

Block view of the study programme

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Block 1

Compulsory courses

Module 1 : Vehicle dynamics and safety

MECA0525-1	<i>Performance and dynamics of vehicles</i> (english language) - Pierre DUYSINX - [4h Labo., 8h Proj., 1d FW]	Q2	30	15	[+]	5
MECA0063-1	<i>Vehicle architecture and components</i> (english language) - Emmanuel TROMME - [30h Proj.]	Q2	30	30	[+]	5
MECA0536-1	<i>Hydrogen technologies in mobility</i> (english language) - [10h Labo., 10h Proj., 2d FW]	Q1	40	-	[+]	5

Total : 15 credits / 8 weeks

Exam : After end of semester 1

Module 2 : Engine and electric propulsion systems

MECA0041-1	<i>Internal combustion engine</i> (english language) - Part 1 <i>Fundamental aspects</i> - Marc NÉLIS - [1d FW, 15h Proj.] - Part 2 <i>Application to propulsion</i> - Marc NÉLIS - [10h Proj., 0,5d FW]	Q2				5
			15	15	[+]	
			10	10	[+]	
MECA0527-1	<i>Electric, hybrid and fuel cell vehicles</i> (english language) - Pierre DUYSINX - [5h Labo., 15h Proj.]	Q1	30	10	[+]	5
MECA0501-1	<i>Thermal Energy Management in vehicles</i> (english language) - Vincent LEMORT - [1d FW]	Q1	26	26	[+]	5

Total : 15 credits / 8 weeks

Exam : End of the semester 1

Module 3 : Project and Internship

ASTG0112-1	<i>Internship</i> (english language) - COLLÉGIALITÉ	TA	-	-	-	10
ATFE3045-1	<i>Automotive Project</i> (english language) - COLLÉGIALITÉ	TA	30	-	-	15

[...] In agreement with the jury, students may choose a maximum of 5 credits from a list of courses of another master in the faculty of applied sciences.