

DIPLOMA IN ENGINEERING/ BACHELOR OF ENGINEERING STUDIES (6033)

Approved Abbreviation: DipEng/BEngSt
Western Sydney University Program Code: 6033
AQF Level: 7

CRICOS Code: 096983F

Program Status: CURRENT

This program applies to students who commenced in Term 1, 2017 or later.

Students have the opportunity to focus on a discipline area by selecting a major in Civil, Construction, Electrical, Mechanical and Robotic & Mechatronic engineering. The program has been developed with the view of enabling graduates to practice as an engineering technologist in their chosen field. The three year Bachelor of Engineering Science program may be used as a pathway to the four year Bachelor of Engineering program that meets Engineers Australia professional accreditation requirements; an academic performance criteria will be the eligibility criteria for such transfer.

The first year of this program is delivered by Western Sydney University The College as an agent of Western Sydney University via extended face-to-face hours in smaller learning environments.

A Diploma in Engineering exit point is also available at the end of the first year of the program.

For more information on Western Sydney University, The College, please refer to their web site.

Western Sydney University, The College (<https://www.westernsydney.edu.au/future/study/application-pathways/the-college.html>)

Early Exit

Students may exit this program on completion of 100 credit points with a 7034 Diploma in Engineering (<https://hbook.westernsydney.edu.au/archives/2023-2024/programs/diploma-engineering/>)

Study Mode

Three years full-time or six years part-time.

Program Advice

For program advice during your first year of study, please use the contact The College: College Program Enquiries (<https://directory.westernsydney.edu.au/search/email/AdminApp@westernsydney.edu.au>)

For program advice during your second and subsequent years of study, please contact the School of Engineering, Design and Built Environment (edbe@westernsydney.edu.au)

Note: Students will study at the Kingswood campus at WSU The College in their first year. In second year, students can transfer to Parramatta City campus (if required).

Prospective students should visit the following websites for general enquiries about this program.

Enquire about this program (<https://enquiry.westernsydney.edu.au/courseenquiry/>) | Local Admission (<https://www.westernsydney.edu.au/>)

future/) | International Admission (<https://www.westernsydney.edu.au/international/home/apply/admissions/>) |

Location

Campus	Attendance	Mode	Advice
Parramatta City Campus ¹	Full Time	Internal	See above
Parramatta City Campus	Part Time	Internal	See above
Kingswood Campus ²	Full Time	Internal	See above
Kingswood Campus	Part Time	Internal	See above

¹ From second year of study onwards, students can transfer to Parramatta City Campus.

² Students will study at the Kingswood campus at WSU The College in their first year.

Work Integrated Learning

Western Sydney University seeks to enhance student learning experiences by enabling students to engage in the culture, expectations and practices of their profession or discipline. This program includes a placement or other community-based unpaid practical experience.

There is a mandatory work component required for completion of this program. Please contact the Program Advisor listed above for information.

International students should also refer to the link below for more information and a link to the Commonwealth Register of Institutions and Courses for Overseas Students (CRICOS).

Work Integrated Learning (WIL) for international students (https://www.westernsydney.edu.au/currentstudents/current_students/services_and_facilities/international_student_support/working_in_australia/work_integrated_learning/)

Admission

For more information on applying please see link to The College admission pages below.

https://www.westernsydney.edu.au/thecollege/how_to_apply (https://www.westernsydney.edu.au/thecollege/how_to_apply/)

Domestic students are required to have:

- Completed an English subject in the NSW Higher School Certificate, Or
- Competency in English at IELTS 6.0 equivalent (unless a native speaker) Or
- Passed The College English test at IELTS 6.0 equivalent Or
- Passed The College Foundation Studies Academic English subject at C grade level or higher.

Students are also assumed to have completed some study in Mathematics and Science at a senior high school level or equivalent.

Met other entry requirements such as:

- An ATAR identified prior to the offer of a place, Or
- Completed The College Foundation Studies program with a Grade Point Average of 5.5 or higher.

International students must satisfy one of the following language requirements:

- IELTS 6.0 with a minimum 5.5 in each sub band Or
- Completed the College EAP 4 program with a 50% pass Or
- Passed The College English test at IELTS 6.0 equivalent Or
- Passed The College Foundation Studies Academic English subject at C grade level or higher for which advanced standing can be applied for.

Academic Entry Requirements vary according to country of origin. However, in general:

- Completion of Year 12 or its equivalent is the minimum entry requirement Or
- Completed The College Foundation Studies program with a Grade Point Average of 5.5 or higher.

