

**A Summary of
Academic Unit Requirements for Degree Programme at NTU
For Year 1 Students Admitted in 2012-2013**

Degree Programmes:

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

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
	3	20			3						9
	Total	70	N/A	12	9					12	103
Art, Design & Media	1	27		6	3						
	2	15		6		3	3				9
	3	16	3					3		3	6
	4	12	6								9
	Total	70	9	12	15					24	130
Aerospace Engineering (IO – Default attachment®)	1	16/17*		2	3	3		3			6
	2	28		2					3		9
	3	27		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							6
	3	20			3	3					6
	Total	73	N/A	12	9					12	106
• Banking & Finance	1	27		5							
	2	23	4	7				3			
	3	12	8		3	3					8
	Total	62	12	12	9					8	103
• Human Resource Consulting	1	27		5							
	2	11	16	7				3			3
	3	8	8		3	3					9
	Total	46	24	12	9					12	103
• Information Technology	1	27		5							
	2	19	8	7				3			3
	3	8	8		3	3					9
	Total	54	16	12	9					12	103

Description

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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)							Total
		Core	Major PE	GER Core	GER Prescribed Electives					UE	
					AHSS	STS	BM	LS	Any Category (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	27/28 ⁺		7	3		3				40/41 ⁺
	2	28	3						3	3	37
	3	21	3				3			3	30
	4	15	3	5		3				5	31
	Total	91/92⁺	9	12	15					11	138/139⁺
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	29		2	3		3			3	40
	2	31		2					3	6	42
	3	20		5			3				28
	4	11	9	3		3				2	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		3		9	36
	3	6	6	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		9						9	30
	2	3	12	3	3	3				12	36
	3	16	8				3	3		3	33
	4	16	4						3	6	29
	Total	47	24	12	15					30	128

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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)		
Computer Engineering	1	23		5		3		3	3		
	2	21		5						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	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	20		2							22
	2	21									21
	3	14	6								20
	4	4	8	5							17
	5	4	5	3			3				15
Total	63	19	10	3					0	95	
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⁺
History	1	15	6	6	3					9	39
	2	6	12	3		3		3		9	36
	3		14	3			3			9	29
	4		16						3	3	22
	Total	21	48	12	15					30	126
Information Engineering & Media (IO – Default attachment@)	1	28/29 ⁺		3		3					34/35 ⁺
	2	27		3	3						36
	3	18		3			3		3	12	36
	4	8	13	5			3			3	32
	Total	81/82⁺	13	14	15					15	138/139⁺

