Bachelor of Engineering (Infrastructure & Project Management) with Second Major in Innovation & Design

Cohort AY2024/2025

Course Requirements	Units
Common Curriculum	
GEA1000 Quantitative Reasoning with Data	4
CS1010E Programming Methodology	4
ES2631 Critique and Communication of Thinking and Design ¹	4
GEC: Cultures and Connections ¹	4
GEN: Communities and Engagement ¹	4
CDE2501 Liveable Cities ^{1, 2}	4
DTK1234 Design Thinking	4
EE2211 Introduction to Machine Learning	4
or EE2213 Introduction to Artificial Intelligence	
EG1311 Design and Make	4
PF1101 Fundamentals of Project Management	4
or PF1101A Project Management and Finance	
Additional technical courses for Engineering major ³	12
CDE4301 Innovation & Design Capstone or CDE4301A Ideas to Start-up	8
(over 2 consecutive semesters) ⁴	
Sub-total for Common Curriculum	60
Engineering Core	
MA1511 Engineering Calculus	2
MA1513 Linear Algebra with Differential Equations	2
CE2407A Uncertainty Analysis for Engineers	2
CE2407B Introduction to Numerical Methods for Engineers	2
EG2401A Engineering Professionalism	2
EG3611A Industrial Attachment or	10
CFG2101 NUS Vacation Internship Programme ⁵ and EG3612 Vacation Industrial	
Attachment	20
Sub-total for Engineering Core	20
Engineering Programme Requirements	4
IPM1102 Infrastructure and Project Management Law IPM1103I Digitalisation in the Built Environment	4
IPM1104 Built Environment Engineering Principles and Practice	4
IPM2101 Introduction to Building Performance	4
IPM2102 Construction Technology	4
IPM2103 Measurement (Building Works)	4
IPM2104 Project Cost Management	4
IPM3102 Infrastructure and Facilities Management	4
IPM4102 Project Execution	4
IPM4103 Contract and Procurement Management	4
Sub-total for Engineering Programme Requirements	40
Unrestricted Electives	
Group A course for Second Major	4
Group B course for Second Major	4
Group C courses for Second Major (Innovation & Enterprise electives)	8
CDE3301 Ideas to Proof-of-Concept (over 2 consecutive semesters)	12
CDE4301 Innovation & Design Capstone or CDE4301A Ideas to Start-up	4
(over 2 consecutive semesters) ⁴	

Innovation & Design Programme NUS College of Design and Engineering

Other unrestricted electives	8
Sub-total for Unrestricted Electives	40
Total	160

Notes:

- Students may read equivalent courses in NUS College (NUSC), University Town College Programme (UTCP), and Ridge View Residential Programme (RVRC).
- Students who are not in NUSC, UTCP or RVRC but have read another GESS Singapore Studies course prior to CDE2501 must still complete CDE2501.
- Students who have already read CDE2000 Creating Narratives and/or IE2141 Systems Thinking and Dynamics must still complete the 12 units of additional technical courses from their Engineering major.

The latest list of additional technical course may be found on this website: https://cde.nus.edu.sg/undergraduate/curriculum-structure/

Poly-intake students and those in the Engineering Scholars Programme only need to complete 8 units of additional technical course. The remaining 4 units may be fulfilled by CDE2501 (if not in NUSC/UTCP/RVRC and using another course to fulfil Singapore Studies), CDE2000, IE2141, or a third additional technical course.

- ⁴ The 12 units for CDE4301/CDE4301A are counted towards 8 units for the Integrated Project requirement in the Common Curriculum while 4 units are counted as unrestricted elective.
- May be replaced by CDE2605 Undergraduate Research Opportunities Programme or CDE2605R Undergraduate Research Experience (UREx).

