

**A Summary of
Academic Unit Requirements for Degree Programme at NTU
For Year 1 Students Admitted in 2011-2012**

Degree Programmes:

- Single Degree Programmes
- Single Degree (CN Yang) Programmes
- Double Degree Programmes
- Integrated Programme

Single Degree

Programme	Year of Study	Number of Academic Units (AUs)										
		Major Requirements		General Education Requirement (GER)							UE	Total
		Core	Major PE	GER Core	GER Prescribed Electives							
AHSS	STS				BM	LS	Any Category (AHSS, STS, BM, LS)					
Accountancy												
• Group A	1	27		5				3				
	2	27		7								
	3	16			3	3					12	
	Total	70	N/A	12	9					12	103	
• Group B	1	23		5		3						
	2	27		7				3				
	3	20			3						3	
	Total	70	N/A	12	9					12	103	
Art Design & Media	1	27		6	3							
	2	15		6		3	3					
	3	16	3					3		3		
	4	12	6									
	Total	70	9	12	15					24	130	
Aerospace Engineering (IO – Default attachment®)	1	16/17 ⁺		2	3	3		3				
	2	28		2								
	3	27		3			3		3			
	4	19	6	5								
	Total	90/91⁺	6	12	15					15	138/139⁺	
Business												
• Actuarial Science	1	27		5				3				
	2	26		7								
	3	20			3	3					6	
	Total	73	N/A	12	9					12	106	
• Banking & Finance	1	27		5								
	2	15	12	7				3				
	3	12	4		3	3					3	
	Total	54	16	12	9					12	103	
• Human Resource Consulting	1	27		5								
	2	11	16	7				3				
	3	8	8		3	3					3	
	Total	46	24	12	9					12	103	
• Information Technology	1	27		5								
	2	19	8	7				3				
	3	8	8		3	3					3	
	Total	54	16	12	9					12	103	

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).

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Programme	Year of Study	Number of Academic Units (AUs)										
		Major Requirements		General Education Requirement (GER)							UE	Total
				GER Core	GER Prescribed Electives					Any Category (AHSS, STS, BM, LS)		
		Core	Major PE		AHSS	STS	BM	LS				
• Marketing	1	27		5								
	2	23	4	7				3			3	
	3	12	4		3	3					9	
	Total	62	8	12	9					12	103	
• Tourism & Hospitality Management	1	27		5								
	2	27		7				3			3	
	3	16			3	3					9	
	Total	70	N/A	12	9					12	103	
Bioengineering (IA Option)	1	32/33 ⁺		2	3	3						40/41 ⁺
	2	30		2			3	3			3	41
	3	24									3	27
	4	12	3	8					3		5	31
	Total	98/99⁺	3	12	15					11	139/140⁺	
Biological Sciences	1	21		6				3			9	33
	2	15	9	6							6	36
	3		21	6		3	3		3			36
	4		24		3							27
	Total	36	54	12	15					15	132	
Chemical & Biomolecular Engineering (IA Option)	1	30		2	3	3					3	41
	2	29		2			3				5	39
	3	22		5				3			3	30
	4	10	9	3					3		3	28
	Total	91	9	12	15					11	138	
Chemistry & Biological Chemistry	1	24		3		3					3	33
	2	18		6	3				3		6	36
	3	18		3			3	3			9	36
	4		24								3	27
	Total	60	24	12	15					21	132	
Chinese	1	15		6	3						9	33
	2	6	12	3		3					9	36
	3	6	6	3			3	3			12	30
	4	8	16						3			27
	Total	35	34	12	15					30	126	
Civil Engineering (IO – Default attachment [@])	1	24/25 ⁺		5	3							32/33 ⁺
	2	26		2							6	34
	3	22		2		3		3	3		3	36
	4	15	9	3			3				6	36
	Total	87/88⁺	9	12	15					15	138/139⁺	
Communication Studies	1	12		6					3		12	33
	2	3	12	6					3		9	33
	3	16	8						9			33
	4	16	4								9	29
	Total	47	24	12	15					30	128	

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[#] For Polytechnic graduates with Mechanical Engineering diplomas.

