

Local Units					Foreign Unit			
	Code	Name	ECTS	Description	Code	Name	ECTS	Description
Compulsory	MFE3105	Engineering Design (first semester components)	4	https://www.um.edu.mt/courses/studyunit/MFE3105	MEEN30030	Mechanical Engineering Design II	5	https://hub.ucd.ie/isis/W_HU_MENU.P_PUBLISH?p_tag=MODULE&MODULE=MEEN30030&TERMCODE=202300
	ENR3010	Sustainable Engineering	4	https://www.um.edu.mt/courses/studyunit/ENR3010	MEEN40900	Energy, Climate and Sustainability (online)	5	https://hub.ucd.ie/isis/W_HU_MENU.P_PUBLISH?p_tag=MODULE&MODULE=MEEN40900
	MFE3103	Introduction to Mechatronic Systems	5	https://www.um.edu.mt/courses/studyunit/MFE3103				
	MME3101	Material Degradation	4	https://www.um.edu.mt/courses/studyunit/MME3101				
	MME3205	Joining Processes	5	https://www.um.edu.mt/courses/studyunit/MME3205	MEEN30090	Materials Science and Engineering II	5	https://hub.ucd.ie/isis/W_HU_MENU.P_PUBLISH?p_tag=MODULE&MODULE=MEEN30090&ARCHIVE=Y&TERMCODE=202400
	SCE3114	Introduction to Control Engineering	5	https://www.um.edu.mt/courses/studyunit/SCE3114	EEEN40010	Control Theory	5	https://hub.ucd.ie/isis/W_HU_MENU.P_PUBLISH?p_tag=MODULE&MODULE=EEEN40010&TERMCODE=202300
	SCI3101	Linear Programming and Fourier Transforms	2	https://www.um.edu.mt/courses/studyunit/SCI3101	ACM30030	Multivariable Calculus Eng II	5	https://hub.ucd.ie/isis/W_HU_MENU.P_PUBLISH?p_tag=MODULE&MODULE=ACM30030&TERMCODE=202300
Options					MEEN41350	Introduction to Robotics	5	https://hub.ucd.ie/isis/W_HU_MENU.P_PUBLISH?p_tag=MODULE&MODULE=MEEN41350
Total ECTS at UM			29	Total ECTS at Host			30	

Notes:

1. MFE3103 must be taken in 4th year instead of a 4th year optional