

Summary of Academic Unit Requirements for Degree Programme at NTU For Year 1 Students Admitted in 2024-2025

Degree Programmes:

- Single Degree (Single Major) Programmes
- Single Degree with Second Major Programmes
- Single Degree (Double Major) Programmes
- Single Degree (CN Yang) Programmes
- Double Degree Programmes
- Integrated Programme
- University Scholars Programme (USP)
- Turing AI Scholars Programme (TAISP)

Single Degree (Single Major) Programmes

Programme	Year of Study	Number of Academic Units (AUs)					Total
		Major Requirements		Interdisciplinary Collaborative Core		Broadening & Deepening Electives	
		Core	Major PE	Common Core	Foundational Core		
Accountancy (Group A)	1	24		8	8		40
	2	23		9	5		37
	3	19				15	34
	Total	66	N/A	17	13	15	111
Accountancy (Group B)	1	24		8	8		40
	2	19		9	5	3	36
	3	23				12	35
	Total	66	N/A	17	13	15	111
Accountancy (Sustainability Management and Analytics) (ASA) Work-Study in Y3	1	18		8	8		34
	2	22		9	5		36
	3	33					33
	4	19	13				32
	Total	92	13	17	13	0	135
Accountancy (Sustainability Management and Analytics) (ASA) Work-Study in Y4	1	18		8	8		34
	2	22		9	5		36
	3	29	5				34
	4	23	8				31
	Total	92	13	17	13	0	135
Applied Computing in Finance	1	22		9	3		34
	2	25		8	5		38
	3	17		0	10		27
	4	8	15			13	36
	Total	72	15	17	18	13	135
Aerospace Engineering (PI@)	1	24/25 ⁺		9			33/34 ⁺
	2	29		8	3		40
	3	12			10	9	31
	4	20			2	9	31
	Total	85/86⁺	0	17	15	18	135/136⁺
Art, Design & Media (Design Art)	1	27		9	3		39
	2		18	8	3	6	35
	3		18		5	15	38
	4	12				6	18
	Total	39	36	17	11	27	130
Art, Design & Media (Media Art)	1	27		9	3		39
	2		18	8	3	6	35
	3		18		5	15	38
	4	12				6	18
	Total	39	36	17	11	27	130

Description

Ⓢ PI – Professional Internship, 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).

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Single Degree (Single Major) Programmes

Programme	Year of Study	Number of Academic Units (AUs)					Total
		Major Requirements		Interdisciplinary Common Core	Collaborative Core Foundational Core	Broadening & Deepening	
		Core	Major PE				
Business							
• Actuarial Science	1	22		8	8		38
	2	22		9	5		36
	3	22				15	37
	Total	66	0	17	13	15	111
• Banking & Finance	1	22		8	8		38
	2	13	9	9	5	0	36
	3	3	9			18	30
	Total	38	18	17	13	18	104
• International Trading	1	22		8	8		38
	2	14		9	5	7	35
	3	14				15	29
	Total	50	0	17	13	22	102
• Business Analytics	1	22		8	8		38
	2	21	3	9	5		38
	3	3	6			18	27
	Total	46	9	17	13	18	103
• Human Resource Consulting	1	22		8	8		38
	2	9	12	9	5		35
	3	3	9			18	30
	Total	34	21	17	13	18	103
• Marketing	1	22		8	8		38
	2	21		9	5		35
	3	3	9			18	30
	Total	46	9	17	13	18	103
• Risk Analytics	1	22		8	8		38
	2	21		9	5		35
	3	9	3			18	30
	Total	52	3	17	13	18	103
Bioengineering (PI [®])	1	21/22 ⁺		9		9	39/40 ⁺
	2	26		8	3		37
	3	13			12	6	31
	4	17	6			6	29
	Total	77/78⁺	6	17	15	21	136/137⁺
Bioengineering (PI [®]) (Accelerated)	1	21/22 ⁺		9		9	39/40 ⁺
	2	26		8	3		37
	3	27	3		7	6	43
	4	3	3			11	17
	Total	77/78⁺	6	17	10	26	136/137⁺
Biological Sciences	1	27		7		3	37
	2	12	6	10	5	3	36
	3		6		10	12	28
	4		21			9	30
	Total	39	33	17	15	27	131
Biological Sciences (Accelerated)	1	27		7		6	40
	2	12	6	10	5	12	45
	3		12		10	9	31
	4		15				15
	Total	39	33	17	15	27	131

Description

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Single Degree (Single Major) Programmes

Programme	Year of Study	Number of Academic Units (AUs)					Total
		Major Requirements		Interdisciplinary Common Core	Collaborative Core Foundational Core	Broadening & Deepening	
		Core	Major PE				
Chinese Medicine	1	25		9	4	3	41
	2	24		8	11		43
	3	41				3	44
	4	22				9	31
	Total	112	0	17	15	15	159
Chemical & Biomolecular Engineering (PI [®])	1	24/25 ⁺		9		6	39/40 ⁺
	2	28		8	3		39
	3	17			12		29
	4	8	6			15	29
	Total	77/78⁺	6	17	15	21	136/137⁺
Chemical & Biomolecular Engineering (PI [®]) (Accelerated)	1	24/25 ⁺		9		6	39/40 ⁺
	2	28		8	3		39
	3	25	3		7	9	44
	4		3			11	14
	Total	77/78⁺	6	17	10	26	136/137⁺
Chemistry & Biological Chemistry	1	17/18 ⁺		9		3	29/30 ⁺
	2	21		8	3	6	38
	3	18			2	17	37
	4		12		10	6	28
	Total	56/57⁺	12	17	15	32	132/133⁺
Chemistry & Biological Chemistry (Co-operative Education)	1	17/18 ⁺		9		3	29/30 ⁺
	2	21		8	3	6	38
	3	18			7	9	34
	4		22			9	31
	Total	56/57⁺	22	17	10	27	132/133⁺
Chinese	1	15	3	9	3	3	33
	2	9	9	8	2	6	34
	3		17			18	35
	4		16		5	5	26
	Total	24	45	17	10	32	128
Civil Engineering (PI [®])	1	28/29 ⁺		9			37/38 ⁺
	2	24		8	3		35
	3	11			12	6	29
	4	17	3			15	35
	Total	80/81⁺	3	17	15	21	136/137⁺
Communication Studies	1	12	3	12	6		33
	2		14	5		13	32
	3		12		11	8	31
	4	8	12			11	31
	Total	20	41	17	17	32	127
Computer Engineering (PI [®])	1	25		9	3		37
	2	27		8		3	38
	3	10			12	6	28
	4	8	12			12	32
	Total	70	12	17	15	21	135
Computer Science (PI [®])	1	25		9	3		37
	2	21	3	8		6	38
	3	4	9		12	3	28
	4	8	12			12	32
	Total	58	24	17	15	21	135

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		Major Requirements		Interdisciplinary Common Core	Collaborative Core Foundational Core	Broadening & Deepening	
		Core	Major PE				
Computing (Part Time)	1	24					24
	2	12	12				24
	3	3+5 (OJT)	21			3	32
	4	6+20 (OJT)				6	32
	Total	45+25 (OJT)	33			9	112
Data Science and Artificial Intelligence	1	19		9	3	3	34
	2	27		8		3	38
	3	6	6		12	3	27
	4	8	12			12	32
	Total	60	18	17	15	21	131
Economics	1	15	3	9		6	33
	2	12	6	8	5	3	34
	3		15		5	15	35
	4		17			6	23
	Total	27	41	17	10	30	125
Economics and Data Sciences	1	25		9	3		37
	2	25	3	8	7		43
	3	7	26		5	3	41
	4		16			3	19
	Total	57	45	17	15	6	140
Electrical and Electronic Engineering (PI [®])	1	19/20 ⁺		9	3	3	34/35 ⁺
	2	29		8		3	40
	3	6	6		12	6	30
	4	8	15			9	32
	Total	62/63⁺	21	17	15	21	136/137⁺
Artificial Intelligence (AI) & Society	1	18	0	9	3	3	33
	2	18	0	8	2	6	34
	3	10	6	0	10	3	29
	4	11	18	0	0	6	35
	Total	57	24	17	15	18	131
Electrical and Electronic Engineering (Part-Time)	1	22		5			27
	2	20		4	3		27
	3	10	9	6	2		27
	4	4	12				16
	Total	56	21	15	5	0	97
English	1	15		9	3	6	33
	2	3	15	8	2	6	34
	3		16			17	33
	4		20		5		25
	Total	18	51	17	10	29	125
Environmental Earth Systems Science (Ecology)	1	25	4	9			38
	2	23	3	8			34
	3	11	10		5	7	33
	4	7	4		5	14	30
	Total	66	21	17	10	21	135

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		Major Requirements		Interdisciplinary Common Core	Collaborative Core Foundational Core	Broadening & Deepening	
		Core	Major PE				
Environmental Earth Systems Science (Geosciences)	1	18	11	9			38
	2	20	8	8			36
	3	12	3		5	12	32
	4	5	7		5	12	29
	Total	55	29	17	10	24	135
Environmental Earth Systems Science (Society and the Earth System)	1	21	10	9			40
	2	26	6	8			40
	3	12	7		5	8	32
	4		4		5	14	23
	Total	59	27	17	10	22	135
Environmental Engineering (PI [®])	1	26/27 ⁺		9			35/36 ⁺
	2	23		8	3	6	40
	3	12			12	6	30
	4	19	3			9	31
	Total	80/81⁺	3	17	15	21	136/137⁺
History	1	6	9	9	3	6	33
	2	3	15	8	2	6	34
	3	3	13			17	33
	4		20		5		25
	Total	12	57	17	10	29	125
Information Engineering & Media (PI [®])	1	26/27 ⁺		9		3	38/39 ⁺
	2	23		8	3	6	40
	3	3	9		12	3	27
	4	11	15			6	32
	Total	63/64⁺	24	17	15	18	137/138⁺
Linguistics & Multilingual Studies	1	15	3	9	3	3	33
	2	6	12	8	2	6	34
	3		17			18	35
	4		16		5	5	26
	Total	21	48	17	10	32	128
Maritime Studies (PI)	1	28		9		3	40
	2	23		8	5	3	39
	3	12	3		10		25
	4	11	6			15	32
	Total	74	9	17	15	21	136
Materials Engineering (PI [®])	1	25/26 ⁺		9		3	37/38 ⁺
	2	20		8	3	9	40
	3	15			12	3	30
	4	15	11			3	29
	Total	75/76⁺	11	17	15	18	136/137⁺
Mathematical Sciences	1	29		9			38
	2	20		8	3	9	40
	3	4	18		7	6	35
	4		13			3	16
	Total	53	31	17	10	18	129
Mathematical Sciences – (WSDeg)	1	29		9			38
	2	20		8	8	5	41
	3	4	11		2	15	32
	4		15			3	18
	Total	53	26	17	10	23	129
Mechanical Engineering (PI [®])	1	24/25 ⁺		9			33/34 ⁺
	2	27		8	3		38
	3	16			10	6	32
	4	12	6		2	12	32
	Total	79/80⁺	6	17	15	18	135/136⁺

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Single Degree (Single Major) Programmes

Programme	Year of Study	Number of Academic Units (AUs)					Total
		Major Requirements		Interdisciplinary Common Core	Collaborative Core Foundational Core	Broadening & Deepening	
		Core	Major PE				
Mechanical Engineering (Part-Time)	1	20		3			23
	2	21		4			25
	3	20		2	5		27
	4	11	6	6		0	23
	Total	72	6	15	5	0	98
Philosophy	1	13		9	3	9	34
	2	9	9	8	2	6	34
	3		20			15	35
	4		15		5	5	25
	Total	22	44	17	10	35	128
Philosophy, Politics and Economics	1	30		6			36
	2	15	3	11	2	3	34
	3	0	15		8	9	32
	4	12	16			4	32
	Total	57	34	17	10	16	134
Physics & Applied Physics – Pure Physics	1	24		9		0	33
	2	24		8	3	3	38
	3	13			7	15	35
	4		13			12	25
	Total	61	13	17	10	30	131
Physics & Applied Physics – Pure Physics (WSDeg)	1	24		9		3	36
	2	24		8	8	3	43
	3	13			2	18	33
	4		13			6	19
	Total	61	13	17	10	30	131
Physics & Applied Physics – Applied Physics	1	24		9		0	33
	2	23		8	3	3	37
	3	13			7	15	35
	4		13			12	25
	Total	60	13	17	10	30	130
Physics & Applied Physics – Applied Physics (WSDeg)	1	24		9		3	36
	2	23		8	8	3	42
	3	13			2	18	33
	4		13			6	19
	Total	60	13	17	10	30	130
Psychology	1	15		9		6	30
	2	12	6	8	5	3	34
	3		16		5	14	35
	4		20			9	29
	Total	27	42	17	10	32	128
Public Policy and Global Affairs	1	15	3	9			27
	2		12	8	5	9	34
	3		18		5	15	38
	4		12			14	26
	Total	15	45	17	10	38	125
Sociology	1	6	9	9		6	30
	2	6	9	8	5	6	34
	3	7	16		5	9	37
	4		16			8	24
	Total	19	50	17	10	29	125

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Single Degree with Second Major Programmes

