

## A single year

### Information

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### Compulsory Courses

Notice : All the lectures are given in English

CNAV0013-2	<i>Ship theory (static, dynamic and propulsion)</i> (english language) - Jean MARCHAL	50	30	-	<b>6</b>
CNAV0014-2	<i>Ship Structures and ship production</i> (english language) - Jean-David CAPRACE, Philippe RIGO - [7d FW]	40	60	[+]	<b>8</b>
CNAV0012-2	<i>Ship Design Project, Rules and Regulations</i> (english language) - André HAGE - [2d FW]	30	40	[+]	<b>6</b>
CNAV0018-2	<i>Fabrication technology, welding and Composite materials</i> (english language) - Luc COURARD, Philippe RIGO	25	15	-	<b>3</b>
CNAV0016-2	<i>Electricity, Ship Equipments &amp; Diesel Motors</i> (english language) - André HAGE, Philippe NGENDAKUMANA - [1d FW]	20	20	[+]	<b>3</b>
CNAV0015-2	<i>Design of small crafts and high speed vessels</i> (english language) - André HAGE	40	-	-	<b>3</b>
CNAV0017-2	<i>Advanced seminars in ship hydrodynamics</i> (english language) - Jean MARCHAL	40	-	-	<b>3</b>
Notice : Some of these courses include seminars given by external members, including Messrs E. LALLEMAND and F. NZENGU (Classification Societies), JM LAURENS (Hydrodynamics and CFD) B. BOHLMANN (Project Management), H. LE SOURNE (Vibration), J.NOTEBOOM (Marin Engines), C. TODERAN (Offshore Structures)					
ASTG0001-2	<i>Industrial internships</i> (english language) - COLLÉGIALITÉ - [4w Internship]	-	-	[+]	<b>8</b>
ATFE0001-2	<i>Master thesis</i> - COLLÉGIALITÉ	200	-	-	<b>20</b>

### Optional courses

[...] As this programme leads to a co-diploma, the student is obliged to follow at least 15 credits of his training in one of the partner institutions from the following list :

- \* Higher Nautical School of Antwerp (Hogere Zeevaartschool Antwerpen - HZS)
- \* Higher National School of Architecture of Nantes (ENSAN - DPEA Architecture navale)
- \* Central School of Nantes
- \* University of Galati (Roumania)
- \* Maritime University of Vietnam

The list of courses offered by these institutions can be obtained on request from the Professor Dr. Rigo or nearby the administration department of the Faculty of Applied Sciences. The course's choice must be approved by the Training Management Committee. Moreover, the student cannot choose a course already followed in a previous cursus. After his training, the student will receive the diploma of the "Académie Wallonie-Europe" and the diploma/certificate of the partner institutions where he has followed minimum 15 credits of training.