

**A Summary of
Academic Unit Requirements for Degree Programmes at NTU
For Direct Entry Students Admitted in 2022-2023**

Programme	Year of Study	Number of Academic Units (AUs)					Broadening and Deepening Electives	Total
		Major Requirements		Interdisciplinary Collaborative Core				
		Core	Major PE	Common Core	Foundational Core			
Aerospace Engineering (PI@)	2	36		4				40
	3	25		7	5	5		42
	4	23		6	5			34
	Total	84	0	17	10	5		116
Civil Engineering (PI@)	2	32		4				36
	3	29		7	8			44
	4	14	3	6	2	5		30
	Total	75	3	17	10	5		110
Electrical and Electronic Engineering (PI@)	2	28		4	3	2		37
	3	23	6	7	7			43
	4	8	15	6	0	3		32
	Total	59	21	17	10	5		112
Environmental Engineering (PI@)	2	34		4				38
	3	20	3	7	8	3		41
	4	22		6	2	2		32
	Total	76	3	17	10	5		111
Information Engineering & Media (PI@)	2	31		4				35
	3	17	9	7	10	3		44
	4	11	15	6				32
	Total	59	24	17	10	3		113
Materials Engineering (PI@)	2	28		4	3			35
	3	22		7	7	5		41
	4	18	9	6		3		36
	Total	68	9	17	10	8		112
Mechanical Engineering (Mainstream) (PI@)	2	34		4				38
	3	28		7	5	3		43
	4	15	6	6	5	2		34
	Total	77	6	17	10	5		115
Mechanical Engineering (Design / Robotics and Mechatronics Stream) (PI@)	2	37		4				41
	3	28		7	5			40
	4	12	6	6	5	5		34
	Total	77	6	17	10	5		115

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).