers. The course of studies has a scientific and technical as well as an informational basis, comprises the basics and in-depth knowledge on the audio, video and multimedia field as well as interdisciplinary and key qualifications. The course includes comprehensive practical parts in all phases. The programme offers an excellent opportunity in the framework of the 2-semester specialisation phase to develop individually as a media specialist in an occupational field. In this way students are trained for numerous specialist fields in developing media solutions, services and products.

## Occupational Fields

The Bachelor degree programme Media Engineering qualifies the students for the occupational fields of audio, video, virtual reality, AV presentation technology/ event systems and web/multimedia. Media engineers assume important, integrating functions by combining informatics with audiovisual contents, technology with design and products with ergonomics. To do this they act as intermediaries between the complex media hardware and the user who wants an individual media solution with integrative solutions and graphic interfaces that are easy to use.

## Admission Requirements

### University Entrance Qualification

In order to pursue a degree at the University of Applied Sciences Düsseldorf, you will need a University Entrance Qualification. This is a school leaving certificate that is equivalent to the Higher Education Entrance Qualification (German Abitur), or the German University of Applied Sciences Entrance Qualification, which allow you to pursue a University degree in Germany. The anabin ([www.anabin.de](http://www.anabin.de)) database contains information that will tell you whether your school certificate grants you immediate University entrance or whether you will need to attend a preparatory course and to complete an admission exam.

Further information can be obtained here: [www.hs-duesseldorf.de/qualification](http://www.hs-duesseldorf.de/qualification)

### Preparatory Internship

To be admitted to the course no practical activities have to be proven apart from the academic education (university entrance requirements).

### German language proficiency

All study courses at UAS D are generally taught in German, which means that applicants with a foreign university entrance qualification must have a sufficient German-language proficiency. This must be proven by a language certificate which is also part of the admission requirements and has to be submitted no later than 30 September.

Information about German certificates which are recognised by HS Düsseldorf (UAS Düsseldorf) can be obtained here:

[www.hs-duesseldorf.de/entryrequirements](http://www.hs-duesseldorf.de/entryrequirements)

Information about admission requirements can be found in the respective examination regulations:

[www.hs-duesseldorf.de/pruefungsordnungen](http://www.hs-duesseldorf.de/pruefungsordnungen)

## Application

The Bachelor study programme Media Engineering is subject to limited admission. Lectures can only be started during the winter semester.

The application deadline is **15 July**.

Applicants with international certificates generally apply via uni-assist ([www.uni-assist.de](http://www.uni-assist.de)). Uni-assist will determine whether you have a University entrance qualification for your desired field of study. If you have completed a foundation course, you can apply for admission online directly at the UAS Düsseldorf: [www.hs-duesseldorf.de/bewerbung](http://www.hs-duesseldorf.de/bewerbung)

Information about where to submit your application can be found here:

[www.hs-duesseldorf.de/applicationprocess](http://www.hs-duesseldorf.de/applicationprocess)

UAS Düsseldorf internet portal for online applications: [www.hs-duesseldorf.de/bewerbung](http://www.hs-duesseldorf.de/bewerbung)

Online applications are generally accepted by beginning/mid-May (application for the winter semester). An application can only be submitted at that point and is always only valid for the following semester.

Prospective international students can obtain detailed information at the International Office: [www.hs-duesseldorf.de/application](http://www.hs-duesseldorf.de/application)