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

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Programme	Year of Study	Number of Academic Units (AUs)										
		Major Requirements		General Education Requirement (GER)							UE	Total
				GER Core	GER Prescribed Electives				Any Category (AHSS, STS, BM, LS)			
		Core	Major PE		AHSS	STS	BM	LS				
Computer Engineering	1	23		5		3					31	
	2	21		5			3		3	3	35	
	3	26	3	2			3			6	40	
	4	8	15		3					6	32	
	Total	78	18	12	15				15	138		
Computer Science	1	23		5		3				3	31	
	2	21		5			3		3	6	35	
	3	26	3	2			3			6	40	
	4	8	15		3					6	32	
	Total	78	18	12	15				15	138		
Economics	1	18	6	6	3					6	39	
	2	4	12	3		3		3		6	31	
	3		12	3			3			9	27	
	4	8	9						3	9	29	
	Total	30	39	12	15				30	126		
Electrical and Electronic Engineering (IO – Default attachment@)	1	20/21 ⁺		2	3					6	31/32 ⁺	
	2	35		2							37	
	3	14	6	3		3			3	9	38	
	4	8	13	5			3	3			32	
	Total	77/78⁺	19	12	15				15	138/139⁺		
Electrical & Electronic Engineering (Part-time)	1	19										
	2	21										
	3	15	6									
	4	8/5 [^]	8/11 [^]									
	5	13	8									
Total	76/73[^]	22/25[^]	N/A	0			N/A	N/A	0	98		
English	1	21		6	3					9	39	
	2		15	3		3		3		9	33	
	3		15	3			3			9	30	
	4	8	10						3	3	24	
	Total	29	40	12	15				30	126		
Environmental Engineering (IO – Default attachment@)	1	19/20 ⁺		7	3					3	32/33 ⁺	
	2	31								3	34	
	3	22		2		3		3	3	3	36	
	4	15	9	3			3			6	36	
	Total	87/88⁺	9	12	15				15	138/139⁺		
Information Engineering & Media (IO – Default attachment@)	1	28/29 ⁺		3	3						34/35 ⁺	
	2	27		3		3		3			36	
	3	18		3					3	12	36	
	4	8	13	5			3			3	32	
	Total	81/82⁺	13	14	15				15	138/139⁺		

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

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Programme	Year of Study	Number of Academic Units (AUs)										
		Major Requirements		General Education Requirement (GER)							UE	Total
				GER Core	GER Prescribed Electives				Any Category (AHSS, STS, BM, LS)			
		Core	Major PE		AHSS	STS	BM	LS				
Linguistics & Multilingual Studies	1	15	6	6	3						9	39
	2	9	9	3		3		3			9	36
	3		10	3			3				9	25
	4	8	12						3		3	26
	Total	32	37	12	15				30	126		
Maritime Studies	1	23		5							3	31
	2	17		2		3		3			6	31
	3	22		5	3				3		3	36
	4	17	9				3				3	32
	Total	79	9	12	15				15	130		
Maritime Studies with Business Major	1	27		5				3				35
	2	31		2							3	36
	3	26		5	3	3					3	37
	4	25	9						3		3	40
	Total	109	9	12	12				6	148		
Materials Engineering (IO – Default attachment [®])	1	24/25 ⁺		2	3		3				3	35/36 ⁺
	2	23		3		3		3			6	38
	3	26	3	5					3		3	40
	4	11	9	2							3	25
	Total	84/85⁺	12	12	15				15	138/139⁺		
Mathematics & Economics	1	28		3		3						34
	2	22		6				3				31
	3	17	12	3			3					35
	4		23								9	32
	Total	67	35	12	9				9	132		
Mathematical Sciences – Applied Mathematics	1	26		3	3							32
	2	22		6		3					3	34
	3	11	7	3			3				9	33
	4		18					3	3		9	33
	Total	59	25	12	15				21	132		
Mathematical Sciences – Pure Mathematics	1	26		3	3							32
	2	22		6		3					3	34
	3	11	7	3			3				9	33
	4		18					3	3		9	33
	Total	59	25	12	15				21	132		
Mathematical Sciences – Statistics	1	26		3	3							32
	2	26		6		3						35
	3	7	7	3			3			12	32	
	4		18					3	3		9	33
	Total	59	25	12	15				21	132		

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Programme	Year of Study	Number of Academic Units (AUs)										
		Major Requirements		General Education Requirement (GER)								
				GER Core	GER Prescribed Electives					UE	Total	
		Core	Major PE		AHSS	STS	BM	LS	Any Category (AHSS, STS, BM, LS)			
Mechanical Engineering (Mainstream) (IO – Default attachment [®])	1	19/20 ⁺		2	3			3			6	
	2	31		2		3				6		
	3	19		6			3		3	3		
	4	15	12	2								
	Total	84/85⁺	12	12	15					15	138/139⁺	
Mechanical Engineering (Design stream) (IO – Default attachment [®])	1	19/20 ⁺		2	3			3			6	
	2	31		2		6						
	3	19	6	6			3			3		
	4	15	6	2						6		
	Total	84/85⁺	12	12	15					15	138/139⁺	
Mechanical Engineering (Mechatronics stream) (IO – Default attachment [®])	1	19/20 ⁺		2	3			3			6	
	2	31		2		6						
	3	19	6	6			3			3		
	4	15	6	2						6		
	Total	84/85⁺	12	12	15					15	138/139⁺	
Mechanical Engineering (Part-time)	1	22 [*] /19 [#]										
	2	21										
	3	19										
	4	12										
	5	18										
Total	92[*]/89[#]	12	N/A	0			N/A	N/A	0	104[*]/101[#]		
Physics & Applied Physics – Physics	1	29		3								32
	2	23		6	3							32
	3	10	7	3		3	3			9	35	
	4	20	20					3	3	7	33	
	Total	62	27	12	15					16	132	
Physics & Applied Physics – Applied Physics	1	29		3								32
	2	25		6	3							34
	3	8	7	3		3	3			9	33	
	4	20	20					3	3	7	33	
	Total	62	27	12	15					16	132	
Physics with second major in Mathematical Sciences – Applied Mathematics	1	42		3								45
	2	42		6								48
	3	21	14	3	3	3					44	
	4	30	30				3	3	3		39	
	Total	105	44	12	15					0	176	
Physics with second major in Mathematical Sciences – Pure Mathematics	1	42		3								45
	2	42		6								48
	3	21	14	3	3	3					44	
	4	30	30				3	3	3		39	
	Total	105	44	12	15					0	176	

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Programme	Year of Study	Number of Academic Units (AUs)										
		Major Requirements		General Education Requirement (GER)							UE	Total
				GER Core	GER Prescribed Electives				Any Category (AHSS, STS, BM, LS)			
		Core	Major PE		AHSS	STS	BM	LS				
Physics with second major in Mathematical Sciences – Statistics	1	42		3								45
	2	46		6								52
	3	17	14	3	3	3						40
	4		30				3	3		3		39
	Total	105	44	12	15				0	176		
Psychology	1	15		6	3						9	33
	2	12	6	3		3		3			9	36
	3		16	3			3				9	31
	4	8	12						3		3	26
	Total	35	34	12	15				30	126		
Sociology	1	12	6	6	3						6	33
	2	6	12	3		3		3			9	36
	3	7	6	3			3				9	28
	4	8	12						3		6	29
	Total	33	36	12	15				30	126		
Sport Science & Management	1	18	6	9								
	2	21	3	3	3	3					3	
	3	3					3	3		3	6	
	4	16	18								6	
	Total	58	27	12	15				15	127		

Single Degree (CN Yang)

Programme	Year of Study	Number of Academic Units (AUs)										
		Major Requirements		General Education Requirement (GER)							UE	Total
				GER Core	GER Prescribed Electives				Any Category (AHSS, STS, BM, LS)			
		Core	Major PE		AHSS	STS	BM	LS				
Aerospace Engineering (IO – Default attachment@)	1	30	6	2				3				
	2	35		2		3					2	
	3	29		3								
	4	19	6	5								
	Total	113	12	12	6				2	145		
Biological Sciences	1	36	6									
	2	23	9	3				3				
	3		21	6			3					
	4		21		3							
	Total	59	57	9	9				0	134		

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Programme	Year of Study	Number of Academic Units (AUs)									
		Major Requirements		General Education Requirement (GER)						UE	Total
				GER Core	GER Prescribed Electives				Any Category (AHSS, STS, BM, LS)		
		Core	Major PE		AHSS	STS	BM	LS			
Bioengineering (IA Option)	1	33	6		3		3				45
	2	34		4					3		41
	3	27									27
	4	14	3	8		3		3			31
	Total	108	9	12	15				0	144	
Chemical & Biomolecular Engineering (IA Option)	1	32	6	2	3						43
	2	35		2			3		3		43
	3	25		5							30
	4	10	9	3		3		3			28
	Total	102	15	12	15				0	144	
Civil Engineering (IO – Default attachment [®])	1	34	6	5							45
	2	35		2							37
	3	22		2	3			3			30
	4	15	9	3			3				30
	Total	106	15	12	9				0	142	
Computer Engineering	1	35	6								41
	2	26		10							36
	3	29		2			3				34
	4	14	12					3			29
	Total	104	18	12	6				0	140	
Computer Science	1	35	6								41
	2	26		10							36
	3	29		2			3				34
	4	14	12					3			29
	Total	104	18	12	6				0	140	
Electrical and Electronic Engineering (IO – Default attachment [®])	1	30	6	2	3						41
	2	35								4	39
	3	14	6	5		3		3	3		34
	4	8	13	5			3				29
	Total	87	25	12	15				4	143	
Environmental Engineering (IO – Default attachment [®])	1	33	6	5							44
	2	32		2							34
	3	26		2	3			3			34
	4	15	9	3			3				30
	Total	106	15	12	9				0	142	
Materials Engineering (IO – Default attachment [®])	1	33	6								39
	2	31		2	3						36
	3	26		5			3	3			37
	4	11	12	5							28
	Total	101	18	12	9				0	140	

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		Core	Major PE	GER Core	GER Prescribed Electives				Any Category (AHSS, STS, BM, LS)			
					AHSS	STS	BM	LS				
Mechanical Engineering (Mainstream) (IO – Default attachment [®])	1	33	6	2								
	2	36		2								
	3	22		6			3	3				
	4	15	12	2								
	Total	106	18	12	6				0	142		
Mechanical Engineering (Design / Mechatronics Stream) (IO – Default attachment [®])	1	33	6	2								
	2	36		2								
	3	22		6		6						
	4	15	12	2								
	Total	106	18	12	6				0	142		
Chemistry and Biological Chemistry	1	23		3	3						7	
	2	18		6							8	
	3	18	9	3		3						
	4		16				3	3		3	6	
	Total	59	25	12	15				21	132		
Mathematics & Economics	1	17		3							6	
	2	29		6								
	3	13	16	3		3					3	
	4		27				3	3				
	Total	59	43	12	9				9	132		
Mathematics Sciences	1	15		3							17	
	2	28		6								
	3	8	16	3	3	3					4	
	4		17				3	3		3		
	Total	51	33	12	15				21	132		
Physics & Applied Physics (Physics)	1	26		3								
	2	27		6	3						8	
	3	13		3		3						
	4		27				3	3		3	4	
	Total	66	27	12	15				12	132		
Physics & Applied Physics (Applied Physics)	1	26		3								
	2	29		6	3						8	
	3	11		3		3						
	4		27				3	3		3	4	
	Total	66	27	12	15				12	132		
Physics with second major in Mathematical Sciences	1	33		3	3							
	2	45		6								
	3	21		3								
	4		52				3	3		3		
	Total	99	52	12	15				0	178		

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		Major Requirements		General Education Requirement (GER)							UE	Total
				GER Core	GER Prescribed Electives				Any Category (AHSS, STS, BM, LS)			
		Core	Major PE		AHSS	STS	BM	LS				
Double Degree in Accountancy and Business (Group A)												
• Actuarial Science	1	31		5								
	2	34		7								
	3	20			3	3		3		6		
	4	24								6		
	Total	109	N/A	12	9				12	142		
• Banking & Finance	1	31		5								
	2	23	8	7								
	3	24	4									
	4	12	4		3	3		3		12		
	Total	90	16	12	9				12	139		
• Human Resource Consulting	1	31		5								
	2	19	12	7								
	3	20	4		3	3		3		3		
	4	12	8							9		
	Total	82	24	12	9				12	139		
• Information Technology	1	31		5								
	2	23	4	7						3		
	3	20	8		3	3		3		9		
	4	12	8									
	Total	86	20	12	9				12	139		
• Marketing	1	31		5								
	2	31		7								
	3	20	8		3	3		3		12		
	4	16										
	Total	98	8	12	9				12	139		
• Tourism & Hospitality Management	1	31		5								
	2	31		7								
	3	28			3	3		3				
	4	16								12		
	Total	106	N/A	12	9				12	139		
Individual Degree Requirements												
Accountancy (Group A)	1	27		5								
	2	27		7				3				
	3	16			3	3				12		
	4											
	Total	70	N/A	12	9				12	103		