Programme	Year of Study	Number of Academic Units (AUs)					Total
		Major Requirements		Interdisciplinary Collaborative Core		Broadening & Deepening Electives	
		Core	Major PE	Common Core	Foundational Core		
Accountancy with Second major in Entrepreneurship (Group B)	1	24		8	8	6	46
	2	19		9	5	6	39
	3	23				18	41
	Total	66	N/A	17	13	30	126
Accountancy with Second major in Sustainability (Group B)	1	24		8	8	6	46
	2	19		9	5	6	39
	3	23				18	41
	Total	66	N/A	17	13	30	126
Aerospace Engineering with Second Major in Business (PI [Ⓢ])	1	24/25 ⁺		9		6	39/40 ⁺
	2	29		8	3	6	46
	3	18			10	6	34
	4	14			2	12	28
	Total	85/86⁺	0	17	15	30	147/148⁺
Aerospace Engineering with Second Major in Business (International Trading) (PI [Ⓢ])	1	24/25 ⁺		9		6	39/40 ⁺
	2	26		8	3	9	46
	3	15			10	7	32
	4	20			2	9	31
	Total	85/86⁺	0	17	15	31	148/149⁺
Aerospace Engineering with Second Major in Entrepreneurship (PI [Ⓢ])	1	24/25 ⁺		9		6	39/40 ⁺
	2	29		8	3	6	46
	3	18			10	3	31
	4	14			2	10	26
	Total	85/86⁺	0	17	15	25	142/143⁺
Aerospace Engineering with Second Major in Data Analytics (PI [Ⓢ]) [^]	1	24/25 ⁺ [3]		9	3	3	39/40 ⁺ [3]
	2	29 [3]		8		3	40 [3]
	3	18			10	3	31
	4	14			2	15	31
	Total	85/86⁺ [6]	0	17	15	24	141/142⁺ [6]
Aerospace Engineering with Second Major in Sustainability (PI [Ⓢ]) [^]	1	24/25 ⁺ [2]		9			33/34 ⁺ [2]
	2	29		8	3	6	46
	3	15			10	6	31
	4	17			2	16	35
	Total	85/86⁺ [2]	0	17	15	28	145/146⁺ [2]
Art, Design & Media (Design Art) with Second Major [^]	1	27		9	3		39
	2		18 [3]	8	3	9	38 [3]
	3		18		5	18	41
	4	12				9	21
	Total	39	36 [3]	17	11	36	139 [3]
Art, Design & Media (Media Art) with Second Major [^]	1	27		9	3		39
	2		18 [3]	8	3	9	38 [3]
	3		18		5	18	41
	4	12				9	21
	Total	39	36 [3]	17	11	36	139 [3]
Business with Second major in Entrepreneurship (Actuarial Science)	1	22		8	8	6	44
	2	22		9	5	6	42
	3	22				18	40
	Total	66	0	17	13	30	126
Business with Second major in Entrepreneurship (Banking & Finance)	1	22		8	8	6	44
	2	13	9	9	5	6	42
	3	3	9			18	30
	Total	38	18	17	13	30	116

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		Major Requirements		Interdisciplinary Collaborative Core		Broadening & Deepening Electives	
		Core	Major PE	Common Core	Foundational Core		
Business with Second major in Entrepreneurship (Business Analytics)	1	22		8	8	6	44
	2	21	3	9	5	6	44
	3	3	6			18	27
	Total	46	9	17	13	30	115
Business with Second major in Entrepreneurship (Human Resource Consulting)	1	22		8	8	6	44
	2	9	12	9	5	6	41
	3	3	9			18	30
	Total	34	21	17	13	30	115
Business with Second major in Entrepreneurship (Marketing)	1	22		8	8	6	44
	2	21		9	5	6	41
	3	3	9			18	30
	Total	46	9	17	13	30	115
Business with Second major in Entrepreneurship (Risk Analytics)	1	22		8	8	6	44
	2	21		9	5	6	41
	3	9	3			18	30
	Total	52	3	17	13	30	115
Business with Second major in Sustainability (Actuarial Science) ^A	1	22 [3]		8	8	6	44 [3]
	2	22		9	5	6	42
	3	22				18	40
	Total	66 [3]	0	17	13	30	126 [3]
Business with Second major in Sustainability (Banking & Finance) ^A	1	22 [3]		8	8	6	44 [3]
	2	13	9 [3]	9	5	6	42 [3]
	3	3	9			18	30
	Total	38 [3]	18 [3]	17	13	30	116 [6]
Business with Second major in Sustainability (Business Analytics) ^A	1	22 [3]		8	8	6	44 [3]
	2	21	3	9	5	6	44
	3	3	6			18	27
	Total	46 [3]	9	17	13	30	115 [3]
Business with Second major in Sustainability (Human Resource Consulting) ^A	1	22 [3]		8	8	6	44 [3]
	2	9	12	9	5	6	41
	3	3	9			18	30
	Total	34 [3]	21	17	13	30	115 [3]
Business with Second major in Sustainability (Marketing) ^A	1	22 [3]		8	8	6	44 [3]
	2	21		9	5	6	41
	3	3	9 [3]			18	30 [3]
	Total	46 [3]	9 [3]	17	13	30	115 [6]
Business with Second major in Sustainability (Risk Analytics) ^A	1	22 [3]		8	8	6	44 [3]
	2	21		9	5	6	41
	3	9	3			18	30
	Total	52 [3]	3	17	13	30	115 [3]
Bioengineering with Second Major in Business (PI [®])	1	21/22 ⁺		9		6	36/37 ⁺
	2	26		8	3	6	43
	3	13			12	6	31
	4	17	6			12	35
	Total	77/78⁺	6	17	15	30	145/146⁺

Description

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Single Degree with Second Major Programmes

Programme	Year of Study	Number of Academic Units (AUs)					Total
		Major Requirements		Interdisciplinary Collaborative Core		Broadening & Deepening Electives	
		Core	Major PE	Common Core	Foundational Core		
Bioengineering with Second Major in Business (International Trading) (PI@)	1	21/22 ⁺		9		6	36/37 ⁺
	2	26		8	3	11	48
	3	13			12	6	31
	4	17	6			8	31
	Total	77/78⁺	6	17	15	31	146/147⁺
Bioengineering with Second Major in Data Analytics (PI@) [^]	1	21/22 ⁺ [4]		9			30/31 ⁺ [4]
	2	26 [6]		8	3		40 [6]
	3	13			12	6	31
	4	17	6			16	36
	Total	77/78⁺ [10]	6	17	15	22	137/138⁺ [10]
Bioengineering with Second Major in Entrepreneurship (PI@) [^]	1	21/22 ⁺		9		6	36/37 ⁺
	2	26		8	3	6	43
	3	13	3		12 [5]	3	31 [5]
	4	17	3			10	30
	Total	77/78⁺	6	17	15 [5]	25	140/141⁺ [5]
Bioengineering with Second Major in Food Science and Technology (PI@) [^]	1	21/22 ⁺		9			30/31 ⁺
	2	26		8	3	8	45
	3	13			12	8	33
	4	17	6 [6]			8	31 [6]
	Total	77/78⁺	6 [6]	17	15	24	139/140⁺ [6]
Bioengineering with Second Major in Pharmaceutical Engineering (PI@) [^]	1	21/22 ⁺		9		3	33/34 ⁺
	2	26		8	3	6	43
	3	13			12	6	31
	4	17	6 [6]			9	32 [6]
	Total	77/78⁺	6 [6]	17	15	24	139/140⁺ [6]
Bioengineering with Second Major in Sustainability (PI@) [^]	1	21/22 ⁺ [2]		9		6	36/37 ⁺ [2]
	2	26		8	3	6	43
	3	13			12	3	28
	4	17	6			13	36
	Total	77/78⁺ [2]	6	17	15	28	143/144⁺ [2]
Biological Sciences with Second Major in Biomedical Structural Biology [^]	1	27		9		2	38
	2	12 [6]	6 [6]	8	5	6	37 [12]
	3		3		10	13	26
	4		24			6	30
	Total	39 [6]	33 [6]	17	15	27	131 [12]
Biological Sciences with Second Major in Data Analytics [^]	1	27 [3]		7		4	38 [3]
	2	12		10	5	10	37
	3		9		10	6	25
	4		24 [6]			12	36 [6]
	Total	39 [3]	33 [6]	17	15	32	136 [9]
Biological Sciences with Second Major in Food Science and Technology	1	27		7		3	37
	2	12	3	10	5	8	38
	3		9		10	8	27
	4		21			14	35
	Total	39	33	17	15	33	137
Biological Sciences with Second Major in Medicinal Chemistry and Pharmacology [^]	1	27		9		2	38
	2	12 [6]	3	8	5	6	34 [6]
	3		3		10	13	26
	4		27			6	33
	Total	39 [6]	33	17	15	27	131 [6]

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Single Degree with Second Major Programmes

Programme	Year of Study	Number of Academic Units (AUs)					
		Major Requirements		Interdisciplinary Collaborative Core		Broadening & Deepening Electives	Total
		Core	Major PE	Common Core	Foundational Core		
Biological Sciences with Second Major in Sustainability [^]	1	27	0	9	0	3	39
	2	12	6	8	5	6	37
	3	0	9	0	10	12	31
	4	0	18	0	0	6	24
	Total	39	33	17	15	27	131
Biological Sciences with Second Major in Entrepreneurship [^]	1	27	0	7	0	0	34
	2	12	6	10	5	6	39
	3	0	6	0	10	11	27
	4	0	21	0	0	10	31
	Total	39	33	17	15	27	131
Chemical & Biomolecular Engineering with Second Major in Business (PI [®])	1	24/25 ⁺		9		6	39/40 ⁺
	2	28		8	3	6	45
	3	17			12	6	35
	4	8	6			12	26
	Total	77/78⁺	6	17	15	30	145/146⁺
Chemical & Biomolecular Engineering with Second Major in Business (International Trading) (PI [@])	1	24/25 ⁺		9		6	39/40 ⁺
	2	28		8	3	11	50
	3	17			12	6	35
	4	8	6			8	22
	Total	77/78⁺	6	17	15	31	146/147⁺
Chemical & Biomolecular Engineering with Second Major in Data Analytics (PI [@]) [^]	1	24/25 ⁺ [4]		9			33/34 ⁺ [4]
	2	28 [6]		8	3		39 [6]
	3	17			12		29
	4	8	6			22	36
	Total	77/78⁺ [10]	6	17	15	22	137/138⁺ [10]
Chemical & Biomolecular Engineering with Second Major in Entrepreneurship (PI [@])	1	24/25 ⁺		9		6	39/40 ⁺
	2	28		8	3	6	45
	3	17			12 [5]		29 [5]
	4	8	6			13	27
	Total	77/78⁺	6	17	15 [5]	25	140/141⁺ [5]
Chemical & Biomolecular Engineering with Second Major in Food Science and Technology (PI [®]) [^]	1	24/25 ⁺		9			33/34 ⁺
	2	28		8	3	8	47
	3	17			12	5	34
	4	8	6 [6]			11	25 [6]
	Total	77/78⁺	6 [6]	17	15	24	139/140⁺ [6]
Chemical & Biomolecular Engineering with Second Major in Sustainability (PI [@]) [^]	1	24/25 ⁺ [2]		9		6	39/40 ⁺ [2]
	2	28		8	3	6	45
	3	17			12		29
	4	8	6			16	30
	Total	77/78⁺ [2]	6	17	15	28	143/144⁺ [2]
Chemistry & Biological Chemistry with Second Major in Business (International Trading)	1	17/18 ⁺		6		12	35/36 ⁺
	2	21		11	3	8	43
	3	18			2	14	34
	4		12		10	6	28
	Total	56/57⁺	12	17	15	40	140/141⁺

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Programme	Year of Study	Number of Academic Units (AUs)					
		Major Requirements		Interdisciplinary Collaborative Core		Broadening & Deepening Electives	Total
		Core	Major PE	Common Core	Foundational Core		
Chemistry & Biological Chemistry with Second Major in Environmental Science	1	17/18 ⁺		9		3	29/30 ⁺
	2	21		8	3	6	38
	3	18			2	24/25 [#]	44/45 [#]
	4		12		10	6	28
	Total	56/57⁺	12	17	15	39/40[#]	139/140[#]
Chemistry & Biological Chemistry with Second Major in Food Science and Technology [^]	1	17/18 ⁺		11		6	34/35 ⁺
	2	21		6	3	8	38
	3	18			2	19	39
	4		12 [3]		10	6	28 [3]
	Total	56/57⁺	12 [3]	17	15	39	139/140⁺ [3]
Chemistry & Biological Chemistry with Second Major in Data Analytics [^]	1	17/18 ⁺ [2]		9		6	32/33 ⁺ [2]
	2	21 [3]		8	3	6	38 [3]
	3	18			7	19	44
	4		22 [6]			6	28 [6]
	Total	56/57⁺ [5]	22 [6]	17	10	37	142/143⁺ [11]
Chemistry & Biological Chemistry with Second Major in Entrepreneurship [^]	1	17/18 ⁺		9		9	35/36 ⁺
	2	21		8	3	6	38
	3	18			2	13	33
	4		12		10 [5]	4	26 [5]
	Total	56/57⁺	12	17	15 [5]	32	132/133⁺ [5]
Chemistry & Biological Chemistry with Second Major in Sustainability	1	17/18 ⁺		11		9	37/38 ⁺
	2	21		6	3	6	36
	3	18	12		2	18	38
	4				10	6	28
	Total	56/57⁺	12	17	15	39	139/140⁺
Civil Engineering with Second Major in Business (PI [®])	1	28/29 ⁺		9		6	43/44 ⁺
	2	24		8	3	6	41
	3	11			12	6	29
	4	17	3			12	32
	Total	80/81⁺	3	17	15	30	145/146⁺
Civil Engineering with Second Major in Business (International Trading) (PI [®])	1	28/29 ⁺		9		6	43/44 ⁺
	2	24		8		9	41
	3	11			15	7	33
	4	17	3			9	29
	Total	80/81⁺	3	17	15	31	146/147⁺
Civil Engineering with Second Major in Data Analytics (PI [®]) [^]	1	28/29 ⁺ [3]		9		6	37/38 ⁺ [3]
	2	24 [6]		8	3	3	38 [6]
	3	11			12	6	29
	4	17	3			12	32
	Total	80/81⁺ [9]	3	17	15	21	136/137⁺ [9]
Civil Engineering with Second Major in Entrepreneurship (PI [®])	1	28/29 ⁺		9		6	43/44 ⁺
	2	24		8	3	6	41
	3	11			7	8	26
	4	17	3			10	30
	Total	80/81⁺	3	17	10	30	140/141⁺
Civil Engineering with Second Major in Society and Urban Systems (PI [®])	1	25/26 ⁺		9		6	40/41 ⁺
	2	24		8	3	6	41
	3	11			12	6	29
	4	20	3			12	35
	Total	80/81⁺	3	17	15	30	145/146⁺

