


# MSc Construction Management and Engineering - Curriculum 2022-2023

## MSc CME Curriculum 2022-2023: Core, Ethics, General Electives, Specialisations & Graduation

Y1:Q1	Y1:Q2	Y1:Q3	Y1:Q4	Y2:Q1	Y2:Q2	Y2:Q3	Y2:Q4
<b>AR8003TU</b> Legal and Governance 5 ects	<b>CME4000</b> Project Management 6 ects	<b>CME4120</b> Information Systems for the Construction Industry 4 ects			<b>CME5100</b> CME Master Thesis Preparation 5 ects *	<b>CME5200</b> CME Master Thesis 30 ects *	
<b>CME4200</b> Intercultural Relations 2 ects	<b>CME1201</b> Collaborative Design and Engineering 5 ects	<b>CME4100</b> Process Management 5 ects	<b>CME5020 (or CME5030)</b> Research & Development Methods for P&P/D&I 3 ects		<b>CME4400</b> Entrepreneurial Engineering 5 ects		
<b>CME4150</b> Managing Uncertainty & Data 4 ects	<b>CME4300</b> Engineering Asset Management 5 ects	<b>CME4481</b> Systems Engineering Design 5 ects	<b>CME4701</b> Construction Management Systems 5 ects	<b>CME4170</b> Construction Technology 5 ects			
<b>CME2300</b> Financial Engineering 4 ects		<b>CME5030 (or CME5020)</b> Research & Development Methods for E&S 5 ects					
		<b>CME4100</b> Process Management 5 ects	<b>CME2201</b> Dynamic Control of Projects 4 ects	<b>CME2100-11</b> Research Internship 10 ects *	<b>CME4600</b> Leadership and Strategic Management 4 ects		
			<b>CME5020 (or CME5030)</b> Research & Development Methods for P&P/D&I 3 ects	<b>TUD4040-10EC</b> Joint Interdisciplinary Project 10 ects *			
		<b>WM0329TU</b> Ethics and Engineering 6 ects	<b>WM0312CIE</b> Philosophy, Technology Assesment and Ethics 4 ects	<b>CME4900</b> Open Design Contractor Project 10 ects *	<b>TPM003A</b> Water Ethics 5 ects		
		<b>WM0376TU</b> Ethics of Technological Risk 5 ects		<b>CME4950</b> CME Research & Development Project 10 ects *	<b>WM0201-TU-eng</b> Technical writing 2 ects *		
		<b>CME4800</b> Procurement of Complex Public Projects 5 ects	<b>CME4500</b> Engineering Systems Optimisation 4 ects	<b>CME4850</b> Forms of Collaboration in Civil Engineering 5 ects	<b>TPM305A</b> Writing a Master's Thesis in English 2 ects *		

### Legend

Compulsory Courses
Ethics Courses - Must choose at least one of these courses
Project Courses - at maximum only one out of these courses
General Electives
<b>Specialisations</b>
Design & Integration
Engineering & Systems
Projects & People

 At maximum only 1 out of these courses.

\* May be scheduled at any time