(for students who opt for vacation internships)

Semester 1	Units	Semester 2	Units
IPM1102 Infrastructure and Project	4	IPM1103I Digitalisation in the Built	4
Management Law	4	Environment	4
IPM1104 Built Environment Engineering	4	CC1010E Dragramming Mathadalagu	4
Principles and Practice	4	CS1010E Programming Methodology	4
GEA1000 Quantitative Reasoning with	4	CC1211 Design and Make	4
Data	4	EG1311 Design and Make	4
DTK1234 Design Thinking	4	MA1511 Engineering Calculus	2
MA1513 Linear Algebra with Differential	2	CE2407B Introduction to Numerical	2
Equations	2	Methods for Engineers	2
CE2407A Uncertainty Analysis for	2	Croup A/D course for Second Major	4
Engineers	2	Group A/B course for Second Major	4
Sub-total	20	Sub-total	20

Summer vacation between Semesters 2 and 3	Units
CFG2101 NUS Vacation Internship Programme	4
Sub-total	4

Semester 3	Units	Semester 4	Units
IPM2101 Introduction to Building Performance	4	IPM2103 Measurement (Building Works)	4
IPM2102 Construction Technology	4	IPM2104 Project Cost Management	4
CDE2501 Liveable Cities	4	ES2631 Critique and Communication of Thinking and Design	4
EE2211 Introduction to Machine Learning or EE2213 Introduction to Artificial Intelligence	4	GEC/GEN	4
PF1101A Project Management and Finance	4	CDE3301 Ideas to Proof-of-Concept	6
Group A/B course for Second Major	4		
Sub-total	24	Sub-total Sub-total	22

Summer vacation between Semesters 4 and 5	Units
EG3612 Vacation Internship Attachment	6
Sub-total	6

Semester 5	Units	Semester 6 – can be used for SEP	Units
CDE3301 Ideas to Proof-of-Concept	6	Innovation & Enterprise Elective 1	4
IPM3102 Infrastructure and Facilities Management	4	Innovation & Enterprise Elective 2	4
Additional technical course 1	4	Additional technical course 3	4
Additional technical course 2	4	GEC/GEN	4
EG2401A Engineering Professionalism	2	UE	4
Sub-total	20	Sub-total	20

Innovation & Design Programme NUS College of Design and Engineering

Semester 7	Units	Semester 8	Units
CDE4301 Innovation & Design Capstone	6	CDE4301 Innovation & Design Capstone	6
or CDE4301A Ideas to Start-up	0	or CDE4301A Ideas to Start-up	U
IPM4102 Project Execution	4	UE	4
IPM4103 Contract and Procurement	4		
Management	4		
Sub-total	14	Sub-total	10

(for students who opt for vacation internships plus a specialisation)

Semester 1	Units	Semester 2	Units
IPM1102 Infrastructure and Project	4	IPM1103I Digitalisation in the Built	4
Management Law	4	Environment	4
IPM1104 Built Environment Engineering	4	CS1010E Drogramming Mothodology	4
Principles and Practice	4	CS1010E Programming Methodology	4
GEA1000 Quantitative Reasoning with	4	FC1211 Design and Make	4
Data	4	EG1311 Design and Make	4
DTK1234 Design Thinking	4	MA1511 Engineering Calculus	2
MA1513 Linear Algebra with Differential	2	CE2407B Introduction to Numerical	2
Equations	2	Methods for Engineers	2
CE2407A Uncertainty Analysis for	2	Croup A/D source for Second Major	4
Engineers	2	Group A/B course for Second Major	4
Sub-total	20	Sub-total	20

Summer vacation between Semesters 2 and 3	Units
CFG2101 NUS Vacation Internship Programme	4
Sub-total	4

Semester 3	Units	Semester 4	Units
IPM2101 Introduction to Building Performance	4	IPM2103 Measurement (Building Works)	4
IPM2102 Construction Technology	4	IPM2104 Project Cost Management	4
CDE2501 Liveable Cities	4	ES2631 Critique and Communication of Thinking and Design	4
EE2211 Introduction to Machine Learning <u>or</u> EE2213 Introduction to Artificial Intelligence	4	GEC/GEN	4
PF1101A Project Management and Finance	4	CDE3301 Ideas to Proof-of-Concept	6
Group A/B course for Second Major	4		
Sub-total Sub-total	24	Sub-total	22

Summer vacation between Semesters 4 and 5	Units
EG3612 Vacation Internship Attachment	6
Sub-total	6

Semester 5	Units	Semester 6 – can be used for SEP	Units
CDE3301 Ideas to Proof-of-Concept	6	Innovation & Enterprise Elective 1	4
IPM3102 Infrastructure and Facilities Management	4	Innovation & Enterprise Elective 2	4
Additional technical course 1	4	Additional technical course 3	4
Additional technical course 2	4	GEC/GEN	4
EG2401A Engineering Professionalism	2	Specialisation course 2	4
Sub-total	20	Sub-total	20

