COURSE PLANNER

Bachelor of Engineering (Honours) (Robotics and Mechatronics) / Bachelor of Computer Science (Software Development)

BB-ERMSCS2

Intake: February 2022

Recommended Sequence

Units are listed on your Course Planner in a recommended sequence. However, this can be amended depending on unit availability, unit progression, timetabling and the semester in which you commenced your course.

Year One

Semester 1 | Feb 2022		
Unit Code	Unit Name	Pre-requisites
ENG10003	Mechanics of Structures	Nil
COS10009	Introduction to Programming	Nil
PHY10004	Electronics and Electromagnetism	Nil
MTH10013	Linear Algebra and Applications	Nil
Semester 2 | Aug/Sept 2022		
MTH10012	Calculus and Applications	Nil
ENG10001	Engineering, Design and Innovation	Nil
COS10011	Creating Web Applications	COS10009 (CR)
PHY10001	Energy and Motion	Nil

Year Two

Semester 3 | Feb/Mar 2023		
Unit Code	Unit Name	Pre-requisites
ENG10002	Engineering Materials	Nil
EEE20001	Digital Electronics Design	Nil
MEE20002@	Computer Aided Engineering Mechanical	ENG10001
COS20001	User Centred Design	Nil
Semester 4 | Aug/Sept 2023		
MEE20004	Structural Mechanics	ENG10003
RME20001	Electrical Actuators and Sensors	PHY10004
SWE20004	Technical Software Development	ENG10004/COS10001/COS10009
SWE20001	Managing Software Projects	SWE20004 / COS10009

Year Three

Semester 5 | Feb/Mar 2024		
Unit Code	Unit Name	Pre-requisites
MTH20014	Mathematics 3B	MTH10012 & MTH10013
TNE10006	Network and Switching	Nil
EEE20006	Circuits and Electronics 1	PHY10004 & MTH10013
EEE20003@	Embedded Microcontrollers	EEE20001 & SWE20004/COS10009
EAT20008	Professional Experience in Engineering#	Introductory Seminar
Semester 6 | Aug/Sept 2024		
MME30001@	Engineering Management 1	100 credit points
ICT30005	Professional Issues in IT	200 credit points
MEE20006	Machine Dynamics 1	MTH10013 & PHY10001
COS30041	Creating Secure and Scalable Software	(COS10011 / COS20001) & (COS20007 / SWE20004)

Year Four

Semester 7 | Feb/Mar 2025		
Unit Code	Unit Name	Pre-requisites
COS20015	Fundamentals of Data Management	COS10009
RME30002@	Control and Automation	MTH20014 & PHY10004/EEE20006
MEE40003@	Machine Dynamics 2	MEE20006
MEE30003@	Machine Design	MEE20004
Semester 8 | Aug/Sept 2025		
RME40002@	Mechatronics Systems Design	EEE20003
RME30003@	Robotic Control	RME30002
EEE30004@	Digital Signal Processing	MTH20014 & EEE20002/EEE20006
COS20007	Object-oriented Programming	COS10009 / SWE20004

Year Five

Semester 9 | Feb/Mar 2026		
Unit Code	Unit Name	Pre-requisites
EAT40003@	Final Year Research Project 1 (ENG/CS)	287.5 credit points
RME40003@	Robot System Design	250 credit points
MME40001	Engineering Management 2	100 credit points
SWE30011	IoT Programming	(COS10011 / COS10005) & (COS20007 / SWE20004)
Semester 10 | Aug/Sept 2026		
EAT40004@	Final Year Research Project 2 (ENG/CS)	ENG40001
COS30008	Data Structure and Patterns	COS20007 / SWE20004
COS30017	Software Development for Mobile Devices	COS20007 / SWE20004
SWE30009	Software Testing and Reliability	COS20007 / COS20004 / COS20011

Notes

EAT20008 Professional Experience in Engineering is compulsory for all engineering students and must be taken before the last semester of study as part of EAC's requirement. Introductory Seminar will be conducted in week 4 of normal semester.

@ Honours merit units | BEng(Hons)(R&M)

How to use your Course Planner

Refer to the below table to help explain what units are required each semester throughout your course. The units in your planner are colour coded to assist you with mapping out your studies.

Course Information

To qualify for the award of this course, students must complete 41 units (500 credit points) comprising of:

16 Core Units
200 credit points
A set of compulsory units you MUST complete as part of your Course.

16 Robotics and Mechatronics Major Units
200 credit points
A set of compulsory units you MUST complete as part of your Course.

8 Computer Science Major Units
100 credit points
A structured set of 8 units (100 credit points) in a field of study specific to your Course.

1 Industry Placement Unit
0 credit point
A compulsory, not-for-credit unit

All commencing students of Master, Degree, Diploma and Foundation courses will be automatically registered for the Academic Integrity Training Module in the first semester (Note: Students articulating from Foundation Studies are expected to undertake this unit as a refresher). There are 4 topics in this online module that are recommended for completion during Week 1-4 of your commencing study period. At the end of this module, students are required to complete a quiz comprised of 10 questions and achieve a score of at least 90%.

Ministry of Education requires that all NEW Cohorts pursuing Degree course (International and Malaysian) students must take the MPU units as a prerequisite for the award of their degree.

- Malaysian students: Must take and pass the units as a prerequisite for the award of their degree
- International students: Must attempt all coursework and final exam as a prerequisite for the award of their degree

COURSE PLANNER

SWINBURNE UNIVERSITY OF TECHNOLOGY

Bachelor of Engineering (Honours) (Robotics and Mechatronics) / Bachelor of Computer Science (Artificial Intelligence)

BB-ERMSCS2

Intake: February 2022

Recommended Sequence

Units are listed on your Course Planner in a recommended sequence. However, this can be amended depending on unit availability, unit progression, timetabling and the semester in which you commenced your course.

Year One

Semester 1 | Feb 2022		
Unit Code	Unit Name	Pre-requisites
ENG10003	Mechanics of Structures	Nil
COS10009	Introduction to Programming	Nil
PHY10004	Electronics and Electromagnetism	Nil
MTH10013	Linear Algebra and Applications	Nil
Semester 2 | Aug/Sept 2022		
MTH10012	Calculus and Applications	Nil
ENG10001	Engineering, Design and Innovation	Nil
COS10011	Creating Web Applications	COS10009 (CR)
PHY10001	Energy and Motion	Nil

Year Two

Semester 3 | Feb/Mar 2023		
Unit Code	Unit Name	Pre-requisites
ENG10002	Engineering Materials	Nil
EEE20001	Digital Electronics Design	Nil
MEE20002@	Computer Aided Engineering Mechanical	ENG10001
COS20001	User-Centered Design	Nil
Semester 4 | Aug/Sept 2023		
MEE20004	Structural Mechanics	ENG10003
RME20001	Electrical Actuators and Sensors	PHY10004
SWE20004	Technical Software Development	ENG10004/COS10001/COS10009
SWE20001	Managing Software Projects	SWE20004 / COS20007

Year Three

Semester 5 | Feb/Mar 2024		
Unit Code	Unit Name	Pre-requisites
MTH20014	Mathematics 3B	MTH10012 & MTH10013
TNE10006	Network and Switching	Nil
EEE20006	Circuits and Electronics 1	PHY10004 & MTH10013
EEE20003@	Embedded Microcontrollers	EEE20001 & SWE20004/COS10009
EAT20008	Professional Experience in Engineering#	Introductory Seminar
Semester 6 | Aug/Sept 2024		
MME30001@	Engineering Management 1	100 credit points
ICT30005	Professional Issues in IT	200 credit points
MEE20006	Machine Dynamics 1	MTH10013 & PHY10001
COS20007	Object-oriented Programming	COS10009 / SWE20004

Year Four

Semester 7 | Feb/Mar 2025		
Unit Code	Unit Name	Pre-requisites
COS20015	Fundamentals of Data Management	COS10009
RME30002@	Control and Automation	MTH20014 & PHY10004/EEE20006
MEE40003@	Machine Dynamics 2	MEE20006
MEE30003@	Machine Design	MEE20004
Semester 8 | Aug/Sept 2025		
RME40002@	Mechatronics Systems Design	EEE20003
RME30003@	Robotic Control	RME30002
MME40001	Engineering Management 2	100 credit points
COS30019	Introduction to Artificial Intelligence	COS20007 / COS30008

Year Five

Semester 9 | Feb/Mar 2026		
Unit Code	Unit Name	Pre-requisites
EAT40003@	Final Year Research Project 1 (ENG/CS)	287.5 credit points
RME40003@	Robot System Design	250 credit points
COS30018	Intelligent Systems	COS20007 / SWE20004
COS30081	Fund. of Natural Language Processing	COS20015 & COS30019
Semester 10 | Aug/Sept 2026		
EAT40004@	Final Year Research Project 2 (ENG/CS)	ENG40001
EEE30004@	Digital Signal Processing	MTH20014 & EEE20002/EEE20006
COS30008	Data Structure and Patterns	COS20007 / SWE20004
COS30082	Applied Machine Learning	COS30018 / COS30019

Notes

EAT20008 Professional Experience in Engineering is compulsory for all engineering students and must be taken before the last semester of study as part of EAC's requirement. Introductory Seminar will be conducted in week 4 of normal semester.

@ Honours merit units | BEng(Hons)(R&M)

How to use your Course Planner

Refer to the below table to help explain what units are required each semester throughout your course. The units in your planner are colour coded to assist you with mapping out your studies.

Course Information

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16 Core Units
200 credit points
A set of compulsory units you MUST complete as part of your Course.

16 Robotics and Mechatronics Major Units
200 credit points
A set of compulsory units you MUST complete as part of your Course.

8 Computer Science Major Units
100 credit points
A structured set of 8 units (100 credit points) in a field of study specific to your Course.

1 Industry Placement Unit
0 credit point
A compulsory, not-for-credit unit

All commencing students of Master, Degree, Diploma and Foundation courses will be automatically registered for the Academic Integrity Training Module in the first semester (Note: Students articulating from Foundation Studies are expected to undertake this unit as a refresher). There are 4 topics in this online module that are recommended for completion during Week 1-4 of your commencing study period. At the end of this module, students are required to complete a quiz comprised of 10 questions and achieve a score of at least 90%.

Ministry of Education requires that all NEW Cohorts pursuing Degree course (International and Malaysian) students must take the MPU units as a prerequisite for the award of their degree.

- Malaysian students: Must take and pass the units as a prerequisite for the award of their degree
- International students: Must attempt all coursework and final exam as a prerequisite for the award of their degree

COURSE PLANNER

Bachelor of Engineering (Honours) (Robotics and Mechatronics) / Bachelor of Computer Science (Internet of Things)

BB-ERMSCS2

Intake: February 2022

Recommended Sequence

Units are listed on your Course Planner in a recommended sequence. However, this can be amended depending on unit availability, unit progression, timetabling and the semester in which you commenced your course.

Year One

Semester 1 | Feb 2022		
Unit Code	Unit Name	Pre-requisites
ENG10003	Mechanics of Structures	Nil
COS10009	Introduction to Programming	Nil
PHY10004	Electronics and Electromagnetism	Nil
MTH10013	Linear Algebra and Applications	Nil
Semester 2 | Aug/Sept 2022		
MTH10012	Calculus and Applications	Nil
ENG10001	Engineering, Design and Innovation	Nil
COS10011	Creating Web Applications	COS10009 (CR)
PHY10001	Energy and Motion	Nil

Year Two

Semester 3 | Feb/Mar 2023		
Unit Code	Unit Name	Pre-requisites
ENG10002	Engineering Materials	Nil
EEE20001	Digital Electronics Design	Nil
MEE20002@	Computer Aided Engineering Mechanical	ENG10001
STA10003	Foundations of Statistics	Nil
Semester 4 | Aug/Sept 2023		
MEE20004	Structural Mechanics	ENG10003
RME20001	Electrical Actuators and Sensors	PHY10004
SWE20004	Technical Software Development	ENG10004/COS10001/COS10009
SWE20001	Managing Software Projects	SWE20004 / COS10009

