

## Projects

The following projects can be taken **without knowledge of German**, as they are project-based and the professors are able to offer support in English.

### Studio Hamburg Project – Film & Television

Studio Hamburg is Germany's leading production and service company for film and television. Each semester a group of students complete a project in the studios of Studio Hamburg and in cooperation with the professionals who work there. The project can be the transformation of a theatre play, a current staging production or a talk show into a film production. The students are given an introduction to the use of the OB vehicle, working with cameras, lighting and sound. The Studio Hamburg project is organised as a large project with different sections and is divided into section leaders and teams for production, recording, directing, picture technology, lighting, sound, staging technology, camera, dramaturgy, editorial, trailer, making of and catering.

### Zeisehallen Project – Theatre

The Zeisehallen project is a cooperation with the Hamburg Theatre Academy and its degree programmes "Music Theatre Directing" and "Acting Directing". Media Technology students from Hamburg University of Applied Sciences are responsible for the drafting and development of lighting and sound ideas for the student productions. They can also develop ideas for video and animation. Project II takes place in March and Project III from May to July.



### Production Lab / Dramaturgy Project

A project is also offered every semester as part of the production lab work. In the winter semester 2008/09 it was a media staging about Richard Wagner's opera trilogy "Der Ring der Nibelungen" at the Hamburg State Opera House as an alliance between theatre and film. In the summer semester 2009 students will be presenting projects and films under the title "A Midsummer Night's Dream". Projects are also offered regularly in cooperation with cultural institutions, so that students can gain practical experience during their studies. In 2009 and 2010 students will be involved in the development of an international opera with live stream at the Music Theatre in Revier in Gelsenkirchen as part of the European Culture City of the Year Ruhr 2010. This project builds on the knowledge and experience gained during the Studio Hamburg project.

### Individual Projects & Equipment

Students can also work on their own film projects for study credit. They can use university camera and sound equipment – everything that is needed to make film recordings outside the studio. They can also borrow EB equipment and Avid Dongle and hard drives, so that they can cut the films at home. Post production is carried out on Unity-Lanshare with Avid Media Composer; Final Cut and Premiere are also available. For compositing students use After Effect and Combustion. Colorgrading is done with Clipster, DVD Authoring with DVD Studio Pro or Encore. The technical staff of the Video Lab support the students and give advice on project management, team organisation, meetings and administration of large projects, such as Studio Hamburg.

## Modules

The following modules can be taken **without knowledge of German**, as they are project-based and the professors are able to offer support in English.

<b>Module name: Artistic Composition I</b>	<b>Lecturer: Prof. Wolfgang Willaschek</b>
<b>Workload: 120 hours</b>	<b>Hours per week: 4 Credits: 5</b>
<p><b>Course description:</b> Students are introduced to the genres of literature, theatre, film, fine arts and media art. The focus is the correlation to the future fields of work and knowledge about the development and creative process of film/theatre productions and projects. During the course students develop their own ideas in written and oral papers. Particularly important is the dramaturgy of film with the focus on camera technology, picture composition, screenplay, lighting and sound. Students learn to bring together technical know-how with dramaturgy and the aesthetics of different art styles.</p>	

<b>Module name: Artistic Composition II</b>	<b>Lecturer: Prof. Wolfgang Willaschek</b>
<b>Workload: 50 hours</b>	<b>Hours per week: 2 Credits: 2</b>
<p><b>Course description:</b> Students develop their own methods of artistic and technical implementation of a project. Of particular importance is the drafting of a screenplay with a storyboard, in order to combine the text and visual requirements for the development of a film. At the same time students become familiar with the concrete jobs of those responsible for the technology and the art in theatre and film; e.g. with the role of the director, the cameraman, the production leader, the technical head and those responsible for the areas of disposition, lighting and sound. Looking at an excellent example from film history the students analyse the dramaturgy and aesthetics of a masterpiece together with their own experiences in the conceptual development of a short film.</p>	

<b>Module name: Camera Acting</b>	<b>Lecturer: Prof. Wolfgang Willaschek</b>
<b>Workload: 100 hours</b>	<b>Hours per week: Project Credits: 3</b>
<p><b>Course description:</b> The practical application of the theory taught in the lectures "Artistic Composition I and II". Students look at the basics of picture aesthetics and the techniques of story-telling; how an idea is secured through a storyboard; how a set is developed; how a scene is divided up into parts; how lighting is used, how sound is angled; cutting and assembling; adding sound. "Camera Acting" looks at the drafting, development, filming and cutting of a short film. Students develop screen plays and storyboards, rehearse scenes and are given an introduction to using cameras and the labs.</p>	

