

MASTER OF SCIENCE IN COMPUTATIONAL MECHANICS (MSCM)

FIRST SEMESTER		ECTS	Oblig/Optat
250950	Numerical Methods for PDEs	5	Mandatory
259951	Finite Element Method	5	Mandatory
250952	Continuum Mechanics	5	Mandatory
250954	Advanced Fluid Mechanics	5	Elective
250960	Communication Skills 1	5	Elective
250964	Entrepreneurship for engineers	5	Elective
SECOND SEMESTER		ECTS	Oblig/Optat
250958	Computational Structural Mechanics and Dynamics	5	Elective
250957	Finite Elements in Fluids	5	Elective
250956	Computational Solid Mechanics	5	Mandatory
250959	Industrial Training	15	Mandatory
THIRD SEMESTER		ECTS	Oblig/Optat
250961	Computational Mechanics Tools	5	Elective
250965	Advanced Discretization Methods	5	Elective
250967	Communication Skills 2	5	Elective
FOURTH SEMESTER		ECTS	Oblig/Optat
250970	Domain Decomposition and Large Scale Scientific Computing	5	Elective
250955	Programming for Engineering and Science	5	Elective
250963	Coupled Problems	5	Elective
250968	Master Thesis**	30	Mandatory

** The Master Thesis is between semesters 3 and 4