| | Example study paths for track "Visual Computing" | CMS Track | Contents of COR modules that should be priorly known or selected | Modul CMS-VC-ELG | Modul CMS-VC-EL1/2 | Modul CMS-SEM | Modul CMS-VC-TEA |
|---|---|---|---|---|---|---|---|
| 1 | Interactive Visualization | VC | CMS-COR-VIZ CMS-COR-HPC CMS-COR-SED | User Interface Engineering, [Scientific Programming or Interactive Multimedia Information Retrieval] | Interactive Information Visualization, Scientific Visualization, Advanced User Interfaces, Digitization and Data Analytics | Application Area B | check also offers in CMS-CLS-TEA or CMS-LM-TEA |
| 2 | Image Sythesis and Understanding | VC | CMS-COR-MLD CMS-COR-NUM CMS-COR-SAP | Computer Graphics 1, Computer Vision 1 | Computer Graphics 2, Machine Learning 2, Machine Learning for Robotics | Application Area B | |
| 3 | 3D Scene Understanding and Interaction | VC | CMS-COR-MLD CMS-COR-NUM CMS-COR-SAP | User Interface Engineering, Computer Vision 1 | Machine Learning 2, Advanced User Interfaces, Machine Learning for Robotics | Application Area B | |
| 4 | Interactive Steering and Exploration | VC | CMS-COR-HPC CMS-COR-NUM CMS-COR-VIZ | User Interface Engineering, Scientific Programming | Advanced User Interfaces, Scientific Visualization, Particle Methods, Interaktive Informationsvisualisierung | Application Area B | check also offers in CMS-CLS-TEA or CMS-LM-TEA |
| 5 | Augmented Reality | VC | CMS-COR-VIZ | Computer Graphics 1, Foundations of Virtual Reality | Advanced User Interfaces, Touch Sensing and Processing, Computer Vision 1, Computer Graphics 2 | Application Area B | |
| 6 | Visual Analysis | VC | CMS-COR-VIZ CMS-COR-MLD CMS-COR-HPC | User Interface Engineering, Computer Graphics 1 | Advanced User Interfaces, Scientific Visualization, Interaktive Informationsvisualisierung | Application Area B | check also offers in CMS-CLS-TEA or CMS-LM-TEA |