

Course Description – Summer 2025

Media Production

Title	Media Production (MMP)
Faculty	Computer Science
Professor	Prof. Dr. Klaus Chantelau
ECTS	3 (possibility to increase ECTS to 5)
Level	Master, Bachelor (with prerequisites)
Requirements	Basic knowledge in linear algebra and analysis.
Add. Information	
Content	In this module, the theoretical and practical technical skills for a state-of-the-art digital video production are taught with an introduction into standard software as for example the Adobe CC collection of programmes for media production. This includes in particular the following topics: professional handling of video camera and lighting technology, video production and transmission formats such as RAW and H.264, color spaces and keying, camera calibration, tracking and video compositing, 360 degree and stereo video technology, animation-, audio- and video-post production systems, green screen and mixed reality techniques.