

Swinburne University of Technology

BB-ENGSC

Bachelor of Engineering (Honours)/ Bachelor of Science

Admission criteria

Information about Swinburne's general admission criteria can be found at [Admissions at Swinburne](#) – Higher Education webpage.

Essential requirements for admission

A. Applicants with recent secondary education (within past two years)

ATAR

This course uses the ATAR as part of its selection considerations.

Guaranteed ATAR: If you receive an ATAR of 75 or higher and meet all the essential requirements for this course, you will be guaranteed an offer.

Educational history

An applicant's entire academic history, including ATAR results, will be considered for entry into this course.

Selection rank adjustments

Selection ranks for this course will be calculated based on your ATAR with adjustments to overall study scores based on subjects studied, location of your home address, SEAS application, and participation in Swinburne's Early Leaders program. For further details about selection rank adjustments, see [Admissions at Swinburne](#).

Subject Adjustments

A study score of 25 in any Information Technology, any Mathematics, Physical Education, Systems Engineering or any Science equals 2 aggregate points per study. Overall maximum of 10 points.

Meeting course prerequisites

Units 3 and 4: a study score of at least 25 in English other than EAL or at least 30 in English (EAL); Units 3 and 4: a study score of at least 20 in one of Maths: Mathematical Methods or Maths: Specialist Mathematics.

Bridging courses

Applicants who do not meet the mathematics prerequisites for this course will be required to successfully complete Swinburne's [MathsLink Methods bridging program](#).

ATAR profile for those offered places wholly or partly on the basis of ATAR in Semester 1 2018

ATAR-Based offers only, across all offer rounds	ATAR (Excluding adjustment factors)	Selection Rank (ATAR plus any adjustment factors)
Highest rank to receive an offer	97.85	99.15
Median rank to receive an offer	76.7	83.25
Lowest rank to receive an offer	56.05	78.25

B. Applicants with higher education study

[Educational history](#)

An applicant's entire academic history, including results from previous higher education study will be considered for entry into this course. If previous higher education qualifications are incomplete, results must have been obtained in the last seven years.

[Meeting course prerequisites](#)

As for Year 12 or equivalent.

[STAT/Bridging courses](#)

Applicants who do not meet the English prerequisites can sit [STAT Written English](#). STAT results are valid for two years. Applicants who do not meet the mathematics prerequisites for this course will be required to successfully complete Swinburne's [MathsLink Methods bridging program](#).

Mathematics prerequisites older than five years are not considered to have met course prerequisite requirements.

C. Applicants with vocational education and training

[Educational history](#)

An applicant's entire academic history from the past 7 years, including complete and/or incomplete post-secondary VET studies, will be considered for entry into this course. Only graded results will be considered.

[Meeting course prerequisites](#)

As for Year 12 or equivalent.

[STAT/Bridging courses](#)

Applicants who do not meet the English prerequisites can sit [STAT Written English](#). STAT results are valid for two years. Applicants who do not meet the mathematics prerequisites for this course will be required to successfully complete Swinburne's [MathsLink Methods bridging program](#).

Mathematics prerequisites older than five years are not considered to have met course prerequisite requirements.

D. Applicants with work and life experience

[Entire academic record](#)

This course uses an applicant's entire academic record as part of its selection considerations, including an applicant's ATAR results from the last seven years can be considered for entry into this course.

[Meeting course prerequisites](#)

As for Year 12 or equivalent.

[STAT/Bridging courses](#)

Applicants who do not meet the English prerequisites can sit [STAT Written English](#). STAT results are valid for two years. Applicants who do not meet the mathematics prerequisites for this course will be required to successfully complete Swinburne's [MathsLink Methods bridging program](#).

Mathematics prerequisites older than five years are not considered to have met course prerequisite requirements.

Student profile

The table below gives an indication of the likely peer cohort for new students in this course at Swinburne. It provides data on students that commenced undergraduate study and passed the census date in the most relevant recent intake period for which data are available.

Applicant background	Semester 1 2018	
	Number of students	Percentage of all students
(A) Higher education study (includes a bridging or enabling course)	7	18%
(B) Vocational education and training (VET) study	1	2%
(C) Work and life experience (Admitted on the basis of previous achievement not in the other three categories)	0	0%
(D) Recent secondary education:		
<ul style="list-style-type: none"> Admitted solely on the basis of ATAR (regardless of whether this includes adjustment factors) 	30	75%
<ul style="list-style-type: none"> Admitted where both ATAR and additional criteria were considered (e.g. portfolio, audition, additional test, early offer) 	0	0%
<ul style="list-style-type: none"> Admitted on the basis of other criteria and ATAR was not a factor (e.g. special consideration, audition alone, schools recommendation scheme) 	0	0%
International students	2	5%
All students	40	100%

Where to get further information

Further information about different application pathways to Swinburne is available through the Swinburne website:

- [Planning your Future](#)

Further information for students is available through the following resources:

- [Tertiary Education Quality Standards Australia](#) (TEQSA) national register
- [Quality Indicators for Learning and Teaching](#) (QILT)
- [Victorian Tertiary Admissions Centre](#) (VTAC)