BEng (Aerospace Engineering) and BSocSci (Economics) (wef AY2025/2026 Intake onwards)

Discipline Requirement HE1001	List of sources that are	mtributa tarranda F	_ \	J25/2U26 Intake onwards)		Allloca
Requirement			·	T	2	AU Load
HE2001 Microeconomics II 3		Core				32AU
HE2002 Macroeconomics 3						
HE2003 Econometrics					_	
HE3001 Microeconomics III 3						
HE3002 Macroeconomics III 3 1 1 1 1 1 1 1 1 1						
HE3003						
MA4079						
MPE MH1820 Introduction to Probability and Statistical Methods 3						
HE3XXX				·		22411
HE3XXX		MPE		,		33AU
HE3XXX						
HE3XXX Econs PE4 3 3 HE3XXX Econs PE5 3 3 HE3XXX Econs PE6 3 3 HE4XXX Econs PE7 4 4 HE4XXX Econs PE7 4 4 HE4XXX Econs PE8 4 4 HE4XXX Econs PE9 Engineering						
HE3XXX						
HE3XXX Econs PE6						
HE4XXX						
HE4XXX						
HE4XXX			HE4XXX	Econs PE7	4	
BDE			HE4XXX	Econs PE8		
PH1011			HE4XXX	Econs PE9	4	
EG1001 Engineers in Society 3 3 Core courses to MH1811 Mathematics 3 MA1001 Dynamics 3 MA1008 Introduction to Computational Thinking 3 MA1700 Aerospace Discovery Course 1 MA1700 Mechanics of Materials 3 MA1700 Mechanics of Materials 3 MA2001 Mechanics of Materials 3 MA2003 Introduction to Thermo-fluids 3 graded courses MA2006 Engineering Graphics 3 MA2006 Engineering Mathematics 3 MA2006 Engineering Mathematics 3 MA2006 MA2006 Engineering Mathematics 3 MA2006 MA2007 Flight Performance 2 MA3700 Aircraft Structures 3 MA2007 MA3701 Aerodynamics 3 MA2007 Aerospace Materials & Manufacturing Process 3 MA2007 Aerospace Materials & Manufacturing Process 3 MA2007 MA3000 Fluid Mechanics 3 MA3006 Fluid Mechanics 3 MA3006 Fluid Mechanics 3 MA3006 Fluid Mechanics 3 MA3007 Aerospace Control Theory 3 MA3003 Heat Transfer 3 MA3003 Aerospace Control Theory 3 Aerospace Control Theory 3 Aerospace Control Theory 3 Aerospace Control Theory 3 Aerospace Con		BDE	MH1810	Mathematics 1	3	9AU from Year 1
MH1811 Mathematics II			PH1011	Physics*	3	Engineering graded
MA1001 Dynamics 3 CGPA			EG1001	Engineers in Society	3	Core courses that
MA1008			MH1811	-	3	yield the highest
MA1008			MA1001	Dynamics	3	CGPA.