Recommended Sequence

Qualification for this award requires the successful completion of 260 credit points which include the subjects listed in the recommended sequence below.

The early exit College Diploma consists of 100 credit points which includes three College Preparatory units.

Western Sydney University The College Subjects

Penrith Campus

Course	Title	Credit Points
Year 1		
First Term of Study		
GEDU 0008	Tertiary Study Skills in Engineering (WSTC Prep)	0
MATH 0008	Mathematics 2 (WSTC Prep)	10
PHYS 0003	Foundation Physics 2 (WSTC Prep)	10
ENGR 1026	Introduction to Engineering Practice (WSTC)	10
ELEC 1008	Engineering Computing (WSTC)	10
Second Term of Study		
MATH 1023	Mathematics for Engineers Preliminary (WSTC)	10
ENGR 1010	Engineering Materials (WSTC)	10
ENGR 1013	Engineering Physics (WSTC)	10
Third Term of Study		
ELEC 1005	Electrical Fundamentals (WSTC)	10
ENGR 1020	Fundamentals of Mechanics (WSTC)	10
MATH 1018	Mathematics for Engineers 1 (WSTC)	10
Credit Points		100
Total Credit Points		100

Students may exit at this point and graduate with the Diploma in Engineering following a passing grade in all of the above subjects.

Students who progress to Year Two may also be awarded the Diploma if they gain a passing grade in all of the above subjects.

- Students must pass all College Preparatory subjects before progressing to the Year Two subjects.
- Students must pass at least 70 credit points of University level subjects in Year One before progressing to the Year Two subjects.

Western Sydney University Subjects

For program advice during your second and subsequent years of study, please use the contact listed for the Bachelor of Engineering Science.

Bachelor of Engineering Science (<https://hbook.westernsydney.edu.au/archives/2023-2024/programs/bachelor-engineering-science/>)

Parramatta (Victoria Road) and Penrith Campus

Please note that all campuses may not have intakes each year.

Year 2 - Year 3

Students must choose one of the following five majors when commencing their second year at Western Sydney University.

Civil, Testamur Major (T033) (<https://hbook.westernsydney.edu.au/archives/2023-2024/majors-minors/civil-ug-pg-testamur-major/>)

Construction, Testamur Major (T034) (<https://hbook.westernsydney.edu.au/archives/2023-2024/majors-minors/construction-ug-pg-testamur-major/>)

Electrical, Testamur Major (T035) (<https://hbook.westernsydney.edu.au/archives/2023-2024/majors-minors/electrical-ug-pg-testamur-major/>)

Mechanical, Testamur Major (T036) (<https://hbook.westernsydney.edu.au/archives/2023-2024/majors-minors/mechanical-ug-pg-testamur-major/>)

Robotics and Mechatronics, Testamur Major (T037) (<https://hbook.westernsydney.edu.au/archives/2023-2024/majors-minors/robotics-mechatronics-ug-testamur-major/>)

Penrith and Parramatta City campuses

Engineering Majors - Autumn 2022

Advanced Manufacturing, Testamur Major (T126) (<https://hbook.westernsydney.edu.au/archives/2023-2024/majors-minors/advanced-manufacturing-ug-testamur-major/>)

Civil Engineering, Testamur Major (T131) (<https://hbook.westernsydney.edu.au/archives/2023-2024/majors-minors/civil-engineering-ug-testamur-major/>)

Construction Engineering, Testamur Major (T132) (<https://hbook.westernsydney.edu.au/archives/2023-2024/majors-minors/construction-engineering-ug-testamur-major/>)

Electrical Engineering, Testamur Major (T102) (<https://hbook.westernsydney.edu.au/archives/2023-2024/majors-minors/electrical-engineering-ug-testamur-major/>)

Materials Engineering, Testamur Major (T128) (<https://hbook.westernsydney.edu.au/archives/2023-2024/majors-minors/materials-engineering-ug-testamur-major/>)

Mechanical Engineering, Testamur Major (T103) (<https://hbook.westernsydney.edu.au/archives/2023-2024/majors-minors/mechanical-engineering-ug-testamur-major/>)

Robotics and Mechatronics Engineering, Testamur Major (T104) (<https://hbook.westernsydney.edu.au/archives/2023-2024/majors-minors/robotics-mechatronics-engineering-ug-testamur-major/>)

Sustainability Engineering, Testamur Major (T129) (<https://hbook.westernsydney.edu.au/archives/2023-2024/majors-minors/sustainability-engineering-ug-testamur-major/>)