Innovation & Design Programme NUS College of Design and Engineering

Semester 7	Units	Semester 8	Units
CDE4301 Innovation & Design Capstone	6	CDE4301 Innovation & Design Capstone	6
or CDE4301A Ideas to Start-up	O	or CDE4301A Ideas to Start-up	U
IPM4102 Project Execution	4	Specialisation course 4	4
IPM4103 Contract and Procurement	4	4 Chariolisation course F	4
Management	4	Specialisation course 5	4
Specialisation course 3	4		
Sub-total	18	Sub-total Sub-total	14

Note: IPM1104 Built Environment Engineering Principles and Practice is double-counted as a course for the Specialisation in Sustainable Green Buildings.

(for students who opt for industrial attachment)

Semester 1	Units	Semester 2	Units
IPM1102 Infrastructure and Project	4	IPM1103I Digitalisation in the Built	4
Management Law	4	Environment	4
IPM1104 Built Environment Engineering	4	CS1010E Programming Methodology	4
Principles and Practice	4	CSTOTOE Programming Methodology	4
GEA1000 Quantitative Reasoning with	4	EG1311 Design and Make	4
Data	4		
DTK1234 Design Thinking	4	MA1511 Engineering Calculus	2
MA1513 Linear Algebra with Differential	2	CE2407B Introduction to Numerical	2
Equations	2	Methods for Engineers	2
CE2407A Uncertainty Analysis for	2	2 Consum A/D answer for Consum Alarian	4
Engineers	2	Group A/B course for Second Major	4
Sub-total	20	Sub-total	20

Semester 3	Units	Semester 4	Units
IPM2101 Introduction to Building	4	IDNA2102 Maggurament / Duilding Marks)	4
Performance	4	IPM2103 Measurement (Building Works)	4
IPM2102 Construction Technology	4	IPM2104 Project Cost Management	4
CDE2501 Liveable Cities	1	ES2631 Critique and Communication of	4
CDE2301 Liveable Cities	4	Thinking and Design	
EE2211 Introduction to Machine			
Learning or EE2213 Introduction to	4	GEC/GEN	4
Artificial Intelligence			
PF1101A Project Management and	4	CDE3301 Ideas to Proof-of-Concept	6
Finance	4	CDESSOT Ideas to Proof-of-Concept	0
Group A/B course for Second Major	4		
Sub-total	24	Sub-total	22

Semester 5	Units	Semester 6	Units
CDE3301 Ideas to Proof-of-Concept	6	EG3611A Industrial Attachment	10
IPM3102 Infrastructure and Facilities	4		
Management			
Additional technical course 1	4		
Additional technical course 2	4		
EG2401A Engineering Professionalism	2		
Sub-total	20	Sub-total Sub-total	10

Semester 7	Units	Semester 8	Units
CDE4301 Innovation & Design Capstone or CDE4301A Ideas to Start-up	6	CDE4301 Innovation & Design Capstone or CDE4301A Ideas to Start-up	6
IPM4102 Project Execution	4	Innovation & Enterprise Elective 1	4
IPM4103 Contract and Procurement Management	4	Innovation & Enterprise Elective 2	4
GEC/GEN	4	Additional technical course 3	4
UE	4	UE	4
Sub-total	22	Sub-total	22

(for students who opt for industrial attachment plus a specialisation)

Semester 1	Units	Semester 2	Units
IPM1102 Infrastructure and Project	4	IPM1103I Digitalisation in the Built	4
Management Law	4	Environment	4
IPM1104 Built Environment Engineering	4	CC1010E Dragramming Mathadalagu	4
Principles and Practice	4	CS1010E Programming Methodology	4
GEA1000 Quantitative Reasoning with	4	EG1311 Design and Make	4
Data	4		
DTK1234 Design Thinking	4	MA1511 Engineering Calculus	2
MA1513 Linear Algebra with Differential	2	CE2407B Introduction to Numerical	2
Equations	2	Methods for Engineers	2
CE2407A Uncertainty Analysis for	2	Croup A/D course for Second Major	4
Engineers	2	Group A/B course for Second Major	4
Sub-total	20	Sub-total	20

Semester 3	Units	Semester 4	Units
IPM2101 Introduction to Building Performance	4	IPM2103 Measurement (Building Works)	4
IPM2102 Construction Technology	4	IPM2104 Project Cost Management	4
CDE2501 Liveable Cities	4	ES2631 Critique and Communication of Thinking and Design	4
EE2211 Introduction to Machine Learning <u>or</u> EE2213 Introduction to Artificial Intelligence	4	GEC/GEN	4
PF1101A Project Management and Finance	4	GEC/GEN	4
Group A/B course for Second Major	4	CDE3301 Ideas to Proof-of-Concept	6
Sub-total	24	Sub-total	26

Semester 5	Units	Semester 6	Units
CDE3301 Ideas to Proof-of-Concept	6	EG3611A Industrial Attachment	10
IPM3102 Infrastructure and Facilities Management	4		
Additional technical course 1	4		
Additional technical course 2	4		
EG2401A Engineering Professionalism	2		
Specialisation course 2	4		
Sub-total	24	Sub-total	10

Semester 7	Units	Semester 8	Units
CDE4301 Innovation & Design Capstone	6	CDE4301 Innovation & Design Capstone	6
or CDE4301A Ideas to Start-up	O	or CDE4301A Ideas to Start-up	O
IPM4102 Project Execution	4	Innovation & Enterprise Elective 1	4
IPM4103 Contract and Procurement	4	Innovation & Enterprise Elective 2	4
Management	4		
Specialisation course 3	4	Additional technical course 3	4
Specialisation course 4	4	Specialisation course 5	4
Sub-total	22	Sub-total	22

Note: IPM1104 Built Environment Engineering Principles and Practice is double-counted as a course for the Specialisation in Sustainable Green Buildings.

(for students in year-long NOC programmes)

Semester 1	Units	Semester 2	Units
IPM1102 Infrastructure and Project	4	IPM1103I Digitalisation in the Built	4
Management Law	4	Environment	4
IPM1104 Built Environment Engineering	4	CC1010E Dragramming Mathadalagu	4
Principles and Practice	4	CS1010E Programming Methodology	4
GEA1000 Quantitative Reasoning with	4	EG1311 Design and Make	4
Data	4		
DTK1234 Design Thinking	4	MA1511 Engineering Calculus	2
MA1513 Linear Algebra with Differential	2	CE2407B Introduction to Numerical	2
Equations	2	Methods for Engineers	2
CE2407A Uncertainty Analysis for	2	Croup A/P course for Second Major	4
Engineers	2	Group A/B course for Second Major	4
Sub-total	20	Sub-total	20

Semester 3	Units	Semester 4	Units
IPM2101 Introduction to Building	4	IDNA2102 Maggurament / Duilding Marks)	4
Performance	4	IPM2103 Measurement (Building Works)	4
IPM2102 Construction Technology	4	IPM2104 Project Cost Management	4
CDE2501 Liveable Cities	1	ES2631 Critique and Communication of	4
CDE2301 Liveable Cities	4	Thinking and Design	
EE2211 Introduction to Machine			
Learning or EE2213 Introduction to	4	GEC/GEN	4
Artificial Intelligence			
PF1101A Project Management and	4	CDE3301 Ideas to Proof-of-Concept	6
Finance	4	CDESSOT Ideas to Proof-of-Concept	0
Group A/B course for Second Major	4		
Sub-total	24	Sub-total	22

Semester 5	Units	Semester 6 – NOC	Units
CDE3301 Ideas to Proof-of-Concept	6		
IPM3102 Infrastructure and Facilities Management	4		
IPM4102 Project Execution	4	NOC	
IPM4103 Contract and Procurement Management	4	NOC	
Additional technical course 1	4		
Additional technical course 2	4		
Sub-total	26	Sub-total Sub-total	20

Semester 7 – NOC	Units	Semester 8	Units
NOC		Additional technical course 3	4
		GEC/GEN	4
Sub-total	20	Sub-total Sub-total	8

Innovation & Design Programme NUS College of Design and Engineering

A year-long NOC programme comprises the following courses (up to 40 units):

- ETP3206L Innovation & Enterprise Internship (16 units) replaces EG3611A (10 units), EG2401A (2 units), and UE (4 units)
- ETP3202L Innovation & Enterprise Case Study & Analysis (8 units) replaces CDE4301A (8 units out of 12 units)
- ETP3203L Innovation & Enterprise Internship Practicum (8 units) replaces CDE4301A (4 units out of 12 units) and UE (4 units)
- Entrepreneurship courses (up to 8 units) replaces Innovation & Enterprise electives (up to 8 units students will need to complete additional Innovation & Enterprise Electives in NUS if they are unable to complete 8 units of entrepreneurship courses during NOC)

