

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
WI4051TU	Introduction to Operation Research	6	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 Offshore Engineering

Do you want to

- Become a ζ -engineer who is able to integrate technology (β) and management (γ)?
- Graduate with specific offshore 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 your ODE diploma still within the regular 120 ECTS?

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

MSc ODE	
Compulsory	30 ECTS
Specialisation	16 ECTS
Electives	29 ECTS
Thesis	45 ECTS

MSc ODE + IDM annotation	
Compulsory	30 ECTS
Specialisation	16 ECTS
IDM courses	14/18 ECTS
Project	10/6 ECTS
Electives	5 ECTS
Thesis	45 ECTS



No impact on total ECTS

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

IDM annotation

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 6 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)

Detailed elaboration

I - A number of mandatory IDM courses - 14 ECTS

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

II - A multidisciplinary project - 10 ECTS

- 10 ECTS multidisciplinary project CIE4061 with a specific IDM evaluation. You define IDM-objectives at the start, together with an IDM lecturer. At the end of the project, these IDM objective are also used in the project evaluation.
- Alternatively, ODE-students can choose the 6 ECTS course OE44015 Survey of Offshore Engineering Projects. It should be completed with the 4 ECTS course CME2210 Open Design & Construction Management.

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.