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Single Degree with Second Major Programmes

Programme	Year of Study	Number of Academic Units (AUs)					Total
		Major Requirements		Interdisciplinary Collaborative Core		Broadening & Deepening Electives	
		Core	Major PE	Common Core	Foundational Core		
Civil Engineering with Second Major in Sustainability (PI [®]) [^]	1	28/29* [3]		9			37/38* [3]
	2	24		8	3	6	41
	3	11			12	6	29
	4	17	3			16	36
	Total	80/81* [3]	3	17	15	28	143/144* [3]
Communication Studies with Second Major in Governance and International Relations	1	12		12	3	12	39
	2		15	5	3	9	32
	3		14		11	6	31
	4	8	12			5	25
	Total	20	41	17	17	32	127
Communication Studies with Second Major in Business	1	12		12	3	12	39
	2		15	5	3	9	32
	3		14		11	6	31
	4	8	12			5	25
	Total	20	41	17	17	32	127
Communication Studies with Second Major (Offered by CoHass)	1	12	3	12	6		33
	2		17	5		13	35
	3		12		11	11	34
	4	8	9			17	34
	Total	20	41	17	17	41	136
Computer Engineering with Second Major in Business (PI [®])	1	19		9	3	6	37
	2	24		8		6	38
	3	13			12	6	31
	4	14	12			12	38
	Total	70	12	17	15	30	144
Computer Engineering with Second Major in Business (International Trading) (PI [®])	1	19		9	3	6	37
	2	21		8		9	38
	3	10			12	7	29
	4	20	12			9	41
	Total	70	12	17	15	31	145
Computer Engineering with Second Major in Data Analytics (PI [®])	1	25		9	3		37
	2	27		8		3	38
	3	10			12	6	28
	4	8	12			12	32
	Total	70	12	17	15	21	135
Computer Engineering with Second Major in Entrepreneurship (PI [®])	1	19		9	3	6	37
	2	21		8		6	35
	3	10			12	3	25
	4	20	12			10	42
	Total	70	12	17	15	25	139
Computer Engineering with Second Major in Sustainability (PI [®]) [^]	1	19[2]		9	3	6	37[2]
	2	24		8		6	38
	3	13			12	4	29
	4	14	12			12	38
	Total	70[2]	12	17	15	28	142[2]
Computer Science with Second Major in Business (PI [®])	1	19		9	3	6	37
	2	24		8		6	38
	3	7	6		12	6	31
	4	8	18			12	38
	Total	58	24	17	15	30	144

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Programme	Year of Study	Number of Academic Units (AUs)					Total
		Major Requirements		Interdisciplinary Collaborative Core		Broadening & Deepening Electives	
		Core	Major PE	Common Core	Foundational Core		
Computer Science with Second Major in Business (International Trading) (PI [Ⓢ])	1	19		9	3	6	37
	2	21		8		9	38
	3	10			12	7	29
	4	8	24			9	41
	Total	58	24	17	15	31	145
Computer Science with Second Major in Entrepreneurship (PI [Ⓢ])	1	19		9	3	6	37
	2	24		8		6	38
	3	7	6		12	3	28
	4	8	18			10	36
	Total	58	24	17	15	25	139
Computer Science with Second Major in Sustainability (PI [Ⓢ]) [^]	1	19[2]		9	3	6	37[2]
	2	24		8		6	38
	3	7	6		12	4	29
	4	8	18			12	38
	Total	58[2]	24	17	15	28	142[2]
Economics with Second Major in Business	1	15	3	9		6	33
	2	12	3	8	5	6	34
	3		17		5	15	37
	4		18			13	31
	Total	27	41	17	10	40	135
Electrical and Electronic Engineering with Second Major in Business (PI [Ⓢ])	1	19/20 ⁺		9	3	6	37/38 ⁺
	2	29		8		6	40
	3	6	6		10	6	31
	4	8	15		2	12	37
	Total	62/63⁺	21	17	15	30	145/146⁺
Electrical and Electronic Engineering with Second Major in Business (International Trading) (PI [Ⓢ])	1	22/23 ⁺		9		6	37/38 ⁺
	2	23		8	3	11	45
	3	9	6		10	6	31
	4	8	15		2	8	33
	Total	62/63⁺	21	17	15	31	146/147⁺
Electrical and Electronic Engineering with Second Major in Data Analytics (PI [Ⓢ])	1	19/20 ⁺ [6]		9	3	0	31/32 ⁺ [6]
	2	26 [3]		8		6	40 [3]
	3	9	6		10	6	31
	4	8	15 [3]		2	9	34 [3]
	Total	62/63⁺ [9]	21 [3]	17	15	21	136/137⁺ [12]
Electrical and Electronic Engineering with Second Major in Entrepreneurship (PI [Ⓢ])	1	19/20 ⁺		9	3	6	37/38 ⁺
	2	26		8	0	6	40
	3	9	6		10	3	28
	4	8	15		2	10	35
	Total	62/63⁺	21	17	15	25	140/141⁺
Electrical and Electronic Engineering with Second Major in Society & Urban Systems (PI [Ⓢ])	1	19/20 ⁺		9	3	6	37/38 ⁺
	2	26		8		6	40
	3	9	6		10	6	31
	4	8	15		2	12	37
	Total	62/63⁺	21	17	15	30	145/146⁺
Environmental Earth Systems Science with Second Major in Data Analytics (Ecology) [^]	1	25	4	9			38
	2	23 [4]	3	8		4	42 [4]
	3	11	10 [4]		5	12	35 [4]
	4	7	4		5	9	23
	Total	66 [4]	21 [4]	17	10	25	139 [8]

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Programme	Year of Study	Number of Academic Units (AUs)					Total
		Major Requirements		Interdisciplinary Collaborative Core		Broadening & Deepening Electives	
		Core	Major PE	Common Core	Foundational Core		
Environmental Earth Systems Science with Second Major in Data Analytics (Geosciences) [^]	1	18	11	9			38
	2	20 [4]	8	8		4	40 [4]
	3	12	3 [4]		5	12	32 [4]
	4	5	7		5	12	29
	Total	55 [4]	29 [4]	17	10	28	139 [8]
Environmental Earth Systems Science with Second Major in Data Analytics (Society and the Earth System) [^]	1	21	10	9			40
	2	26 [4]	6	8		4	44 [4]
	3	12 [4]	7		5	12	34 [4]
	4		4		5	10	20
	Total	59 [8]	27	17	10	26	139 [8]
Environmental Earth Systems Science with Second Major in Entrepreneurship (Ecology)	1	25	4	9			38
	2	23	3	8			34
	3	11	10		5	16	42
	4	7	4		10	9	30
	Total	66	21	17	15	25	144
Environmental Earth Systems Science with Second Major in Entrepreneurship (Geosciences)	1	18	11	9			38
	2	20	8	8		3	39
	3	12	3		5	16	36
	4	5	7		10	9	31
	Total	55	29	17	15	28	144
Environmental Earth Systems Science with Second Major in Entrepreneurship (Society and the Earth System)	1	21	10	9			40
	2	26	6	8			40
	3	12	7		5	16	40
	4		4		10	10	24
	Total	59	27	17	15	26	144
Environmental Earth Systems Science with Second Major in Sustainability (Ecology) [^]	1	25 [3]	4	9			38 [3]
	2	23 [3]	3	8			34 [3]
	3	11	10		5	12	38
	4	7 [3]	4		5	12	28 [3]
	Total	66 [9]	21	17	10	24	138 [9]
Environmental Earth Systems Science with Second Major in Sustainability (Geosciences) [^]	1	18 [3]	11	9			38 [3]
	2	20	8	8		3	39
	3	12	3		5	16	36
	4	5	7		5	8	25
	Total	55 [3]	29	17	10	27	138 [3]
Environmental Earth Systems Science with Second Major in Sustainability (Society and the Earth System) [^]	1	21 [3]	10	9			40 [3]
	2	26 [6]	6	8			40 [6]
	3	12 [3]	7		5	9	33 [3]
	4		4		5	16	25
	Total	59 [12]	27	17	10	25	138 [12]
Environmental Engineering with Second Major in Business (PI [®])	1	26/27 ⁺		9		6	41/42 ⁺
	2	23		8		6	37
	3	12			15	6	33
	4	19	3			12	34
	Total	80/81⁺	3	17	15	30	145/146⁺
Environmental Engineering with Second Major in Business (International Trading) (PI [®])	1	26/27 ⁺		9		6	41/42 ⁺
	2	20		8	3	9	40
	3	15			12	7	34
	4	19	3			9	31
	Total	80/81⁺	3	17	15	31	146/147⁺

Description

[®] PI – Professional Internship, 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).

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Summary of Academic Unit Requirements for Degree Programme at NTU For Year 1 Students Admitted in 2024-2025

Single Degree with Second Major Programmes

Programme	Year of Study	Number of Academic Units (AUs)					Total
		Major Requirements		Interdisciplinary Collaborative Core		Broadening & Deepening Electives	
		Core	Major PE	Common Core	Foundational Core		
Environmental Engineering with Second Major in Data Analytics (PI [Ⓜ]) [^]	1	26/27* [3]		9			35/36* [3]
	2	23 [3]		8	3	6	40 [3]
	3	12			12	6	30
	4	19	3			12	34
	Total	80/81⁺ [6]	3	17	15	24	139/140⁺ [6]
Environmental Engineering with Second Major in Entrepreneurship (PI [Ⓜ])	1	26/27 ⁺		9		6	41/42 ⁺
	2	23		8		6	37
	3	12			10	8	30
	4	19	3			10	32
	Total	80/81⁺	3	17	10	30	140/141⁺
Environmental Engineering with Second Major in Society and Urban Systems (PI [Ⓜ])	1	26/27 ⁺		9		6	41/42 ⁺
	2	23		8		12	43
	3	12			15	3	30
	4	19	3			9	31
	Total	80/81⁺	3	17	15	30	145/146⁺
Environmental Engineering with Second Major in Sustainability (PI [Ⓜ]) [^]	1	26/27* [3]		9			35/36* [3]
	2	23		8	3	6	40
	3	12			12	6	30
	4	19	3			16	38
	Total	80/81* [3]	3	17	15	28	143/144* [3]
Information Engineering & Media with Second Major in Business (PI [Ⓜ])	1	23/24 ⁺		9		6	38/39 ⁺
	2	23		8	3	6	40
	3	6	9		10	6	31
	4	11	15		2	12	40
	Total	63/64⁺	24	17	15	30	149/150⁺
Information Engineering & Media with Second Major in Business (International Trading) (PI [Ⓜ])	1	23/24 ⁺		9		6	38/39 ⁺
	2	23		8	3	11	45
	3	6	9		10	6	31
	4	11	15		2	8	36
	Total	63/64⁺	24	17	15	31	150/151⁺
Information Engineering & Media with Second Major in Data Analytics (PI [Ⓜ]) [^]	1	26/27 ⁺ [3]		9		0	35/36 ⁺ [3]
	2	26 [6]		8	3	3	40 [6]
	3	3	9		10	6	28
	4	8	15 [3]		2	9	34 [3]
	Total	63/64⁺ [9]	24 [3]	17	15	18	137/138⁺ [12]
Information Engineering & Media with Second Major in Entrepreneurship (PI [Ⓜ])	1	23/24 ⁺		9		6	38/39 ⁺
	2	23		8	3	6	40
	3	6	9		10	3	28
	4	11	15		2	10	38
	Total	63/64⁺	24	17	15	25	144/145⁺
Maritime Studies with Second Major in Business	1	16		9		15	40
	2	23		8	5	6	42
	3	12	3		10		25
	4	11	6			18	35
	Total	62	9	17	15	39	142
Maritime Studies with Second Major in Business (International Trading)	1	16		9		15	40
	2	23		8	5	5	41
	3	12	3		10		25
	4	11	6			19	36
	Total	62	9	17	15	39	142

Description

Ⓜ PI – Professional Internship, PA – Professional Attachment (for Engineering Programmes). Refer to School's website for AU requirement of other attachment option.

