UTS: Engineering
Course Template

Course: C09066 BE (Honours)
Major: Mechatronic Engineering

Version 6

Stage 1	Stage 2	Stage 3	Stage 4	Stage 5	Stage 6	Stage 7	Stage 8
33130 Mathematics 1 6	41053 Matetrials Manu Engineering A 6	33230 Mathematics 2 6	41200 Eng. Project Appraisal 6	41201 Design Sust Eng Proj 6	41202 Professional Eng Comm 6	41029 Eng Research Preparation 6	41203 Collaboration in Complex Proj 6
	48610 IME	33130 M1	48230 Int Eng Proj	41200 Eng Proj App OR	41201 DSEP	48260 EPM	41202 Prof Eng Com OR
				48230 Int Eng Proj		41048 PPR 2	
				21214 BSI OR			
			42 CP	22208 ABS	78 CP	144 CP	96 CP
				60 CP			
CORE	Core	CORE	Core	CORE	CORE	MAJ	CORE
48230 Intro to Eng Proj 6	41054 App Mechanics Design A 6	48622 Embedded Mechatron Syst 6	41013 Industrial Robotics 6	41012 Programm. for Mech Systems 6	41068 Robotics Studio 1 6	41069 Robotics Studio 2 6	41030 Eng Capstone 6
	48610 IME	48510 IEEE OR	48622 EM Syst	48623 Mech. 2	41012 PMS	41012 PMS	41029 ERP
	33130 M1	41099 Int Mech Eng	33230 M2	48622 EM Syst	41014 SCMS [C]	41013 IR [C]	
			41039 Prog 1 OR	41039 Prog 1 OR			
			48430 FCP OR	48430 FCP OR			
			48221 Eng. Comp.	48221 Eng. Comp.			
CORE	MAJ	MAJ	MAJ	MAJ	MAJ	MAJ	MAJ
68037 Phys Mod 6	41099 Intro to Mechatr Engineering 6	41056 Machines & Mechanisms A 6	41014 Sensors & Cont for Mech Sys 6	41070 Embedded Mechatr. Studio 6	Elective 6	41302 Additive Manufacturing 1 6	43019 Design in Mech and Mech Syst 6
		33230 M2 [C]	48622 EM Syst	48622 EM Syst		68037 Phys. Mod.	41066 MSDS 1 OR
		48610 IME				41053 MME A OR	41067 MSDS 2 OR
		68037 Phys. Mod.				48621 Manu. Eng.	41068 Robot Stu 1 OR
		48221 Eng. Comp. OR					41069 Robot Stu 2 OR
		41039 Prog 1					48650 MD2
CORE	MAJ	MAJ	MAJ	MAJ		MAJ	MAJ 48623 Mech. 2
48610 Intro to Mechanical Eng 6	41039 Programming 1 6	41059 Mech Design Fund Studio 1 6	Elective 6	41058 Dynamic Syst & Control A 6	Elective 6	41118 AI in Robotics 6	Elective 6
		48610 IME		41056 MMA OR		41013 IR	
		41099 Int Mech Eng [C] OR		48640 Mach. Dyn.		41012 PMS	
		48510 IEEE					
		41053 MME A [C] OR					
		48621 Manu. Eng.					
MAJ	MAJ	MAJ		MAJ		MAJ	
		41035 Prof Prac Pre 1 3			41028 Eng Work Exp	41055 Prof Exp Review 3	
		48230 Int Eng Proj			41035 PPP1	41028 EWE	
						41035 PPP1	
		PP			PP	PP	

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48622 Embedded Mechatron Syst 6 48510 IEEE OR 41099 Int Mech Eng MAJ	41014 Sensors & Cont for Mech Sys 6 48622 EM Syst MAJ	41068 Robotics Studio 1 6 41012 PMS 41014 SCMS [C] MAJ	
41012 Programm. for Mech Systems 6 48623 Mech. 2 48622 EM Syst 41039 Prog 1 OR 48430 FCP OR 48221 Eng. Comp. MAJ	41118 AI in Robotics 6 41013 IR 41012 PMS MAJ	41069 Robotics Studio 2 6 41012 PMS 41013 IR [C] MAJ	
41013 Industrial Robotics 6 48622 EM Syst 33230 M2 41039 Prog 1 OR 48430 FCP OR 48221 Eng. Comp. MAJ	41070 Embedded Mechatr. Studio 6 48622 EM Syst MAJ	41039 Programming 1 6 MAJ	

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48610 Intro to Mechanical Eng 6 MAJ	41099 Intro to Mechatr Engineering 6 MAJ	41059 Mech Design Fund Studio 1 6 48610 IME 41099 Int Mech Eng [C] OR 48510 IEEE 41053 MME A [C] OR 48621 Manu. Eng. MAJ
41054 App Mechanics Design A 6 48610 IME 33130 M1 MAJ	41056 Machines & Mechanisms A 6 33230 M2 [C] 48610 IME 68037 Phys. Mod. 48221 Eng. Comp. OR 41039 Prog 1 MAJ	43019 Design in Mech and Mech Syst 6 41066 MSDS 1 OR 41067 MSDS 2 OR 41068 Robot Stu 1 OR 41069 Robot Stu 2 OR 48650 MD2 MAJ 48623 Mech. 2
41053 Matetrials Manu Engineering A 6 48610 IME MAJ	41058 Dynamic Syst & Control A 6 41056 MMA OR 48640 Mach. Dyn. MAJ	37 MME Core - option 6 MAJ

Mech&Mech Core - option
Choose one from option

41301 Industrial Engineering 6 MAJ
41302 Additive Manufacturing 1 6 68037 Phys. Mod. 41053 MME A OR 48621 Manu. Eng. MAJ