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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)			
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		3	34
	2	17		2		3		3			6	31
	3	22		5	3						3	33
	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	37
	4	25	9						3		3	40
	Total	109	9	12	12					6	148	
Materials Engineering (IO – Default attachment [®])	1	24		2	3		3				3	35
	2	23		3		3		3			6	38
	3	26	3	5					3		3	40
	4	11	9	2							3	25
	Total	84	12	12	15					15	138	
Mathematics & Economics	1	29		3		3						35
	2	24		6				3				33
	3	17	12	3			3					35
	4		23								6	29
	Total	70	35	12	9					6	132	
Mathematical Sciences – Applied Mathematics	1	27		3	3							33
	2	21		6		3					3	33
	3	11	7	3			3				9	33
	4		18					3	3		9	33
	Total	59	25	12	15					21	132	
Mathematical Sciences – Business Analytics	1	27		3	3							33
	2	17		6		3					3	29
	3	15	7	3			3				9	37
	4		18		3			3			9	33
	Total	59	25	12	15					21	132	
Mathematical Sciences – Pure Mathematics	1	27		3	3							33
	2	21		6		3					3	33
	3	11	7	3			3				9	33
	4		18					3	3		9	33
	Total	59	25	12	15					21	132	
Mathematical Sciences – Statistics	1	27		3	3							33
	2	25		6		3						34
	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)							UE	Total
		Core	Major PE	GER Core	GER Prescribed Electives							
					AHSS	STS	BM	LS	Any Category (AHSS, STS, BM, LS)			
Mechanical Engineering (Mainstream) (IO – Default attachment@)	1	19/20+		2	3			3			6	33/34+
	2	31		2		3				6	42	
	3	19		6			3		3	3	34	
	4	15	12	2							29	
	Total	84/85+	12	12	15					15	138/139+	
Mechanical Engineering (Design / Mechatronics stream) (IO – Default attachment@)	1	19/20+		2	3			3			6	33/34+
	2	34		2							36	
	3	19	6	6			3			3	37	
	4	12	6	2		3			3	6	32	
	Total	84/85+	12	12	15					15	138/139+	
Mechanical Engineering (Part-time)	1	16		2			3				21	
	2	22									22	
	3	19									19	
	4	7	6	8							21	
	5	8	6								14	
Total	72	12	10	3					0	97		
Physics & Applied Physics – Physics	1	30		3							33	
	2	23		6	3						32	
	3	10	7	3		3	3			8	34	
	4	20	20				3		3	7	33	
	Total	63	27	12	15					15	132	
Physics & Applied Physics – Applied Physics	1	30		3							33	
	2	25		6	3						34	
	3	8	7	3		3	3			8	32	
	4	20	20				3		3	7	33	
	Total	63	27	12	15					15	132	
Physics with second major in Mathematical Sciences – Applied Mathematics	1	43		3							46	
	2	41		6							47	
	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	43		3							46	
	2	41		6							47	
	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 – Statistics	1	43		3							46	
	2	45		6							51	
	3	17	14	3	3	3					40	
	4	30	30				3	3	3		39	
	Total	105	44	12	15					0	176	
Psychology	1	15		6	3					9	33	
	2	12	6	3		3				9	36	
	3	16	16	3			3			9	31	
	4	8	12						3	3	26	
	Total	35	34	12	15					30	126	

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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)			
Sociology	1	12	6	6	3							6
	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								33
	2	21	3	3	3	3					3	36
	3	3	18				3	3	3		6	36
	4	16								6	22	
	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)							Total	
				GER Core	GER Prescribed Electives					UE		
		Core	Major PE		AHSS	STS	BM	LS	Any Category (AHSS, STS, BM, LS)			
Aerospace Engineering (IO – Default attachment@)	1	30	6	2				3				
	2	35		2		3					2	42
	3	29		3								32
	4	19	6	5								30
	Total	113	12	12	6					2	145	
Biological Sciences	1	33	6									39
	2	23	9	3				3				38
	3		24	6			3					33
	4		21		3							24
	Total	56	60	9	9					0	134	
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	31	6	2	3							42
	2	40		2			3			3		48
	3	24		5								29
	4	10	9	3		3		3				28
	Total	105	15	12	15					0	147	

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Programme	Year of Study	Number of Academic Units (AUs)									Total
		Major Requirements		General Education Requirement (GER)						UE	
				GER Core	GER Prescribed Electives				Any Category (AHSS, STS, BM, LS)		
		Core	Major PE		AHSS	STS	BM	LS			
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			34
	4	8	13	5			3		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	34	6								40
	2	30		2	3						35
	3	26		5			3	3			37
	4	11	12	5							28
	Total	101	18	12	9				0	140	
Mechanical Engineering (Mainstream) (IO – Default attachment@)	1	33	6	2							41
	2	39		2							41
	3	19		6			3	3			31
	4	15	12	2							29
	Total	106	18	12	6				0	142	
Mechanical Engineering (Design / Mechatronics) (IO – Default attachment@)	1	33	6	2							41
	2	42		2							44
	3	19		6			3	3			31
	4	12	12	2							26
	Total	106	18	12	6				0	142	
Chemistry and Biological Chemistry	1	23		3	3					7	36
	2	18		6		3				8	35
	3	18	9	3			3				33
	4		16					3	3	6	28
	Total	59	25	12	15				21	132	

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				GER Core	GER Prescribed Electives							
		Core	Major PE		AHSS	STS	BM	LS	Any Category (AHSS, STS, BM, LS)			
Mathematics & Economics	1	17		3							6	26
	2	29		6								35
	3	13	16	3		3					3	38
	4		27				3	3				33
	Total	59	43	12	9					9	132	
Mathematics Sciences	1	15		3							17	35
	2	28		6								34
	3	8	16	3	3	3					4	37
	4		17				3	3	3			26
	Total	51	33	12	15					21	132	
Physics & Applied Physics (Physics)	1	26		3								29
	2	27		6	3						8	44
	3	13		3		3						22
	4		27				3		3		4	37
	Total	66	27	12	15					12	132	
Physics & Applied Physics (Applied Physics)	1	26		3								29
	2	29		6	3						8	46
	3	11		3		3						20
	4		27				3		3		4	37
	Total	66	27	12	15					12	132	
Physics with second major in Mathematical Sciences	1	33		3	3							39
	2	45		6		3						54
	3	21		3			3					27
	4		52				3		3			58
	Total	99	52	12	15					0	178	

Double Degree

Programme	Year of Study	Number of Academic Units (AUs)										
		Major Requirements		General Education Requirement (GER)							UE	Total
				GER Core	GER Prescribed Electives							
		Core	Major PE		AHSS	STS	BM	LS	Any Category (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	4	7								
	3	28			3	3			3			
	4	12	8								12	
	Total	94	12	12	9					12	139	

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		Major Requirements		General Education Requirement (GER)						UE	
				GER Core	GER Prescribed Electives				Any Category (AHSS, STS, BM, LS)		
		Core	Major PE		AHSS	STS	BM	LS			
• 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			
	4	16								12	
	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				3			
	2	27		7							
	3	16			3	3				12	
	4										
	Total	70	N/A	12	9				12	103	
Business											
• Actuarial Science	1	27		5				3			
	2	26		7						6	
	3	20			3	3				6	
	4										
	Total	73	N/A	12	9				12	106	
• Banking & Finance	1	27		5				3			
	2	19	4	7							
	3	12			3	3					
	4		8							12	
	Total	58	12	12	9				12	103	
• Human Resource Consulting	1	27		5							
	2	11	12	7				3		3	
	3	8	4		3	3				9	
	4		8								
	Total	46	24	12	9				12	103	
• Information Technology	1	27		5							
	2	15	4	7				3		3	
	3	8	8		3	3				9	
	4		8								
	Total	50	20	12	9				12	103	

Description

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

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AHSS - Arts, Humanities & Social Sciences

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**A Summary of
Academic Unit Requirements for Degree Programme at NTU
For Year 1 Students Admitted in 2012-2013 (cont'd)**

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				Any Category (AHSS, STS, BM, LS)			
AHSS	STS				BM	LS						
• Marketing	1	27		5								
	2	23	4	7				3			3	
	3	12	4		3	3					9	
	4											
	Total	62	8	12	9					12	103	
• Tourism & Hospitality Management	1	27		5								
	2	27		7				3			3	
	3	16			3	3					9	
	4											
	Total	70	N/A	12	9					12	103	

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				Any Category (AHSS, STS, BM, LS)			
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	4	4				3				
	3	28		3	3	3						
	4	16	8								12	
	Total	94	12	12	9					12	139	
• Human Resource Consulting	1	27		5								
	2	19	12	4				3			6	
	3	20	4	3	3	3					6	
	4	16	8									
	Total	82	24	12	9					12	139	
• Information Technology	1	27		5								
	2	23	4	4				3			3	
	3	20	8	3	3	3					3	
	4	16	8								6	
	Total	86	20	12	9					12	139	
• Marketing	1	27		5								
	2	31		4				3				
	3	20	8	3	3	3					3	
	4	20									9	
	Total	98	8	12	9					12	139	

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For Year 1 Students Admitted in 2012-2013 (cont'd)**

Programme	Year of Study	Number of Academic Units (AUs)									
		Major Requirements		General Education Requirement (GER)							Total
		Core	Major PE	GER Core	GER Prescribed Electives					UE	
					AHSS	STS	BM	LS	Any Category (AHSS, STS, BM, LS)		
• Tourism & Hospitality Management	1	27		5							
	2	31		4							
	3	28		3	3	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	
	3	20			3					9	
	4										
	Total	70	N/A	12	9					12	103
Business											
• Actuarial Science	1	27		5				3			
	2	26		7						6	
	3	20			3	3				6	
	4										
	Total	73	N/A	12	9					12	106
• Banking & Finance	1	27		5							
	2	19	4	7				3			
	3	12			3	3					
	4		8							12	
	Total	58	12	12	9					12	103
• Human Resource Consulting	1	27		5							
	2	11	16	7				3		3	
	3	8	8		3	3				9	
	4										
	Total	46	24	12	9					12	103
• Information Technology	1	27		5							
	2	15	4	7				3		3	
	3	8	8		3	3				9	
	4		8								
	Total	50	20	12	9					12	103
• Marketing	1	27		5							
	2	23	4	7				3		3	
	3	12	4		3	3				9	
	4										
	Total	62	8	12	9					12	103
• Tourism & Hospitality Management	1	27		5							
	2	27		7				3		3	
	3	16			3	3				9	
	4										
	Total	70	N/A	12	9					12	103

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**A Summary of
Academic Unit Requirements for Degree Programme at NTU
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Programme	Year of Study	Number of Academic Units (AUs)									Total	
		Major Requirements		General Education Requirement (GER)						UE		
				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	
	2	34	3	2								
	3	27	9	3								
	4	18	12	5								
	5	8	21									
	Total		115/116*	45	12			3				2
Individual Degree Requirements												
Aerospace Engineering (IO – default attachment@)	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							18/19+	
	2	6	3	2		3					20/21+	
	3	3	9	3								
	4	4	12	5								
	5	8	15									
	Total		33	39	12			3				39

Programme	Year of Study	Number of Academic Units (AUs)									Total	
		Major Requirements		General Education Requirement (GER)						UE		
				GER Core	GER Prescribed Electives				Any Category (AHSS, STS, BM, LS)			
		Core	Major PE		AHSS	STS	BM	LS				
Double Degree in Business and Computer Engineering	1	37		5							3	42
	2	29	4	6								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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**A Summary of
Academic Unit Requirements for Degree Programme at NTU
For Year 1 Students Admitted in 2012-2013 (cont'd)**

Programme	Year of Study	Number of Academic Units (AUs)										
		Major Requirements		General Education Requirement (GER)							UE	Total
				GER Core	GER Prescribed Electives							
		Core	Major PE		AHSS	STS	BM	LS	Any Category (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	45									3	48
	3	39	6								3	48
	Inter-sem		12									12
	4 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
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Programme	Year of Study	Number of Academic Units (AUs)									Total
		Major Requirements		General Education Requirement (GER)						UE	
				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

Programme	Year of Study	Number of Academic Units (AUs)									Total
		Major Requirements		General Education Requirement (GER)						UE	
				GER Core	GER Prescribed Electives				Any Category (AHSS, STS, BM, LS)		
		Core	Major PE		AHSS	STS	BM	LS			
Double Degree in Civil Engineering and Economics (IO – default attachment®)	1	33/34+		5							38/39+
	2	35		2							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											
Civil Engineering (IO Option)	1	24/25+		5						9	
	2	26		2						9	
	3	22		2						7	
	4	7	9	3							
	5	8							3		
	Total		87/88+	9	12				3		25
Economics	1	12		7						24	
	2	6								15	
	3	7	9	2							
	4		6	3							
	5	8	24						3		
	Total		33	39	12				3		39

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**A Summary of
Academic Unit Requirements for Degree Programme at NTU
For Year 1 Students Admitted in 2012-2013 (cont'd)**

Programme	Year of Study	Number of Academic Units (AUs)									Total
		Major Requirements		General Education Requirement (GER)						UE	
				GER Core	GER Prescribed Electives						
		Core	Major PE		AHSS	STS	BM	LS	Any Category (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
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
Economics	1	12								23	
	2	9		2						16	
	3		6	5			3				
	4	12	6	5							
	5		27								
	Total		33	39	12			3			39