MA1700				,		
MA2001 Mechanics of Materials 3 18AU from Ye and 3 Engineer ing Graphics 3 3 3 3 3 3 3 3 3			MA1700	Aerospace Discovery Course	1	
MA2003 Introduction to Thermo-fluids 3 and 3 Enginee graded courses MA2006 Engineering Graphics 3 3 3		BDE	MA2001	, ,	3	18AU from Year 2
MA2005 Engineering Graphics 3 MA2006 Engineering Mathematics 3 MA2072 Laboratory Experiments (AE) 1 1 MA2701 Flight Performance 2 2 MA3700 Aircraft Structures 3 MA3701 Aerodynamics 3 MA2070 Thermodynamics 3 MA2070 Aerospace Materials & Manufacturing Process 3 MA2070 Aerospace Materials & Manufacturing Process 3 MA2079 Engineering Innovation and Design 2 MA3003 Heat Transfer 3 MA3002 Aircraft Propulsion 3 MA3003 Heat Transfer 3 MA3002 Aircraft Propulsion 3 Aircraft Propulsion 3 Aircraft Propulsion 3 MA3704 Aircraft Electrical Devices 3 MA3704 Aircraft Electri						and 3 Engineering
MA2006 Engineering Mathematics 3 Vield the high MA2072 Laboratory Experiments (AE) 1 CGPA + MA2701 Flight Performance 2 MA3700 Aircraft Structures 3 MA2007 Thermodynamics 3 MA2007 Thermodynamics 3 MA2007 Thermodynamics 3 MA2007 Thermodynamics 3 MA2009 Engineering Innovation and Design 2 MA3006 Fluid Mechanics 3 MA3006 Fluid Mechanics 3 MA3006 MA3705 Aerospace Control Theory 3 MA3001 Heat Transfer 3 MA3002 Aircraft Propulsion 3 MA3702 Aircraft Propulsion 3 MA3702 Aircraft Propulsion 3 MA3704 Aircraft Electrical Devices 4 MA3704 Aircraft Electrical Devices 4 MA3704 Aircraft Electrical Devices						graded courses that
MA2072 Laboratory Experiments (AE) 1						yield the highest
MA2701 Flight Performance 2						
MA3700						
MA3701 Aerodynamics 3 MA2007 Thermodynamics 3 MA2700 Aerospace Materials & Manufacturing Process 3 MA2709 Engineering Innovation and Design 2 MA3006 Fluid Mechanics 3 MA3705 Aerospace Control Theory 3 MA3003 Heat Transfer 3 MA3702 Aircraft Propulsion 3 MA3702 Aircraft Propulsion 3 MA3703 Flight Dynamics 2 MA3704 Aircraft Propulsion 3 Ma3704 Aircraft Propulsion 3 Ma3704 Aircraft Propulsion 3 Ma3704 Aircraft Propulsion 3 Ma3704 Aircraft Propulsion 2 Ma3704 Aircraft Electrical Devices 3 Ma4016 Devices 3 Ma4016 Devices 3 Ma4016 Devices 3 Ma4016 Devices Ma4016 Devices 3 Ma4016 Devices Ma4016 Devices Devic						(PA only)
MA2007 Thermodynamics 3 MA2700 Aerospace Materials & Manufacturing Process 3 MA2700 Engineering Innovation and Design 2 MA3006 Fluid Mechanics 3 MA3705 Aerospace Control Theory 3 MA3003 Heat Transfer 3 MA3003 Heat Transfer 3 MA3702 Engineering Experiments (AE) 1 MA3702 Aircraft Propulsion 3 MA3703 Flight Dynamics 2 MA3704 Aircraft Electrical Devices 3 MA0216 Engineering Communication in an Interdisciplinary 2 Morld CC0003 Ethics & Civics in a Multi-Cultural World 2 CC0005 Health & Wellbeing 2 CC0005 Sustainability: Society, Economy & Environment 3 CC0007 Science & Technology for Humanity 3 ML0004 Career Design & Workplace Readiness in the V.U.C.A World V.U.C.A World 2 MA0218 Introduction to Data Science and Artificial 3 Intelligence MA3920 Professional Intelligence 3 MA3920 MA3920 Professional Internship/ Professional Attachment 5 MA3920 MA3930 MIXXXX Profession Preparation 1 (PA only) PA only)						
MA2700						
MA2079 Engineering Innovation and Design 2				,		
MA3006 Fluid Mechanics 3 3 3 3 3 3 3 3 3				-		
MA3705 Aerospace Control Theory 3 MA3003 Heat Transfer 3 3 MA3072 Engineering Experiments (AE) 1 1 MA3702 Aircraft Propulsion 3 MA3702 Aircraft Propulsion 3 MA3704 Aircraft Electrical Devices 3 MA0704 CC0001 Ethics & Civics in a Multi-Cultural World 2 CC0001 Ethics & Civics in a Multi-Cultural World 2 CC0001 Health & Wellbeing 2 CC0006 Sustainability: Society, Economy & Environment 3 CC0007 Science & Technology for Humanity 3 ML0004 Career Design & Workplace Readiness in the V.U.C.A World 2 V.U.C.A World 2 MA0704 MA0704 Introduction to Data Science and Artificial 3 MA3910 MA3910 Professional Internship/ Professional Attachment 10/ MA3910 MLXXXX Profession Preparation 1 MLXXXX Profession Preparation 1 MLXXXX Profession Preparation 3 3 3 3 3 3 3 3 3				0 0		
