

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	
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	

Programme	English	Maths A-Level	Maths AO-Level	Physics	Chemistry
Materials Engineering * +	X	X		X #	X #@
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 Environmental Science New	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	

Programme	English	Maths A-Level	Maths AO-Level	Physics	Chemistry
Mathematical Sciences	X	X		X	
Mathematical Sciences with a Minor in Finance	X	X		X	
Physics / Applied Physics	X	X		X	
Physics and Mathematics Sciences (Double Major) New >	X	X		X	
Applied Physics with a Second Major in Microelectronics Engineering New	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 New ♣					
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 New ♣	X		X		
English Literature >	X		X		
English Literature and Art History (Double Major) >	X		X		
History >	X		X		

Programme	English	Maths A-Level	Maths AO-Level	Physics	Chemistry
Linguistics and Multilingual Studies >	X		X		
Psychology ♣	X		X		
Philosophy >	X		X		
Public Policy and Global Affairs ♣	X		X		
Sociology ♣	X		X		
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.

> Selected students will be interviewed for admission.

♣ Interview on a selective basis.

▲ 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

Updated as of 16 Dec 2019