Description

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EEE

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**A Summary of
Academic Unit Requirements for Degree Programme at NTU
For Year 1 Students Admitted in 2011-2012 (cont'd)**

Programme	Year of Study	Number of Academic Units (AUs)									UE	Total
		Major Requirements		General Education Requirement (GER)								
				GER Core	GER Prescribed Electives							
		Core	Major PE		AHSS	STS	BM	LS	Any Category (AHSS, STS, BM, LS)			
Business												
• Actuarial Science	1	27		5				3			6	
	2	26		7						6		
	3	20			3	3						
	4											
	Total	73	N/A	12	9				12	106		
• Banking & Finance	1	27		5				3		3		
	2	15	8	7						9		
	3	12	4		3	3						
	4		4									
	Total	54	16	12	9				12	103		
• Human Resource Consulting	1	27		5				3		3		
	2	11	12	7						9		
	3	8	4		3	3						
	4		8									
	Total	46	24	12	9				12	103		
• Information Technology	1	27		5				3		3		
	2	15	4	7						9		
	3	8	8		3	3						
	4		8									
	Total	50	20	12	9				12	103		
• Marketing	1	27		5				3		3		
	2	23		7						9		
	3	12	8		3	3						
	4											
	Total	62	8	12	9				12	103		
• Tourism & Hospitality Management	1	27		5				3		3		
	2	27		7						9		
	3	16			3	3						
	4											
	Total	70	N/A	12	9				12	103		

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Academic Unit Requirements for Degree Programme at NTU
For Year 1 Students Admitted in 2011-2012 (cont'd)**

Programme	Year of Study	Number of Academic Units (AUs)											
		Major Requirements		General Education Requirement (GER)								UE	Total
				GER Core	GER Prescribed Electives					Any Category (AHSS, STS, BM, LS)			
		Core	Major PE		AHSS	STS	BM	LS					
Double Degree in Accountancy and Business (Group B)													
• Actuarial Science	1	27		5									
	2	34		4		3		3					
	3	20		3	3					3			
	4	28								9			
	Total	109	N/A	12	9					12	142		
• Banking & Finance	1	27		5									
	2	23	8	4		3		3					
	3	24	4	3	3					3			
	4	16	4							9			
	Total	90	16	12	9					12	139		
• Human Resource Consulting	1	27		5									
	2	19	12	4		3		3					
	3	20	4	3	3					6			
	4	16	8							6			
	Total	82	24	12	9					12	139		
• Information Technology	1	27		5									
	2	23	4	4		3		3					
	3	20	8	3	3					3			
	4	16	8							6			
	Total	86	20	12	9					12	139		
• Marketing	1	27		5									
	2	31		4		3		3					
	3	20	8	3	3					3			
	4	20								9			
	Total	98	8	12	9					12	139		
• Tourism & Hospitality Management	1	27		5									
	2	31		4		3		3					
	3	28		3	3					3			
	4	20								9			
	Total	106	N/A	12	9					12	139		
Individual Degree Requirements													
Accountancy (Group B)	1	23		5		3							
	2	27		7				3					
	3	20			3					3			
	4									9			
	Total	70	N/A	12	9					12	103		

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Programme	Year of Study	Number of Academic Units (AUs)									UE	Total
		Major Requirements		General Education Requirement (GER)								
				GER Core	GER Prescribed Electives							
		Core	Major PE		AHSS	STS	BM	LS	Any Category (AHSS, STS, BM, LS)			
Business												
• Actuarial Science	1	27		5				3			6	
	2	26		7						6		
	3	20			3	3						
	4											
	Total	73	N/A	12	9				12	106		
• Banking & Finance	1	27		5				3		3		
	2	15	8	7						9		
	3	12	4		3	3						
	4		4									
	Total	54	16	12	9				12	103		
• Human Resource Consulting	1	27		5				3		3		
	2	11	12	7						9		
	3	8	4		3	3						
	4		8									
	Total	46	24	12	9				12	103		
• Information Technology	1	27		5				3		3		
	2	15	4	7						9		
	3	8	8		3	3						
	4		8									
	Total	50	20	12	9				12	103		
• Marketing	1	27		5				3		3		
	2	23		7						9		
	3	12	8		3	3						
	4											
	Total	62	8	12	9				12	103		
• Tourism & Hospitality Management	1	27		5				3		3		
	2	27		7						9		
	3	16			3	3						
	4											
	Total	70	N/A	12	9				12	103		