MA3003 Heat Transfer 3						
MA3072 Engineering Experiments (AE) 1				·		
MA3702 Aircraft Propulsion 3 MA3703 Flight Dynamics 2 MA3704 Aircraft Electrical Devices 3 MA0706 Morriage 2 Mad216 MA0218 M						
MA3703 Flight Dynamics 2 MA3704 Aircraft Electrical Devices 3						
Interdisciplinary Collaborative Core CC0001				'		
CC0001						
CC0001			MA3704		3	
CC0015 Health & Wellbeing 2 CC0006 Sustainability: Society, Economy & Environment 3 CC0007 Science & Technology for Humanity 3 ML0004 Career Design & Workplace Readiness in the V.U.C.A World 2 Professional Series HW0288 Engineering Communication 2 16AU or Intelligence MA3920/ MA3910 Professional Internship/ Professional Attachment 5 11AU (PA only) Care, Serve, Service Learning 3 3		Common Core	CC0001		2	14 AU
CC0015 Health & Wellbeing 2 CC0006 Sustainability: Society, Economy & Environment 3 CC0007 Science & Technology for Humanity 3 ML0004 Career Design & Workplace Readiness in the V.U.C.A World 2 Professional Series Hw0288 Engineering Communication 2 16AU or Intelligence MA3920/ MA3910 Professional Internship/ Professional Attachment 5 11AU (PA only) Care, Serve, Service Learning 3 3			CC0003	Ethics & Civics in a Multi-Cultural World	2	
CC0006 Sustainability: Society, Economy & Environment 3 CC0007 Science & Technology for Humanity 3 ML0004 Career Design & Workplace Readiness in the V.U.C.A World Professional Series Hw0288 Engineering Communication 2 16AU or Intelligence 3 10/MA3910 Professional Internship/ Professional Attachment 5 11AU (PA only) Care, Serve, Service Learning 3 3			CC0015		2	
CC0007 Science & Technology for Humanity ML0004 Career Design & Workplace Readiness in the V.U.C.A World Professional Series HW0288 Engineering Communication 2 16AU or Introduction to Data Science and Artificial Intelligence 3 10/ MA3910 Professional Internship/ Professional Attachment 5 11AU (PA only) Care, Serve, Service Learning 3 3 3 3 3				<u> </u>		
ML0004 Career Design & Workplace Readiness in the V.U.C.A World Professional Series HW0288 Engineering Communication 2 16AU or Introduction to Data Science and Artificial Intelligence 3 10/ MA3910 Professional Internship/ Professional Attachment 5 11AU (PA only) Care, Serve, Service Learning 3 3 3 3 3						
Professional Series HW0288 Engineering Communication 2 16AU MA0218 Introduction to Data Science and Artificial Intelligence 3 or MA3920/ MA3910 Professional Internship/ Professional Attachment 10/5 11AU MLXXXX Profession Preparation 1 (PA only) Care, Serve, Service Learning 3				Career Design & Workplace Readiness in the	_	
Series MA0218 Introduction to Data Science and Artificial 3 3		Professional	H/V/U366		2	16411
MA3920/ MA3910 Professional Internship/ Professional Attachment 5 MLxxxx Profession Preparation 1 Care, Serve, Service Learning 3 Intelligence 10/ Professional Internship/ Professional Attachment 5 (PA only)			11000200			
MA3920/ MA3910 Professional Internship/ Professional Attachment 5 MLxxxx Profession Preparation 1 Care, Serve, Service Learning 3		Jeries	MA0218		3	OI .
MA3910 5 11AU MLXXXX Profession Preparation 1 (PA only) Care, Serve, Service Learning 3			,		10/	
Care, Serve, Service Learning				·		
Service Learning		Caro Somio	MLxxxx	Profession Preparation	1	(PA only)
				Service Learning	3	3
TOTAL 125AU		•	•	TOTAL		125AU

^{*}Students without 'A' Level Physics will take 'PH1012 Physics A' (4AU).