

**A Summary of
Academic Unit Requirements for Degree Programmes at NTU
For Direct Entry Students Admitted in 2018-2019**

Programme	Year of Study	Number of Academic Units (AUs)									
		Major Requirements		General Education Requirement (GER)						UE	Total
				GER Core	GER Prescribed Electives			Any Category (BM, LA, STS)			
		Core	Major PE		BM	LA	STS				
Aerospace Engineering (PI@)	2	41		4				3		48	
	3	28		5						33	
	4	23	6	3						32	
	Total	92	6	12	3			0	113		
Bioengineering (PI@)	2	40		4				3		44	
	3	27		4						34	
	4	15	9	4					6	34	
	Total	82	9	12	3			6	112		
Biological Sciences	2	12	9	7			3		9	40	
	3		21	5	3	3				32	
	4		24				3			27	
	Total	12	54	12	12			9	99		
Chemical & Biomolecular Engineering (PI@)	2	41		4				3		45	
	3	29	3	7						42	
	4	14	6	1					3	24	
	Total	84	9	12	3			3	111		
Civil Engineering (PI@)	2	35		4						39	
	3	34	3	3			3			43	
	4	18	6	5						29	
	Total	87	9	12	3			0	111		
Electrical and Electronic Engineering (PI@)	2	38		4						42	
	3	24	6	4						34	
	4	12	13	4				3	3	35	
	Total	74	19	12	3			3	111		
Environmental Engineering (PI@)	2	35		4			3			42	
	3	34	6	3						43	
	4	18	3	5						26	
	Total	87	9	12	3			0	111		
Information Engineering & Media (PI@)	2	34		8	3					45	
	3	26		7						33	
	4	20	13	1						34	
	Total	80	13	16	3			0	112		
Materials Engineering (PI@)	2	32		5				6		43	
	3	26		4						30	
	4	17	12	3					6	38	
	Total	75	12	12	6			6	111		
Mechanical Engineering (Mainstream) (PI@)	2	38		4						42	
	3	29		5						34	
	4	18	12	3				3		36	
	Total	85	12	12	3			0	112		
Mechanical Engineering (Design / Robotics and Mechatronics Stream) (PI@)	2	38		4						42	
	3	29		5						34	
	4	18	12	3				3		36	
	Total	85	12	12	3			0	112		
Sport Science & Management	2	28	3	8						39	
	3	3	24	3	3	3	3		3	42	
	4	16		1					9	26	
	Total	47	27	12	9			12	107		

Description

© PI – Professional Internship (for Engineering Programmes). Refer to School's website for AU requirement of other attachment option.
+ For students without 'A' Level Physics and who need to read PH1012 Physics A (4 AUs).

Description of Abbreviation

BM - Business & Management
LA - Liberal Arts
STS - Science, Technology & Society