

  <p style="font-size: small;">Delft University of Technology</p>  <p style="font-size: small;">Norwegian University of Science and Technology</p>	<p><b>Master Track Study Plan</b></p> <p><b>Offshore Engineering</b>  <b>European Wind Energy Master (EWEM)</b></p>
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<b>1. To be completed by the student</b>	
Last name:	First name:
Initials:	Student number NTNU:
Address:	Student number TU Delft:
Postal code:	
City:	Telephone number:
E-mail address:	
Finished BSc program:	

Request to graduate under the supervision of (professor/lecturer):	
<b>2. To be completed by Track &amp; Profile coordinator</b>	
Approval Track coordinator NTNU	
Name: prof. Torgeir Moan	
Date:	
Signature:	
Approval Track Coordinator TU Delft	
Name: prof. dr. Andrei Metrikine or dr. Eliz-Mari Lourens	
Date:	
Signature:	
<b>3. To be completed by student administration TU Delft</b>	
Student meets requirements	Yes/No
Date:	
Signature:	

<b>Master Course List</b>	<b>European Wind Energy Master (EWEM) Offshore Engineering</b>
Name:	Student number NTNU:
	Student number TU Delft:

<b>Compulsory (66 ECTS)</b>			
	<i>Code</i>	<i>Course</i>	<i>Credits</i>
	41111 (DTU)	Hydrodynamics 2	5
	46300 (DTU)	Wind Turbine Technology and Aerodynamics	10
	46211 (DTU)	Offshore Wind Energy	10
	41224 (DTU)	Linear Wave Dynamics	5
	OE5662 (TU Delft)	Offshore Wind Farm Design	4
	OE4652 (TU Delft)	Floating Structures	4
	OE4651 (TU Delft)	Bottom Founded Structures	5
	CIE4140 (TU Delft)	Dynamics of Structures	4
	OE5665 (TU Delft)	Offshore Wind Support Structures	4
	OE 5685-15 (TU Delft)	Problem Analysis Thesis <sup>1</sup>	15

<sup>1</sup> Students start this course during the third semester at NTNU by parallelly signing up for the course and taking course "TMR 4590 Specialization project for EWEM students, 15 ECTS" at NTNU. The 15 ECTS are part of the thesis project which is 45 ECTS in total.

<b>Master Track Course List</b> continued	<b>European Wind Energy Master (EWEM) Offshore Engineering</b>
Name:	Student number NTNU:
	Student number TU Delft:

<b>Electives*</b>			
	<i>Code</i>	<i>Course</i>	<i>Credits</i>
	OE4629 (TU Delft)	Load Identification and Monitoring of Structures	4
	OE4630D3 (TU Delft)	Hydromechanics Part 3	3
	OE4653 (TU Delft)	Marine Pipelines	4
	OE4624 (TU Delft)	Offshore Soil Mechanics	3
	OE4680-12 (TU Delft)	Arctic Engineering	4
	OE4631 (TU Delft)	Fatigue & Fracture in Marine Structures	3
	TMR4190 (NTNU)	Finite Element Methods in Structural Analysis	7.5
	TMR4215 (NTNU)	Sea Loads	7.5
	TMR4305 (NTNU)	Advanced Analysis of Marine Structures	7.5
	TMR4505 (NTNU)	Marine Structures, Specialization Course	7.5
	TMR4525 (NTNU)	Marine Hydrodynamics, Specialization Course	7.5
	TMR4235 (NTNU)	Stochastic Theory of Sea Loads	7.5
	TMR4200 (NTNU)	Fatigue and Fracture of Marine Structures	7.5
	TBA4116 (NTNU)	Geotechnical Engineering, Advanced Course	7.5
	TMM4195 (NTNU)	Fatigue design	7.5
Total number of EC for Electives			

Profile and Electives should be in total at least 90 EC

	<b>OE5690-30 (TU Delft)</b>	<b>Thesis**</b>	<b>30</b>
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\* Please tick the appropriate box and/or indicate your other electives.

\*\* You have to sign up for thesis work at both NTNU and TU Delft. At NTNU you sign up for through code TMR4590 (30ECTS).

<b>Master Track Course List</b> continued	<b>European Wind Energy Master (EWEM) Offshore Engineering</b>
Name:	Student number NTNU:
	Student number TU Delft:

**4. Alterations to standard M.Sc. programme / other electives**

*Please indicate any deviation from the standard M.Sc. programme here by filling in the courses to be added or deleted. Please note that every course added or deleted must be authorised (= signed off) by the Track Coordinator.*

***Courses to be added***

<b>Code, university</b>	<b>Course Name</b>	<b>ECTS</b>	<b>Authorisation</b>

***Courses to be deleted***

<b>Code, university</b>	<b>Course Name</b>	<b>ECTS</b>	<b>Authorisation</b>

Remarks:

The student hereby agrees with the schedule of courses as listed above and agrees that the schedule can be completed within a reasonable period of study:

Name:

Date:

Signature:

The coordinators hereby agree with the schedule of courses as listed above and agrees that the schedule can be completed within a reasonable period of study:

Name: prof. Torgeir Moan (NTNU)

Date:

Signature:

Name: prof. dr. Andrei Metrikine or dr. ir. Eliz-Mari Lourens (TU Delft)

Date:

Signature: