

Construction Management and Engineering

PROFILES

Construction Management and Engineering					
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Markets and Organization in Construction			Design Management in Construction		
Profile Courses (minimum 30 EC)			Profile Courses (minimum 30 EC)		
	EC	Quartile		EC	Quartile
Research Methodology & Academic Skills (mand.) 195820400 at least 3 of the following 4 courses:	7,5	2	Research Methodology & Academic Skills (mand.) 195820400 at least 3 of the following 4 courses:	7,5	2
Planning and Process Management 201500097	7,5	1	Planning and Process Management 201500097	7,5	1
Legal & Governance Aspects 195800100	7,5	1	Legal & Governance Aspects 195800100	7,5	1
Project Management 1958020200	7,5	2	Project Management 195800200	7,5	2
Collaborative Design & Engineering 195800400	7,5	3	Collaborative Design & Engineering 195800400	7,5	3
Profile Electives <i>- Free to choose any of the 35 CEM-courses (pay attention to the required prior knowledge)</i> <i>- Below: list of CEM-courses that fit best in this profile (in addition to profile courses)</i> <i>- Below: courses from other programmes that fit in this profile (If you include courses from other programmes, we recommend you to make a selection, such that the majority of the programme is still formed by CEM-courses)</i>			Profile Electives <i>- Free to choose any of the 35 CEM-courses (pay attention to the required prior knowledge)</i> <i>- Below: list of CEM-courses that fit best in this profile (in addition to profile courses)</i> <i>- Below: courses from other programmes that fit in this profile (If you include courses from other programmes, we recommend you to make a selection, such that the majority of the programme is still formed by CEM-courses)</i>		
Supply Chain Management & ICT 195810200	7,5	1	Sustainable Building 195810400	7,5	1
Markets, Organizations & Innovation 195810100	7,5	2	Building Information Modeling & 5D Planning 201400012	7,5	3
Procurement Strat&Tend (pr.knowl: Project Man.) 201000095	7,5	3	Project Control and Risk Management 195810600	7,5	3
Industrialization & Innovation in Construction 195810310	7,5	4	Industrialization & Innovation in Construction 195810310	7,5	4
Infrastructure Management 195820500	7,5	4	Infrastructure Management 195820500	7,5	4
Maintenance Engineering and Management (ME) 201200146	5	1	Governing Product development (IDE)	5	1
Supply Chain Finance (IEM)	5	3	Maintenance Engineering and Management (ME) 201200146	5	1
Cost Management and Engineering (IEM) 194110140	5	2	Product Life Cycle (IDE) 192850740	5	2
Reliability Engineering & Maintenance Mgmt (IEM) 191852630	5	3	Scenario based product design (IDE) 192850810	5	2
			Cost Management and Engineering (IEM) 194110140	5	2
			Product Life Cycle Management (IDE) 192850750	5	3
			Reliability Engineering & Maintenance Mgmt (IEM) 191852630	5	3
			Design for Maintenance Operations (IDE) 201500235	5	3
			Advanced 3D Modelling (IDE) 201500518	5	3
			Virtual Reality (IDE) 201000201	5	4
			LEAN Six-Sigma Green Belt (ME) 191127520	5	4

GENERAL COURSES

Free Electives (max 15 EC)			Free Electives (max 15 EC)		
	EC	Quartile		EC	Quartile
Any course from UT or approved other university*			Any course from UT or approved other university*		
Thesis **	EC	Quartile	Thesis **	EC	Quartile
Preparation Master Thesis	7,5	-	Preparation Master Thesis	7,5	-
Master Thesis Construction	30	-	Master Thesis Construction	30	-

PLANNING AND CONSULTATION FOR THE MASTER PROFILES

Track-coordinator: drs. ing. Hans Boes
Coordinator Master Theses: dr. ir. Robin de Graaf

* an "approved university" is any university in The Netherlands (not HBO-schools), or any international university that is partner of the UT or of the faculty of ET.

[Click here for a list of partner universities](#)

For courses from other universities: contact your track-coordinator.

The Free Electives should be at MSc-level and should have no overlap with other courses in your programme.

** [Click here for the procedure of how to start the course Preparation Master Thesis and your MSc-thesis project](#)