

**Block view of the study programme**

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**Block 1**

**Compulsory courses**

ACER0056-1	<i>Module 1 : Waterways Infrastructures (english language) -</i> Thais MAIA ARAUJO, Philippe RIGO	160	-	-	<b>8</b>
ACER0057-1	<i>Module 2 : Shipyard layout and organization (english language) -</i> JeanDavid CAPRACE, Marcel CARVALHO	160	-	-	<b>8</b>
ACER0058-1	<i>Module 3 : Concept Design of navigational equipment and navigation aids (english language) -</i> Henrique GOMES DE MOURA, André HAGE	160	-	-	<b>8</b>
ACER0059-1	<i>Module 4 : Transport system analysis, traffic management and modelling (english language) -</i> Augusto BRASIL, Mario COOLS	TA 160	-	-	<b>8</b>
ACER0060-1	<i>Module 5 : Logistics, Quality and supply chain management tools for waterborne transport and shipyards operation (english language) -</i> Sabine LIMBOURG, Yaeko YAMASHITA	TA 160	-	-	<b>8</b>
ACER0061-1	<i>Module 6 : Evaluation and decision making tools and strategies for waterborne transport and shipyards operation (english language) -</i> Manuel BARCELOS JR., Mario COOLS	TA 160	-	-	<b>8</b>
ACER0062-1	<i>Personal work and/or internship (english language) -</i> COLLÉGIALITÉ	-	-	-	<b>12</b>