

Note: the selection of IDM electives must be approved in advance by the IDM-coordinator (dr. v. Nederveen).

Code	Name	Study Load (ECTS)	Quarter
CIE4120	Information Systems for the Construction Industry	4	Q1
CME2300	Financial Engineering	4	Q1
ME44205	Quantitative Methods for Logistics	5	Q1, Q2
IN4170	Databases and Datamining	6	Q1, Q2
EPA1323	Introduction to TPM Modeling	5	Q2
SPM8000	Project Management	7	Q3
CMExxxx	Other financial or management courses		
EPAxxxx	Other system modeling courses		
WI/INxx	Other risk or information courses		

ANNOTATION WITHIN 120 ECTS

For all MSc-students Transport, Infrastructure and Logistics

Do you want to

- Become a ζ-engineer who is able to integrate technology (β) and management (γ)?
- Graduate with specific TIL technical knowledge from your MSc-track, but also obtain engineering management skills so that you are well prepared for future roles in multidisciplinary design & engineering, asset and project management?
- Deserve an extra certificate together with TIL diploma still within the regular 120 ECTS?

THEN CHOOSE FOR THE IDM ANNOTATION BY USING YOUR ELECTIVE SPACE IN A DEDICATED WAY

TIL MSc	
Fundamentals	27 ECTS
Specialisation	26/27 ECTS
Electives	26/27 ECTS
Projects & Thesis	40 ECTS

TIL MSc + IDM annotation	
Fundamentals	27 ECTS
Specialisation	26 /27 ECTS
IDM courses	15 ECTS
Electives	11/12 ECTS
Projects & Thesis	40 ECTS



No impact on total ECTS

IDM annotation has been fully integrated within the 120 ECTS of the TIL Master by using the MSc track elective space in a dedicated way!

What to do?

In order to obtain the IDM annotation you must do three things within your elective space:

- I. Two mandatory IDM courses (together 8 ECTS) and a minimum of 7 ECTS elective courses out of a IDM list (see last page)
- II. The multidisciplinary project CIE4061 of 10 ECTS with an 'IDM flavour' (80/20 engineering vs. management)
- III. The MSc graduation thesis in your specialization domain, with an 'IDM flavour' (ratio of specialization domain vs. IDM to be determined by the graduation committee, which is a combination of members your domain and IDM staff)

Questions?

Please contact the IDM coordinator:

Dr. Sander van Nederveen (g.a.vannederveen@tudelft.nl) or

Prof. Rogier Wolfert (r.wolfert@tudelft.nl)

I - A number of mandatory IDM courses - 15 ECTS

- 8 ECTS mandatory IDM courses: CIE4381 (Engineering Asset Management) and CIE4481 (System Engineering Management).
- At least 7 ECTS elective courses from the IDM-list of electives, selection to be approved by the IDM coordinator, see next page.

II - A multidisciplinary project with an 'IDM flavour' - ≥ 7 ECTS

- The 10 ECTS multidisciplinary project (CIE4061). Alternatively, TIL-students can choose the 7 ECTS Design project (TIL5050-12).
- The project must partly be focused on IDM (20%). You define IDM-objectives at the start, together with an IDM lecturer. At the end of the project, these IDM objectives are also used in the project evaluation.

III – MSc Graduation thesis

MSc graduation project: you define an IDM objective at the start of the project, together with an IDM professor. At the end of the project, the IDM objective is used in the project evaluation. The graduation committee chair is either an IDM professor or a professor of the engineering track/specialisation. In the first case, there is at least one lecturer from the engineering track/specialisation in the committee. In the second case, there is at least one IDM lecturer in the committee.