(for students in one-semester NOC programmes)

Semester 1	Units	Semester 2	Units
IPM1102 Infrastructure and Project	4	IPM1103I Digitalisation in the Built	4
Management Law	4	Environment	4
IPM1104 Built Environment Engineering	4	CS1010E Programming Mathodology	4
Principles and Practice	4	CS1010E Programming Methodology	4
GEA1000 Quantitative Reasoning with	4	FC1211 Design and Make	4
Data	4	EG1311 Design and Make	4
DTK1234 Design Thinking	4	MA1511 Engineering Calculus	2
MA1513 Linear Algebra with Differential	2	CE2407B Introduction to Numerical	2
Equations	2	Methods for Engineers	2
CE2407A Uncertainty Analysis for	2	Croup A/D source for Second Major	4
Engineers	2	Group A/B course for Second Major	4
Sub-total	20	Sub-total	20

Semester 3	Units	Semester 4	Units
IPM2101 Introduction to Building Performance	4	IPM2103 Measurement (Building Works)	4
IPM2102 Construction Technology	4	IPM2104 Project Cost Management	4
CDE2501 Liveable Cities	4	ES2631 Critique and Communication of Thinking and Design	4
EE2211 Introduction to Machine Learning <u>or</u> EE2213 Introduction to Artificial Intelligence	4	GEC/GEN	4
PF1101A Project Management and Finance	4	CDE3301 Ideas to Proof-of-Concept	6
Group A/B course for Second Major	4		
Sub-total	24	Sub-total	22

Semester 5	Units	Semester 6 – NOC	Units
CDE3301 Ideas to Proof-of-Concept	6		
IPM3102 Infrastructure and Facilities	4		
Management	4	NOC	
Additional technical course 1	4		
Additional technical course 2	4		
Sub-total	18	Sub-total Sub-total	22

Semester 7	Units	Semester 8	Units
CDE4301 Innovation & Design Capstone	6	CDE4301 Innovation & Design Capstone	6
or CDE4301A Ideas to Start-up	O	or CDE4301A Ideas to Start-up	U
IPM4102 Project Execution	4	Additional technical course 3	4
IPM4103 Contract and Procurement	4	4	4
Management	4	UE	4
GEC/GEN	4	UE	2
Sub-total	18	Sub-total Sub-total	16

A one-semester NOC programme comprises the following courses (up to 20 units):

- ETP3201S Innovation & Enterprise Internship (12 units) replaces EG3611A (10 units) and EG2401A (2 units)
- ETP3204S Innovation & Enterprise Internship Practicum (4 units) replaces Innovation & Enterprise Elective 1 (4 units)
- Entrepreneurship course (4 units) replaces Innovation & Enterprise Elective 2 (4 units)

Recommended semester schedule – poly-intake students

(for students who are exempted from DTK1234 and EG1311)

Semester 1	Units	Semester 2	Units
IPM1102 Infrastructure and Project	4	IPM1103I Digitalisation in the Built	4
Management Law	4	Environment	4
IPM1104 Built Environment Engineering	4	CS1010E Programming Mathodology	4
Principles and Practice	4	CS1010E Programming Methodology	4
GEA1000 Quantitative Reasoning with	4	MAAIF11 Engineering Coloulus	2
Data	4	MA1511 Engineering Calculus	2
MA1301 Introductory Mathematics *	4	CE2407B Introduction to Numerical	2
(UE)	4	Methods for Engineers	2
Group A/B course for Second Major	4	CDE3301 Ideas to Proof-of-Concept	6
		Group A/B course for Second Major	4
Sub-total	20	Sub-total	22

Semester 3	Units	Semester 4	Units
MA1513 Linear Algebra with Differential	2	IPM2103 Measurement (Building Works)	4
Equations *	2	iPivi2105 ivieasurement (Building Works)	4
CE2407A Uncertainty Analysis for	2	IDNA2104 Duniont Cont Management	4
Engineers *	2	IPM2104 Project Cost Management	4
IPM2101 Introduction to Building	4	ES2631 Critique and Communication of	4
Performance	4	Thinking and Design	4
IPM2102 Construction Technology	4	EE2211 Introduction to Machine Learning	4
CDE2501 Liveable Cities	4	GEC/GEN	4
PF1101A Project Management and	4	CEC/CEN	4
Finance	4	GEC/GEN	4
CDE3301 Ideas to Proof-of-Concept	6		
Sub-total	26	Sub-total	24

Semester 5	Units	Semester 6	Units
CDE4301 Innovation & Design Capstone	6	CDE4301 Innovation & Design Capstone	6
or CDE4301A Ideas to Start-up	0	or CDE4301A Ideas to Start-up	O
IPM3102 Infrastructure and Facilities	4	Innovation & Enterprise Floative 1	4
Management	4	Innovation & Enterprise Elective 1	4
IPM4102 Project Execution	4	Innovation & Enterprise Elective 2	4
IPM4103 Contract and Procurement	4	Additional technical course 3	4
Management	4	Additional technical course 3	4
Additional technical course 1	4	EG2401A Engineering Professionalism	2
Additional technical course 2	4		
Sub-total	26	Sub-total	20

 $^{^{*}}$ Students who are exempted from MA1301 can take MA1513 and CE2407A in Semester 1.

Poly-intake students with accredited diplomas will receive the following exemptions:

- DTK1234 Design Thinking (4 units)
- EG1311 Design and Make (4 units)
- EG3611P Industrial Attachment (10 units)
- Unrestricted electives (20 units)

Recommended semester schedule – poly-intake students

(for students who are exempted from CDE2000 and PF1101)

Semester 1	Units	Semester 2	Units
IPM1102 Infrastructure and Project	4	IPM1103I Digitalisation in the Built	4
Management Law	4	Environment	4
IPM1104 Built Environment Engineering	4	CS1010E Dragramming Mathadalogy	4
Principles and Practice	4	CS1010E Programming Methodology	4
GEA1000 Quantitative Reasoning with	4	CC1211 Design and Make	4
Data	4	EG1311 Design and Make	4
DTK1234 Design Thinking	4	MA1511 Engineering Calculus	2
MA1301 Introductory Mathematics *	4	CE2407B Introduction to Numerical	2
(UE)	4	Methods for Engineers	2
		Group A/B course for Second Major	4
		CDE3301 Ideas to Proof-of-Concept	6
Sub-total	20	Sub-total	26

Semester 3	Units	Semester 4	Units
MA1513 Linear Algebra with Differential	2	IPM2103 Measurement (Building Works)	4
Equations *	2	Trivi2103 ivieasurement (Bulluling Works)	4
CE2407A Uncertainty Analysis for	2	IPM2104 Project Cost Management	4
Engineers *	2	Project Cost Management	4
IPM2101 Introduction to Building	4	ES2631 Critique and Communication of	4
Performance	4	Thinking and Design	4
IPM2102 Construction Technology	4	GEC/GEN	4
CDE2501 Liveable Cities	4	GEC/GEN	4
EE2211 Introduction to Machine			
Learning or EE2213 Introduction to	4	Group A/B course for Second Major	4
Artificial Intelligence			
CDE3301 Ideas to Proof-of-Concept	6		
Sub-total	26	Sub-total Sub-total	24

Semester 5	Units	Semester 6	Units
CDE4301 Innovation & Design Capstone	6	CDE4301 Innovation & Design Capstone	6
or CDE4301A Ideas to Start-up	Ü	or CDE4301A Ideas to Start-up	ŭ
IPM3102 Infrastructure and Facilities	4	Investiga & Enterprise Floative 1	4
Management	4	Innovation & Enterprise Elective 1	
IPM4102 Project Execution	4	Innovation & Enterprise Elective 2	4
IPM4103 Contract and Procurement	4	Additional tooksisel serves 2	4
Management	4	Additional technical course 2	4
Additional technical course 1	4	EG2401A Engineering Professionalism	2
Sub-total	22	Sub-total	20

^{*} Students who are exempted from MA1301 can take MA1513 and CE2407A in Semester 1.

Poly-intake students with accredited diplomas will receive the following exemptions:

- CDE2000 Creating Narratives (4 units)
- PF1101 Fundamentals of Project Management (4 units)
- EG3611P Industrial Attachment (10 units)
- Unrestricted electives (20 units)