

Delft University of Technology

Faculty of Mechanical, Maritime and Materials Engineering

Specialisation Course: Metals Science and Technology (MST)

	Code	Module name	EC	Total 14 EC
<input type="checkbox"/>	MS3412	Processing of Metals	4	
<input type="checkbox"/>	MS3442	Relation between Properties and Microstructure	4	
<input type="checkbox"/>	MS3452	Total Performance Approach: Case Studies	3	
<input type="checkbox"/>	MS3461	Corrosion and Protection against Corrosion	3	
<input type="checkbox"/>				

Specialisation Course: Advanced Functional Polymers (AFP)

	Code	Module name	EC	Total 14 EC
<input type="checkbox"/>	CH4041MS	Structure Formation and Characterization	4	
<input type="checkbox"/>	CH4091MS	Polymer Processing and Blends	3	
<input type="checkbox"/>	CH4131MS	Polymer Structure and Dynamics	3	
<input type="checkbox"/>	CH4141MS	Advanced Polymer Applications	4	
<input type="checkbox"/>				

Specialisation Course: Advanced Construction Materials: Roads & Buildings (ACM)

	Code	Module name	EC	Total 14 EC
<input type="checkbox"/>	CIE5100	Repair and Maintenance of Construction Materials	4	
<input type="checkbox"/>	CIE5102	Forensic Building Materials Science	3	
<input type="checkbox"/>	CIE5110	Concrete - Science and Technology	4	
<input type="checkbox"/>	CIE5146	Micromechanics and Computational Modelling of Building Materials	3	
<input type="checkbox"/>				

Specialisation Course: Materials for Energy and Environmental Impact (MEE)

	Code	Module name	EC	Total 16 EC
<input type="checkbox"/>	ME1306	Materials at High Temperature	5	
<input type="checkbox"/>	ME1308	Materials for Hydrogen and Solar Applications	4	
<input type="checkbox"/>	ET4376	Photovoltaic Basics	4	
<input type="checkbox"/>	MS4151	Recycling Engineering Materials	3	
<input type="checkbox"/>				

Elective Modules

	Code	Module name	EC	Total ≥ 4 EC
<input type="checkbox"/>	CIE4030	Methodology for Scientific Research	3	
<input type="checkbox"/>	CIE4100	Materials and Ecological Engineering	4	
<input type="checkbox"/>	CIE4880	Road Paving Materials incl. Laboratory Experiment	7	
<input type="checkbox"/>	CIE5142	Computational Methods in Non-Linear Solid Mechanics	3	
<input type="checkbox"/>	MS3401	Primary Metals Production	3	
<input type="checkbox"/>	BM1112	Powder techn. and adv. mat. for eng. and biomedical applications	3	
<input type="checkbox"/>	MS3432	Determination of Microstructure	4	
<input type="checkbox"/>	MS3912	Internship	6	
<input type="checkbox"/>	MS4071	Materials in Art and Design	3	
<input type="checkbox"/>	MS4131NS	Solid State Physics II	3	
<input type="checkbox"/>				
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Assignments (MSc-project, other Projects)

	Code	Module name	EC	Total ≥ 40 EC
<input type="checkbox"/>	MS3901	Research Project (leading to MSc thesis)	40	
<input type="checkbox"/>				
<input type="checkbox"/>				
<input type="checkbox"/>				

EC = European Credit. 1 EC = 28 hours study load

Date:

Signature student

Date:

Board of Examiners: