

Programme Requirements for Doctor of Engineering

This 3-credit-unit system programme requirements document is applicable to students admitted in 2023 Autumn term and thereafter.

1. Period of Study and Entry Requirement

- 1.1 A student shall complete the **Doctor of Engineering** programme within the prescribed periods as stipulated below:

Professional Doctoral Degree	Maximum Period of Study*	Time frame for submission of thesis
Full-time	4 years	No less than one and no more than two years after a student's first registration for the thesis of the doctoral degree with coursework components.
Part-time	8 years	No less than two and no more than five years after a student's first registration for the thesis of the doctoral degree with coursework components.

**The maximum period of study shall include any periods of leave of absence and deferment of studies.*

- 1.2 To enter the **Doctor of Engineering** programme, a student shall possess a recognized Master's degree in Science, Engineering or a related discipline.

2. Programme Requirement

- 2.1 To be eligible for the award of the degree of **Doctor of Engineering**, a student shall:

2.1.1 obtain 24 credit-units as prescribed below:

2.1.1.1 12 credit-units of elective courses listed in Table 1;

2.1.1.2 12 credit-units of the compulsory course ENGG 9050SEF listed in Table 1; and

2.1.1.3 successfully complete ENGG 9090SEF DENG Thesis listed in Table 1;

and

2.1.2 attain the CGPA for graduation as prescribed in the Regulations for the Award of Postgraduate Degrees.

Table 1

Course Code	Course Title	Credit-Units
Compulsory Course		
ENGG 9050 SEF	Engineering Research Methods	12
Elective Courses		
ENGG 8026 SEF	Engineering Management, Engineering Project Management and Development	12
ENGG 8037 SEF	Systems Engineering	6
ENGG 8038 SEF	Innovation and Technology Management	6
ENGG 8051 SEF	Construction Economics	6
ENGG 8052 SEF	Building Planning and Construction	6
ENGG 8053SEF	Building Services Management	6
ENVR 8050SEF	Ecological Conservation and Environmental Assessment	6
ENVR 8051SEF	Environmental Protection and Management	6
ENVR 8087SEF	Environmental Leadership	12
SCI 8012SEF	Research and Technology Laboratory in Practice I	9
SCI 8021SEF	Molecular Diagnostic Technology	3
SCI 8023SEF	Laboratory Management and Accreditation	3
ENGG 8061SEF	DENG Seminar	3
ENGG 8062SEF	Industrial Case Study	3
Thesis		
ENGG 9090 SEF	DENG Thesis	

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