

	Example study paths for track "Computational Modeling in Energy Economics"	CMS Track	Contents of COR modules that should be priorly known or selected	Modul CMS-EE-EL1	Modul CMS-EE-EL2	Modul CMS-SEM	Modul CMS-EE-SCEE
1	Data Science in Energy Economics	EE	CMS-COR-SAP CMS-COR-VIZ CMS-COR-SED	- Applied Power System Economics - Scientific Visualization	- Machine Learning 1 - Advanced Problem Solving and Search	Seminar Electric Power Markets Seminar Visual Computing = Hauptseminar Computer Graphics and Visualization	Ideally in cooperation with students from the visual computing track
2	Market Analyst in Energy Economics	EE	CMS-COR-SED CMS-COR-SAP CMS-COR-NUM	- Applied Power System Economics - Digitization and Data Analytics: Architectures, Methods and Consequences	- Numerical Mathematics for Partial Differential Equations - Numerical Mathematics for Partial Differential Equations - Advanced Concepts	Seminar Electric Power Markets Seminar Computational Mathematics	Ideally in cooperation with students from the computational mathematics track
3	Software implementation for power utilities	EE	CMS-COR-NUM CMS-COR-HPC CMS-COR-SSE	- Applied Power System Economics - Advanced User Interfaces	- Scientific Programming - Fortgeschrittene Aspekte - Scientific Arithmetic - Advanced Aspects	Seminar Electric Power Markets Seminar Visual Computing = Hauptseminar Computer Graphics and Visualization	Ideally in cooperation with students from the visual computing track
4	Data Science and fundamental modelling in energy management	EE	CMS-COR-HPC CMS-COR-SAP CMS-COR-SED	- Applied Power System Economics - Scientific Visualization	- Numerical Mathematics for Partial Differential Equations - Advanced Problem Solving and Search	Seminar Electric Power Markets Seminar Visual Computing = Hauptseminar Computer Graphics and Visualization	Ideally in cooperation with students from the computational mathematics track