Cycle view of the study programme

		Bl	Or	Th	Pr	Au	Cr

Informations complémentaires

Compulsory courses (B1 : 60Cr)

Module 1 : Vehicle dynamics and safety

MECA0497-2	*Vehicle performance* (english language) - Mustapha BELHABIB, Pierre DUYSINX - [1d FW]	B1	Q1	25	15	[+]	**3**
MECA0492-2	*Vehicle dynamics* (english language) - Pierre DUYSINX	B1	Q1	15	10	-	**2**
MECA0063-1	*Vehicle architecture and components* (english language) - Pierre DUYSINX, Pierre DUYSINX - [30h Proj.]	B1	Q1	30	-	[+]	**5**
MECA0496-2	*Materials for automotive applications* (english language) - Stoyan GAYDARDZHIEV, Anne MERTENS	B1	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	*Internal combustion engines* (english language) - Philippe NGENDAKUMANA	B1	Q1	25	15	-	**3**
MECA0499-2	*Electric traction motors* (english language) - Johan GYSELINCK	B1	Q1	15	10	-	**2**
MECA0500-2	*Hybrid electric and fuel cell vehicles, Part A* (english language) - Pierre DUYSINX, Nathalie JOB	B1	Q1	25	15	-	**2**
MECA0501-1	*Thermal and Electrical Management of vehicles* (english language) - Vincent LEMORT	B1	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	*Innovation project in automotive engineering* (english language) - Olivier BRULS, Georges DE PELSEMAEKER, Grigorios DIMITRIADIS, Pierre DUYSINX, Vincent LEMORT - [80h Proj., 1d FW]	B1	Q1	20	-	[+]	**8**
MECA0509-1	*Sustainable engineering processes* (english language) - Georges DE PELSEMAEKER	B1	Q1	15	30	-	**2**
ASTG0112-1	*Internship* (english language) - COLLÉGIALITÉ	B1	TA	-	-	-	**10**
ATFE3045-1	*Automotive Project* (english language) - COLLÉGIALITÉ	B1	TA	30	-	-	**15**