

International Baccalaureate DP Examination Session (May 2021 and beyond)

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MAA = Mathematics: Analysis and Approaches

MAI = Mathematics: Applications and Interpretation

Concurrent Degree Programmes		
Programme Title	Subject prerequisites	Selection test / Interview
Information Systems & Master of Science (Management) (NUS)	Pass in HL MAA; <u>OR</u> a good pass in SL MAA or HL MAI.	Yes
Law & Master in Public Policy	At least a grading of 5 points in SL/HL English ⁺ OR SL Literature & Performance; OR SAT Critical Reading/Evidence-Based Reading and Writing score of 700 accompanied by a minimum grading of 4 points for SL English or SL Literature & Performance. ⁺ SL/HL English refers to SL/HL English A: Language and Literature, SL/HL English A: Literature, SL/HL English B.	Yes

Double Degree Programmes		
Programme Title	Subject prerequisites	Selection test / Interview
Arts & Social Sciences (NUS) & Arts (Sciences Po)	Please take note of the application procedures, including the application window, at http://www.usp.nus.edu.sg/nus-sciencespo/apply/ .	Yes
Business Administration & Business Analytics	Pass in HL MAA.	No
Business Administration & Communications and New Media	Minimum prevailing admission criteria of both programmes^ <i>^Minimum admission criteria for Business Administration is a pass in HL MAA or SL MAA or HL MAI.</i>	No
Business Administration & Computer Science	Pass in HL MAA; <u>OR</u> a good pass in SL MAA or HL MAI.	No
Business Administration & Information Systems	Pass in HL MAA; <u>OR</u> a good pass in SL MAA or HL MAI.	No
Business Administration & Law	Pass in HL MAA or SL MAA or HL MAI; and at least a grading of 5 points in SL/HL English ⁺ OR SL Literature & Performance; OR SAT Critical Reading/Evidence-Based Reading and Writing score of 700 accompanied by a minimum grading of 4 points for SL English or SL Literature & Performance. <i>⁺SL/HL English refers to SL/HL English A: Language and Literature, SL/HL English A: Literature, SL/HL English B.</i>	Yes
Business Analytics & Economics	Pass in HL MAA.	No
Computer Engineering & Business Administration	Pass in HL MAA; and either HL Physics or HL Chemistry or HL Computer Science. # <i># Students without HL Physics need to have SL Physics or 'O' Level Physics or equivalent and would be required to take specified Physics bridging courses.</i>	No
Computer Engineering & Economics	Pass in HL MAA; and either HL Physics or HL Chemistry or HL Computer Science. # <i># Students without HL Physics need to have SL Physics or 'O' Level Physics or equivalent and would be required to take specified Physics bridging courses.</i>	No

Double Degree Programmes		
Programme Title	Subject prerequisites	Selection test / Interview
Economics & Business Administration	Minimum prevailing admission criteria of both programmes [^] <i>[^]Minimum admission criteria for Business Administration is a pass in HL MAA or SL MAA or HL MAI.</i>	No
Economics & Law	Pass in HL MAA; and at least a grading of 5 points in SL/HL English ⁺ OR SL Literature & Performance; OR SAT Critical Reading/Evidence-Based Reading and Writing score of 700 accompanied by a minimum grading of 4 points for SL English or SL Literature & Performance. <i>⁺SL/HL English refers to SL/HL English A: Language and Literature, SL/HL English A: Literature, SL/HL English B.</i>	Yes
Engineering & Business Administration	Pass in HL MAA.	No
Engineering & Economics	Pass in HL MAA.	No
Information Systems & Economics	Pass in HL Computer Science or HL MAA; OR a good pass in SL MAA or HL MAI.	No
Mathematics & Computer Science	Good pass in HL MAA; and a good pass in HL Computer Science or HL Physics or HL Chemistry or HL Biology.	No

