| Module<br>MA-INF 2216 | **Lab Visual Computing** | | | | |
|---|---|---|---|---|---|
| **Workload**<br>270 h | **Credit points**<br>9 CP | **Duration**<br>1 semester | **Frequency**<br>every year | | |
| **Module coordinator** | Jun-Prof. Dr. Angela Yao | | | | |
| **Lecturer(s)** | Jun-Prof. Dr. Angela Yao | | | | |
| **Classification** | **Programme**<br>M. Sc. Computer Science | | **Mode**<br>Optional | **Semester**<br>1., 2., 3. or 4. | |
| **Technical skills** | The students will carry out a practical task (project) in the context of computer vision, including test and documentation of the implemented software/system. | | | | |
| **Soft skills** | Ability to properly present and defend<br>design decisions, to prepare readable documentation of software; skills in constructively collaborating with others in small teams over a longer period of time; ability to classify ones own results into the state-of-the-art of the resp. area | | | | |
| **Contents** | This lab introduces computer vision methods and applications. You will get a chance to study the methods in depth by implementing them and running experiments. At the end of the semester, you will present the method, give a short demonstration and hand in a report describing the method and experimental outcomes. | | | | |
| **Prerequisites** | none | | | | |
| **Format** | **Teaching format** | **Group size** | **h/week** | **Workload[h]** | **CP** |
| | Lab | 8 | 4 | 60 T / 210 S | 9 |
| | T = face-to-face teaching; S = independent study | | | | |
| **Exam achievements** | Oral presentation, written report (graded) | | | | |
| **Study achievements** | none (not graded) | | | | |
| **Forms of media** | | | | | |
| **Literature** | | | | | |