Block view of the study programme

		Or	Th	Pr	Au	Cr
Block 1						
Compulsory courses						
Module 1 : Vehicle dynamics and safety						
MECA0525-1	*Performance and dynamics of vehicles* (english language) - Mustapha BELHABIB, Pierre DUYSINX - [4h Labo., 8h Proj., 1d FW]	Q2	30	15	[+]	**5**
MECA0063-1	*Vehicle architecture and components* (english language) - Pierre DUYSINX, Marc NÉLIS, Marc NÉLIS - [30h Proj.]	Q1	30	30	[+]	**5**
ACER0083-2	*Materials and processes for automotive applications* (english language) - Stoyan GAYDARDZHIEV, Anne MERTENS	Q1	15	45	-	**5**
Total : 15 credits / 8 weeks Exam : After end of semester 1						
Module 2 : Engine and electric propulsion systems						
MECA0499-2	*Electric traction motors* (english language) - Pierre DUYSINX, Johan GYSELINCK	Q1	15	10	-	**2**
MECA0041-2	*Internal combustion engine, Part 1 Fundamental aspects* (english language) - Marc NÉLIS - [1d FW, 15h Proj.]	Q2	15	15	[+]	**3**
MECA0041-3	*Internal combustion engine, Part 2 Application to propulsion* (english language) - Marc NÉLIS - [10h Proj., 0,5d FW]	Q2	10	10	[+]	**2**
MECA0527-1	*Electric, hybrid and fuel cell vehicles* (english language) - Pierre DUYSINX, Johan GYSELINCK, Johan GYSELINCK - [5h Labo., 15h Proj.]	Q1	30	10	[+]	**5**
MECA0501-1	*Thermal Energy Management in vehicles* (english language) - Vincent LEMORT	Q1	15	10	-	**3**
Total : 15 credits / 8 weeks Exam : End of the semester 1						
Module 3 : Project and Internship						
PROJ0020-1	*Innovation for sustainable engineering* (english language) - Georges DE PELSEMAEKER, Pierre DUYSINX - [100h Proj.]	Q1	10	-	[+]	**5**
ASTG0112-1	*Internship* (english language) - COLLÉGIALITÉ	TA	-	-	-	**10**
ATFE3045-1	*Automotive Project* (english language) - COLLÉGIALITÉ	TA	30	-	-	**15**