

**A Summary of
Academic Unit Requirements for Degree Programmes at NTU
For Direct Entry Students Admitted in 2024-2025**

Programme	Year of Study	Number of Academic Units (AUs)					Total
		Major Requirements		Interdisciplinary Collaborative Core		Broadening and Deepening Electives	
		Core	Major PE	Common Core	Foundational Core		
Aerospace Engineering (PA@)	2	36		4			40
	3	25		7	5	5	42
	4	23		6	5		34
	Total	84	0	17	10	5	116
Civil Engineering (PA@)	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 (PA@)	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 (PA@)	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 (PA@)	2	31		6			37
	3	17	9	5	10	3	44
	4	11	15	6			32
	Total	59	24	17	10	3	113
Materials Engineering (PA@)	2	25		7	3		35
	3	28		4	7	2	41
	4	15	9	6		6	36
	Total	68	9	17	10	8	112
Mechanical Engineering (Mainstream) (PA@)	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 / Intelligent Manufacturing / Robotics and Mechatronics Stream) (PA@)	2	37		4			41
	3	28		7	5		40
	4	12	6	6	5	5	34
	Total	77	6	17	10	5	115

Description

@ PA – Professional Attachment (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).