

Subject Code	Subject Name	Class Planning	Time Slot	
0LM180	Model-based Science: Principles and Practice	Semester A Kwartiel 1	C	I
2DMN00	Design and analysis of experiments	Semester B Kwartiel 3	D	I
2MMA20	Partial differential equations	Semester B Kwartiel 3	D	I
2MMA50	Advances in continuum modeling	Semester B Kwartiel 3		I
2MMA60	Introduction to homogenization	Semester A Kwartiel 1	C	I
2MMH30	Analysis and scientific computing	Semester A Kwartiel 1 t/m Semester B Kwartiel 4		I
2MMN10	Scientific computing	Semester A Kwartiel 1	E	I
2MMN20	Scientific programming	Semester A Kwartiel 2	D	I
2MMN30	Scientific computing in partial differential equations	Semester B Kwartiel 4	C	I
3MT010	Advanced fluid dynamics	Semester B Kwartiel 3	B	I
3MT020	Micro- and nanofluidics	Semester A Kwartiel 1	C	I
3MT140	Experimental methods in transport physics	Semester A Kwartiel 2	E	I
3MT150	Environmental Fluid Mechanics	Semester A Kwartiel 1	D	I
4BM00	Advanced engineering mathematics	Semester A Kwartiel 1	E	R
4BM20	Experimentation for Mechanical Engineering	Semester A Kwartiel 2	E	R
4BM60	Interfacial Transport in Engineering Flows	Semester A Kwartiel 1		R
4CM40	Physical modelling	Semester B Kwartiel 3	D	I
4CM50	Applications of design principles	Semester B Kwartiel 4	D	I
4DM20	Optimisation	Semester B Kwartiel 3	B	I
4EM30	Scientific computing for mechanical engineering	Semester B Kwartiel 3	B	R
4EM60	Advanced discretization techniques	Semester B Kwartiel 4	B	I
4LM10	Polymer components in high performance applications	Semester A Kwartiel 1		K
4LM20	Polymer processing	Semester A Kwartiel 2	C	K
4LM30	Multiscale modelling for polymer mechanics	Semester B Kwartiel 3	C	K
4LM40	Structural integrity and reliability	Semester B Kwartiel 4	C	K
4LM50	Rheology	Semester B Kwartiel 4		K
4MM00	Composite and light-weight materials: design and analysis	Semester A Kwartiel 1	A	R
4MM10	Advanced computational continuum mechanics	Semester A Kwartiel 2	A	R
4MM20	Computational and experimental micro-mechanics	Semester A Kwartiel 2	D	I
4MM30	Deformation and failure of materials	Semester B Kwartiel 4	B	I
4MM40	Mechanics of micro-electronics	Semester B Kwartiel 4	D	I
4UM00	Microfabrication methods	Semester A Kwartiel 1	B	I
6EMA51	Characterization of materials	Semester A Kwartiel 1	B	I
6MSM40	Mechanical and functional properties of materials	Semester B Kwartiel 4	E	I
6MSM30	Polymer science	Semester B Kwartiel 3	D	I
7KP6M0	Energy and finite elements methods	Semester B Kwartiel 3	E	I
7KT7M0	Finite element method, non-linear	Semester A Kwartiel 1	B	I
7LY6M0	Materials panorama: design, functionality, environmental aspects	Semester B Kwartiel 4	B	I
8MM30	Numerieke analyse van continua II	Semester B Kwartiel 3	D	I
8VM40	Cardiovasculaire vaste stof - vloeistof interactie	Semester B Kwartiel 4	D	I
8VM00	Cardiovasculaire stromingsleer	Semester A Kwartiel 1	B	I