

Block view of the study programme

Or Th Pr Au Cr

Block 1

Programme integrated into the Masters in Civil Engineering Mechanic, specialised focus on *Advanced Ship Design* (EMSHIP - joint master with ECN, URO and ZUT).

Compulsory Courses

Note : All the lectures are given in english

CNAV0013-2	<i>Ship theory and offshore (static, dynamic and propulsion)</i> (english language)	Q1	50	30	-	6
CNAV0014-2	<i>Ship and offshore structures and production (including 7 days technical visit (including 7 days technical visit)</i> (english language) - [7d FW]	Q1	40	60	[+]	8
CNAV0012-2	<i>Ship Project and Ship Design (including 2 days technical visit)</i> (english language) - [2d FW]	Q1	30	40	[+]	6
CNAV0018-2	<i>Fabrication technology, welding and Composite materials</i> (english language)	Q1	25	15	-	3
CNAV0016-2	<i>Electricity, Ship Equipments & Diesel Motors</i> (english language) - Philippe NGENDAKUMANA - [1d FW]	Q1	20	20	[+]	3
CNAV0015-2	<i>Design of small crafts and high speed vessels</i> (english language)	Q1	40	-	-	3
CNAV0017-2	<i>Advanced seminars</i> (english language)	Q1	40	-	-	3
Notice : Some of these courses include seminars given by external members, including Messrs E. LALLEMAND and F. NZENGU (Classification Societies), B. BOHLMANN (Project Management), H. LE SOURNE (Vibration), J. NOTEBOOM (Marin Engines). C. TODERAN (Offshore Structures), K. FACH (Shipyard), W. MAES (Electricity)						
ASTG0001-2	<i>Industrial internships</i> (english language) - N... - [4w Internship]	Q2	-	-	[+]	8
ATFE0001-2	<i>Master thesis</i> (english language) - COLLÉGIALITÉ	TA	200	-	-	20

Optionnal 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 (Ecole Centrale de Nantes - ECN)
- * 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 appoved 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.