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Summary of Academic Unit Requirements for Degree Programme at NTU For Year 1 Students Admitted in 2024-2025

Single Degree with Second Major Programmes

Programme	Year of Study	Number of Academic Units (AUs)					Total
		Major Requirements		Interdisciplinary Collaborative Core		Broadening & Deepening Electives	
		Core	Major PE	Common Core	Foundational Core		
Maritime Studies with Second Major in Data Analytics [^]	1	28 [3]		9			37 [3]
	2	23 [6]		8	5	3	39 [6]
	3	12	3		10		25
	4	11	6			18	35
	Total	74 [9]	9	17	15	21	136 [9]
Maritime Studies with Second Major in Sustainability	1	28		9			37
	2	23		8	5	3	39
	3	12	3		10	6	31
	4	11	6			21	38
	Total	74	9	17	15	30	145
Materials Engineering with Second Major in Business (PI@)	1	25/26 ⁺		9		6	40/41 ⁺
	2	23		8	3	6	40
	3	12			12	6	30
	4	15	9			12	36
	Total	75/76⁺	9	17	15	30	146/147⁺
Materials Engineering with Second Major in Business (International Trading) (PI@)	1	25/26 ⁺		9		6	40/41 ⁺
	2	20		8	3	11	40
	3	12			12	6	31
	4	18	9			8	36
	Total	75/76⁺	9	17	15	31	147/148⁺
Materials Engineering with Second Major in Data Analytics (PI@) [^]	1	25/26 ⁺ [3]		9		3	37/38 ⁺ [3]
	2	20 [3]		8	3	10	41 [3]
	3	15			12	3	30
	4	15 [3]	11 [3]			6	32 [6]
	Total	75/76⁺ [9]	11 [3]	17	15	22	140/141⁺ [12]
Materials Engineering with Second Major in Entrepreneurship (PI@) [^]	1	25/26 ⁺		9		6	40/41 ⁺
	2	20		8	3	9	40
	3	15			12 [10]	3	30 [10]
	4	15	9			7	31
	Total	75/76⁺	9	17	15 [10]	25	141/142⁺ [10]
Materials Engineering with Second Major in Medical Biology (PI@) [^]	1	25/26 ⁺		9		9	40/41 ⁺
	2	16		8	3	9	39
	3	16			12	3	31
	4	18	9 [9]			9	36 [9]
	Total	75/76⁺	9 [9]	17	15	30	146/147⁺ [9]
Materials Engineering with Second Major in Pharmaceutical Engineering (PI@) [^]	1	25/26 [*]		9		3	37/38 [*]
	2	22		8	3	9	40
	3	13			12	6	33
	4	15	9			12	36
	Total	75/76[*]	9	17	15	30	146/147[*]
Materials Engineering with Second Major in Sustainability (PI@) [^]	1	25/26 [*] [3]		9		6	40/41 [*] [3]
	2	20		8	3	9	40
	3	15			12	3	30
	4	15	11 [6]			6	32 [6]
	Total	75/76[*] [3]	11 [6]	17	15	24	142/143[*] [9]
Mathematical Sciences with Second Major in Sustainability	1	29		9		9	38
	2	20		8	3	15	40
	3	4	14		7	6	40
	4		17			6	23
	Total	53	31	17	10	30	141

Description

[⊗] PI – Professional Internship, 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).

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Summary of Academic Unit Requirements for Degree Programme at NTU For Year 1 Students Admitted in 2024-2025

Single Degree with Second Major Programmes

Programme	Year of Study	Number of Academic Units (AUs)					Total
		Major Requirements		Interdisciplinary Collaborative Core		Broadening & Deepening Electives	
		Core	Major PE	Common Core	Foundational Core		
Mathematical Sciences with Second Major in Data Analytics	1	29 [7]		9			38 [7]
	2	20 [4]		8	3	9	40 [4]
	3	4	18		7	10	39
	4		13			6	19
	Total	53 [11]	31	17	10	25	136 [11]
Mathematical Sciences with Second Major in Entrepreneurship	1	29		9			38
	2	20		8	3	9	40
	3	4	18		2	12	34
	4		8		10	4	24
	Total	53	26	17	15	25	136
Mechanical Engineering with Second Major in Business (PI [®])	1	24/25 ⁺		9		6	39/40 ⁺
	2	27		8	3	6	44
	3	16			10	6	32
	4	12	6		2	12	32
	Total	79/80⁺	6	17	15	30	147/148⁺
Mechanical Engineering with Second Major in Business (International Trading) (PI [®])	1	24/25 ⁺		9		6	39/40 ⁺
	2	27		8	3	9	47
	3	16			10	7	33
	4	12	6		2	9	29
	Total	79/80⁺	6	17	15	31	148/149⁺
Mechanical Engineering with Second Major in Data Analytics (PI [®]) [^]	1	24/25 ⁺ [3]		9	3	3	39/40 ⁺ [3]
	2	27 [3]		8		3	38 [3]
	3	16	3 [3]		10		29 [3]
	4	12	3 [3]		2	12	29 [3]
	Total	79/80⁺ [6]	6 [6]	17	15	18	135/136⁺ [12]
Mechanical Engineering with Second Major in Entrepreneurship (PI [®])	1	24/25 ⁺		9		6	39/40 ⁺
	2	27		8	3	6	44
	3	16			10	3	29
	4	12	6		2	10	30
	Total	79/80⁺	6	17	15	25	142/143⁺
Mechanical Engineering with Second Major in Society & Urban Systems (PI [®])	1	24/25 ⁺		9		6	39/40 ⁺
	2	27		8	3	6	44
	3	16			10	6	32
	4	12	6		2	12	32
	Total	79/80⁺	6	17	15	30	147/148⁺
Mechanical Engineering with Second Major in Sustainability (PI [®]) [^]	1	24/25 ⁺ [2]		9			33/34 ⁺ [2]
	2	27		8	3	6	44
	3	16			10	6	32
	4	12			2	16	36
	Total	79/80⁺ [2]	6	17	15	28	145/146⁺ [2]
Physics with Second Major in Sustainability - Pure Physics	1	24		9			33
	2	24		8	3	3	38
	3	13	3		7	12	35
	4		10			15	25
	Total	61	13	17	10	30	131

Description

[®] PI – Professional Internship, PA – Professional Attachment (for Engineering Programmes). Refer to School's website for AU requirement of other attachment option.

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Single Degree with Second Major Programmes

Programme	Year of Study	Number of Academic Units (AUs)					Total
		Major Requirements		Interdisciplinary Collaborative Core		Broadening & Deepening	
		Core	Major PE	Common Core	Foundational Core		
Applied Physics with Second Major in Sustainability - Applied Physics	1	24		9			33
	2	23		8	3	3	37
	3	13	3		7	12	35
	4		10			15	25
	Total	60	13	17	10	30	130
Physics with Second Major in Data Analytics - Pure Physics [^]	1	27		9		3	39
	2	21 [3]		8	3	7	39 [3]
	3	13	3		7	12	35
	4		10			18	28
	Total	61 [3]	13	17	10	40	141 [3]
Applied Physics with Second Major in Data Analytics - Applied Physics [^]	1	27		9		3	39
	2	20 [3]		8	3	4	35 [3]
	3	13	3		7	15	38
	4		10			18	28
	Total	60 [3]	13	17	10	40	140 [3]
Physics with Second Major in Quantum Technologies – Pure Physics [^]	1	27		9		0	36
	2	21		8	3	7	39
	3	11	3		7	14	35
	4	2	[7] 10			10	22 [7]
	Total	61	[7] 13	17	10	31	[7] 132
Applied Physics with Second Major in Quantum Technologies – Applied Physics [^]	1	27		9			36
	2	20		8	3	4	35
	3	11	3		7	14	35
	4	2	[7] 10			13	[7] 25
	Total	60	13 [7]	17	10	31	[7] 131
Applied Physics with Second Major in Microelectronics Engineering	1	27		6	3	3	39
	2	20		11	2	6	39
	3	13			5	21	39
	4	0	13			13	26
	Total	60	13	17	10	43	143
Applied Physics with Second Major in Medical Physics	1	27		9	3		39
	2	20		8		8	36
	3	13	3		7	16	39
	4		10			14	24
	Total	60	13	17	10	38	138
Applied Physics with Second Major in Entrepreneurship	1	27		9		3	36
	2	20		8	3	3	37
	3	13	4		2	14	33
	4		4		10	15	29
	Total	60	8	17	15	35	135
Psychology with Second Major in Biological Sciences	1	15		9		9	33
	2	12	3	8	5	9	37
	3		14		5	18	37
	4		19			12	31
	Total	27	36	17	10	48	138
Public Policy and Global Affairs with Second Major in Media and Journalism Studies	1	15	3	9		6	33
	2		6	8	5	7	36
	3		10		5	22	37
	4		16			3	19
	Total	15	35	17	10	48	125

Description

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**Summary of Academic Unit Requirements for Degree Programme at NTU
For Year 1 Students Admitted in 2024-2025**

Single Degree (Double Major) Programmes

Programme	Year of Study	Number of Academic Units (AUs)					
		Major Requirements		Interdisciplinary Collaborative Core		Broadening & Deepening Electives	Total
		Core	Major PE	Common Core	Foundational Core		
Biomedical Sciences and Biobusiness	1	21		9		6	36
	2	27		8	5		40
	3	10	6		10	6	32
	4	32					32
	Total	90	6	17	15	12	140
Biological Sciences and Psychology	1	36		7			43
	2	15	3	10	5	6	39
	3		15		10	3	28
	4	12	15			3	30
	Total	63	33	17	15	12	140
Chinese and English	1	18		9	3	3	33
	2	6	15	8	2	3	34
	3		29			6	35
	4		24		5	7	36
	Total	24	68	17	10	19	138
Chinese and Linguistics & Multilingual Studies	1	15	3	9	3	3	33
	2	9	12	8	2	3	34
	3		29			6	35
	4		24		5	7	36
	Total	24	68	17	10	19	138
Economics and Media Analytics	1	18	6	9			33
	2	6	15	8	5		34
	3		19			12	31
	4		28		5	7	40
	Total	24	68	17	10	19	138
Economics and Psychology	1	21	6	9			36
	2	3	18	8	5		34
	3		25			9	34
	4		19		5	10	34
	Total	24	68	17	10	19	138
Economics and Public Policy & Global Affairs	1	21	6	9			36
	2	3	18	8	5		34
	3		20			12	32
	4		24		5	7	36
	Total	24	68	17	10	19	138
English and History	1	21		9	3		33
	2		15	8	2	9	34
	3	3	29			3	35
	4		24		5	7	36
	Total	24	68	17	10	19	138
English and Philosophy	1	21		9	3		33
	2	3	15	8	2	6	34
	3		29			6	35
	4		24		5	7	36
	Total	24	68	17	10	19	138
English Literature and Art History	1	21		9	3		33
	2	3	15	8	2	6	34
	3		25			6	31
	4		28		5	7	40
	Total	24	68	17	10	19	138

Description

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**Summary of Academic Unit Requirements for Degree Programme at NTU
For Year 1 Students Admitted in 2024-2025**

Single Degree (Double Major) Programmes

Programme	Year of Study	Number of Academic Units (AUs)					
		Major Requirements		Interdisciplinary Collaborative Core		Broadening & Deepening Electives	Total
		Core	Major PE	Common Core	Foundational Core		
Environmental Earth Systems Science and Public Policy & Global Affairs	1	30		9			39
	2	26	6	8			40
	3	12	22		5		39
	4		22		5	3	30
	Total	68	50	17	10	3	148
History and Chinese	1	18		9	3	3	33
	2	3	15	8	2	6	34
	3	3	29			3	35
	4		24		5	7	36
	Total	24	68	17	10	19	138
History and Linguistics & Multilingual Studies	1	18	-	9	3	3	33
	2	3	15	8	2	3	34
	3	3	29			6	35
	4		24		5	7	36
	Total	24	68	17	10	19	138
Linguistics & Multilingual Studies and English	1	21		9	3		33
	2	3	15	8	2	6	34
	3		29			6	35
	4		24		5	7	36
	Total	24	68	17	10	19	138
Linguistics & Multilingual Studies and Philosophy	1	18		9	3	3	33
	2	6	15	8	2	3	34
	3		29			6	35
	4		24		5	7	36
	Total	24	68	17	10	19	138
Mathematical and Computer Sciences	1	35		9			44
	2	26		8	3	3	40
	3		6		12	9	27
	4	8	24				32
	Total	69	30	17	15	12	143
Mathematical Sciences and Economics	1	35		9			44
	2	25	6	8			39
	3	9	17		10	6	42
	4		22				22
	Total	69	45	17	10	6	147
Philosophy and Chinese	1	16		9	3	6	34
	2	9	15	8	2		34
	3		29			6	35
	4		23		5	7	35
	Total	25	67	17	10	19	138
Philosophy and History	1	18		9	3	3	33
	2	3	15	8	2	6	34
	3	3	29			3	35
	4		24		5	7	36
	Total	24	68	17	10	19	138
Physics and Mathematical Sciences	1	31		9			40
	2	24		8	3		35
	3	29	7		7		43
	4	2	16			8	26
	Total	86	23	17	10	8	144

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For Year 1 Students Admitted in 2024-2025**

Single Degree (Double Major) Programmes

Programme	Year of Study	Number of Academic Units (AUs)					Broadening & Deepening Electives	Total
		Major Requirements		Interdisciplinary Collaborative Core				
		Core	Major PE	Common Core	Foundational Core			
Psychology and Linguistics & Multilingual Studies	1	21		9	3		33	
	2	3	15	8	2	6	34	
	3		24			6	30	
	4		29		5	7	41	
	Total	24	68	17	10	19	138	
Psychology and Media Analytics	1	18	3	9	3		33	
	2	6	12	8	2	6	34	
	3		26			6	32	
	4		27		5	7	39	
	Total	24	68	17	10	19	138	

Description

Ⓢ PI – Professional Internship, 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).

^ The AU requirement for the programme with second major is based on the assumption that students select the maximum number of courses which could be used to fulfil two requirements concurrently. Refer to [website](#) for more details.

[] AU of courses that could be used to fulfil Core/Major PE requirement and second major requirement concurrently. Students from the School of Humanities may read any of the Core/Major PE courses that are listed in both your first major and second major. Please consult your School for further advice.

