

**A single year**

**Compulsory courses**

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