

## TUB elective course list

Courses	ECTS
3D Computer Vision	12
Advanced Computer Vision	12
Automatic Image Analysis	6
Biometric identification	3
Computer Vision	12
Digital Communities	6
Digital Image Processing	6
Game Programming	9
Introduction to Physiological Computing	6
Mobile Interaction	6
Multimodal Interaction	3 or 6
Project Hot Topics in Computer Vision A	6
Project Hot Topics in Computer Vision B	6
Seminar Quality & Usability	3
Speech and Audio Technology	9
Speech Interaction	12
Speech Signal Processing and Speech Technology	6
Study Project Quality and Usability	6 or 9
Usability	9
Usability Engineering	6
Usability in Multimodal Interaction	12
Vision and Imaging	9

<b>Semantic Search</b>	12
<b>Seminar Hot Topics in Computer Vision</b>	3
<b>Web Technologies</b>	6
<b>Writing and Publishing a Scientific Paper</b>	6
<b>Compiler Constructions I</b>	6
<b>Embedded Operating Systems</b>	6
<b>Computer Arithmetic: Circuit Perspective</b>	6
<b>Robotics I+II</b>	12
<b>Robotics-Projekt</b>	9
<b>Digitale Signalverarbeitung(*)</b>	6
<b>Empirisch-wissenschaftliches Arbeiten(*)</b>	6
<b>Audiotechnik I(*)</b>	6
<b>Musikformatik I(*)</b>	6
<b>Virtuelle Akustik(*)</b>	6

(\*) Courses are taught in German, but English material is provided