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For Year 1 Students Admitted in 2011-2012 (cont'd)**

Programme	Year of Study	Number of Academic Units (AUs)									
		Major Requirements		General Education Requirement (GER)						UE	Total
				GER Core	GER Prescribed Electives				Any Category (AHSS, STS, BM, LS)		
		Core	Major PE		AHSS	STS	BM	LS			
Double Degree in Aerospace Engineering and Economics (IO – Default attachment@)	1	28/29*		2						2	32/33+
	2	34	3	2					3		42
	3	27	9	3							39
	4	18	12	5							35
	5	8	21								29
	Total		115/116*	45	12			3			2
Individual Degree Requirements											
Aerospace Engineering (IO Option)	1	16/17+		2						14	
	2	28		2					3	6	
	3	24		3						3	
	4	14		5						4	
	5	8	6								
	Total		90/91*	6	12			3			27
Economics	1	12		2					3	18/19+	
	2	6	3	2						21	
	3	3	9	3							
	4	4	12	5							
	5	8	15								
	Total		33	39	12			3			39

Double Degree in Business and Computer Engineering	1	37		5							42
	2	29	4	6						3	42
	3	25	4	4			3				36
	4	18	17					3			38
	Total		109	25	15			6			3
Individual Degree Requirements											
Business (IT)	1	18		2	3	3				9	
	2	15	3	6						3	
	3	6	4	4							
	4	8	16					3			
	Total		47	23	12			9			12
Computer Engineering	1	23		5			3			9	
	2	18		3	3	3				3	
	3	23		4		3					
	4	14	21					3			
	Total		78	21	12			15			12

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Academic Unit Requirements for Degree Programme at NTU
For Year 1 Students Admitted in 2011-2012 (cont'd)**

Programme	Year of Study	Number of Academic Units (AUs)											
		Major Requirements		General Education Requirement (GER)								UE	Total
				GER Core	GER Prescribed Electives					Any Category (AHSS, STS, BM, LS)			
		Core	Major PE		AHSS	STS	BM	LS					
Double Degree in Business and Computer Science	1	37		5									42
	2	29	4	6							3	42	
	3	22	4	4			3				3	36	
	4	18	17					3				38	
	Total	106	25	15	6					6	158		
Individual Degree Requirements													
Business (IT)	1	18		2	3	3					6		
	2	15	3	6							3		
	3	6	4	4							3		
	4	8	16					3					
	Total	47	23	12	9					12	103		
Computer Science	1	23		5			3				6		
	2	22		3	3	3					3		
	3	20		4		3					3		
	4	14	21					3					
	Total	79	21	12	15					12	139		
Double Degree in Biomedical Sciences & Chinese Medicine	1	30		6			3				3	42	
	2	48										48	
	3	36	6								6	48	
	Inter-sem		12									12	
	4	Beijing University of Chinese Medicine											
	5	Beijing University of Chinese Medicine											
Total	114	18	6	3					9	150			
Double Degree in Bioengineering and Economics (IO Option)	1	41		2								43	
	2	39		2								41	
	3	27	15									42	
	4	11	3	8				3				25	
	5		24									24	
	Total	118	42	12	3					0	175		
Individual Degree Requirements													
Bioengineering (IO Option)	1	29		2							12		
	2	33		2							6		
	3	20									7		
	4	11	3	8				3					
	5												
	Total	93	3	12	3					25	136		
Economics	1	12		2							30		
	2	6		2							9		
	3	7	15										
	4	8		8				3					
	5		24										
	Total	33	39	12	3					39	126		

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**A Summary of
Academic Unit Requirements for Degree Programme at NTU
For Year 1 Students Admitted in 2011-2012 (cont'd)**

Programme	Year of Study	Number of Academic Units (AUs)									
		Major Requirements		General Education Requirement (GER)						UE	Total
				GER Core	GER Prescribed Electives				Any Category (AHSS, STS, BM, LS)		
		Core	Major PE		AHSS	STS	BM	LS			
Double Degree in Chemical & Biomolecular Engineering and Economics (IO Option)	1	39		5							44
	2	38		2							40
	3	25	12	2				3			42
	4	10	9	3							22
	5		27								27
	Total		112	48	12				3		0
Individual Degree Requirements											
Chemical & Biomolecular Engineering (IO Option)	1	27		5						12	
	2	32		2						6	
	3	18		2				3		7	
	4	10	9	3							
	5										
	Total		87	9	12				3		25
Economics	1	12		5						21	
	2	6		2						18	
	3	7	12	2				3			
	4	8		3							
	5		27								
	Total		33	39	12				3		39

