

Block view of the study programme

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Block 1

Informations complémentaires

Compulsory courses

Module 1 : Vehicle dynamics and safety

MECA0497-2	<i>Vehicle performance</i> (english language) - Mustapha BELHABIB, Pierre DUYSINX - [1d FW]	Q1	25	15	[+]	3
MECA0492-2	<i>Vehicle dynamics</i> (english language) - Pierre DUYSINX	Q1	15	10	-	2
MECA0063-1	<i>Vehicle architecture and components</i> (english language) - Pierre DUYSINX, Pierre DUYSINX - [30h Proj.]	Q1	30	-	[+]	5
MECA0496-2	<i>Materials for automotive applications</i> (english language) - Stoyan GAYDARDZHIEV, Anne MERTENS	Q1	15	10	-	5

Total : 15 credits / 8 weeks / 225 hours of lectures and lab works

Exam : After end of semester 1

Module 2 : Engine and electric propulsion systems

MECA0498-2	<i>Internal combustion engines</i> (english language) - Philippe NGENDAKUMANA	Q1	25	15	-	3
MECA0499-2	<i>Electric traction motors</i> (english language) - Johan GYSELINCK	Q1	15	10	-	2
MECA0500-2	<i>Hybrid electric and fuel cell vehicles, Part A</i> (english language) - Pierre DUYSINX, Nathalie JOB	Q1	25	15	-	2
MECA0501-1	<i>Thermal and Electrical Management of vehicles</i> (english language) - Vincent LEMORT	Q1	15	10	-	3

Total : 10 credits / 8 weeks / 150 hours of lectures and lab works

Exam : End of the semester 1

Module 3 : Project and Internship

PROJ0013-1	<i>Innovation project in automotive engineering</i> (english language) - Olivier BRULS, Georges DE PELSEMAEKER, Grigorios DIMITRIADIS, Pierre DUYSINX, Vincent LEMORT - [80h Proj., 1d FW]	Q1	20	-	[+]	8
MECA0509-1	<i>Sustainable engineering processes</i> (english language) - Georges DE PELSEMAEKER	Q1	15	30	-	2
ASTG0112-1	<i>Internship</i> (english language) - COLLÉGIALITÉ	TA	-	-	-	10
ATFE3045-1	<i>Automotive Project</i> (english language) - COLLÉGIALITÉ	TA	30	-	-	15