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Summary of Academic Unit Requirements for Degree Programme at NTU For Year 1 Students Admitted in 2024-2025

Single Degree (CN Yang) Programmes

Programme	Year of Study	Number of Academic Units (AUs)					
		Major Requirements		Interdisciplinary Collaborative Core		Broadening & Deepening Electives	Total
		Core	Major PE	Common Core	Foundational Core		
Aerospace Engineering (PA [Ⓜ])	1	39		5			44
	2	30		8		3	41
	3	27			8		35
	4	17					17
	Total	113	0	13	8	3	137
Aerospace Engineering with Second Major in Data Analytics (PA [Ⓜ]) [^]	1	35 [3]		5		3	43 [3]
	2	27 [3]		8		3	38 [3]
	3	30			8	9	47
	4	17				9	26
	Total	109 [6]	0	13	8	24	154 [6]
Aerospace Engineering with Second Major in Sustainability (PA [Ⓜ]) [^] *	1	39 [5]		5			44 [5]
	2	27		8		3	38
	3	30			8	9	47
	4	17				13	30
	Total	113 [5]	0	13	8	25	159 [5]
Biological Sciences	1	42		2			44
	2	25		8	3	3	39
	3		6	3	10	8	27
	4	12	9			3	24
	Total	79	15	13	13	14	134
Biological Sciences with Second Major in Sustainability [^] *	1	42 [3]		2			44 [3]
	2	25		11	3	3	42
	3		6		10	15	31
	4	12	9			9	30
	Total	79 [3]	15	13	13	27	147 [3]
Bioengineering (PA [Ⓜ])	1	33		5			38
	2	36		8			44
	3	21			5	3	29
	4	9	6		3	9	27
	Total	99	6	13	8	12	138
Bioengineering with Second Major in Data Analytics (PA [Ⓜ]) [^]	1	33 [4]		5			38 [4]
	2	36 [3]		8			44 [3]
	3	21			5	3	29
	4	9	6 [3]		3	19	37 [3]
	Total	99 [7]	6 [3]	13	8	22	148 [10]
Bioengineering with Second Major in Sustainability (PA [Ⓜ]) [^] *	1	33 [5]		5		6	44 [5]
	2	36		8			44
	3	21			5	3	29
	4	9	6		3	16	34
	Total	99 [5]	6	13	8	25	151 [5]
Biological Sciences with Second Major in Data Analytics [^]	1	42 [7]		5			47 [7]
	2	25		8	3	7	43
	3		6 [3]		10	12	28 [3]
	4	12	9			3	24
	Total	79 [7]	15 [3]	13	13	22	142 [10]

Description

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Single Degree (CN Yang) Programmes

Programme	Year of Study	Number of Academic Units (AUs)					Total
		Major Requirements		Interdisciplinary Collaborative Core		Broadening & Deepening Electives	
		Core	Major PE	Common Core	Foundational Core		
Chemical & Biomolecular Engineering (PA [®]) [^]	1	39		5			44
	2	36		8			44
	3	25			5		30
	4	8	6		3	3	20
	Total	108	6	13	8	3	138
Chemical & Biomolecular Engineering with Second Major in Data Analytics (PA [®]) [^]	1	39 [4]		5			44 [4]
	2	36 [6]		8	3		47 [6]
	3	25			5	3	33
	4	8	6			19	33
	Total	108 [10]	6	13	8	22	157 [10]
Chemical & Biomolecular Engineering with Second Major in Sustainability (PA [®]) [^] *	1	39 [5]		5		3	47 [5]
	2	36		8	3		47
	3	25			5		30
	4	8	6			22	36
	Total	108 [5]	6	13	8	25	160 [5]
Chemistry and Biological Chemistry	1	33		5		3	41
	2	25		8	3		36
	3	18	12			5	35
	4	12			10		22
	Total	88	12	13	13	8	134
Chemistry & Biological Chemistry with Second Major in Data Analytics [^]	1	33 [4]		5		3	41[4]
	2	25[3]		8	3	7	43[3]
	3	18	12[3]			12	42[3]
	4	12			10		22
	Total	88 [7]	12	13	13	22	148 [10]
Chemistry & Biological Chemistry with Second Major in Sustainability [^] *	1	33 [3]		5		6	44 [3]
	2	25		8	3	9	45
	3	18	12			12	42
	4	12			10		22
	Total	88 [3]	12	13	13	27	153 [3]
Civil Engineering (PA [®])	1	40		5			45
	2	30		5	3	3	41
	3	22		3	5		30
	4	12	3			5	20
	Total	104	3	13	8	8	136
Civil Engineering with Second Major in Data Analytics (PA [®]) [^]	1	39 [6]		5			44 [7]
	2	27		5	3	3	38
	3	25 [3]		3	5		33 [3]
	4	12	3			18	33
	Total	103 [9]	3	13	8	21	148 [10]
Civil Engineering with Second Major in Sustainability (PA [®]) [^] *	1	40 [5]		5			45 [5]
	2	30		5	3	3	41
	3	22		3	5	3	33
	4	12	3			19	34
	Total	104 [5]	3	13	8	25	153 [5]
Computer Engineering (PA [®])	1	33		5	3		41
	2	31		8		3	42
	3	27			5		32
	4	8	12			3	23
	Total	99	12	13	8	6	138

Description

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Summary of Academic Unit Requirements for Degree Programme at NTU For Year 1 Students Admitted in 2024-2025

Single Degree (CN Yang) Programmes

Programme	Year of Study	Number of Academic Units (AUs)					
		Major Requirements		Interdisciplinary Collaborative Core		Broadening & Deepening Electives	Total
		Core	Major PE	Common Core	Foundational Core		
Computer Engineering with Second Major in Data Analytics (PA [®]) [^]	1	35 [6]		5	3		43 [6]
	2	36 [6]		8			44 [6]
	3	19	6		5	12	42
	4	8	6			6	20
	Total	98 [12]	12	13	8	18	149 [12]
Computer Engineering with Second Major in Sustainability (PA [®]) [^] *	1	36 [3]		5	3		44 [3]
	2	36 [2]		8			44 [2]
	3	19	6		5	15	45
	4	8	6			10	24
	Total	99 [5]	12	13	8	25	157 [5]
Computer Science (PA [®])	1	33		5	3		41
	2	31		8		3	42
	3	15	12		5		32
	4	8	12			3	23
	Total	87	24	13	8	6	138
Computer Science with Second Major in Sustainability (PA [®]) [^] *	1	35 [5]		5	3	3	46 [5]
	2	31		8		3	42
	3	13	12		5	16	46
	4	8	12			3	23
	Total	87 [5]	24	13	8	25	157 [5]
Electrical and Electronic Engineering (PA [®])	1	36		5			41
	2	25		8		3	36
	3	14	9		8	6	37
	4	8	12			3	23
	Total	83	21	13	8	12	137
Electrical and Electronic Engineering with Second Major in Data Analytics [^]	1	32 [3]		5			37 [3]
	2	28 [3]		8	3		39 [3]
	3	14 [3]	15 [3]		5	9	43 [6]
	4	8	6			9	23
	Total	82 [9]	21 [3]	13	8	18	142 [12]
Electrical and Electronic Engineering with Second Major in Sustainability (PA [®]) [^] *	1	36 [5]		5		3	44 [5]
	2	25		8	3	3	39
	3	14	12		5	10	41
	4	8	9			6	23
	Total	83 [5]	21	13	8	22	147 [5]
Environmental Earth Systems Science (Ecology)	1	43		5			48
	2	28		8		3	39
	3	9			3	6	18
	4	19			10		29
	Total	99	0	13	13	9	134
Environmental Earth Systems Science (Geosciences)	1	43		5			48
	2	23		8		6	37
	3	12			3	7	22
	4	17			10		27
	Total	95	0	13	13	13	134

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Summary of Academic Unit Requirements for Degree Programme at NTU For Year 1 Students Admitted in 2024-2025

Single Degree (CN Yang) Programmes

Programme	Year of Study	Number of Academic Units (AUs)					Total
		Major Requirements		Interdisciplinary Collaborative Core		Broadening & Deepening Electives	
		Core	Major PE	Common Core	Foundational Core		
Environmental Earth Systems Science (Society and the Earth System)	1	43		5			48
	2	29		8		3	40
	3	12			3	9	24
	4	12			10		22
	Total	96	0	13	13	12	134
Environmental Earth Systems Science with Second Major in Data Analytics (Ecology) [^]	1	46 [4]		5			51 [4]
	2	28 [4]		8		10	46 [4]
	3	10			3	15	28
	4	15			10		25
	Total	99 [8]	0	13	13	25	150 [8]
Environmental Earth Systems Science with Second Major in Data Analytics (Geosciences) [^]	1	46 [4]		5			51 [4]
	2	23 [4]		8		7	38 [4]
	3	9			3	18	30
	4	17			10		27
	Total	95 [8]	0	13	13	25	146 [8]
Environmental Earth Systems Science with Second Major in Data Analytics (Society and the Earth System) [^]	1	49 [4]		5			54 [4]
	2	26 [4]		8		7	41 [4]
	3	9 [3]			3	15	27 [3]
	4	12			10		22
	Total	96 [11]	0	13	13	22	144 [11]
Environmental Earth Systems Science with Second Major in Sustainability (Ecology) ^{^ *}	1	43 [3]		5			48 [3]
	2	31 [3]		8		3	42 [3]
	3	10			3	18	31
	4	15 [3]			10		25 [3]
	Total	99 [9]	0	13	13	21	146 [9]
Environmental Earth Systems Science with Second Major in Sustainability (Geosciences) ^{^ *}	1	43 [3]		5			48 [3]
	2	26		8		6	40
	3	9			3	21	33
	4	17			10		27
	Total	95 [3]	0	13	13	27	148 [3]
Environmental Earth Systems Science with Second Major in Sustainability (Society and the Earth System) ^{^ *}	1	43 [3]		5			48 [3]
	2	32 [9]		8			40 [9]
	3	9			3	18	30
	4	12			10		22
	Total	96 [12]	0	13	13	18	140 [12]
Environmental Engineering (PA [®])	1	40		5			45
	2	30		5	3	3	41
	3	23		3	5		31
	4	11	3			5	19
	Total	104	3	13	8	8	136
Environmental Engineering with Second Major in Data Analytics (PA [®]) [^]	1	36 [7]		5		3	44 [7]
	2	27		5	3	3	38
	3	26 [3]		3	5		34 [3]
	4	11	3			18	32
	Total	100 [10]	3	13	8	24	148 [10]
Environmental Engineering with Second Major in Sustainability (PA [®]) ^{^ *}	1	40 [5]		5			45 [5]
	2	27		5	3	6	41
	3	26		3	5		34
	4	11	3			19	33
	Total	104 [5]	3	13	8	25	153 [5]

Description

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Summary of Academic Unit Requirements for Degree Programme at NTU For Year 1 Students Admitted in 2024-2025

Single Degree (CN Yang) Programmes

Programme	Year of Study	Number of Academic Units (AUs)					Total
		Major Requirements		Interdisciplinary Collaborative Core		Broadening & Deepening	
		Core	Major PE	Common Core	Foundational Core		
Information Engineering & Media (PA [®])	1	38		5			43
	2	27		8		3	38
	3	15	12		8	3	38
	4	8	12				20
	Total	88	24	13	8	6	139
Information Engineering & Media with Second Major in Data Analytics (PA [®]) [^]	1	34 [6]		5			39 [6]
	2	27 [3]		8	3		38 [3]
	3	15	18 [3]		5	8	46 [3]
	4	11	6			10	27
	Total	87 [9]	24 [3]	13	8	18	150 [12]
Information Engineering & Media with Second Major in Sustainability (PA [®]) [^] *	1	38 [5]		5			43 [5]
	2	24		8	3	6	41
	3	15	18		5	9	47
	4	11	6			10	27
	Total	88 [5]	24	13	8	25	158 [5]
Materials Engineering	1	36		5			41
	2	25		8		3	36
	3	30			8		38
	4	10	9			3	22
	Total	101	9	13	8	6	137
Materials Engineering with Second Major in Data Analytics (PA [®]) [^]	1	33 [3]		5			38 [3]
	2	21		8	3	7	39
	3	31 [3]	3 [3]		5	9	48 [6]
	4	15 [3]	6			6	27 [3]
	Total	100 [9]	9 [3]	13	8	22	152 [12]
Materials Engineering with Second Major in Sustainability (PA [®]) [^] *	1	36 [5]		5		3	44 [5]
	2	24		8	3	6	41
	3	31	3 [3]		5	6	45 [3]
	4	10	6 [1]			6	22 [1]
	Total	101 [5]	9 [4]	13	8	21	152 [9]
Mathematical Sciences	1	36		5			41
	2	26		8	3	3	40
	3		19			12	31
	4	12			10		22
	Total	74	19	13	13	15	134
Mathematical Sciences with Second Major in Data Analytics [^]	1	40 [7]		5			45 [7]
	2	22 [4]		8	3	9	42 [4]
	3		19			13	32
	4	12			10		22
	Total	74 [11]	19	13	13	22	141 [11]
Mathematical Sciences with Second Major in Sustainability [^] *	1	40 [3]		5			45 [3]
	2	22		8	3	12	45
	3		19			15	34
	4	12			10		22
	Total	74 [3]	19	13	13	27	146 [3]
Mechanical Engineering (PA [®])	1	38		5			43
	2	28		8		3	39
	3	25			8		33
	4	15	6				21
	Total	106	6	13	8	3	136

Description

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Single Degree (CN Yang) Programmes

