INTERNATIONAL STUDENTS

English Language Proficiency
All applicants must provide evidence of proficiency in the English language:
• IELTS An overall score of 6.5 or higher, subject to individual profile; or
• Test of English as a Foreign Language, a score of 550+, and a Test of Written English score of 5+.

For specific information about entry requirements, application procedures and an updated list of courses offered to international students, visit www.vu.edu.au/international or contact Victoria University International (VUI) on +61 3 9919 1164.

FEES
A limited number of HECS places are available for Australian students. International students, please see the International course guide on the VU website for the most up to date fees.

NEED MORE INFORMATION?
Contact the Director of Postgraduate Programs Dr Ronny Veljanovski
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Email: ronny.veljanovski@vu.edu.au

Electrical Engineering
Victoria University
P.O. Box 14428
Melbourne, Vic 8001, Australia

MASTER OF
ENGINEERING
ELECTRICAL AND
ELECTRONIC
ENGINEERING
(COURSE WORK)

FACULTY OF HEALTH, ENGINEERING AND SCIENCE

FURTHER INFORMATION

THE FACULTY OF HEALTH, ENGINEERING AND SCIENCE
PHONE: 03 9919 4703
FAX: 03 9919 4908
EMAIL: eeenquiries@vu.edu.au

OR
VISIT THE WEBSITE
WWW.VU.EDU.AU

CRICOS Provider No. 00124K
MASTER OF ENGINEERING ELECTRICAL AND ELECTRONIC ENGINEERING (Course Work)

COURSE CODE: EMEE
CRICOS CODE: 051121B

The Master of Engineering in Electrical and Electronic Engineering (Coursework) application oriented and is intended for those who aspire to senior technical positions in wireless and network engineering or micro and nano electronic engineering.

The objective of the course is to provide opportunity for practising electrical and electronic engineers to:

- broaden their technological base from their first degree to a chosen area of specialisation;
- obtain an in-depth understanding of the relevant theoretical principles involved in the chosen area of specialisation;
- develop skills necessary to carry out independent research and development work related to the chosen areas of specialisation;
- acquire expertise and keep abreast with the latest developments in the chosen area of specialisation.

WHERE DO I STUDY?
The course is located at Footscray Park Campus.

WHAT DO I GET WHEN I FINISH STUDY?
When you complete your postgraduate study, you can pursue a career in senior technical positions in various specialised areas of Electrical and Electronic Engineering.

WHAT IS THE COURSE STRUCTURE AND WHAT IS INVOLVED?
The duration of the course, in normal mode of delivery, is two years for full-time students and a part-time equivalent for part-time students.

The course is unit based and offers a range of study units comprising of core and elective subjects (each of one unit) in a chosen area of specialisation, a research project (of four units), and a project management program (of four units). A unit is worth 12 credit points. The completion of the course requires the completion of 16 units comprising of four core subjects in a chosen area of specialisation, four elective subjects in the chosen area of specialisation, four other units at Masters level from any Masters programs, and, either a research project in the chosen area of specialisation, or the project management program.

WIRELESS AND NETWORK ENGINEERING SPECIALISATION
The objective of this specialisation is to provide opportunities for suitably qualified persons to acquire skills and expertise necessary to undertake research and development in the field of Wireless and Network engineering. Content covers communication theory, digital communication principles, communication system modelling, data networks, mobile and microwave communications as well as aspects of signal processing for wireless and network systems.

MICRO/NANO ELECTRONIC ENGINEERING SPECIALISATION
The micro and nano electronics engineer today is faced with many challenges brought about by the rapid advances in computers, multimedia and wireless networking technology. This specialisation addresses fundamental aspects of design, from high level specification of micro and nano electronic circuits and systems, through the implementation of layout and routing, and the effective use of EDA design tools, to prepare an integrated circuit to its pre-fabrication stage.

PROJECT UNITS
Research Project
Project Management Program

ASSESSMENT
Assessment will be based on a combination of written assignments, laboratory and project works, and formal examinations and presentations.

ACADEMIC YEAR
The academic year commences in early March and extends through to the examination period in late November. There are two intakes, the first one in March and the IELTS mid-year in August.

WHAT PRE-REQUISITES DO I NEED?
You need to have completed a four year Bachelor of Engineering degree in Electrical and Electronic Engineering, or an equivalent.

Full-fee paying international students are required to have qualifications equivalent to above, and in addition, they must provide evidence of proficiency in English Language, as assessed by; (a) International English Language Testing System — an overall band score of 6+ subject to individual profile, or, (b) Test of English as a Foreign Language - a score of 550+, and a Test of Written English score of 5+.