

Double Master MUEI (Mechanics) - MUEA (engines and mechanics)

Q1

240AU052	Automobile Dynamics	Mandatory	6
240AU053	Electric and Electronic Systems in the Automobile	Mandatory	6
240AU055	Models and Tools of Decision Science	Mandatory	6
240EI016	Theory of Structures	Mandatory	4,5
240EI011	Process Control	Mandatory	4,5
240IME11	Machine Elements Calculation	Mandatory	4,5

31,5

Q3

240AU051	Vehicle Body Parts	Mandatory	6
240AU054	Connected Vehicle	Mandatory	6
240AU110	Transmission Systems and Performance	Mandatory	6
240AU111	Steering, Suspension and Braking Systems	Mandatory	6
240EI021	Thermal Machines	Mandatory	4,5
240IME32	Machine Testing	Mandatory	4,5

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Q5

240AU071	Production Management	Mandatory	6
240AU072	Supply Chain Management in Automotive	Mandatory	4,5
240AU112	Aerodynamics	Mandatory	4,5
240AU113	Computer-Aided Engineering	Mandatory	4,5
240AU114	Internal Combustion Engines and Fuels II	Mandatory	4,5
240EI034	Chemical Technology	Mandatory	4,5
240IME31	Mechanical Design	Mandatory	4,5

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TOTAL DOUBLE MASTER CREDITS

MUEI
MUEA
Elective MUEI
Elective MUEA
TFM

Q2

240AU062	Legislation and Homologation	Mandatory	4,5
240AU063	Automotive Safety Systems	Mandatory	4,5
240AU101	Car Materials*	Elective	4,5
240AU102	Structural Analysis*	Elective	4,5
240AU103	Internal Combustion Engines and Fuels I*	Elective	4,5
240AU104	Quality Management*	Elective	4,5
240EI012	Machine Technology	Mandatory	4,5
240EI023	Transports	Mandatory	4,5
240IME21	Mechanical Vibrations	Mandatory	4,5

31,5

Q4

240AU061	Hybrid and Electric Vehicles	Mandatory	6
240AU064	Innovation and Development in Automotive	Mandatory	3
240AU065	Product Planning	Mandatory	3
240EI022	Hydraulic Machines	Mandatory	4,5
240EI024	Integrated Manufacturing Systems	Mandatory	3
240EI026	Constructions and Industrial Architecture	Mandatory	4,5
240EI525	Business and Organization Management	Mandatory	4,5
240EI031	Energy Technology	Mandatory	3

31,5

Q6

240EI035	Installations	Mandatory	3
240EI532	Human Resources	Mandatory	3
240AU041	TFM MUEA		12
240EI041	TFM MUEI		12

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* 2 of the 4 subjects will be studied according to degree of origin