Programme	Year of Study	Number of Academic Units (AUs)					Total
		Major Requirements		Interdisciplinary Collaborative Core		Broadening & Deepening	
		Core	Major PE	Common Core	Foundational Core		
Mechanical Engineering with Second Major in Data Analytics (PA [®]) [^]	1	34 [3]		5			39 [3]
	2	28 [3]		8		3	39 [3]
	3	25	6 [6]		8	3	42 [6]
	4	15				12	27
	Total	102 [6]	6 [6]	13	8	18	147 [12]
Mechanical Engineering with Second Major in Sustainability (PA [®]) [^] *	1	38 [5]		5			43 [5]
	2	28		8		6	42
	3	25	6		8	6	45
	4	15				13	28
	Total	106 [5]	6	13	8	25	158 [5]
Physics & Applied Physics	1	34		5			39
	2	31		8	3		42
	3	13	9			9	31
	4	12			10		22
	Total	90	9	13	13	9	134
Physics & Applied Physics with Second Major in Data Analytics [^]	1	34 [4]		5		3	42 [4]
	2	34		8		4	46
	3	13	9		3	21	46
	4	12			10		22
	Total	93 [4]	9	13	13	28	156 [4]
Physics & Applied Physics with Second Major in Sustainability [^] *	1	34 [3]		5		9	48 [3]
	2	34		8			42
	3	13	9		3	18	43
	4	12			10		22
	Total	93 [3]	9	13	13	27	155 [3]

Description

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- * For students without 'A' Level Physics and who need to read PH1012 Physics A (4 AUs).
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Summary of Academic Unit Requirements for Degree Programme at NTU For Year 1 Students Admitted in 2024-2025

Double Degree Programmes

Programme	Year of Study	Number of Academic Units (AUs)					Total
		Major Requirements		Interdisciplinary Collaborative Core		Broadening & Deepening Electives	
		Core	Major PE	Common Core	Foundational Core		
Double Degree in Accountancy and Business (Group A)							
• Actuarial Science	1	27		6	8		41
	2	28		8	1		37
	3	26		3	4	3	36
	4	23				12	35
	Total	104	0	17	13	15	149
• Banking & Finance	1	27		6	8		41
	2	16	3	11	5	3	38
	3	22	6			6	34
	4	11	9			9	29
	Total	76	18	17	13	18	142
• Business Analytics	1	27		6	8		41
	2	24		11	5		40
	3	22	3			9	34
	4	11	6			9	26
	Total	84	9	17	13	18	141
• Human Resource Consulting	1	27		6	8		41
	2	12	9	11	5		37
	3	22	6			6	34
	4	11	6			12	29
	Total	72	21	17	13	18	141
• Marketing	1	27		6	8		41
	2	18	3	11	5		37
	3	25	3			6	34
	4	14	3			12	29
	Total	84	9	17	13	18	141
• Risk Analytics	1	27		6	8		41
	2	24		11	5		40
	3	25				9	34
	4	14	3			9	26
	Total	90	3	17	13	18	141
Individual Degree Requirements							
Accountancy (Group A)	1	27		6	8		41
	2	12		11	1		21
	3	19		0	4	6	29
	4	11				9	20
	Total	66	NA	17	13	15	111
Business							
• Year 1	1	27		6	8		41
	2		9	11	5		25
	3	6	6			6	18
	4	3	6			12	21
	Total	36	21	17	13	18	105

Description

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Summary of Academic Unit Requirements for Degree Programme at NTU For Year 1 Students Admitted in 2024-2025

Double Degree Programmes

Programme	Year of Study	Number of Academic Units (AUs)					
		Major Requirements		Interdisciplinary Collaborative Core		Broadening & Deepening Electives	Total
		Core	Major PE	Common Core	Foundational Core		
• Actuarial Science	1	27		6	8		41
	2	16		8	1		25
	3	10		3	4	3	20
	4	15				12	27
	Total	68	0	17	13	15	113
• Banking & Finance	1	27		6	8		41
	2	4	3	11	5	3	26
	3	6	6			6	18
	4	3	9			9	21
	Total	40	18	17	13	18	106
• Business Analytics	1	27		6	8		41
	2	12		11	5		28
	3	6	3			9	18
	4	3	6			9	18
	Total	48	9	17	13	18	105
• Human Resource Consulting	1	27		6	8		41
	2		9	11	5		25
	3	6	6			6	18
	4	3	6			12	21
	Total	36	21	17	13	18	105
• Marketing	1	27		6	8		41
	2	6	3	11	5		25
	3	9	3			6	18
	4	6	3			12	21
	Total	48	9	17	13	18	105
• Risk Analytics	1	27		6	8		41
	2	12		11	5		28
	3	9				9	18
	4	6	3			9	18
	Total	54	3	17	13	18	105
Double Degree in Accountancy and Business (Group B)							
• Actuarial Science	1	27		6	8	0	41
	2	28		8	1	0	37
	3	22		3	4	9	38
	4	27				6	33
	Total	104	0	17	13	15	149
• Banking & Finance	1	27		6	8	0	41
	2	16	6	11	1	0	34
	3	18	3		4	9	34
	4	15	9			9	33
	Total	76	18	17	13	18	142
• Business Analytics	1	27		6	8	0	41
	2	24		11	1	0	36
	3	18	3		4	9	34
	4	15	6			9	30
	Total	84	9	17	13	18	141

Description

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Double Degree Programmes

Programme	Year of Study	Number of Academic Units (AUs)					
		Major Requirements		Interdisciplinary Collaborative Core		Broadening & Deepening Electives	Total
		Core	Major PE	Common Core	Foundational Core		
• Human Resource Consulting	1	27		6	8	0	41
	2	12	9	11	1	0	33
	3	18	6		4	6	34
	4	15	6			12	33
	Total	72	21	17	13	18	141
• Marketing	1	27		6	8	0	41
	2	18	3	11	1	0	33
	3	21	3		4	6	34
	4	18	3			12	33
	Total	84	9	17	13	18	141
• Risk Analytics	1	27		6	8	0	41
	2	24		11	1	0	36
	3	24			4	6	34
	4	15	3			12	30
	Total	90	3	17	13	18	141
Individual Degree Requirements							
Accountancy (Group B)	1	27		6	8		41
	2	12		8	1		21
	3	12		3	4	9	28
	4	15				6	21
	Total	66	NA	17	13	15	111
Business							
• Year 1	1	27		6	8		41
	2	0	9	11	1		21
	3	6	6		4	6	22
	4	3	6			12	21
	Total	36	21	17	13	18	105
• Actuarial Science	1	27		6	8		41
	2	16		8	1		25
	3	10		3	4	9	26
	4	15				6	21
	Total	68	0	17	13	15	113
• Banking & Finance	1	27		6	8		41
	2	4	6	11	1		22
	3	6	3		4	9	22
	4	3	9			9	21
	Total	40	18	17	13	18	106
• Business Analytics	1	27		6	8		41
	2	12		11	1		24
	3	6	3		4	9	22
	4	3	6			9	18
	Total	48	9	17	13	18	105
• Human Resource Consulting	1	27		6	8		41
	2	0	9	11	1		21
	3	6	6		4	6	22
	4	3	6			12	21
	Total	36	21	17	13	18	105

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Double Degree Programmes

Programme	Year of Study	Number of Academic Units (AUs)					
		Major Requirements		Interdisciplinary Collaborative Core		Broadening & Deepening Electives	Total
		Core	Major PE	Common Core	Foundational Core		
• Marketing	1	27		6	8		41
	2	6	3	11	1		21
	3	9	3		4	6	22
	4	6	3			12	21
	Total	48	9	17	13	18	105
• Risk Analytics	1	27		6	8		41
	2	12		11	1		24
	3	12			4	6	22
	4	3	3			12	18
	Total	54	3	17	13	18	105
Double Degree in Accountancy and Business with Second major in Entrepreneurship (Group B)							
• Actuarial Science	1	27		6	8	6	47
	2	28		8	1	6	43
	3	22		3	4	9	38
	4	27				9	36
	Total	104	0	17	13	30	164
• Banking & Finance	1	27		6	8	6	47
	2	16	6	11	1	6	40
	3	18	3		4	9	34
	4	15	9			9	33
	Total	76	18	17	13	30	154
• Business Analytics	1	27		6	8	6	47
	2	24		11	1	6	42
	3	18	3		4	9	34
	4	15	6			9	30
	Total	84	9	17	13	30	153
• Human Resource Consulting	1	27		6	8	6	47
	2	12	9	11	1	6	39
	3	18	6		4	9	37
	4	15	6			9	30
	Total	72	21	17	13	30	153
• Marketing	1	27		6	8	6	47
	2	18	3	11	1	6	39
	3	21	3		4	9	37
	4	18	3			9	30
	Total	84	9	17	13	30	153
• Risk Analytics	1	27		6	8	6	47
	2	24		11	1	6	42
	3	24			4	9	37
	4	15	3			9	27
	Total	90	3	17	13	30	153

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Double Degree Programmes

Programme	Year of Study	Number of Academic Units (AUs)					
		Major Requirements		Interdisciplinary Collaborative Core		Broadening & Deepening Electives	Total
		Core	Major PE	Common Core	Foundational Core		
Individual Degree Requirements							
Accountancy (Group B)	1	20		9	8	6	43
	2	16		5	1	6	28
	3	15		3	4	9	31
	4	15				9	24
	Total	66	NA	17	13	30	126
Business							
• Year 1	1	27		6	8	6	47
	2	0	9	11	1	6	27
	3	6	6		4	9	25
	4	3	6			9	18
	Total	36	21	17	13	30	117
• Actuarial Science	1	27		6	8	6	47
	2	16		8	1	6	31
	3	10		3	4	9	26
	4	15				9	24
	Total	68	0	17	13	30	128
• Banking & Finance	1	27		6	8	6	47
	2	4	6	11	1	6	28
	3	6	3		4	9	22
	4	3	9			9	21
	Total	40	18	17	13	30	118
• Business Analytics	1	27		6	8	6	47
	2	12		11	1	6	30
	3	6	3		4	9	22
	4	3	6			9	18
	Total	48	9	17	13	30	117
• Human Resource Consulting	1	27		6	8	6	47
	2	0	9	11	1	6	27
	3	6	6		4	9	25
	4	3	6			9	18
	Total	36	21	17	13	30	117
• Marketing	1	27		6	8	6	47
	2	6	3	11	1	6	27
	3	9	3		4	9	25
	4	6	3			9	18
	Total	48	9	17	13	30	117
• Risk Analytics	1	27		6	8	6	47
	2	12		11	1	6	30
	3	12			4	9	25
	4	3	3			9	15
	Total	54	3	17	13	30	117

Description

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Double Degree Programmes

Programme	Year of Study	Number of Academic Units (AUs)					
		Major Requirements		Interdisciplinary Collaborative Core		Broadening & Deepening Electives	Total
		Core	Major PE	Common Core	Foundational Core		
Double Degree in Accountancy and Data Science and Artificial Intelligence	1	29		6	3		38
	2	34		5	4		43
	3	29	3	6	1		39
	4	15	3		10		28
	5	12	7				19
	Total	119	13	17	18	0	167
Individual Degree Requirements							
Accountancy	1	16		6	3	3	28
	2	15		5	4	3	27
	3	16		6	1	9	32
	4	11			10		21
	5	8					8
	Total	66	N/A	17	18	15	116
Data Science and Artificial Intelligence	1	13		6	3	13	35
	2	26		5	4		35
	3	13	7	6	0	4	30
	4	4	3		10	4	21
	5	4	11				15
	Total	60	21	17	17	21	136
Double Degree in Aerospace Engineering and Economics (PI [®])	1	36/37 ⁺		9			45/46 ⁺
	2	35		8	3		46
	3	21	3		10		34
	4	20	10		2		32
	5		17				17
	Total	112/113⁺	30	17	15	0	174/175⁺
Individual Degree Requirements							
Aerospace Engineering (PI [®])	1	24/25 ⁺		9			
	2	29		8	3		
	3	12			10		
	4	20			2		
	5						
	Total	85/86⁺	0	17	15	18	135/136⁺
Economics	1	12		9			
	2	3	3	8	3		
	3	3	3		10		
	4	14	7		2		
	5		20				
	Total	32	33	17	15	30	127
Double Degree in Business and Computer Engineering (with NBS Professional Attachment) BCE	1	28		11	8		47
	2	30		6	5		41
	3	34	3				37
	4	17	15				32
	5						
	Total	109	18	17	13	0	157

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Double Degree Programmes

Programme	Year of Study	Number of Academic Units (AUs)					
		Major Requirements		Interdisciplinary Collaborative Core		Broadening & Deepening Electives	Total
		Core	Major PE	Common Core	Foundational Core		
Individual Degree Requirements							
Business (BA)	1	12		11	8		31
	2	16		6	5		27
	3	6	3			6	15
	4	14	6			12	32
	Total	48	9	17	13	18	105
Computer Engineering	1	16		11	8		35
	2	15		6	5	12	38
	3	28	3			3	34
	4	11	9		3	9	32
	Total	70	12	17	16	24	139
Double Degree in Business and Computer Science (with NBS Professional Attachment) BCG	1	28		11	8		47
	2	33		6	5		44
	3	19	15				34
	4	14	18				32
	Total	94	33	17	13	0	157
Individual Degree Requirements							
Business (BA)	1	12		11	8		31
	2	16		6	5		27
	3	6	3			6	15
	4	14	6			12	32
	Total	48	9	17	13	18	105
Computer Science	1	16		11	8		35
	2	22		6	5	8	41
	3	13	12			6	31
	4	8	12		3	9	32
	Total	59	24	17	16	23	139
Double Degree in Bioengineering and Economics (PI [®])	1	33/34 ⁺		9			42/43 ⁺
	2	29	3	8	3		43
	3	16	3		12		31
	4	23	16				39
	5		17			3	20
	Total	101/102⁺	39	17	15	3	175/176⁺
Individual Degree Requirements							
Bioengineering	1	21/22 ⁺		9			
	2	26		8	3		
	3	13			12		
	4	17	3				
	5		3				
	Total	77/78⁺	6	17	15	21	136/137⁺
Economics	1	12		9			
	2	3	3	8	3		
	3	3	3		12		
	4	14	13				
	5		14				
	Total	32	33	17	15	30	127

