POLITECNICO DI TORINO

ANNEX B
SPECIFIC REQUIREMENTS FOR UK ,U.S. AND SCOTTISH HIGH SCHOOL DIPLOMAS FOR A.Y 2020/21

UK HIGH SCHOOL DIPLOMAS

Applicants with a UK high school diploma (GCSE) must have passed at least three A-levels in three different subjects related to the Bachelor's degree programme they are applying for. The subjects which are currently considered by Politecnico di Torino as being related to its degree programmes are listed below; new subjects might be added to this list.

LIST OF A LEVEL SUBJECTS

Engineering: 3 elective subjects among the following:	Architecture; Territorial, Urban, Environmental and Landscape Planning; Design and Communication: 3 elective subjects among the following:
Mathematics	Art and Design
Mathematics – Further*	Art and Design NEW cod. 9479
Biology	Classical Studies
Chemistry	Mathematics
Environmental Management (only available at AS-level, therefore it is necessary to achieve another AS in order to raise it to A Level)	Mathematics – Further*
Physical Science	Biology
Physics	Chemistry
Business	Environmental Management (only available at AS-level, therefore it is necessary to achieve another AS in order to raise it to A Level)
Economics	Physical Science
Applied Information and Communication Technology	Physics
Computer Science	Business
Computing	Economics
Design and Technology	Applied Information and Communication Technology
Information Technology	Computer Science
	Computing
	Design and Technology
	Information Technology
	Digital Media & Design - 9481 New
	Media studies – 9607 New

Politecnico di Torino, in compliance with the principles of university self-government, has determined that the A-level ITALIAN LANGUAGE cannot be **counted** as one of the related subjects necessary to fulfill Politecnico admission requirements.
The A-level ITALIAN LANGUAGE is valid as a substitute for the Italian language certificate (B1 level) for students who need to prove their knowledge of the Italian language for admission to Politecnico.

Approved by the "Commissione Istruttoria per il Coordinamento dell'attività didattica e formativa" in its meeting held on 21st November 2016 and 17th February 2020

(*) Added with Executive Decision no.1762 of 29/11/2018.

SCOTTISH HIGH SCHOOL DIPLOMAS

Applicants with a Scottish high school diploma must have at least 3 *Advanced Highers or, alternatively, 2 Advanced Highers plus at least 4 Highers* in different subjects related to the Bachelor's degree programme they are applying for. The subjects which are currently considered by Politecnico di Torino as related to its degree programmes are listed below

LIST OF A LEVEL SUBJECTS

Engineering - 3 elective subjects among the following:

HIGHERS https://www.sqa.org.uk/sqa/25147.2550.html	ADVANCED HIGHERS https://www.sqa.org.uk/sqa/80555.html
Business, Administration, Accounting & Finance	Administration and Information Technology (Fixed Framework)
Chemical & Process	Architectural Technology
Computing, IT & Related Areas	Building Surveying
Construction	Built Environment
Creative Industries	Business
Engineering	Business (Fixed Framework)
Quality	Business with Accounting (Fixed Framework)
Science and Mathematics	Business with HRM (Fixed Framework)
Supply Chain Management	Business with Information Technology (Fixed Framework)
Energy and utilities	Business with Marketing (Fixed Framework)
Water	Chemical Engineering
Land and Environment	Chemical Process Technology
	Civil Engineering
	Computer Aided Architectural Design & Technology
	Computer Aided Draughting and Design
	Computer Science
	Computing
	Computing: Networking
	Computing: Networking (Fixed Framework)
	Computing: Software Development
	Computing: Software Development (Fixed Framework)
	Computing: Technical Support
	Computing: Technical Support (Fixed Framework)
	Construction Management
	Electronic Engineering (Fixed Framework)
	Electronics
	Engineering Practice
	Engineering Systems
	Financial and Business Management
	Marine Engineering
	Measurement and Control Engineering
	Mechanical Engineering
	Mechatronics
	Petroleum Engineering
	Supply Chain Management (Fixed Framework)
	Electrical Engineering
	Financial and Business Management (Lapsing)

Architecture; Territorial, Urban, Environmental and Landscape Planning; Design and Communication → elective subjects among the following::