Specialisation Programmes		
Programme Title	Subject prerequisites	Selection test / Interview
Biomedical Engineering (Biomedical Materials Specialisation)	Pass in HL MAA.	No
Biomedical Engineering (Community Healthcare and Technology Specialisation)	Pass in HL MAA.	No
Biomedical Engineering (Robotics Specialisation)	Pass in HL MAA.	No
Biomedical Engineering (Tissue Engineering Specialisation)	Pass in HL MAA.	No
Chemical Engineering (Biopharmaceutical Engineering Specialisation)	Pass in HL MAA.	No
Chemical Engineering (Industry 4.0 Specialisation)	Pass in HL MAA.	No
Chemical Engineering (Process Engineering Specialisation)	Pass in HL MAA.	No
Civil Engineering (Digitalization in Urban Infrastructure Specialisation)	Pass in HL MAA.	No
Computer Engineering (Advanced Electronics Specialisation)	Pass in HL MAA; and HL Physics or HL Chemistry or HL Computer Science. # <i># Students without HL Physics need to have SL Physics or 'O' Level Physics or equivalent and would be required to take specified Physics bridging courses.</i>	No

Specialisation Programmes		
Programme Title	Subject prerequisites	Selection test / Interview
Computer Engineering (Industry 4.0 Specialisation)	Pass in HL MAA; and HL Physics or HL Chemistry or HL Computer Science. # <i># Students without HL Physics need to have SL Physics or 'O' Level Physics or equivalent and would be required to take specified Physics bridging courses.</i>	No
Computer Engineering (Internet of Things Specialisation)	Pass in HL MAA; and HL Physics or HL Chemistry or HL Computer Science. # <i># Students without HL Physics need to have SL Physics or 'O' Level Physics or equivalent and would be required to take specified Physics bridging courses.</i>	No
Computer Engineering (Robotics Specialisation)	Pass in HL MAA; and HL Physics or HL Chemistry or HL Computer Science. # <i># Students without HL Physics need to have SL Physics or 'O' Level Physics or equivalent and would be required to take specified Physics bridging courses.</i>	No
Computer Engineering (Space Technology Specialisation)	Pass in HL MAA; and HL Physics or HL Chemistry or HL Computer Science. # <i># Students without HL Physics need to have SL Physics or 'O' Level Physics or equivalent and would be required to take specified Physics bridging courses.</i>	No
Electrical Engineering (Advanced Electronics Specialisation)	Pass in HL MAA.	No
Electrical Engineering (Industry 4.0 Specialisation)	Pass in HL MAA.	No
Electrical Engineering (Internet of Things Specialisation)	Pass in HL MAA.	No

Specialisation Programmes		
Programme Title	Subject prerequisites	Selection test / Interview
Electrical Engineering (Robotics Specialisation)	Pass in HL MAA.	No
Electrical Engineering (Space Technology Specialisation)	Pass in HL MAA.	No
Electrical Engineering (Sustainable Electric Transportation Specialisation)	Pass in HL MAA.	No
Environmental Engineering (Digitalization in Urban Infrastructure Specialisation)	Pass in HL MAA.	No
Industrial & Systems Engineering (Analytics and Decision Intelligences Specialisation)	Pass in HL MAA.	No
Industrial & Systems Engineering (Supply Chain Analytics Specialisation)	Pass in HL MAA.	No
Industrial & Systems Engineering (Sustainability Analytics Specialisation)	Pass in HL MAA.	No
Materials Science & Engineering (Biomedical Materials Specialisation)	Pass in HL MAA.	No
Materials Science & Engineering (Functional Intelligent Materials Specialisation)	Pass in HL MAA.	No
Materials Science & Engineering (Microelectronics & Quantum Materials Specialisation)	Pass in HL MAA.	No

Specialisation Programmes		
Programme Title	Subject prerequisites	Selection test / Interview
Materials Science & Engineering (Renewable Energy and Sustainability Specialisation)	Pass in HL MAA.	No
Mechanical Engineering (Aeronautical Engineering Specialisation)	Pass in HL MAA.	No
Mechanical Engineering (Robotics Specialisation)	Pass in HL MAA.	No
Mechanical Engineering (Industry 4.0 Specialisation)	Pass in HL MAA.	No

Double Major Programmes

Click [here](#) for more details.

Minor Programmes

Click [here](#) for more details.

Special Programmes offered by the College of Design and Engineering

Programme Title	Subject prerequisites	Selection test / Interview
Engineering & Medicine (Duke-NUS)	Will be considered for the Programme if admitted to an Engineering programme.	Yes
Engineering Scholars Programme	Will be considered for the Programme if admitted to an Engineering programme.	Yes