Programme	Year of Study	Number of Academic Units (AUs)									Total
		Major Requirements		General Education Requirement (GER)						UE	
				GER Core	GER Prescribed Electives						
		Core	Major PE		AHSS	STS	BM	LS	Any Category (AHSS, STS, BM, LS)		
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
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
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

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For Year 1 Students Admitted in 2012-2013 (cont'd)**

Programme	Year of Study	Number of Academic Units (AUs)									Total
		Major Requirements		General Education Requirement (GER)						UE	
				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	175/176⁺
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	136/137
Economics	1	12		7						24	
	2	6								15	
	3	7	9	2							
	4	6	6	3					3		
	5	8	24								
	Total		33	39	12			3		39	126

Programme	Year of Study	Number of Academic Units (AUs)									Total
		Major Requirements		General Education Requirement (GER)						UE	
				GER Core	GER Prescribed Electives				Any Category (AHSS, STS, BM, LS)		
		Core	Major PE		AHSS	STS	BM	LS			
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	3						30	
	5	8	20	5						33	
	Total		106/107⁺	52	14			0		0	172/173⁺
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	136/137⁺
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	126

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For Year 1 Students Admitted in 2012-2013 (cont'd)**

Programme	Year of Study	Number of Academic Units (AU)									Total
		Major Requirements		General Education Requirement (GER)						UE	
				GER Core	GER Prescribed Electives						
		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					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
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

Programme	Year of Study	Number of Academic Units (AUs)									Total
		Major Requirements		General Education Requirement (GER)						UE	
				GER Core	GER Prescribed Electives						
		Core	Major PE		AHSS	STS	BM	LS	Any Category (AHSS, STS, BM, LS)		
Double Degree in Mechanical Engineering and Economics (Mainstream) (IO – default attachment@)	1	31/32 ⁺		2							33/34 ⁺
	2	37		4						41	
	3	22	9	6						37	
	4	11	21						3	35	
	5	8	21							29	
	Total		109/110⁺	51	12	3					0
Individual Degree Requirements											
Mechanical Engineering (Mainstream) (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
Economics	1	12		2						19/20 ⁺	
	2	6		4						20	
	3	3	9	6							
	4	4	15								
	5	8	15						3		
	Total		33	39	12	3					39

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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							
		Core	Major PE		AHSS	STS	BM	LS	Any Category (AHSS, STS, BM, LS)			
Double Degree in Mechanical Engineering and Economics (Design / Mechatronics stream) (IO – default attachment@)	1	34/35+		2								36/37+
	2	37	3									43
	3	22	6	8								36
	4	8	21	2					3			34
	5	8	21									29
	Total	109/110+	51	12			3				0	175/176+
Individual Degree Requirements												
Mechanical Engineering (Design/Mechatronics stream) (IO Option)	1	22/23+		2							12	
	2	31									6	
	3	19		8							3	
	4	4	6	2					3		4	
	5	8	6									
	Total	84/85+	12	12			3				25	136/137+
Economics	1	12		2							19/20+	
	2	6	3								20	
	3	3	6	8								
	4	4	15	2					3			
	5	8	15									
	Total	33	39	12			3				39	126

Integrated Programme

Programme	Year of Study	Number of Academic Units (AUs)										
		Major Requirements		General Education Requirement (GER)							UE	Total
				GER Core	GER Prescribed Electives							
		Core	Major PE		AHSS	STS	BM	LS	Any Category (AHSS, STS, BM, LS)			
Biological Sciences (Direct MSc)	1	21		3	3	3		3			9	42
	2	15	12	6			3				3	42
	Inter-sem		30	3					3		3	3
	3		12									33
	Inter-sem											12
	4											
Total	36	54	12			15				15	132	
Renaissance Engineering Programme (UG)	Total	50	45	2	6		18			12	133	

Note:
UG – Undergraduate Component

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