Double Degree in Civil Engineering and Economics (IO – Default attachment@)	1	33/34 ⁺		5							38/39 ⁺
	2	35		2							37
	3	29	9	2					3		40
	4	7	15	3							28
	5	8	24								32
	Total		112/113⁺	48	12				3		0
Individual Degree Requirements											
Civil Engineering (IO Option)	1	24/25 ⁺		5						9	
	2	26		2						9	
	3	22		2						7	
	4	7	9	3					3		
	5	8									
	Total		87/88⁺	9	12				3		25
Economics	1	9		5						24	
	2	9		2						15	
	3	7	9	2					3		
	4		6	3							
	5	8	24								
	Total		33	39	12				3		39

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Academic Unit Requirements for Degree Programme at NTU
For Year 1 Students Admitted in 2011-2012 (cont'd)**

Programme	Year of Study	Number of Academic Units (AUs)										
		Major Requirements		General Education Requirement (GER)							UE	Total
				GER Core	GER Prescribed Electives					Any Category (AHSS, STS, BM, LS)		
		Core	Major PE		AHSS	STS	BM	LS				
Double Degree in Computer Engineering and Economics / Double Degree in Computer Science and Economics (IO – Default attachment@)	1	35										35
	2	33		2								35
	3	23	9	5			3					40
	4	12	18	5								35
	5		30									30
	Total		103	57	12			3			0	175
Individual Degree Requirements												
Computer Engineering / Computer Science (IO Option)	1	23									12	
	2	24		2							9	
	3	23	3	5				3				
	4	8	12	5							4	
	5		3									
	Total		78	18	12			3			25	136
Economics	1	12									23	
	2	9		2							16	
	3		6	5				3				
	4	12	6	5								
	5		27									
	Total		33	39	12			3			39	126

Double Degree in Electrical & Electronic Engineering and Economics (IO – Default attachment@)	1	26/27 ⁺		2					3			31/32 ⁺
	2	27	6									33
	3	31	6	5								42
	4	10	24	3								37
	5	8	22	2								32
	Total		102/103⁺	58	12			3			0	175/176⁺
Individual Degree Requirements												
Electrical & Electronic Engineering (IO Option)	1	14/15 ⁺		2					3		12	
	2	21									6	
	3	28		5							3	
	4	6	9	3							4	
	5	8	10	2								
	Total		77/78⁺	19	12			3			25	136/137⁺
Economics	1	12		2					3		20	
	2	6	6								19	
	3	3	6	5								
	4	4	15	3								
	5	8	12	2								
	Total		33	39	12			3			39	126

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Programme	Year of Study	Number of Academic Units (AUs)									
		Major Requirements		General Education Requirement (GER)						UE	Total
				GER Core	GER Prescribed Electives				Any Category (AHSS, STS, BM, LS)		
		Core	Major PE		AHSS	STS	BM	LS			
Double Degree in Environmental Engineering and Economics (IO – Default attachment@)	1	31/32 ⁺		7							38/39 ⁺
	2	37									37
	3	29	9	2							40
	4	7	15	3					3		28
	5	8	24								32
	Total		112/113⁺	48	12			3			0
Individual Degree Requirements											
Environmental Engineering (IO Option)	1	19/20 ⁺		7							12
	2	31								6	
	3	22		2						7	
	4	7	9	3					3		
	5	8									
	Total		87/88⁺	9	12			3			25
Economics	1	12		7						24	
	2	6								15	
	3	7	9	2					3		
	4	6	6	3							
	5	8	24								
	Total		33	39	12			3			39

Double Degree in Information Engineering & Media and Economics (IO – Default attachment@)	1	30/31 ⁺						3			33/34 ⁺
	2	29	3	3							35
	3	32	9								41
	4	7	20	6							33
	5	8	20	5							33
	Total		106/107⁺	52	14			3			0
Individual Degree Requirements											
Information Engineering & Media (IO Option)	1	18/19 ⁺						3		12	
	2	23		3						6	
	3	29								3	
	4	3	5	6						4	
	5	8	8	5							
	Total		81/82⁺	13	14			3			25
Economics	1	12						3		28	
	2	6	3	3						9	
	3	3	9								
	4	4	15	6							
	5	8	12	5							
	Total		33	39	14			3			37

