

**A Summary of
Academic Unit Requirements for Degree Programmes at NTU
For Direct Entry Students Admitted in 2012-2013**

Programme	Year of Study	Number of Academic Units (AUs)									
		Major Requirements		General Education Requirement (GER)							Total
				GER Core	GER Prescribed Electives				UE		
		Core	Major PE		AHSS	STS	BM	LS		Any Category (AHSS, STS, BM, LS)	
Bioengineering (IA Option)	2	40		2							
	3	25	3				3				31
	4	15	6	8	3				3	2	37
	Total	80	9	10	9				2	110	
Biological Sciences	2	15	9	6						6	36
	3		21	6		3	3	3			36
	4		24		3						27
	Total	15	54	12	12				6	99	
Chemical & Biomolecular Engineering (IA Option)	2	40						3	3		40
	3	24	6	5							41
	4	15	3	5						2	25
	Total	79	9	10	6				2	106	
Civil Engineering (IO – Default attachment®)	2	32		5							37
	3	34		2							36
	4	15	9	3			3			6	36
	Total	81	9	10	3				6	109	
Electrical and Electronic Engineering (IO – Default attachment®)	2	36		2							38
	3	25	6	3						3	37
	4	8	13	5			3			3	32
	Total	69	19	10	3				6	107	
Environmental Engineering (IO – Default attachment®)	2	32		5							37
	3	34		2							36
	4	15	9	3			3			6	36
	Total	81	9	10	3				6	109	
Information Engineering & Media (IO – Default attachment®)	2	33 (34)*		3							36 (37)*
	3	29		6						3	38
	4	11	13	5			3			3	35
	Total	73 (74)*	13	14	3				6	109 (110)*	
Materials Engineering (IO – Default attachment®)	2	32		3	3						38
	3	26	3	5			3			3	40
	4	11	9	2				3		3	28
	Total	69	12	10	9				6	106	
Mechanical Engineering (Mainstream) (IO – Default attachment®)	2	37		2							39
	3	26		6				3		6	41
	4	15	12	2						3	32
	Total	78	12	10	3				9	112	
Mechanical Engineering (Design / Mechatronics Stream) (IO – Default attachment®)	2	35				6					41
	3	28	6	2				3		3	42
	4	15	6	8							29
	Total	78	12	10	9				3	112	

Description

® Refer to School's website for AU requirement of other attachment options.

* For students without 'A' Level Physics and who need to read FE1012 Physics A (4 AUs).

Description of Abbreviation

AHSS - Arts, Humanities & Social Sciences

STS - Science, Technology & Society

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		Core	Major PE	GER Core	GER Prescribed Electives				UE		
					AHSS	STS	BM	LS		Any Category (AHSS, STS, BM, LS)	
Sport Science & Management	2	21	6	12							39
	3	3	21		3	3	3	3	3	6	45
	4	16								9	25
	Total	40	27	12	15				15	109	

Description

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