

Qualifications Policy

Title: The University of Southampton International Baccalaureate Revised Mathematics Statement (for 2021 entry)

From: Nicky Stecker-Doxat (*Education Policy Development Manager*) **Date:** May 2019

In response to the changes to the International Baccalaureate (IB) Mathematics offering for which first teaching will begin in September 2019, the University of Southampton has considered the suitability of the two new routes (*Analysis and approaches* and *Applications and interpretation*) for 2021 entry. The table below provides a list of the undergraduate degree programmes that either require or prefer Mathematics, and which of the two new IB Mathematics routes will be accepted to meet the entry requirements.

Further information regarding the University's admissions policies, entry requirements and selection criteria can be found in the [University of Southampton Admissions Policy](#) and on the individual [course webpages](#). As with all of our admissions policies, the UoS will continue to monitor and review its selection criteria to ensure that it is fulfilling its aim of attracting the most talented students, irrespective of educational background.

International Baccalaureate (IB) revised mathematics routes for UoS undergraduate degree programmes that either require or prefer mathematics

Faculty	Subject	Degree Programme	IB Maths requirement (<i>grades based on typical offer for 2020 entry</i>)
Faculty of Art and Humanities	Philosophy	VL51 BA Economics and Philosophy	Analysis and Approaches or Applications and Interpretation HL5 (or SL5)
		LV16 BA Economics and Philosophy (with Year Abroad)	Analysis and Approaches or Applications and Interpretation HL5 (or SL5)
		L0V1 BA Philosophy, Politics and Economics	Analysis and Approaches or Applications and Interpretation HL5 (or SL5)
		V5L2 BA Philosophy, Politics and Economics (with Year Abroad)	Analysis and Approaches or Applications and Interpretation HL5 (or SL5)
		VG51 BA Philosophy and Mathematics	Preference for Analysis and Approaches (H6)
		VG52 BA Philosophy and Mathematics (with Year Abroad)	Preference for Analysis and Approaches (H6)
Faculty of Social Sciences	Mathematical Sciences	G1N3 BSc Mathematics with Actuarial Science	Preference for Analysis and Approaches (H6)
		G1NH BSc Mathematics with Finance	Preference for Analysis and Approaches (H6)
		GL12 BSc MORSE (Mathematics, Operational Research, Statistics and Economics)	Preference for Analysis and Approaches (H6)
		GL11 MMORSE (Mathematics, Operational Research, Statistics and Economics)	Preference for Analysis and Approaches (H6)
		G1G4 BSc Mathematics with Computer Science	Preference for Analysis and Approaches (H6)
		G120 BSc Mathematical Sciences	Preference for Analysis and Approaches (H6)

	G100 BSc Mathematics	Preference for Analysis and Approaches (H6)
	G1R1 BSc Mathematics with French	Preference for Analysis and Approaches (H6)
	G1R2 BSc Mathematics with German	Preference for Analysis and Approaches (H6)
	G1R4 BSc Mathematics with Spanish	Preference for Analysis and Approaches (H6)
	G1G3 BSc Mathematics with Statistics	Preference for Analysis and Approaches (H6)
	FF34 MMath Mathematical Physics	Preference for Analysis and Approaches (H6)
	G103 MMath Mathematics	Preference for Analysis and Approaches (H6)
Economics	NL41 BSc Accounting and Economics	Analysis and Approaches or Applications and Interpretation HL5 (or SL5)
	L1NH BSc Economics and Finance	Analysis and Approaches or Applications and Interpretation (HL5)
	L1N3 BSc Economics and Actuarial Science	Analysis and Approaches or Applications and Interpretation (HL6)
	L100 BSc Economics	Analysis and Approaches or Applications and Interpretation (HL5)
	L112 BSc Economics and Management Sciences	Analysis and Approaches or Applications and Interpretation HL5 (or SL5)
	L101 M.Econ Master in Economics	Analysis and Approaches or Applications and Interpretation (HL5)
Politics	LL12 BSc Politics and Economics	Analysis and Approaches or Applications and Interpretation HL5 (or SL5)
Social Statistics and Demography	L90B BSc Quantitative Social Science	Analysis and Approaches or Applications and Interpretation (HL5)

