

Programme Prerequisites for International Students with International Qualifications

Information correct as at November 2024

Concurrent Degree Programmes

| Programme Title | Subject requirements |
|-------------------------------|--|
| Law & Master in Public Policy | A high proficiency in the English Language |

Double Degree Programmes

| Programme Title | Subject requirements |
|---|--|
| Arts & Social Sciences (NUS) and Arts (Sciences Po) | Please read carefully its application procedures, including the application window, at https://nuscollege.nus.edu.sg/academics/double-degrees-program/nus-sciences-po/ . |
| Business Administration and Computer Science <i>Applicable to all Business majors (except Real Estate) and only Computer Science major</i> | Year 12 or higher level pass in Mathematics |
| Business Administration and Law | Year 12 or higher level pass in Mathematics <u>and</u> a high level of proficiency in the English Language |
| Computer Engineering and Business Administration | Year 12 or higher level pass in Mathematics and Physics ^A or Chemistry |
| Computer Engineering & Humanities and Sciences | Year 12 or higher level pass in Mathematics and Physics ^A or Chemistry |
| Economics and Law | A high level of proficiency in the English Language |
| Engineering and Business Administration | Year 12 or higher level pass in Mathematics |
| Engineering & Humanities and Sciences | Year 12 or higher level pass in Mathematics |
| Mathematics and Common Computer Science Programmes <i>Applicable to Mathematics major (under College of Humanities and Sciences) and both Computer Science and Artificial Intelligence majors (under School of Computing).</i> | Year 12 or higher level pass in Mathematics |

Note:

^A Students without Year 12 High School Physics would be required to take specified Physics Bridging courses.

Double Major Programmes**4 Double Major Programmes offered by Faculty of Arts and Social Sciences under College of Humanities and Sciences**

| Programme Title | Subject requirements |
|--|---|
| Communications & New Media with Management | Year 12 or higher level pass in Mathematics |
| Economics with Business Analytics | Year 12 or higher level pass in Mathematics |
| Economics with Management | Year 12 or higher level pass in Mathematics |
| Psychology with Management | Year 12 or higher level pass in Mathematics |

9 Double Major Programmes offered by Faculty of Sciences under College of Humanities and Sciences

| Programme Title | Subject requirements |
|---|--|
| Life Sciences with Management | Year 12 or higher level pass in Biology and Chemistry |
| Mathematics with Business Analytics | Year 12 or higher level pass in Mathematics or Further Mathematics |
| Mathematics with Common Computer Science Programmes | Year 12 or higher level pass in Mathematics or Further Mathematics |
| Mathematics with Information Security | Year 12 or higher level pass in Mathematics or Further Mathematics |
| Mathematics with Management | Year 12 or higher level pass in Mathematics or Further Mathematics |
| Statistics with Business Analytics | Year 12 or higher level pass in Mathematics or Further Mathematics |
| Statistics with Common Computer Science Programmes | Year 12 or higher level pass in Mathematics or Further Mathematics |
| Statistics with Information Security | Year 12 or higher level pass in Mathematics or Further Mathematics |
| Statistics with Management | Year 12 or higher level pass in Mathematics or Further Mathematics |

18 Double Major Programmes offered by College of Design and Engineering

| Programme Title | Subject requirements |
|---|---|
| Computer Engineering with Innovation & Design | Year 12 or higher level pass in Mathematics and Physics ^A or Chemistry |
| Computer Engineering with Management | Year 12 or higher level pass in Mathematics and Physics ^A or Chemistry |
| Computer Engineering with Mathematics | Year 12 or higher level pass in Mathematics and Physics ^A or Chemistry |
| Computer Engineering with Systems Engineering | Year 12 or higher level pass in Mathematics and Physics ^A or Chemistry |
| Engineering with Computing (Design and Engineering) | Year 12 or higher level pass in Mathematics |
| Engineering with Innovation & Design | Year 12 or higher level pass in Mathematics |
| Engineering with Management | Year 12 or higher level pass in Mathematics |
| Engineering with Sustainable Urban Development | Year 12 or higher level pass in Mathematics |
| Engineering with Systems Engineering | Year 12 or higher level pass in Mathematics |

Note:

^A Students without Year 12 High School Physics would be required to take specified Physics Bridging courses.

8 Double Major Programmes offered by School of Computing

| Programme Title | Subject requirements |
|---|--|
| Business Analytics with Economics | Year 12 or higher level pass in Mathematics |
| Business Analytics with Mathematics | Year 12 or higher level pass in Mathematics or Further Mathematics |
| Business Analytics with Statistics | Year 12 or higher level pass in Mathematics or Further Mathematics |
| Common Computer Science Programmes with Mathematics | Year 12 or higher level pass in Mathematics or Further Mathematics |
| Common Computer Science Programmes with Statistics | Year 12 or higher level pass in Mathematics or Further Mathematics |
| Information Security with Mathematics | Year 12 or higher level pass in Mathematics or Further Mathematics |
| Information Security with Statistics | Year 12 or higher level pass in Mathematics or Further Mathematics |
| Information Systems with Economics | Year 12 or higher level pass in Mathematics |

Minor Programmes**4 Minor Programmes offered by Faculty of Arts and Social Sciences under College of Humanities and Sciences**

| Programme Title | Subject requirements |
|---|---|
| Communications & New Media with a Minor in Management | Year 12 or higher level pass in Mathematics |
| Economics with a Minor in Business Analytics | Year 12 or higher level pass in Mathematics |
| Economics with a Minor in Information Systems | Year 12 or higher level pass in Mathematics |
| Psychology with a Minor in Management | Year 12 or higher level pass in Mathematics |

8 Minor Programmes offered by Faculty of Science under College of Humanities and Sciences

| Programme Title | Subject requirements |
|---|---|
| Data Science and Analytics with a Minor in Entrepreneurship | Year 12 or higher level pass in Mathematics |
| Life Sciences with a Minor in Entrepreneurship | Year 12 or higher level pass in Mathematics |
| Life Sciences with a Minor in Public Health | Year 12 or higher level pass in Mathematics |
| Mathematics with a Minor in Entrepreneurship | Year 12 or higher level pass in Mathematics |
| Quantitative Finance with a Minor in Information Security | Year 12 or higher level pass in Mathematics |
| Statistics with a Minor in Entrepreneurship | Year 12 or higher level pass in Mathematics |
| Statistics with a Minor in Information Security | Year 12 or higher level pass in Mathematics |

41 Minor Programmes offered by College of Design and Engineering

| Programme Title | Subject requirements |
|---|---|
| Architecture with a Minor in Computing (Design and Engineering) | Year 12 or higher level pass in Chemistry or Mathematics or Physics or Physical Science |
| Computer Engineering with a Minor in Economics | Year 12 or higher level pass in Mathematics and Physics ^A or Chemistry |
| Computer Engineering with a Minor in Entrepreneurship | Year 12 or higher level pass in Mathematics and Physics ^A or Chemistry |
| Computer Engineering with a Minor in Management | Year 12 or higher level pass in Mathematics and Physics ^A or Chemistry |
| Engineering with a Minor in Computing (Design and Engineering) | Year 12 or higher level pass in Mathematics |
| Engineering with a Minor in Data Engineering | Year 12 or higher level pass in Mathematics |
| Engineering with a Minor in Management | Year 12 or higher level pass in Mathematics |
| Industrial Design with a Minor in Computing (Design and Engineering) | Year 12 or higher level pass in Arts or Economics or Mathematics or Physics |
| Landscape Architecture with a Minor in Computing (Design and Engineering) | Year 12 or higher level pass in Chemistry or Mathematics or Physics or Physical Science |

Note:

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20 Minor Programmes offered by School of Computing

| Programme Title | Subject requirements |
|--|--|
| Business Analytics with a Minor in Economics | Year 12 or higher level pass in Mathematics |
| Business Analytics with a Minor in Entrepreneurship | Year 12 or higher level pass in Mathematics |
| Business Analytics with a Minor in Information Security | Year 12 or higher level pass in Mathematics |
| Business Analytics with a Minor in Quantitative Finance | Year 12 or higher level pass in Mathematics or Further Mathematics |
| Business Analytics with a Minor in Real Estate | Year 12 or higher level pass in Mathematics |
| Business Analytics with a Minor in Statistics | Year 12 or higher level pass in Mathematics or Further Mathematics |
| Common Computer Science Programmes with a Minor in Entrepreneurship | Year 12 or higher level pass in Mathematics |
| Common Computer Science Programmes with a Minor in Interactive Media | Year 12 or higher level pass in Mathematics |
| Common Computer Science Programmes with a Minor in Management | Year 12 or higher level pass in Mathematics |
| Common Computer Science Programmes with a Minor in Mathematics | Year 12 or higher level pass in Mathematics or Further Mathematics |
| Common Computer Science Programmes with a Minor in Statistics | Year 12 or higher level pass in Mathematics or Further Mathematics |
| Information Security with a Minor in Entrepreneurship | Year 12 or higher level pass in Mathematics |
| Information Security with a Minor in Management | Year 12 or higher level pass in Mathematics |
| Information Security with a Minor in Mathematics | Year 12 or higher level pass in Mathematics or Further Mathematics |
| Information Security with a Minor in Quantitative Finance | Year 12 or higher level pass in Mathematics or Further Mathematics |
| Information Security with a Minor in Statistics | Year 12 or higher level pass in Mathematics or Further Mathematics |
| Information Systems with a Minor in Economics | Year 12 or higher level pass in Mathematics |
| Information Systems with a Minor in Entrepreneurship | Year 12 or higher level pass in Mathematics |
| Information Systems with a Minor in Interactive Media | Year 12 or higher level pass in Mathematics |
| Information Systems with a Minor in Management | Year 12 or higher level pass in Mathematics |