Year Three

Semester 5 | Feb/Mar 2024		
Unit Code	Unit Name	Pre-requisites
MTH20014	Mathematics 3B	MTH10012 & MTH10013
TNE10006	Network and Switching	Nil
EEE20006	Circuits and Electronics 1	PHY10004 & MTH10013
EEE20003@	Embedded Microcontrollers	EEE20001 & SWE20004/COS10009
EAT20008	Professional Experience in Engineering#	Introductory Seminar
Semester 6 | Aug/Sept 2024		
MME30001@	Engineering Management 1	100 credit points
ICT30005	Professional Issues in IT	200 credit points
MEE20006	Machine Dynamics 1	MTH10013 & PHY10001
COS20007	Object-oriented Programming	COS10009 / SWE20004

Year Four

Semester 7 | Feb/Mar 2025		
Unit Code	Unit Name	Pre-requisites
COS20015	Fundamentals of Data Management	COS10009
RME30002@	Control and Automation	MTH20014 & PHY10004/EEE20006
MEE40003@	Machine Dynamics 2	MEE20006
MEE30003@	Machine Design	MEE20004
Semester 8 | Aug/Sept 2025		
RME40002@	Mechatronics Systems Design	EEE20003
RME30003@	Robotic Control	RME30002
MME40001	Engineering Management 2	100 credit points
COS30017	Software Development for Mobile Devices	COS20007 / SWE20004

Year Five

Semester 9 | Feb/Mar 2026		
Unit Code	Unit Name	Pre-requisites
EAT40003@	Final Year Research Project 1 (ENG/CS)	287.5 credit points
RME40003@	Robot System Design	250 credit points
COS20019	Cloud Computing Architecture	COS10011 & (TNE10006 / COS20016)
SWE30011	IoT Programming	(COS10011 / COS10005) & (COS20007 / SWE20004)
Semester 10 | Aug/Sept 2026		
EAT40004@	Final Year Research Project 2 (ENG/CS)	ENG40001
EEE30004@	Digital Signal Processing	MTH20014 & EEE20002/EEE20006
COS30015	IT Security	COS10009 & COS10011 & TNE10006
SWE30012	IoT Launcher Project	SWE30011 & (COS20007/SWE20004)

Notes

EAT20008 Professional Experience in Engineering is compulsory for all engineering students and must be taken before the last semester of study as part of EAC's requirement. Introductory Seminar will be conducted in week 4 of normal semester.

@ Honours merit units | BEng(Hons)(R&M)

How to use your Course Planner

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Course Information

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16 Core Units
200 credit points
A set of compulsory units you MUST complete as part of your Course.

16 Robotics and Mechatronics Major Units
200 credit points
A set of compulsory units you MUST complete as part of your Course.

8 Computer Science Major Units
100 credit points
A structured set of 8 units (100 credit points) in a field of study specific to your Course.

1 Industry Placement Unit
0 credit point
A compulsory, not-for-credit unit

All commencing students of Master, Degree, Diploma and Foundation courses will be automatically registered for the Academic Integrity Training Module in the first semester (Note: Students articulating from Foundation Studies are expected to undertake this unit as a refresher). There are 4 topics in this online module that are recommended for completion during Week 1-4 of your commencing study period. At the end of this module, students are required to complete a quiz comprised of 10 questions and achieve a score of at least 90%.

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- International students: Must attempt all coursework and final exam as a prerequisite for the award of their degree

COURSE PLANNER

SWINBURNE UNIVERSITY OF TECHNOLOGY

Bachelor of Engineering (Honours) (Robotics and Mechatronics) / Bachelor of Computer Science (Data Science)

BB-ERMSCS2

Intake: February 2022

Recommended Sequence

Units are listed on your Course Planner in a recommended sequence. However, this can be amended depending on unit availability, unit progression, timetabling and the semester in which you commenced your course.