	Business School	F97C BSc Finance	Analysis and Approaches or Applications and Interpretation (HL5)
		F98C BSc Finance with Placement	Analysis and Approaches or Applications and Interpretation (HL5)
Faculty of Environmental and Life Sciences	Geophysics	F640 BSc Geophysical Sciences	Analysis and Approaches(HL6) or Applications and Interpretation (HL7)
		F660 MSci Geophysics	Analysis and Approaches(HL6) or Applications and Interpretation (HL7)
	Ocean and Earth Sciences	F6F8 BSc Geology with Physical Geography	Analysis and Approaches or Applications and Interpretation (HL5)
		F7F8 BSc Oceanography with Physical Geography	Analysis and Approaches or Applications and Interpretation (HL5)
		F713 BSc Marine Biology	Analysis and Approaches or Applications and Interpretation (HL5)
		F7C1 BSc Marine Biology with Oceanography	Analysis and Approaches or Applications and Interpretation (HL5)
		7N16 MSci Biology and Marine Biology	Analysis and Approaches or Applications and Interpretation (HL5)
		F703 MSci Marine Biology	Analysis and Approaches or Applications and Interpretation (HL5)
		F7C2 MSci Marine Biology with Oceanography	Analysis and Approaches or Applications and Interpretation (HL5)
		F710 BSc Oceanography	Analysis and Approaches or Applications and Interpretation (HL5)
		F700 MSci Oceanography	Analysis and Approaches or Applications and Interpretation (HL5)
		F7R1 MSci Oceanography with French	Analysis and Approaches or Applications and Interpretation (HL5)
		Biological Sciences	C700 BSc Biochemistry

	C701 MBiochem Master of Biochemistry	Analysis and Approaches or Applications and Interpretation (HL6)
	C100 BSc Biology	Analysis and Approaches or Applications and Interpretation (HL5)
	C101 MSci Biology	Analysis and Approaches or Applications and Interpretation (HL6)
	7N16 MSci Biology and Marine Biology	Analysis and Approaches or Applications and Interpretation (HL5)
	B940 BSc Biomedical Sciences	Analysis and Approaches or Applications and Interpretation (HL5)
	B991 MBioSci Master of Biomedical Sciences	Analysis and Approaches or Applications and Interpretation (HL6)
	C181 BSc Ecology and Conservation	Analysis and Approaches or Applications and Interpretation (HL5)
	C180 MSci Ecology and Conservation	Analysis and Approaches or Applications and Interpretation (HL6)
	B140 Master of Neuroscience	Analysis and Approaches or Applications and Interpretation (HL6)
	B210 BSc Pharmacology	Analysis and Approaches or Applications and Interpretation (HL5)
	C300 BSc Zoology	Analysis and Approaches or Applications and Interpretation (HL5)
	C301 MSci Zoology	Analysis and Approaches or Applications and Interpretation (HL5)
Geography and Environmental Science	F750 BSc Environmental Management with Business	Analysis and Approaches or Applications and Interpretation (HL5)
	F900 BSc (Hons) Environmental Science	Analysis and Approaches or Applications and Interpretation (HL5)
	F902natio MEnvSci (Hons) Environmental Science	Analysis and Approaches or Applications and Interpretation (HL5)

	Natural Sciences	4T88 MSci Natural Sciences	Analysis and Approaches or Applications and Interpretation (HL6)
Faculty of Engineering and Physical Sciences	Acoustical Engineering	HH72/H722 BEng/MEng (Hons) Acoustical Engineering	Analysis and Approaches(HL6) or Applications and Interpretation (HL7)
		HW73 BSc (Hons) Acoustics with Music	Analysis and Approaches(HL6) or Applications and Interpretation (HL7)
	Mechanical Engineering	H300 BEng (Hons) Mechanical Engineering	Analysis and Approaches(HL6) or Applications and Interpretation (HL7)
		H301 MEng Mechanical Engineering	Analysis and Approaches(HL6) or Applications and Interpretation (HL7)
		4R23 MEng Mechanical Engineering / Acoustical Engineering	Analysis and Approaches(HL6) or Applications and Interpretation (HL7)
		HJ35 MEng Mechanical Engineering / Advanced Materials	Analysis and Approaches(HL6) or Applications and Interpretation (HL7)
		HH34 MEng Mechanical Engineering / Aerospace	Analysis and Approaches(HL6) or Applications and Interpretation (HL7)
		H390 MEng Mechanical Engineering / Automotive	Analysis and Approaches(HL6) or Applications and Interpretation (HL7)
		4R29 MEng Mechanical Engineering / Biomedical Engineering	Analysis and Approaches(HL6) or Applications and Interpretation (HL7)
		5P01 MEng Mechanical Engineering / Computational Engineering and Design	Analysis and Approaches(HL6) or Applications and Interpretation (HL7)
		HN32 MEng Mechanical Engineering / Engineering Management	Analysis and Approaches(HL6) or Applications and Interpretation (HL7)
		HH37 MEng Mechanical Engineering / Mechatronics	Analysis and Approaches(HL6) or Applications and Interpretation (HL7)
		HH35 MEng Mechanical Engineering / Naval Engineering	Analysis and Approaches(HL6) or Applications and Interpretation (HL7)
		HH32 MEng Mechanical Engineering / Sustainable Energy Systems	Analysis and Approaches(HL6) or Applications and Interpretation (HL7)

