Full-time courses - Maths entry requirements

25/26 academic year

Listed below are full-time courses at NESCol that specify Maths as an entry requirement. A Maths qualification can also be used for entry to courses not listed here, as many do not require a specific subject. Please visit our website for the complete range of courses available and to view detailed entry requirements: **nescol.ac.uk**

Essential - you must have this Maths qualification
Preferable - it is desirable to have this Maths qualification
Optional - there are a choice of subjects for entry to this course, with Maths as an option
University Progression - Maths is not required for entry to this course but is essential for progressing to certain university degrees after college

National 4 Maths

Course	SCQF Level	Nat 4 Maths	Entry Requirements
Pre-Apprenticeship Welding	SCQF Level 5	**Essential**	Nat 4 pass in Maths.
SVQ Level 2 Performing Engineering Operations: Electrical Route	SCQF Level 5	**Essential**	Nat 4 pass in Maths.
Advanced Construction: Built Environment	SCQF Level 6	**Essential**	Nat 4 pass in Maths, plus Nat 5 passes preferably including English, a science subject and Numeracy (other Nat 4/5 qualifications will be considered).
Introduction to Professional Cookery	SCQF Level 4	**Preferable**	Four Nat 4 passes, preferably including Maths and English.
Automotive Maintenance & Repair Principles	SCQF Level 5	**Optional**	One Nat 4 pass in Maths, English or a technical subject.

National 5 Maths

Course	SCQF Level	Nat 5 Maths	Entry Requirements
NC Electrical Engineering	SCQF Level 5	**Essential**	Nat 5 pass in Maths at grade D or above – **Applications of Maths is not accepted**.
NC Engineering Systems: Renewables	SCQF Level 5	**Essential**	Three Nat 5 passes including Maths at grade D or above, English at grade C or above and one practical subject – **Applications of Maths is not accepted**.
ECITB Scholarship Technician Programme – Engineering: Wind Turbine Technician (WT) Pathway	SCQF Level 6	**Essential**	Nat 5 pass in Maths at grade B or above –**Applications of Maths is not accepted**.
Forensic Science & Biotechnology	SCQF Level 6	**Essential**	Nat 5 passes at grade B or above in Maths and two science subjects – Applications of Maths may be accepted if there is evidence of strong qualifications in science.
NC Applied Science	SCQF Level 6	**Essential**	Nat 5 passes at grade B or above in Maths and two science subjects – Applications of Maths may be accepted if there is evidence of strong qualifications in science.
NC Electrical Engineering	SCQF Level 6	**Essential**	Nat 5 pass in Maths at grade B or above – **Applications of Maths is not accepted**.
NC Engineering Systems	SCQF Level 6	**Essential**	Nat 5 pass in Maths at grade B or above – **Applications of Maths is not accepted**.
NC Mechanical Engineering	SCQF Level 6	**Essential**	Nat 5 pass in Maths at grade B or above – **Applications of Maths is not accepted**.
Science Routes to Higher Education	SCQF Level 6	**Essential**	Four Nat 5 passes at grade B or above in your selected subjects. Nat 5 Maths is only essential if you're choosing to study Maths - **Applications of Maths is not accepted**.
Deck Officer Cadet programme	SCQF Level 7	**Essential**	Four Nat 5 passes including Maths, English and one science subject - **Applications of Maths is not accepted**.

HNC Applied Science (Chemistry/ Biology Route)	SCQF Level 7	**Essential**	Nat 5 Maths at grade C or above, plus two Highers in Chemistry and Biology/ Human Biology – **Applications of Maths is not accepted**.
HNC Applied Science (Chemistry/ Physics Route)	SCQF Level 7	**Essential**	Nat 5 Maths at grade B or above, plus two Highers in Chemistry and Physics - **Applications of Maths is not accepted**.
Shell Engineering Scheme	SCQF Level 7	**Essential**	Nat 5 pass in Maths at grade B or above – **Applications of Maths is not accepted**.
HND Accounting	SCQF Level 8	**Essential**	Nat 5 pass in Maths or Applications of Maths, plus two Highers preferably including English.
HND Applied Science (Chemistry/ Biology Route)	SCQF Level 8	**Essential**	Nat 5 Maths at grade C or above, plus two Highers in Chemistry and Biology/ Human Biology – **Applications of Maths is not accepted**.
HND Applied Science (Chemistry/ Physics Route)	SCQF Level 8	**Essential**	Nat 5 Maths at grade B or above, plus two Highers in Chemistry and Physics - **Applications of Maths is not accepted**.
HND Business	SCQF Level 8	**Essential**	Nat 5 pass in Maths, Applications of Maths or Accounting, plus two Highers preferably including Business and English.
Business, Accounting & Administration	Broadly comparable to SCQF Level 5/6	**Preferable**	Three Nat 5 passes, preferably including Maths or Applications of Maths, and English.
Travel, Tourism & Aviation	SCQF Level 6	**Preferable**	Four Nat 5 passes, preferably including Maths, English and Geography.
NC Applied Science	SCQF Level 5	**Optional**	Nat 5 passes at grade C or above in relevant subjects such as Maths, Chemistry, Physics or Biology. Good numeracy skills are essential but a formal Maths qualification is not required.
Access to Software Development	SCQF Level 6	**Optional**	Two Nat 5 passes at grade C or above, preferably including one in computing science or a STEM subject (Science, Technology, Engineering or Maths).

NC Childhood Practice	SCQF Level 6	**University Progression**	For those interested in studying Primary Teaching, Nat 5 Maths or Applications of Maths at grade C is required. We recommend you have this before coming to College.
HNC Childhood Practice	SCQF Level 7	**University Progression**	For those interested in studying Primary Teaching, Nat 5 Maths or Applications of Maths at grade C is required. We recommend you have this before coming to College.
HNC Social Services	SCQF Level 7	**University Progression**	For those interested in progressing to Year 2 of a Social Work degree at RGU, Nat 5 Maths is required. We recommend you have this before coming to College.

Higher Maths

Course	SCQF Level	Higher Maths	Entry Requirements
HNC Electrical Engineering	SCQF Level 7	**Essential**	One Higher in Maths – **Applications of Maths is not accepted.**
HNC Mechanical Engineering	SCQF Level 7	**Essential**	One Higher in Maths – **Applications of Maths is not accepted.**
HND Electrical Engineering	SCQF Level 8	**Essential**	One Higher in Maths – **Applications of Maths is not accepted.**
HND Mechanical Engineering	SCQF Level 8	**Essential**	One Higher in Maths – **Applications of Maths is not accepted.**
HNC Sports Coaching & Development	SCQF Level 7	**Optional**	Two Highers in PE and another relevant subject such as Maths, English or Science.
HND Fitness, Health & Exercise	SCQF Level 8	**Optional**	Two Highers in PE and another relevant subject such as Maths, English or Science.
HND Sports Coaching & Development	SCQF Level 8	**Optional**	Two Highers in PE and another relevant subject such as Maths, English or Science.

Information is correct at time of publication but subject to change. Full course requirements are available on individual course pages on the website. If you have any questions, please contact **enquiry@nescol.ac.uk**