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Double Degree Programmes

Programme	Year of Study	Number of Academic Units (AUs)					Total
		Major Requirements		Interdisciplinary Collaborative Core		Broadening & Deepening Electives	
		Core	Major PE	Common Core	Foundational Core		
Individual Degree Requirements							
Double Degree in Chemical & Biomolecular Engineering and Economics (PI [®])	1	36/37 ⁺		9			45/46 ⁺
	2	31	3	8	3		45
	3	20			12		32
	4	14	22				36
	5		14			3	17
	Total	101/102⁺	39	17	15	3	175/176⁺
Individual Degree Requirements							
Chemical & Biomolecular Engineering (PI [®])	1	24/25 ⁺		9			
	2	28		8	3		
	3	17			12		
	4	8	6				
	5						
	Total	77/78⁺	6	17	15	21	136/137⁺
Economics	1	12		9			
	2	3	3	8	3		
	3	3			12		
	4	14	16				
	5		14				
	Total	32	33	17	15	30	127
Double Degree in Civil Engineering and Economics (PI [®])	1	34/35 ⁺		9			43/44 ⁺
	2	24	3	8	3		38
	3	17			12		29
	4	18	15				33
	5	8	18			3	29
	Total	101/102⁺	36	17	15	3	172/173⁺
Individual Degree Requirements							
Civil Engineering (PI [®])	1	28/29 ⁺		9		6	43
	2	21		8	3	6	38
	3	11			12	3	26
	4	12	3			3	18
	5	8				3	11
	Total	80/81⁺	3	17	15	21	136/137⁺
Economics	1	6		9		12	27
	2	6	3	8	3	18	38
	3	6			12		18
	4	6	12				18
	5	8	18				26
	Total	32	33	17	15	30	127

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Double Degree Programmes

Programme	Year of Study	Number of Academic Units (AUs)					
		Major Requirements		Interdisciplinary Collaborative Core		Broadening & Deepening Electives	Total
		Core	Major PE	Common Core	Foundational Core		
Double Degree in Computer Engineering and Economics (PI [®])	1	28		9	3		40
	2	33		8			41
	3	22	9		2		33
	4	3	12		10		25
	5	8	24			3	35
	Total	94	45	17	15	3	174
Individual Degree Requirements							
Computer Engineering (PI [®])	1	19		9	3	6	37
	2	21		8		9	38
	3	19	3		2		24
	4	3	6		10	3	22
	5	8	3			3	14
	Total	70	12	17	15	21	135
Economics	1	9		9		9	27
	2	12		8	3	9	32
	3	3	6		12	12	33
	4		6				6
	5	8	21				29
	Total	32	33	17	15	30	127
Double Degree in Computer Science and Economics (PI [®])	1	28		9	3		40
	2	33		8			41
	3	13	18		2		33
	4		12		10		22
	5	8	27			3	38
	Total	82	57	17	15	3	174
Individual Degree Requirements							
Computer Science (PI [®])	1	19		9	3	6	37
	2	21		8		9	38
	3	10	12		2		24
	4		6		10	3	19
	5	8	6			3	17
	Total	58	24	17	15	21	135
Economics	1	9		9	3	9	27
	2	12		8		9	32
	3	3	6		12	12	33
	4		6				6
	5	8	21				29
	Total	32	33	17	15	30	127
Double Degree in Environmental Engineering and Economics (PI [®])	1	32/33 ⁺		9			41/42 ⁺
	2	26	3	8	3		40
	3	18			12		30
	4	17	15				32
	5	8	18			3	29
	Total	101/102⁺	36	17	15	3	172/173⁺

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Double Degree Programmes

Programme	Year of Study	Number of Academic Units (AUs)					
		Major Requirements		Interdisciplinary Collaborative Core		Broadening & Deepening Electives	Total
		Core	Major PE	Common Core	Foundational Core		
Individual Degree Requirements							
Environmental Engineering (PI [Ⓢ])	1	26/27 ⁺		9		6	41/42 ⁺
	2	23		8	3	6	40
	3	12			12	3	27
	4	11	3			3	17
	5	8				3	11
	Total	80/81⁺	3	17	15	21	136/137⁺
Economics	1	6		9		12	27
	2	6	3	8	3	18	38
	3	6			12		18
	4	6	12				18
	5	8	18				26
	Total	32	33	17	15	30	127
Double Degree in Electrical & Electronic Engineering and Economics (PI [Ⓢ])	1	28	3	9			40
	2	30		8			38
	3	17	16		3		36
	4	3	13		12		28
	5	8	22			3	33
	Total	86	54	17	15	3	175
Individual Degree Requirements							
Electrical & Electronic Engineering (PI [Ⓢ])	1	16		9			
	2	18		8	0		
	3	17	6		3		
	4	3	3		12		
	5	8	12				
	Total	62	21	17	15	21	136
Economics	1	12	3	9			
	2	12		8	0		
	3		10		3		
	4		10		12		
	5	8	10				
	Total	32	33	17	15	30	127
Double Degree in Information Engineering & Media and Economics (PI [Ⓢ])	1	29	3	9			41
	2	29		8	3		40
	3	18	19				37
	4	3	13		12		28
	5	8	22				30
	Total	87	57	17	15	0	176
Information Engineering & Media (PI [Ⓢ])	1	17		9			
	2	17		8	3		
	3	18	9				
	4	3	3		12		
	5	8	12				
	Total	63	24	17	15	18	137

Description

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* For students without 'A' Level Physics and who need to read PH1012 Physics A (4 AUs).

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Summary of Academic Unit Requirements for Degree Programme at NTU For Year 1 Students Admitted in 2024-2025

Double Degree Programmes

Programme	Year of Study	Number of Academic Units (AUs)					
		Major Requirements		Interdisciplinary Collaborative Core		Broadening & Deepening Electives	Total
		Core	Major PE	Common Core	Foundational Core		
Individual Degree Requirements							
Economics	1	15		9			
	2	12		8	3		
	3		10				
	4		10		12		
	5	8	10				
	Total		35	30	17	15	30
Double Degree in Materials Engineering and Economics (PI [®])	1	28/29 ⁺	3	9			40/41 ⁺
	2	24		8	3		36
	3	34	3		2		39
	4	5	15		10		29
	5	8	23				31
	Total		99/100⁺	44	17	15	0
Individual Degree Requirements							
Materials Engineering (PI [®])	1	16/17 ⁺		9		6	31/32 ⁺
	2	18		8	3	3	30
	3	28			2	3	36
	4	5	3		10	3	20
	5	8	8			3	19
	Total		75/76⁺	11	17	15	18
Economics	1	12	3	9		9	33
	2	9		8	3	10	30
	3	3	3		2	11	19
	4		12		10		22
	5	8	15				23
	Total		32	33	17	15	30
Double Degree in Mechanical Engineering and Economics (PI [®])	1	36/37 ⁺		9			45/46 ⁺
	2	33		8	3		44
	3	19	3		10		32
	4	18	13		2		33
	5		20				20
	Total		106/107⁺	36	17	15	0
Individual Degree Requirements							
Mechanical Engineering (Mainstream) (PI [®])	1	24/25 ⁺		9			
	2	27		8	3		
	3	16			10		
	4	12	6		2		
	5						
	Total		79/80⁺	6	17	15	18
Economics	1	12		9			
	2	3	3	8	3		
	3	3	3		10		
	4	14	7		2		
	5		20				
	Total		32	33	17	15	30

Description

[®] PI – Professional Internship, 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).

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**Summary of Academic Unit Requirements for Degree Programme at NTU
For Year 1 Students Admitted in 2024-2025**

Integrated Programmes

Programme	Year of Study	Number of Academic Units (AUs)					
		Major Requirements		Interdisciplinary Collaborative Core		Broadening & Deepening Electives	Total
		Core	Major PE	Common Core	Foundational Core		
Renaissance Engineering Programme (UG)	1	31		10			41
	2	11	18	8	6		43
	3		12		5	15	32
	4	14	3		0	3	20
	Total	56	33	18	11	18	136
Renaissance Engineering Programme (UG) with Second major in Entrepreneurship ^A	1	31		10		6	47
	2	11	18	8	6	6	49
	3		12		5 [5]	20	37 [5]
	4	14	3			13	30
	Total	56	33	18	11 [5]	45	163 [5]

Note:

UG – Undergraduate Component

Description

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**Summary of Academic Unit Requirements for Degree Programme at NTU
For Year 1 Students Admitted in 2024-2025**

University Scholars Programme (USP)

Programme	Year of Study	Number of Academic Units (AUs)							Total
		Major Requirements		USP Requirement		Interdisciplinary Collaborative Core		Broadening & Deepening Electives	
		Core	Major PE	USP Core	USP PE	Common Core	Foundational Core		
Accountancy (Group B)	1	24		12		4	8		48
	2	19			6	3	5		33
	3	23						7	30
	Total	66	N/A	12	6	7	13	7	111
Accountancy with Second major in Entrepreneurship	1	24		12		4	8	6	54
	2	19			6	3	5	6	39
	3	23						18	41
	Total	66	N/A	12	6	7	13	30	134
Aerospace Engineering (PI [Ⓢ])	1	24/25 ⁺		12		2			38/39 ⁺
	2	29			12	5	3		49
	3	18					10		28
	4	14						6	20
	Total	85/86⁺	0	12	12	7	13	6	135/136⁺
Art, Design & Media (Design Art)	Total	39	36	12	12	7	8	16	130
Art, Design & Media (Media Art)	Total	39	36	12	12	7	8	16	130
Bioengineering (PI [Ⓢ])	1	21/22 [*]		12		2		9	44/45 [*]
	2	26				5	3		34
	3	13			3		10		26
	4	17	6		9				32
	Total	77/78[*]	6	12	12	7	13	9	136/137[*]
Biological Sciences	Total	39	33	12	12	7	13	15	131
Biological Sciences with Second Major in Biomedical Structural Biology	Total	39	33	12	6	7	13	27	137
Biological Sciences with Second Major in Medicinal Chemistry and Pharmacology	Total	39	33	12	6	7	13	27	137
Business									
· Actuarial Science	1	22		12		4	8		46
	2	22			6	3	5		36
	3	22						7	29
	Total	66	0	12	6	7	13	7	111
· Banking & Finance	1	22		12		4	8		46
	2	13	9		6	3	5		36
	3	3	9					10	22
	Total	38	18	12	6	7	13	10	104
· Business Analytics	1	22				4	8		46
	2	21	3	12		3	5		38
	3	3	6		6			10	19
	Total	46	9	12	6	7	13	10	103

Description

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**Summary of Academic Unit Requirements for Degree Programme at NTU
For Year 1 Students Admitted in 2024-2025**

University Scholars Programme (USP)

Programme	Year of Study	Number of Academic Units (AUs)							Total
		Major Requirements		USP Requirement		Interdisciplinary Collaborative Core		Broadening & Deepening Electives	
		Core	Major PE	USP Core	USP PE	Common Core	Foundational Core		
· Human Resource Consulting	1	22		12		4	8		46
	2	9	12	12		3	5		35
	3	3	9		6			10	22
	Total	34	21	12	6	7	13	10	103
· Marketing	1	22				4	8		46
	2	21		12		3	5		35
	3	3	9		6			10	22
	Total	46	9	12	6	7	13	10	103
· Risk Analytics	1	22				4	8		52
	2	21		12		3	5		29
	3	9	3		6			10	22
	Total	52	3	12	6	7	13	10	103
Business with Second major in Entrepreneurship (Actuarial Science)	1	22		12			8	6	48
	2	22			6	7	5	6	46
	3	22						18	40
	Total	66	0	12	6	7	13	30	134
Business with Second major in Entrepreneurship (Banking & Finance)	1	22		12			8	6	48
	2	13	9		6	7	5	6	40
	3	3	9					18	36
	Total	38	18	12	6	7	13	30	124
Business with Second major in Entrepreneurship (Business Analytics)	1	22		12			8	6	48
	2	21	3		6	7	5	6	42
	3	3	6					18	33
	Total	46	9	12	6	7	13	30	123
Business with Second major in Entrepreneurship (Human Resource Consulting)	1	22		12			8	6	48
	2	9	12			7	5	6	39
	3	3	9		6			18	36
	Total	34	21	12	6	7	13	30	123
Business with Second major in Entrepreneurship (Marketing)	1	22		12			8	6	48
	2	21				7	5	6	39
	3	3	9		6			18	36
	Total	46	9	12	6	7	13	30	123
Business with Second major in Entrepreneurship (Risk Analytics)	1	22		12			8	6	48
	2	21				7	5	6	39
	3	9	3		6			18	36
	Total	52	3	12	6	7	13	30	123
Chemical & Bio molecular Engineering (PI [Ⓢ])	1	24				2		3	41
	2	28		12		5	3		36
	3	17			3		10		30
	4	8	6		9			6	29
	Total	77/78⁺	6	12	12	7	13	9	136/137⁺

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For Year 1 Students Admitted in 2024-2025**

University Scholars Programme (USP)

