Title of course	**Media Production 1**
Responsible instructor	*Prof. Dr. Klaus Chantelau*
Learning objectives	*The students should be able to* *− _analyze typical problems in the field of video production* *− _to understand the technical quality features of videos* *− _to use the main software tools for video production.* *− _to use the lighting, recording and post-production equipment of a virtual studio for video production .*
Course contents	*Practically-oriented exercises with animation, audio and video production tools, especially Maxon Cinema 4D, Adobe Master Collection.* *Video camera technology, video lighting equipment.* *Theory and practice of recording technology and the use of green screen technology with real-time systems, video composition with Adobe After Effects and video editing with Adobe Premiere and DaVinci Resolve. Sound creation and composition with Cubase*
Teaching methods	*Slides, computer exercises (C4D, Adobe Master-Collection), exercises in a green screen studio.*
Prerequisites	*The scope of the Bachelor Module Multimedia and Communications Systems*
Suggested reading	*Professionelle Videotechnik" - U. Schmidt* *Springer 2000, ISBN 3-540-66854-* *"Cinema 4D 12", Andreas Ansanger, Galileo Design 2011, ISBN 9-783-836-21-7071* *"Adobe After Effects CS 5", Philippe Fontaine, Gaileo Design 2011, ISBN 978-3-8362-1593-0*
Applicability	*Master Angewandte Medieninformatik, Master Applied Computer Science*
Workload	*Total 90 hours. Attendance: 30 hours, Self-Study: 30 hours, Exam Preparation 30 hours*
ECTS credit points and weighting factor	*3 CP*
Basis of student evaluation	*Project and project defense*
Time	*2nd semester*
Frequency	*Once during the academic year (winter semester)*
Duration	*One semester*
Course type	*Elective course*
Remarks	Teaching language is English.