Example study paths for track "Visual Computing"	CMS Track	Contents of COR modules that should be priorly known or selected	CMS-VC-ELG	CMS-VC-EL1/2	CMS-SEM	CMS-VC-TEA
1 **Interactive Visualization**	VC	CMS-COR-VIZ CMS-COR-HPC CMS-COR-SED	User Interface Engineering [Computational Fluid Dynamics or Computer- and Robot-assisted Surgery]	Scientific Visualization Interaktive Informationsvisualisierung Interactive Multimedia Information Retrieval	Seminar Visual Computing	Ideally in cooperation with students from other tracks
2 **Image Synthesis and Understanding**	VC	CMS-COR-MLD CMS-COR-NUM CMS-COR-SAP	Computer Graphics 1 Computer Vision 1	Computer Graphics 2 Computer Vision 2 Machine Learning 2	Seminar Visual Computing	
3 **3D Scene Understanding and Interaction**	VC	CMS-COR-MLD CMS-COR-NUM CMS-COR-SAP	User Interface Engineering Computer Vision 1	Computer Vision 2 Machine Learning 2 Advanced User Interfaces	Seminar Visual Computing	
4 **Interactive Steering and Exploration**	VC	CMS-COR-HPC CMS-COR-NUM CMS-COR-VIZ	User Interface Engineering Computational Fluid Dynamics	Advanced User Interfaces Scientific Visualization Particle Methods Interaktive Informationsvisualisierung	Seminar Visual Computing	Ideally in cooperation with students from other tracks
5 **Augmented Reality**	VC	CMS-COR-VIZ	Computer Graphics 1 User Interface Engineering	Advanced User Interfaces Scientific Visualization Computer Vision 1 Computer Graphics 2	Seminar Visual Computing	
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	Seminar Visual Computing	Ideally in cooperation with students from other tracks