<b>Module name: Video Technology &amp; Production</b>	<b>Lecturer: Prof. Ulrich Schmidt</b>
<b>Workload: 150 hours</b>	<b>Hours per week: 4 Credits: 5</b>
<p><b>Course description:</b> The course looks at digital video signals, digital film and television technology, High Definition Systems, equipment technology and studio technology.</p>	

<b>Module name: Sound Design (Compulsory Elective)</b>	<b>Lecturer: Prof. Thomas Görne</b>
<b>Workload: 150 hours</b>	<b>Hours per week: 4-6 Credits: 5</b>
<p><b>Course description:</b> The course focuses on technical and artistic aspects of sound design. Special emphasis is placed on music production or film sound. Generic topics: Technical ear training, applied analogue and digital signal processing, applied microphone technique, audio effect units, psycho-acoustic principles, perception of sound, applied room acoustics.</p> <p><b>Special topics of music production:</b> sound generation and radiation of musical instruments, basic instrumental recording, music-related stereo and surround techniques, use of filters, equalizers, dynamics and advanced effects, mixing and editing, artistic principles of classical and pop music production.</p> <p><b>Special topics of film sound:</b> location recording, re-recording of dialogue and foleys, film-related stereo and surround techniques, distance perception and acoustical perspective, use of filters, equalizers, dynamics and advanced effects, principles of sound synthesis, mixing for TV and film, score music and scene music; artistic principles of film sound design.</p>	

<b>Module name: Lighting Design (Compulsory Elective) *</b>	<b>Lecturer: Prof. Roland Greule</b>
<b>Workload: 160 hours</b>	<b>Hours per week: 4      Credits: 5</b>
<p><b>Course description:</b> The course looks at the functions and the areas of application of spotlights, moving lights and coloured lighting and how these systems are joined together to one design concept. Lighting Design looks not only at TV and film lighting but also at architecture lighting. Students can evaluate and use design criteria. The goal of this module is to gain an overview of the area of light design, in particular the consideration and use of design in practical examples. The content of the course includes perception and emotion psychology, lighting technology according to McCandless, light philosophies and styles (high-key, low-key), light direction and modeling, spotlights and moving lights, introduction to colour metrics and colour psychology, theatre, studio and television lighting as well as architecture lighting, light control and simulation.</p> <p>(*this module is offered in the winter semester only).</p>	

<b>Module name: Systematic Dramaturgy (Compulsory Elective)*</b>	<b>Lecturer: Prof. Wolfgang Willaschek</b>
<b>Workload: 150 hours</b>	<b>Hours per week: 4      Credits: 5</b>
<p><b>Course description:</b> In this course students will look at the field of work of dramatists, authors and other people responsible for the artistic planning of theatre, film, television, radio and fine arts. The focus is on the analysis and the development of screenplays and the examination of the long and short term planning of artistic projects and productions. The students develop their own contacts to people in the theatre, film or fine arts, in order to accompany them in their work and examine their concepts. Prerequisites: artistic composition courses (or similar) and some project experience</p> <p>(*this module is offered in the winter semester only).</p>	

<b>Module name: Practice Dramaturgy (Compulsory Elective)**</b>	<b>Lecturer: Prof. Wolfgang Willaschek</b>
<b>Workload: 150 hours</b>	<b>Hours per week: 4      Credits: 5</b>
<p><b>Course description:</b> The primary goal of the course is to bring the media technology students closer to the artistic/creative people during the preparation of a film, theatre production or an art project and improve the way people with a technical background and people with an artistic background work together. Students are involved in the conceptional work and later in the project development in field of work. The course is an optimal preparation for students before they complete their internship semester or their Bachelor thesis in the practical field.</p> <p>(**this module is offered in the summer semester only).</p>	

<b>Module name: Perception (Compulsory Elective)</b>	<b>Lecturer: Prof. Thomas Goerne</b>
<b>Workload: 150 hours</b>	<b>Hours per week: 4      Credits: 5</b>
<p><b>Course description:</b> The course looks at the creation of moods and emotions in film by means of picture and sound design – how is light, camera, sound, etc. used to achieve a certain mood or emotion? Students analyze films as part of the course and present their knowledge in papers or as projects.</p>	

<b>Module names: Project 1, Project 2, Production Project</b>	<b>Lecturer:</b>
<b>Workload: Project</b>	<b>Hours per week: Project      Credits: 8</b>
<p><b>Course description:</b> Students complete a film project as part of a student team. They can decide where they want to place their focus within their team – on audio, video, production, post production. These projects can be completed independently – with support from the technical staff of the video, audio and production labs – or as part of the Studio Hamburg, Zeishehallen or Production Lab/Dramaturgy projects.</p>	