

Bridging Courses

This page provides information on course registration for bridging courses in the Engineering undergraduate curriculum:

- [Mathematics bridging course: MA1301](#)
- [Physics bridging course: PC1201](#)
- [English bridging courses: ES1000 & ES1103](#)

Mathematics bridging course: MA1301

Students who do not meet the following criteria will need to read the Mathematics bridging course, before you can start reading the required Mathematics courses.

- Passed A-level H2 Mathematics or IB HL Mathematics or NUSHS Major in Mathematics
- Sat for and passed the [MA1301 Proficiency Test](#)
- Polytechnic diploma holders with [recognised Diploma+ certificates in Mathematics](#)

How to register for the course

Reading the course as an iBLOC (for returning full-time National Service men)

For students who have a place reserved for you in NUS, you may clear this requirement by reading MA1301X in the months before you matriculate in NUS. This is catered to students who wish to have a head start in university education and more time to transit to academic life.

More information about the registration schedule and fees are available on the [iBLOC website](#).

Reading the course in your first semester

LECTURE will be pre-allocated to you by the Department of Mathematics, for pre-identified students who do not meet the above criteria.

For polytechnic diploma holders with the necessary certifications, please submit your exemption request [HERE](#)

If you have not been pre-allocated, please register for it in CourseReg **Select Courses (from Round 1 onwards)**.

Reading the course in your second semester

LECTURE will be available for selection in CourseReg. You will need to select and rank from the available timeslots during the **Select Courses** and **Select Tutorials & Labs** rounds, and it will be allocated to you based on the priority scoring.

Reading the course beyond your first year

Please register for the course in CourseReg during the **Select Courses** rounds (from Round 1 onwards).

Physics bridging course: PC1201

Students who do not possess A-level H2 Physics or IB HL Physics or NUSHS Major CAP in Physics or its equivalent may be asked to read a Physics bridging course. Please note that the Physics bridging requirements may differ by Department.

Physics bridging requirements for Cohort AY2022/23 onwards

	BME	CHE	CVE	EVE	IPM	CEG	EE	ESP	ISE	MSE	ME
A-level with H1 Physics [^]	Y	Y				Y	Y	Y	Y	Y	Y
Polytechnic Diploma (as listed in below table)	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
Polytechnic Diploma (Temasek Poly with UPP certificates in Physics)											
Polytechnic Diploma (all other diplomas)						Y	Y	Y	Y	Y	
NUS High School with Subject CAP in Physics	Y	Y				Y	Y	Y	Y	Y	Y
International Baccalaureate Diploma with SL Physics	Y	Y				Y	Y	Y	Y	Y	Y
All Qualifications without H1 Physics or equivalent	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y

[^]Also applies to other qualifications with H1-equivalent Physics

Diploma	Polytechnic
DIPLOMA IN HOTEL AND LEISURE FACILITIES MANAGEMENT	Ngee Ann Polytechnic
DIPLOMA IN REAL ESTATE BUSINESS	Ngee Ann Polytechnic
FACILITIES MANAGEMENT	Singapore Polytechnic
DIPLOMA IN HOTEL AND LEISURE FACILITIES MANAGEMENT	Singapore Polytechnic
DIPLOMA IN INTEGRATED EVENTS AND PROJECT MANAGEMENT	Singapore Polytechnic
DIPLOMA IN AVIATION MANAGEMENT	Temasek Polytechnic
DIPLOMA IN AVIATION MANAGEMENT & SERVICES	Temasek Polytechnic
DIPLOMA IN INTEGRATED FACILITY MANAGEMENT	Temasek Polytechnic

Physics bridging requirements for Cohort AY2021/22

	BME	CHE	CVE	EVE	CEG	EE	ESP	ISE	MSE	ME
Poly Students					Y	Y		Y	Y	
A-level with O-level Physics*	Y	Y	Y	Y	Y	Y		Y	Y	Y
A-level with H1 Physics^	Y	Y			Y	Y		Y	Y	Y

*Also applies to NUSHS with O-level Physics or equivalent

^Also applies to IB with SL Physics

Physics bridging requirements for Cohort AY2020/21 and before

Please refer to your respective department websites for more information.

Re-coding of Physics bridging course

With effect from AY2021/22 Semester 1, PC1221 and PC1222 will be replaced by PC1201 as the Physics bridging requirement.

How to register for the course

Reading the course in your first year

LECTURE will be pre-allocated to you by the Department of Physics, for pre-identified students. (NOTE: it could be in Semester 1 or Semester 2, depending on your Department's recommended schedule)

If you have not been pre-allocated, please register for it in CourseReg **Select Courses (from Round 1 onwards)**.

TUTORIALS will be available for selection in CourseReg during the **Select Tutorials & Labs** rounds. You will need to select and rank from the available timeslots, and it will be allocated to you based on the priority scoring.

Reading the course beyond your first year

Please register for the course in CourseReg during the **Select Courses** rounds (from Round 1 onwards).

English bridging courses: ES1000 & ES1103

Students are exempted from the Qualifying English Test (QET) if you possess the necessary English language qualifications. You may check if you are exempted [HERE](#).

Based on your QET results, you will be required to read the English courses hosted by the Centre for English Language Communication:

- QET Band 2: ES1103 English for Academic Purposes
- QET Band 1: ES1000 Foundation Academic English followed by ES1103
- (If you obtain QET Band 3, you will be exempted)

If you have not sat for the QET, please keep a lookout for the upcoming test schedule [HERE](#).

It is important that you try to clear these courses in your earlier semesters, as it will affect your study plan for ES2631 Critique and Communication of Thinking and Design or other writing courses read in lieu of ES2631.

With effect from AY2022/23 Semester 1, ES2631 Critique and Communication of Thinking and Design has replaced ES1531 / ES2531 Critical Thinking and Writing.

How to register for the course

SECTIONAL TEACHING sessions will be available for selection in CourseReg during the **Select Courses** rounds (from Round 1 onwards). You will need to select and rank from the available timeslots, and it will be allocated to you based on the priority scoring.