Year One

Semester 1 | Feb 2022		
Unit Code	Unit Name	Pre-requisites
ENG10003	Mechanics of Structures	Nil
COS10009	Introduction to Programming	Nil
PHY10004	Electronics and Electromagnetism	Nil
MTH10013	Linear Algebra and Applications	Nil
Semester 2 | Aug/Sept 2022		
MTH10012	Calculus and Applications	Nil
ENG10001	Engineering, Design and Innovation	Nil
COS10011	Creating Web Applications	COS10009 (CR)
PHY10001	Energy and Motion	Nil

Year Two

Semester 3 | Feb/Mar 2023		
Unit Code	Unit Name	Pre-requisites
ENG10002	Engineering Materials	Nil
EEE20001	Digital Electronics Design	Nil
MEE20002@	Computer Aided Engineering Mechanical	ENG10001
STA10003	Foundations of Statistics	Nil
Semester 4 | Aug/Sept 2023		
MEE20004	Structural Mechanics	ENG10003
RME20001	Electrical Actuators and Sensors	PHY10004
SWE20004	Technical Software Development	ENG10004/COS10001/COS10009
SWE20001	Managing Software Projects	SWE20004 / COS10009

Year Three

Semester 5 | Feb/Mar 2024		
Unit Code	Unit Name	Pre-requisites
MTH20014	Mathematics 3B	MTH10012 & MTH10013
TNE10006	Network and Switching	Nil
EEE20006	Circuits and Electronics 1	PHY10004 & MTH10013
EEE20003@	Embedded Microcontrollers	EEE20001 & SWE20004/COS10009
EAT20008	Professional Experience in Engineering#	Introductory Seminar
Semester 6 | Aug/Sept 2024		
MME30001@	Engineering Management 1	100 credit points
ICT30005	Professional Issues in IT	200 credit points
MEE20006	Machine Dynamics 1	MTH10013 & PHY10001
COS10022	Introduction to Data Science	Nil

Year Four

Semester 7 | Feb/Mar 2025		
Unit Code	Unit Name	Pre-requisites
COS20015	Fundamentals of Data Management	COS10009
RME30002@	Control and Automation	MTH20014 & PHY10004/EEE20006
MEE40003@	Machine Dynamics 2	MEE20006
MEE30003@	Machine Design	MEE20004
Semester 8 | Aug/Sept 2025		
RME40002@	Mechatronics Systems Design	EEE20003
RME30003@	Robotic Control	RME30002
EEE30004@	Digital Signal Processing	MTH20014 & EEE20002/EEE20006
COS20007	Object-oriented Programming	COS10009 / SWE20004

Year Five

Semester 9 | Feb/Mar 2026		
Unit Code	Unit Name	Pre-requisites
EAT40003@	Final Year Research Project 1 (ENG/CS)	287.5 credit points
RME40003@	Robot System Design	250 credit points
MME40001	Engineering Management 2	100 credit points
COS30019	Introduction to Artificial Intelligence	COS20007 / COS30008
Semester 10 | Aug/Sept 2026		
EAT40004@	Final Year Research Project 2 (ENG/CS)	ENG40001
COS30008	Data Structure and Patterns	COS20007 / SWE20004
COS30045	Data Visualisation	COS10009
COS20028	Big Data Architecture and Application	COS10022 & COS20007

Notes

EAT20008 Professional Experience in Engineering is compulsory for all engineering students and must be taken before the last semester of study as part of EAC's requirement. Introductory Seminar will be conducted in week 4 of normal semester.

@ Honours merit units | BEng(Hons)(R&M)

How to use your Course Planner

Refer to the below table to help explain what units are required each semester throughout your course. The units in your planner are colour coded to assist you with mapping out your studies.

Course Information

To qualify for the award of this course, students must complete 41 units (500 credit points) comprising of:

16 Core Units
200 credit points
A set of compulsory units you MUST complete as part of your Course.

16 Robotics and Mechatronics Major Units
200 credit points
A set of compulsory units you MUST complete as part of your Course.

8 Computer Science Major Units
100 credit points
A structured set of 8 units (100 credit points) in a field of study specific to your Course.

1 Industry Placement Unit
0 credit point
A compulsory, not-for-credit unit

All commencing students of Master, Degree, Diploma and Foundation courses will be automatically registered for the Academic Integrity Training Module in the first semester (Note: Students articulating from Foundation Studies are expected to undertake this unit as a refresher). There are 4 topics in this online module that are recommended for completion during Week 1-4 of your commencing study period. At the end of this module, students are required to complete a quiz comprised of 10 questions and achieve a score of at least 90%.