Ship Science	J640 BEng (Hons) Ship Science	Analysis and Approaches(HL6) or Applications and Interpretation (HL7)
	J641 MEng Ship Science	Analysis and Approaches(HL6) or Applications and Interpretation (HL7)
	J644 MEng Ship Science / Advanced Materials	Analysis and Approaches(HL6) or Applications and Interpretation (HL7)
	JN62 MEng Ship Science / Engineering Management	Analysis and Approaches(HL6) or Applications and Interpretation (HL7)
	J642 MEng Ship Science / Naval Architecture	Analysis and Approaches(HL6) or Applications and Interpretation (HL7)
	H500 MEng Ship Science / Naval Engineering	Analysis and Approaches(HL6) or Applications and Interpretation (HL7)
	3S28 MEng Ship Science / Offshore Engineering	Analysis and Approaches(HL6) or Applications and Interpretation (HL7)
	J643 MEng Ship Science / Yacht and Small Craft	Analysis and Approaches(HL6) or Applications and Interpretation (HL7)
Mechatronic Engineering	HH36 BEng Mechatronic Engineering	Analysis and Approaches(HL6) or Applications and Interpretation (HL7)
	HHH6 MEng Mechatronic Engineering	Analysis and Approaches(HL6) or Applications and Interpretation (HL7)
Aerospace Engineering	H401 MEng Aeronautics & Astronautics	Analysis and Approaches(HL6) or Applications and Interpretation (HL7)
	H422 BEng (Hons) Aeronautics & Astronautics	Analysis and Approaches(HL6) or Applications and Interpretation (HL7)
	H490 MEng Aeronautics & Astronautics / Aerodynamics	Analysis and Approaches(HL6) or Applications and Interpretation (HL7)
	H491 MEng Aeronautics & Astronautics / Air vehicle Systems Design	Analysis and Approaches(HL6) or Applications and Interpretation (HL7)
	O9F4 MEng Aeronautics & Astronautics / Computational Engineering and Design	Analysis and Approaches(HL6) or Applications and Interpretation (HL7)

	HN42 MEng Aeronautics & Astronautics / Engineering Management	Analysis and Approaches(HL6) or Applications and Interpretation (HL7)
	7T32 MEng Aeronautics & Astronautics / Materials and Structures	Analysis and Approaches(HL6) or Applications and Interpretation (HL7)
	39C5 MEng Aeronautics & Astronautics / Semester Abroad	Analysis and Approaches(HL6) or Applications and Interpretation (HL7)
	32F6 MEng Aeronautics & Astronautics / Semester in Industry	Analysis and Approaches(HL6) or Applications and Interpretation (HL7)
	H493 MEng Aeronautics & Astronautics / Spacecraft Engineering	Analysis and Approaches(HL6) or Applications and Interpretation (HL7)
Audiology	B610 BSc Audiology	Analysis and Approaches(HL5) or Applications and Interpretation (HL6)
	B611 MSci Audiology	Analysis and Approaches(HL5) or Applications and Interpretation (HL6)
Civil Engineering	H200 BEng Civil Engineering	Analysis and Approaches(HL6) or Applications and Interpretation (HL7)
	4SY8 MEng Civil and Environmental Engineering	Analysis and Approaches(HL6) or Applications and Interpretation (HL7)
	H201 MEng Civil Engineering	Analysis and Approaches(HL6) or Applications and Interpretation (HL7)
	HK21 MEng Civil Engineering and Architecture	Analysis and Approaches(HL6) or Applications and Interpretation (HL7)
Computer Science & Software Engineering	G4G6 BEng Software Engineering	Analysis and Approaches(HL6) or Applications and Interpretation (HL7)
	G400 BSc Computer Science	Analysis and Approaches(HL6) or Applications and Interpretation (HL7)
	G401 MEng Computer Science	Analysis and Approaches(HL6) or Applications and Interpretation (HL7)
	G4GR MEng Computer Science with Artificial Intelligence	Analysis and Approaches(HL6) or Applications and Interpretation (HL7)

