

NTU Entrance Examination Paper Requirements

Check the following table to confirm the papers you will be taking:

Engineering & IT

Programme	English	Maths A-Level	Maths AO-Level	Physics	Chemistry
Aerospace Engineering * +	X	X		X	
Bioengineering * +	X	X		X #	X #
Bioengineering with a Second Major in Food Science & Technology	X	X		X	
Bioengineering with a Second Major in Pharmaceutical Engineering	X	X		X #	X #@
Business & Computing	X	X		X #	X #
Business & Computer Engineering	X	X		X	
Chemical & Biomolecular Engineering * +	X	X		X #	X #
Chemical & Biomolecular Engineering with a Second Major in Food Science & Technology	X	X		X	
Civil Engineering * +	X	X		X	
Civil Engineering with a Second Major in Society and Urban Systems	X	X		X	
Computer Engineering * +	X	X		X	
Computer Science * +	X	X		X #	X #
Data Science and Artificial Intelligence	X	X		X #	X #
Electrical & Electronic Engineering * +	X	X		X	
Electrical And Electronic Engineering with a Second Major in Society and Urban Systems >	X	X		X	
Engineering +	X	X		X	
Environmental Engineering * +	X	X		X	
Environmental Engineering with a Second Major In Society And Urban Systems	X	X		X	
Information Engineering & Media * +	X	X		X	
Materials Engineering * +	X	X		X #	X #@

Programme	English	Maths A-Level	Maths AO-Level	Physics	Chemistry
Materials Engineering with a Second Major in Pharmaceutical Engineering	X	X		X #	X #@
Materials Engineering with a Second Major in Medical Biology	X	X		X #	X #@
Mechanical Engineering * +	X	X		X	
Mechanical Engineering with a Second Major in Society and Urban Systems	X	X		X	
Maritime Studies ▲	X		X		
Maritime Studies with a Second Major in Business ▲	X		X		
Renaissance Engineering Programme >	X	X		X	

Science

Programme	English	Maths A-Level	Maths AO-Level	Physics	Chemistry
Biological Sciences	X	X ^		X ^	X
Biological Sciences and Psychology (Double Major)	X	X ^		X ^	X
Biological Sciences with a Second Major in Food Science & Technology	X	X			X
Biological Sciences with a Second Major in Medicinal Chemistry and Pharmacology	X	X			X
Biological Sciences with a Second Major in Biomedical Structural Biology	X	X ^		X ^	X
Biomedical Sciences and BioBusiness (Double Major)	X	X ^		X ^	X
Biomedical Sciences & Chinese Medicine	X	X ^		X ^	X
Chemistry & Biological Chemistry	X	X ^		X ^	X
Chemistry & Biological Chemistry with a 2 nd Major in Business (International Trading) New	X	X ^		X ^	X
Chemistry & Biological Chemistry with a 2 nd Major in Environmental Science	X	X ^		X ^	X
Chemistry & Biological Chemistry with a Second Major in Food Science & Technology	X	X ^		X ^	X
Environmental Earth Systems Science	X		X	x #	x #
Environmental Earth Systems Science and Public Policy & Global Affairs (Double Major)	X		X	x #	x #
Mathematical and Computer Sciences (Double Major)	X	X		X	
Mathematical Sciences and Economics (Double Major)	X	X		X	
Mathematical Sciences	X	X		X	
Mathematical Sciences with a Minor in Finance	X	X		X	
Physics / Applied Physics	X	X		X	

Programme	English	Maths A-Level	Maths AO-Level	Physics	Chemistry
Physics and Mathematical Sciences (Double Major)	X	X		X	
Applied Physics with a Second Major in Microelectronics Engineering	X	X		X	
Sport Science & Management ▲	X		X		

Medicine

Programme	English	Maths A-Level	Maths AO-Level	Physics	Chemistry
Medicine >	X			X	X

Accountancy & Business

Programme	English	Maths A-Level	Maths AO-Level	Physics	Chemistry
Accountancy	X		X		
Business	X		X		
Accountancy and Business (Double Degree)	X		X		
Accountancy and Business with a Minor in International Trading	X		X		
Accountancy with a Minor in Strategic Communication	X		X		
Accountancy with a Minor in International Trading	X		X		
Accountancy with a Minor in Digitalisation and Data Analytics	X		X		
Business with a Minor in Strategic Communication	X		X		
Business with a Minor in International Trading	X		X		

Humanities, Arts, & Social Sciences

Programme	English	Maths A-Level	Maths AO-Level	Physics	Chemistry
Art, Design & Media	X		X		
Communication Studies	X		X		
Communication Studies with a Second Major in Business	X	X			
Economics	X		X		
Economics with a Second Major in Business	X		X		
English Literature	X		X		
English Literature and Art History (Double Major)	X		X		
History	X		X		
Linguistics and Multilingual Studies	X		X		
Psychology	X		X		
Philosophy	X		X		
Public Policy and Global Affairs	X		X		
Sociology	X		X		

Programme	English	Maths A-Level	Maths AO-Level	Physics	Chemistry
Economics and Media Analytics (Double Major)	X	X			
Economics and Psychology (Double Major)	X	X			
Economics and Public Policy & Global Affairs (Double Major)	X	X			
Psychology and Media Analytics (Double Major)	X	X			
Psychology and Linguistics & Multilingual Studies (Double Major)	X	X			
Psychology with a Second Major in Biological Sciences	X	X [♦]	X [♦]	X [#]	X [#]

^ either Maths (A- Level) or Physics

either Physics or Chemistry

@ Candidate can choose to sit for Chemistry paper provided he/she has taken up Senior High School Level Physics.

♦ either Maths A-Level or AO-Level

* The programme is also offered as a double degree programme with Economics as well as a single degree programme with Second Major in Business. Paper requirements will follow the single degree requirements.

+ The programme is also offered as a single degree programme with a Minor in Business and a Minor in International Trading. Paper requirements will follow the single degree requirements.

▲ Programmes leading to a Bachelor of Science degree.

NOTE:

Shortlisted candidate will sit for 2 – 5 papers, depending on all the choices of programmes indicated in the application form. If choices consist of both Engineering/Science and non-Engineering/Science programmes, Maths (A-Level) will be required in order to qualify for admission to all the choices.

Example	Choices (1 st to 5 th)	Papers required to be taken
1	Computer Science; Engineering; Biological Sciences; Business; Environmental Earth Systems Science	English, Maths 'A' Level, Physics, Chemistry
2	Business & Computing; Business; Economics; Psychology; History	English, Maths 'A' Level, Physics
3	Business; Economics and Psychology; Communication Studies; Psychology; English Literature	English, Maths 'A' Level

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