Programme	Year of Study	Number of Academic Units (AUs)							Total
		Major Requirements		USP Requirement		Interdisciplinary Common Core	Collaborative Core Foundational Core	Broadening & Deepening	
		Core	Major PE	USP Core	USP PE				
Chemistry & Biological Chemistry	Total	56/57⁺	12	12	12	7	13	20	132/133⁺
Chinese	1	15	3	12			3		33
	2	9	9		3	7		6	34
	3		17		6			12	35
	4		16		3		5	2	26
	Total	24	45	12	12	7	8	20	128
Civil Engineering (PI [®])	1	28/29 ⁺		12		2			42/43 ⁺
	2	24			3	5	3		35
	3	11			3		10	3	27
	4	17	3		6			6	32
	Total	80/81⁺	3	12	12	7	13	9	136/137⁺
Communication Studies	1	12		12		5	3		32
	2		16		6	2	3	6	33
	3		13		3		11	4	31
	4	8	12		3			8	31
	Total	20	41	12	12	7	17	18	127
Communication Studies with Second Major in Governance and International Relations	1	12		12		2	3	12	41
	2		15		3	5	3	9	35
	3		14		6		11	3	34
	4	8	12		3			2	25
	Total	20	41	12	12	7	17	26	135
Computer Engineering (PI [®])	1	23		12		2	3		40
	2	23			6	5			34
	3	13			6		10		29
	4	11	12					9	32
	Total	70	12	12	12	7	13	9	135
Computer Science (PI [®])	1	23		12		2	3		40
	2	23			6	5	10		34
	3	4	9		6				29
	4	8	15					9	32
	Total	58	24	12	12	7	13	9	135
Data Science and Artificial Intelligence	Total	60	18	12	12	7	13	9	131
Economics	Total	27	41	12	12	7	8	18	125
Economics and Data Sciences	1	25		12		2	3		42
	2	25	3			5	5		38
	3	7	26		3		5		41
	4		16		3				19
	Total	57	45	12	6	7	13	0	140
Artificial Intelligence (AI) & Society	1	18	0	12	0	2	3	0	35
	2	18	0	0	6	5		3	32
	3	10	6	0	3	0	10	0	29
	4	11	18		3			3	35
	Total	57	24	12	12	7	13	6	131

Description

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For Year 1 Students Admitted in 2024-2025**

University Scholars Programme (USP)

Programme	Year of Study	Number of Academic Units (AUs)							Total
		Major Requirements		USP Requirement		Interdisciplinary	Collaborative Core	Broadening & Deepening Electives	
		Core	Major PE	USP Core	USP PE	Common Core	Foundational Core		
Electrical and Electronic Engineering (PI [®])	1	22/23 ⁺		12		2		3	39/40 ⁺
	2	23			6	5		3	40
	3	9	6		3		10		28
	4	8	15		3			3	29
	Total	62/63⁺	21	12	12	7	13	9	136/137[†]
English	Total	18	51	12	12	7	8	17	125
Environmental Earth Systems Science (Ecology)	1	25	4	12		7			48
	2	23	3		6			3	35
	3	11	10		3		3	3	30
	4	7	4		3		5	3	22
	Total	66	21	12	12	7	8	9	135
Environmental Earth Systems Science (Geosciences)	1	18	11	12		7			48
	2	20	8		6				34
	3	12	3		3		3	6	27
	4	5	7		3		5	6	26
	Total	55	29	12	12	7	8	12	135
Environmental Earth Systems Science (Society and the Earth System)	1	21	10	12		7			50
	2	26	6		6			3	41
	3	12	7		3		3	4	29
	4		4		3		5	3	15
	Total	59	27	12	12	7	8	10	135
Environmental Engineering (PI [®])	1	26/27 ⁺		12		2			40/41 ⁺
	2	23			3	5	3	3	37
	3	12			3		10	3	28
	4	19	3		6			3	31
	Total	80/81⁺	3	12	12	7	13	9	136/137[†]
History	Total	12	57	12	12	7	8	17	125
Information Engineering & Media (PI [®])	1	26/27 ⁺		12		2			40/41 [*]
	2	23			6	5	3		37
	3	3	9		3		10	3	28
	4	11	15		3			3	32
	Total	63/64[*]	24	12	12	7	13	6	137/138[*]
Linguistics & Multilingual Studies	Total	21	48	12	12	7	8	20	128
Maritime Studies	1	28		12		2			42
	2	23			6	5	3		37
	3	12	3				10		25
	4	11	6		6			9	32
	Total	74	9	12	12	7	13	9	136
Materials Engineering (PI [®])	1	25/26 [*]		12		2			39/40 [*]
	2	20			9	5	3		37
	3	15					10	6	31
	4	15	11		3				29
	Total	75/76[*]	11	12	12	7	13	6	136/137[*]
Mathematical Sciences – Applied Mathematics	Total	52	24	12	12	7	8	14	129

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**Summary of Academic Unit Requirements for Degree Programme at NTU
For Year 1 Students Admitted in 2024-2025**

University Scholars Programme (USP)

Programme	Year of Study	Number of Academic Units (AUs)							Broadening & Deepening Electives	Total
		Major Requirements		USP Requirement		Interdisciplinary Collaborative Core				
		Core	Major PE	USP Core	USP PE	Common Core	Foundational Core			
Mathematical Sciences – Business Analytics	Total	50	26	12	12	7	8	14	129	
Mathematical Sciences – Pure Mathematics	Total	52	24	12	12	7	8	14	129	
Mathematical Sciences – Statistics	Total	53	23	12	12	7	8	14	129	
Mechanical Engineering (PI [Ⓢ])	1	24/25 ⁺		12		2			38/39 ⁺	
	2	27			3	5	3		38	
	3	16			6		10		32	
	4	12	6		3			6	27	
	Total	79/80⁺	6	12	12	7	13	6	135/136⁺	
Philosophy, Politics and Economics	1	30		12	0	2	0	0	44	
	2	15	3		3	5	0	0	26	
	3	0	15		6	0	8	0	29	
	4	12	16		3	0	0	4	35	
	Total	57	34	12	12	7	8	4	134	
Philosophy	Total	21	45	12	12	7	8	23	128	
Physics & Applied Physics – Physics	Total	61	13	12	12	7	8	18	131	
Physics & Applied Physics – Applied Physics	Total	61	13	12	12	7	8	18	131	
Psychology	Total	27	42	12	12	7	8	20	128	
Psychology with Second Major (Offered by CoHass)	Total	27	42	12	12	7	8	36	144	
Psychology with Second Major in Biological Sciences	Total	27	36	12	12	7	8	36	138	
Public Policy and Global Affairs	Total	15	45	12	12	7	8	26	125	
Sociology	Total	19	50	12	12	7	8	17	125	
Sociology with Second Major (Offered by CoHass)	Total	19	50	12	12	7	8	33	141	

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**Summary of Academic Unit Requirements for Degree Programme at NTU
For Year 1 Students Admitted in 2024-2025**

Double Major-USP Programme

Programme	Number of Academic Units (AUs)							Broadening & Deepening Electives	Total
	Major		USP Requirement		Interdisciplinary Collaborative Core				
	Core	Major PE	USP Core	USP PE	Common Core	Foundational Core			
Chinese and English	24	68	12	6	7	8	13	138	
Chinese and Linguistics & Multilingual Studies	24	68	12	6	7	8	13	138	
Economics and Media Analytics	24	68	12	6	7	8	13	138	
Economics and Psychology	24	68	12	6	7	8	13	138	
Economics and Public Policy & Global Affairs	24	68	12	6	7	8	13	138	
English and History	24	68	12	6	7	8	13	138	
English and Philosophy	24	68	12	6	7	8	13	138	
English Literature and Art History	24	68	12	6	7	8	13	138	
History and Chinese	24	68	12	6	7	8	13	138	
History and Linguistics & Multilingual Studies	24	68	12	6	7	8	13	138	
Linguistics & Multilingual Studies and English	24	68	12	6	7	8	13	138	
Linguistics & Multilingual Studies and Philosophy	24	68	12	6	7	8	13	138	
Philosophy and Chinese	24	68	12	6	7	8	13	138	
Philosophy and History	24	68	12	6	7	8	13	138	
Psychology and Linguistics & Multilingual Studies	24	68	12	6	7	8	13	138	
Psychology and Media Analytics	24	68	12	6	7	8	13	138	

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[] AU of courses that could be used to fulfil Core/Major PE requirement and second major requirement concurrently. Students from the School of Humanities may read any of the Core/Major PE courses that are listed in both your first major and second major. Please consult your School for further advice.

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**Summary of Academic Unit Requirements for Degree Programme at NTU
For Year 1 Students Admitted in 2024-2025**

Double Degree-USP Programme

Programme	Year of Study	Number of Academic Units (AUs)							Total
		Major Requirements		USP Requirement		Interdisciplinary Collaborative Core		Broadening & Deepening Electives	
		Core	Major PE	USP Core	USP PE	Common Core	Foundational Core		
Double Degree in Accountancy and Business (Group B)									
· Actuarial Science	1	27		12		4	8		51
	2	28			3		1		32
	3	22			3	3	4	3	35
	4	27						4	31
	Total	104	0	12	6	7	13	7	149
· Banking & Finance	1	27		12		4	8		51
	2	16	6		3	3	1		29
	3	18	3		3		4	3	31
	4	15	9					7	31
	Total	76	18	12	6	7	13	10	142
· Business Analytics	1	27		12		4	8		51
	2	24			3	3	1		31
	3	18	3		3		4	3	31
	4	15	6					7	28
	Total	84	9	12	6	7	13	10	141
· Human Resource Consulting	1	27		12		4	8		51
	2	12	9		3	3	1		28
	3	18	6		3		4		31
	4	15	6					10	31
	Total	72	21	12	6	7	13	10	141
· Marketing	1	27		12		4	8		51
	2	18	3		3	3	1		28
	3	21	3		3		4		31
	4	18	3					10	31
	Total	84	9	12	6	7	13	10	141
· Risk Analytics	1	27		12		4	8		51
	2	24			3	3	1		31
	3	24			3		4		31
	4	15	3					10	28
	Total	90	3	12	6	7	13	10	141
Double Degree in Accountancy and Business with Second major in Entrepreneurship (Group B)									
· Actuarial Science	1	27		12		4	8	6	57
	2	28			3		1	6	38
	3	22			3	3	4	9	41
	4	27						9	36
	Total	104	0	12	6	7	13	30	172
· Banking & Finance	1	27		12		4	8	6	57
	2	16	6		3	3	1	6	35
	3	18	3		3		4	9	37
	4	15	9					9	33
	Total	76	18	12	6	7	13	30	162

Description

- Ⓢ PI – Professional Internship, 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).
- ^ The AU requirement for the programme with second major is based on the assumption that students select the maximum number of courses which could be used to fulfil two requirements concurrently. Refer to [website](#) for more details.
- [] AU of courses that could be used to fulfil Core/Major PE requirement and second major requirement concurrently. Students from the School of Humanities may read any of the Core/Major PE courses that are listed in both your first major and second major. Please consult your School for further advice.

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**Summary of Academic Unit Requirements for Degree Programme at NTU
For Year 1 Students Admitted in 2024-2025**

Double Degree-USP Programme

Programme	Year of Study	Number of Academic Units (AUs)							Total
		Major Requirements		USP Requirement		Interdisciplinary Collaborative Core		Broadening & Deepening Electives	
		Core	Major PE	USP Core	USP PE	Common Core	Foundational Core		
· Business Analytics	1	27		12		4	8	6	57
	2	24			3	3	1	6	37
	3	18	3		3		4	9	37
	4	15	6					9	30
	Total	84	9	12	6	7	13	30	161
· Human Resource Consulting	1	27		12		4	8	6	57
	2	12	9		3	3	1	6	34
	3	18	6		3		4	9	40
	4	15	6					9	30
	Total	72	21	12	6	7	13	30	161
· Marketing	1	27		12		4	8	6	57
	2	18	3		3	3	1	6	34
	3	21	3		3		4	9	40
	4	18	3					9	30
	Total	84	9	12	6	7	13	30	161
· Risk Analytics	1	27		12		4	8	6	57
	2	24			3	3	1	6	37
	3	24			3		4	9	40
	4	15	3					9	27
	Total	90	3	12	6	7	13	30	161

Description

⊗ PI – Professional Internship, 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).

^ The AU requirement for the programme with second major is based on the assumption that students select the maximum number of courses which could be used to fulfil two requirements concurrently. Refer to [website](#) for more details.

[] AU of courses that could be used to fulfil Core/Major PE requirement and second major requirement concurrently. Students from the School of Humanities may read any of the Core/Major PE courses that are listed in both your first major and second major. Please consult your School for further advice.

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Summary of Academic Unit Requirements for Degree Programme at NTU For Year 1 Students Admitted in 2024-2025

Turing AI Scholars Programme (TAISP)

Programme	Year of Study	Number of Academic Units (AUs)							Total
		Major Requirements		TAISP Requirement		Interdisciplinary Collaborative Core		Broadening & Deepening Electives	
		Core	Major PE	T-Core	T-MPE	Common Core	Foundational Core		
Artificial and Intelligence and Society	1	3		20	0	9	0	4	36
	2	6		13	0	8	2	10	39
	3	0		6	6	0	10	3	25
	4	12		6	12	0	0	3	33
	Total	21	0	45	18	17	12	20	133
Computer Science	1	9		20	0	9	0	4	42
	2	9		13	0	8	0	10	40
	3	0		6	6	0	10	0	22
	4	14		6	12	0	2	0	34
	Total	32	0	45	18	17	12	14	138
Data Science and Artificial Intelligence	1	3		20	0	9	2	4	38
	2	13		13	0	8	0	10	44
	3	0		6	6	0	10	3	25
	4	10		6	12	0	0	0	28
	Total	26	0	45	18	17	12	17	135

Description

® PI – Professional Internship, 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).

^ The AU requirement for the programme with second major is based on the assumption that students select the maximum number of courses which could be used to fulfil two requirements concurrently. Refer to [website](#) for more details.

[] AU of courses that could be used to fulfil Core/Major PE requirement and second major requirement concurrently. Students from the School of Humanities may read any of the Core/Major PE courses that are listed in both your first major and second major. Please consult your School for further advice.

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