

Master Programme Technomathematics at TU Dresden*

[123 ECTS**]

1 st Semester	Partial Differential Equations (PDE)	Numerical Analysis for PDE	Finite Element Method (FEM): Theory, Implementation & Application	Specialization Module	Minor Field Study
	6 ECTS	6 ECTS	6 ECTS	6 ECTS	6 ECTS
2 nd Semester	Specialization Module	Specialization Module	Specialization Module	Modelling Seminar	Minor Field Study
	6 ECTS	6 ECTS	6 ECTS	8 ECTS	6 ECTS
3 rd Semester	Specialization Module	Specialization Module	Specialization Module	Project	Minor Field Study
	6 ECTS	6 ECTS	6 ECTS	4 ECTS	6 ECTS
				ECMI International Modelling Week	
				3 ECTS	
4 th Semester	Colloquium			Master Thesis	

The programme is based on the ECMI International Model Master curriculum.

(Last updated 2018)

* <https://tu-dresden.de/mn/math/studium/studienangebot/technomathematik-master>

** ECTS: credit points