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For Year 1 Students Admitted in 2011-2012 (cont'd)**

Programme	Year of Study	Number of Academic Units (AUs)										
		Major Requirements		General Education Requirement (GER)								
				GER Core	GER Prescribed Electives					UE	Total	
		Core	Major PE		AHSS	STS	BM	LS	Any Category (AHSS, STS, BM, LS)			
Double Degree in Materials Engineering and Economics (IO – Default attachment@)	1	33/34 ⁺		2								35/36 ⁺
	2	28	9									37
	3	24	12	2								38
	4	16	16	6								38
	5	8	14	2					3			27
	Total	109/110⁺	51	12	3					0	175/176⁺	
Individual Degree Requirements												
Materials Engineering (IO Option)	1	24/25 ⁺		2							9	
	2	19									9	
	3	21		2							3	
	4	12	6	6							4	
	5	8	6	2					3			
	Total	84/85⁺	12	12	3					25	136/137⁺	
Economics	1	9		2							24	
	2	9	9								15	
	3	3	12	2								
	4	4	10	6								
	5	8	8	2					3			
	Total	33	39	12	3					39	126	

Double Degree in Mechanical Engineering and Economics (Mainstream with IO as default attachment@)	1	31/32 ⁺		2								33/34 ⁺
	2	37	3	4								44
	3	22	9	6								37
	4	11	18						3			32
	5	8	21									29
	Total	109/110⁺	51	12	3					0	175/176⁺	
Individual Degree Requirements												
Mechanical Engineering (Mainstream with IO Option)	1	19/20 ⁺		2							12	
	2	31		4							6	
	3	19		6							3	
	4	7	6								4	
	5	8	6						3			
	Total	84/85⁺	12	12	3					25	136/137⁺	
Economics	1	12		2							19/20 ⁺	
	2	6	3	4							20	
	3	3	9	6								
	4	4	12									
	5	8	15						3			
	Total	33	39	12	3					39	126	

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For Year 1 Students Admitted in 2011-2012 (cont'd)**

Programme	Year of Study	Number of Academic Units (AUs)									
		Major Requirements		General Education Requirement (GER)						UE	Total
				GER Core	GER Prescribed Electives				Any Category (AHSS, STS, BM, LS)		
		Core	Major PE		AHSS	STS	BM	LS			
Double Degree in Mechanical Engineering and Economics (Design/Mechatronics stream with IO as default attachment@)	1	34/35 ⁺		2							36/37 ⁺
	2	34	3			6					43
	3	22	6	8							36
	4	11	21	2							34
	5	8	21								29
	Total	109/110⁺	51	12	6				0	178/179⁺	
Individual Degree Requirements											
Mechanical Engineering (Design/Mechatronics stream with IO Option)	1	22/23 ⁺		2						12	
	2	28				6				6	
	3	19		8						3	
	4	7	6	2						4	
	5	8	6								
	Total	84/85⁺	12	12	6				25	139/140⁺	
Economics Renaissance Engineering Programme (UG)	1	12		2						19/20 ⁺	
	2	6	3			6				17	
	3	3	6	8							
	4	4	15	2							
	5	8	15								
	Total	33	39	12	6				36	126	

Integrated Programme

Programme	Number of Academic Units (AUs)						
	Major Requirements		General Education Requirement (GER)				Total
			GER Core	GER Prescribed Electives		UE	
	Core	Major PE		AHSS	BM		
Renaissance Engineering Programme (UG)	53	45	2	6	18	9	133

Note:
UG – Undergraduate Component

Description

- © Refer to School's website for AU requirement of other attachment options.
- # For Polytechnic graduates with Mechanical Engineering diplomas.
- * For Polytechnic graduates with non-Mechanical Engineering diplomas.
- + For students without 'A' Level Physics and who need to read FE1012 Physics A (4 AUs).

EEE

- [^] For students who are in the Electrical & Systems Engineering and Electronic Engineering option groups.

Description of Abbreviation

- AHSS - Arts, Humanities & Social Sciences
- STS - Science, Technology & Society
- BM - Business & Management
- LS - Liberal Studies