45 Specialisations offered by College of Design and Engineering

| Programme Title | Subject requirements |
|--|--|
| Biomedical Engineering (Biomedical Materials Specialisation) | Year 12 or higher level pass in Mathematics |
| Biomedical Engineering (Community Healthcare and Technology Specialisation) | Year 12 or higher level pass in Mathematics |
| Biomedical Engineering (Robotics Specialisation) | Year 12 or higher level pass in Mathematics |
| Biomedical Engineering (Tissue Engineering Specialisation) | Year 12 or higher level pass in Mathematics |
| Chemical Engineering (Biopharmaceutical Engineering Specialisation) | Year 12 or higher level pass in Mathematics |
| Chemical Engineering (Industry 4.0 Specialisation) | Year 12 or higher level pass in Mathematics |
| Chemical Engineering (Process Engineering Specialisation) | Year 12 or higher level pass in Mathematics |
| Chemical Engineering (Safety and Sustainability Specialisation) | Year 12 or higher level pass in Mathematics |
| Civil Engineering (Digitalisation in Urban Infrastructure Specialisation) | Year 12 or higher level pass in Mathematics |
| Computer Engineering (Advanced Electronics Specialisation) | Year 12 or higher level pass in Mathematics and either Physics [^] or Chemistry |
| Computer Engineering (Industry 4.0 Specialisation) | Year 12 or higher level pass in Mathematics and either Physics [^] or Chemistry |
| Computer Engineering (Internet of Things Specialisation) | Year 12 or higher level pass in Mathematics and either Physics [^] or Chemistry |
| Computer Engineering (Robotics Specialisation) | Year 12 or higher level pass in Mathematics and either Physics [^] or Chemistry |
| Computer Engineering (Space Technology Specialisation) | Year 12 or higher level pass in Mathematics and either Physics [^] or Chemistry |
| Electrical Engineering (Advanced Electronics Specialisation) | Year 12 or higher level pass in Mathematics |
| Electrical Engineering (Industry 4.0 Specialisation) | Year 12 or higher level pass in Mathematics |
| Electrical Engineering (Internet of Things Specialisation) | Year 12 or higher level pass in Mathematics |
| Electrical Engineering (Robotics Specialisation) | Year 12 or higher level pass in Mathematics |
| Electrical Engineering (Space Technology Specialisation) | Year 12 or higher level pass in Mathematics |
| Electrical Engineering (Sustainable Electric Transportation Specialisation) | Year 12 or higher level pass in Mathematics |
| Engineering Science (Computational Engineering Science Specialisation) | Year 12 or higher level pass in Mathematics |
| Engineering Science (Energy Science and Technology Specialisation) | Year 12 or higher level pass in Mathematics |
| Engineering Science (Engineering Science in Medicine Specialisation) | Year 12 or higher level pass in Mathematics |
| Engineering Science (Nanoscience and Technology Specialisation) | Year 12 or higher level pass in Mathematics |
| Environmental and Sustainability Engineering (Digitalisation in Urban Infrastructure Specialisation) | Year 12 or higher level pass in Mathematics |
| Industrial Design (Design Futures & Critical Inquiry Specialisation) | Year 12 or higher level pass in Arts or Economics or Mathematics or Physics |
| Industrial Design (Product Innovation Specialisation) | Year 12 or higher level pass in Arts or Economics or Mathematics or Physics |
| Industrial Design (Social & Service Transformation Specialisation) | Year 12 or higher level pass in Arts or Economics or Mathematics or Physics |
| Industrial & Systems Engineering (Analytics and Decision Intelligences Specialisation) | Year 12 or higher level pass in Mathematics |
| Industrial & Systems Engineering (Supply Chain Analytics Specialisation) | Year 12 or higher level pass in Mathematics |
| Industrial & Systems Engineering (Sustainability Analytics Specialisation) | Year 12 or higher level pass in Mathematics |
| Infrastructure & Project Management (Sustainable Green Buildings Specialisation) | Year 12 or higher level pass in Mathematics |
| Landscape Architecture (Specialisation in Landscape Practice) | Year 12 or higher level pass in Chemistry or Mathematics or Physics or Physical Science |
| Landscape Architecture (Specialisation in Landscape Studies) | Year 12 or higher level pass in Chemistry or Mathematics or Physics or Physical Science |
| Materials Science & Engineering (Artificial Intelligence in MSE Specialisation) | Year 12 or higher level pass in Mathematics |
| Materials Science & Engineering (Biomedical Materials Specialisation) | Year 12 or higher level pass in Mathematics |
| Materials Science & Engineering (Functional Intelligent Materials Specialisation) | Year 12 or higher level pass in Mathematics |
| Materials Science & Engineering (Materials for Renewable Energy and Sustainability Specialisation) | Year 12 or higher level pass in Mathematics |
| Materials Science & Engineering (Microelectronics & Quantum Materials Specialisation) | Year 12 or higher level pass in Mathematics |
| Materials Science & Engineering (Nanostructured Materials and Nanotechnology Specialisation) | Year 12 or higher level pass in Mathematics |
| Materials Science & Engineering (Robotics Specialisation) | Year 12 or higher level pass in Mathematics |
| Mechanical Engineering (Aeronautical Engineering Specialisation) | Year 12 or higher level pass in Mathematics |
| Mechanical Engineering (Energy and Sustainability Specialisation) | Year 12 or higher level pass in Mathematics |
| Mechanical Engineering (Industry 4.0 Specialisation) | Year 12 or higher level pass in Mathematics |
| Mechanical Engineering (Robotics Specialisation) | Year 12 or higher level pass in Mathematics |

Note:

[^] Students without Year 12 High School Physics would be required to take specified Physics Bridging courses.