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

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		
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**
Business							
• Actuarial Science	1	22		8	8		38
	2	22		9	5		36
	3	22				15	37
	Total	**66**	**0**	**17**	**13**	**15**	**111**

Description

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For Year 1 Students Admitted in 2024-2025

Single Degree (Single Major) Programmes

Programme	Year of Study	Number of Academic Units (AUs)					
		Major Requirements		Interdisciplinary Collaborative Core		Broadening & Deepening	Total
		Core	Major PE	Common Core	Foundational Core		
• 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**
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[+]**

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

Single Degree (Single Major) Programmes

Programme	Year of Study	Number of Academic Units (AUs)					
		Major Requirements		Interdisciplinary Collaborative Core		Broadening & Deepening	Total
		Core	Major PE	Common Core	Foundational Core		
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**
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**

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For Year 1 Students Admitted in 2024-2025

Single Degree (Single Major) Programmes

Programme	Year of Study	Number of Academic Units (AUs)					
		Major Requirements		Interdisciplinary Collaborative Core		Broadening & Deepening	Total
		Core	Major PE	Common Core	Foundational Core		
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**
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**

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Single Degree (Single Major) Programmes

Programme	Year of Study	Number of Academic Units (AUs)					
		Major Requirements		Interdisciplinary Collaborative Core		Broadening & Deepening	Total
		Core	Major PE	Common Core	Foundational Core		
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	14	3			15	32
	Total	**77**	**6**	**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[+]**
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**

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Single Degree (Single Major) Programmes

Programme	Year of Study	Number of Academic Units (AUs)					
		Major Requirements		Interdisciplinary Collaborative Core		Broadening & Deepening	Total
		Core	Major PE	Common Core	Foundational Core		
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		~~3~~ 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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For Year 1 Students Admitted in 2024-2025

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		
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**

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 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		
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)^	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)^	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)^	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)^	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)^	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)^	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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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)					
		Major Requirements		Interdisciplinary Collaborative Core		Broadening & Deepening Electives	Total
		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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For Year 1 Students Admitted in 2024-2025

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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For Year 1 Students Admitted in 2024-2025

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		
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			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

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		Major Requirements		Interdisciplinary Collaborative Core		Broadening & Deepening Electives	Total
		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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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		
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]**

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 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		
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+**

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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)					
		Major Requirements		Interdisciplinary Collaborative Core		Broadening & Deepening Electives	Total
		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	14	3			18	35
	Total	**65**	**6**	**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	14	3			19	36
	Total	**65**	**6**	**17**	**15**	**39**	**142**

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 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		
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	14	3			18	35
	Total	**77 [9]**	**6**	**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	14	3			21	38
	Total	**77**	**6**	**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			38
	2	20		8	3	9	40
	3	4	14		7	15	40
	4		17			6	23
	Total	**53**	**31**	**17**	**10**	**30**	**141**

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 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		
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**

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For Year 1 Students Admitted in 2024-2025

Single Degree with Second Major Programmes

Programme	Year of Study	Number of Academic Units (AUs)					
		Major Requirements		Interdisciplinary Collaborative Core		Broadening & Deepening	Total
		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	**~~61~~ 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 Eletives	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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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 Eletives	Total
		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

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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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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		
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**

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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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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		
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]**

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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	Total
		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

@ 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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* Offered to prospective students from AY2024 intake onwards.

Note: This summary is subject to changes without notice. As each student's programme requirements differs, students should approach their School's Programme Advisors to understand the requirements where necessary.

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	Total
		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

@ 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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* Offered to prospective students from AY2024 intake onwards.

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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		
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

@ 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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[ ] 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 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

@ 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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[ ] 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 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		9 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**

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		
• 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**

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

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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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		
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
	Total	**109**	**18**	**17**	**13**	**0**	**157**

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

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**

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

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							
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**

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		
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[+]**

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

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**	**127**
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**	**175/176[+]**
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**	**136/137[+]**
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**	**127**
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**	**174/175[+]**
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**	**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**

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^	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

@ 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

University Scholars Programme (USP)

Programme	Year of Study	Number of Academic Units (AUs)							
		Major Requirements		USP Requirement		Interdisciplinary Collaborative Core		Broadening & Deepening Electives	Total
		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)							
		Major Requirements		USP Requirement		Interdisciplinary Collaborative Core		Broadening & Deepening Electives	Total
		Core	Major PE	USP Core	USP PE	Common Core	Foundational Core		
· Human Resource Consulting	1	22				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[+]**

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)							
		Major Requirements		USP Requirement		Interdisciplinary Collaborative Core		Broadening & Deepening	Total
		Core	Major PE	USP Core	USP PE	Common Core	Foundational Core		
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**

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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)							
		Major Requirements		USP Requirement		Interdisciplinary Collaborative Core		Broadening & Deepening Electives	Total
		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	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	14	3		6			9	32
	Total	**77**	**6**	**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**

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)							
		Major Requirements		USP Requirement		Interdisciplinary Collaborative Core		Broadening & Deepening Electives	Total
		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)							
	Major		USP Requirement		Interdisciplinary Collaborative Core		Broadening & Deepening Electives	Total
	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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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)							
		Major Requirements		USP Requirement		Interdisciplinary Collaborative Core		Broadening & Deepening Electives	Total
		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		4	3	35
	4	27				3		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**

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Double Degree-USP Programme

Programme	Year of Study	Number of Academic Units (AUs)							
		Major Requirements		USP Requirement		Interdisciplinary Collaborative Core		Broadening & Deepening Electives	Total
		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**

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