	II10 MEng Computer Science with Cyber Security	Analysis and Approaches(HL6) or Applications and Interpretation (HL7)
	G600 MEng Software Engineering	Analysis and Approaches(HL6) or Applications and Interpretation (HL7)
Electrical and Electronic Engineering	H600 BEng Electrical and Electronic Engineering	Analysis and Approaches(HL6) or Applications and Interpretation (HL7)
	H602 MEng Electrical and Electronic Engineering	Analysis and Approaches(HL6) or Applications and Interpretation (HL7)
	H620 BEng Electrical Engineering	Analysis and Approaches(HL6) or Applications and Interpretation (HL7)
	H601 MEng Electrical Engineering	Analysis and Approaches(HL6) or Applications and Interpretation (HL7)
	H610 BEng Electronic Engineering	Analysis and Approaches(HL6) or Applications and Interpretation (HL7)
	H603 MEng Electronic Engineering	Analysis and Approaches(HL6) or Applications and Interpretation (HL7)
	H6G7 MEng Electronic Engineering with Artificial Intelligence	Analysis and Approaches(HL6) or Applications and Interpretation (HL7)
	H6G4 MEng Electronic Engineering with Computer Systems	Analysis and Approaches(HL6) or Applications and Interpretation (HL7)
	H691 MEng Electronic Engineering with Mobile and Secure Systems	Analysis and Approaches(HL6) or Applications and Interpretation (HL7)
	H611 MEng Electronic Engineering with Nanotechnology	Analysis and Approaches(HL6) or Applications and Interpretation (HL7)
	H680 MEng Electronic Engineering with Photonics	Analysis and Approaches(HL6) or Applications and Interpretation (HL7)
	H641 MEng Electronic Engineering with Wireless Communications	Analysis and Approaches(HL6) or Applications and Interpretation (HL7)
	Aerospace Electronic Engineering	H403 BEng Aerospace Electronic Engineering

	H402 MEng Aerospace Electronic Engineering	Analysis and Approaches(HL6) or Applications and Interpretation (HL7)
Biomedical Electronic Engineering	B90B MEng Biomedical Electronic Engineering	Analysis and Approaches(HL6) or Applications and Interpretation (HL7)
	BB90 BEng Biomedical Electronic Engineering	Analysis and Approaches(HL6) or Applications and Interpretation (HL7)
Physics & Astronomy	F3FM MPhys Astrophysics with a Year Abroad	Analysis and Approaches or Applications and Interpretation (HL6)
	F3FM MPhys with Astronomy	Analysis and Approaches or Applications and Interpretation (HL6)
	F300 BSc Physics	Analysis and Approaches or Applications and Interpretation (HL6)
	F303 MPhys Particle Physics with a Research Year Abroad	Analysis and Approaches or Applications and Interpretation (HL6)
	F303 MPhys Physics	Analysis and Approaches or Applications and Interpretation (HL6)
	F303 MPhys Physics with a Year of Experimental Research	Analysis and Approaches or Applications and Interpretation (HL6)
	F303 MPhys Physics with Industrial Placement	Analysis and Approaches or Applications and Interpretation (HL6)
	F3GC MPhys Physics with Mathematics	Analysis and Approaches or Applications and Interpretation (HL6)
	F390 MPhys Physics with Nanotechnology	Analysis and Approaches or Applications and Interpretation (HL6)
	F369 MPhys Physics with Photonics	Analysis and Approaches or Applications and Interpretation (HL6)
	F3FX MPhys Physics with Space Science	Analysis and Approaches or Applications and Interpretation (HL6)
Chemistry and Natural Sciences	F100 BSc Chemistry	Preference for Analysis and Approaches (H5)

		F103 MChem Chemistry	Preference for Analysis and Approaches (H6) (min HL5 for AAB)
		F1GC MChem Chemistry with Maths	Preference for Analysis and Approaches (H6) (min HL5 for AAB)
		F1BC MChem Chemistry with Medicinal Sciences	Preference for Analysis and Approaches (H6) (min HL5 for AAB)
		F101 MChem Chemistry with research project abroad or industry experience	Preference for Analysis and Approaches (H6) (min HL5 for AAB)
		F102 MChem Chemistry with year-long industry experience	Preference for Analysis and Approaches (H6) (min HL5 for AAB)
		FC17 MSci Chemistry and Biochemistry	Preference for Analysis and Approaches (H6) (min HL5 for AAB)
	Foundation Year	Engineering/Physics/Maths/Geophysics	Analysis and Approaches or Applications and Interpretation (HL5)
Faculty of Medicine	Medicine	BMBS Medicine and BMedSc (BM5)	Analysis and Approaches or Applications and Interpretation (HL6)
		BMBS Medicine and BMedSc (BM6, widening participation)	Analysis and Approaches or Applications and Interpretation (HL5)