HIGHERS https://www.sqa.org.uk/sqa/25147.2550.html	ADVANCED HIGHERS https://www.sqa.org.uk/sqa/80555.html
Art	Architectural Technology
Construction	Art and Design
Creative Industries	Building Surveying
Science and Mathematics	Built Environment
Land and Environment	Civil Engineering
	Computer Aided Architectural Design & Technology
	Computer Aided Draughting and Design

Politecnico di Torino, in compliance with the principles of university self-government, has determined that the Advanced Higher ITALIAN LANGUAGE cannot be counted as one of the related subjects necessary to fulfill Politecnico admission requirements.
The Advanced Higher ITALIAN LANGUAGE[1] is valid as a substitute for the Italian language certificate (B1 level) for students who need the prove their knowledge of the Italian language for admission to Politecnico.

Approved by the "Commissione Istruttoria per il Coordinamento dell'attività didattica e formativa" in its meeting held on 19th June 2018 and 17th February 2020.

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[1] https://www.sqa.org.uk/sqa/48456.html ; https://www.sqa.org.uk/files/nq/AHCourseSpecModernLanguages.pdf

US HIGH SCHOOL DIPLOMAS

Applicants with a US high school diploma must have completed 3 Advanced Placement (AP) courses with a grade between 3 and 5 in three different subjects that are related to the degree programme they are applying for. The subjects which are currently considered by Politecnico di Torino as being related to its degree programmes are listed below.

LIST OF AP COURSES

Engineering: 3 subjects chosen from those listed in the "Math and Computer Science/ Sciences (STEM)" section and in the "History & Social Sciences" section		Architecture; Territorial, Urban, Environmental and Landscape Planning; Design and Communication: 1 subject among those listed in the "Arts" section, 1 subject among those listed in the "Math and Computer Science/ Sciences (STEM)" SECTION + 1 subject chosen from those listed in the "Math and Computer Science/ Sciences (STEM)" section or in the "Arts" section	
AREA	**AP**	**AREA**	**AP**
History & Social Sciences	AP Macroeconomics	Arts	AP Art History
	AP Microeconomics		AP Studio Art 2-D Design
Math and Computer Science / Sciences (STEM)	AP Biology		AP Studio Art 3-D Design
	AP Calculus AB		AP Studio Art Drawing
	AP Calculus BC		AP 2-D Art and Design
	AP Chemistry		AP 3-D Art and Design
	AP Computer Science A		AP Drawing
	AP Environmental Science	Math and Computer Science / Sciences (STEM)	AP Biology
	AP Physics 1		AP Calculus AB
	AP Physics 2		AP Calculus BC
	AP Physics C: Electricity and Magnetism		AP Chemistry
	AP Physics C: Mechanics		AP Computer Science A
	AP Statistics		AP Environmental Science
	AP Computer Science Principles		AP Physics 1
	AP Physics 1 – Algebra Based		AP Physics 2
	AP Physics 2 – Algebra Based		AP Physics C: Electricity and Magnetism
			AP Physics C: Mechanics
			AP Statistics
			AP Computer Science Principles
			AP Physics 1 – Algebra Based
			AP Physics 2 – Algebra Based

Politecnico di Torino, in compliance with the principles of university self-government, has determined that the AP ITALIAN LANGUAGE course cannot be **counted** as one of the related subjects necessary to fulfill Politecnico admission requirements.
The AP ITALIAN LANGUAGE course is valid as a substitute for the Italian language certificate (B1 level) for students who need the prove their knowledge of the Italian language for admission to Politecnico

Approved by the "Commissione Istruttoria per il Coordinamento dell'attività didattica e formativa" in its meeting held on 19th June 2018 and 17th February 2020.

INTERNATIONAL BACCALAUREATE (IB)

The International Baccalaureate Diploma is valid for admission to Politecnico Bachelor's degree programmes **IF**

a) the diploma was awarded after a period of 12 or 13 years of school attendance; and **IF**

b) applicants meet the following general requirements:
   - at least 24 points earned in six optional subjects (of which 12 points must have been earned in subjects taken at "Higher Level")
   - passing grade in the three core subjects: Theory of Knowledge (TOK), Creativity, Action, Service (CAS) e Extended Essay (EE).