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- Malaysian students: Must take and pass the units as a prerequisite for the award of their degree
- International students: Must attempt all coursework and final exam as a prerequisite for the award of their degree

COURSE PLANNER

Bachelor of Engineering (Honours) (Robotics and Mechatronics) / Bachelor of Computer Science (Cybersecurity)

BB-ERMSCS2

Intake: February 2022

Recommended Sequence

Units are listed on your Course Planner in a recommended sequence. However, this can be amended depending on unit availability, unit progression, timetabling and the semester in which you commenced your course.

Year One

Semester 1 | Feb 2022		
Unit Code	Unit Name	Pre-requisites
ENG10003	Mechanics of Structures	Nil
COS10009	Introduction to Programming	Nil
PHY10004	Electronics and Electromagnetism	Nil
MTH10013	Linear Algebra and Applications	Nil
Semester 2 | Aug/Sept 2022		
MTH10012	Calculus and Applications	Nil
ENG10001	Engineering, Design and Innovation	Nil
COS10011	Creating Web Applications	COS10009 (CR)
PHY10001	Energy and Motion	Nil

Year Two

Semester 3 | Feb/Mar 2023		
Unit Code	Unit Name	Pre-requisites
TNE10006	Network and Switching	Nil
ENG10002	Engineering Materials	Nil
EEE20001	Digital Electronics Design	Nil
MEE20002@	Computer Aided Engineering Mechanical	ENG10001
Semester 4 | Aug/Sept 2023		
MEE20004	Structural Mechanics	ENG10003
RME20001	Electrical Actuators and Sensors	PHY10004
SWE20004	Technical Software Development	ENG10004/COS10001/COS10009
SWE20001	Managing Software Projects	SWE20004 / COS10009

Year Three

Semester 5 | Feb/Mar 2024		
Unit Code	Unit Name	Pre-requisites
MTH20014	Mathematics 3B	MTH10012 & MTH10013
EEE20006	Circuits and Electronics 1	PHY10004 & MTH10013
EEE20003@	Embedded Microcontrollers	EEE20001 & SWE20004/COS10009
ICT30010	eForensic Fundamentals	TNE10006
EAT20008	Professional Experience in Engineering#	Introductory Seminar
Semester 6 | Aug/Sept 2024		
MME30001@	Engineering Management 1	100 credit points
ICT30005	Professional Issues in IT	200 credit points
MEE20006	Machine Dynamics 1	MTH10013 & PHY10001
INF30020	Information Systems Risk and Security	100CPs & SWE20004 / COS20007

Year Four

Semester 7 | Feb/Mar 2025		
Unit Code	Unit Name	Pre-requisites
COS20015	Fundamentals of Data Management	COS10009
RME30002@	Control and Automation	MTH20014 & PHY10004/EEE20006
MEE40003@	Machine Dynamics 2	MEE20006
MEE30003@	Machine Design	MEE20004
Semester 8 | Aug/Sept 2025		
RME40002@	Mechatronics Systems Design	EEE20003
RME30003@	Robotic Control	RME30002
MME40001	Engineering Management 2	100 credit points
TNE20002	Network Routing Principles	TNE10006

Year Five

Semester 9 | Feb/Mar 2026		
Unit Code	Unit Name	Pre-requisites
EAT40003@	Final Year Research Project 1 (ENG/CS)	287.5 credit points
RME40003@	Robot System Design	250 credit points
TNE30009	Network Security & Resilience	TNE10006
TNE30012	Secure Remote Access Networks	TNE20002
Semester 10 | Aug/Sept 2026		
EAT40004@	Final Year Research Project 2 (ENG/CS)	ENG40001
EEE30004@	Digital Signal Processing	MTH20014 & EEE20002/EEE20006
COS20007	Object-oriented Programming	COS10009 / SWE20004
COS30015	IT Security	COS10009 & COS10011 & TNE10006

Notes

EAT20008 Professional Experience in Engineering is compulsory for all engineering students and must be taken before the last semester of study as part of EAC's requirement. Introductory Seminar will be conducted in week 4 of normal semester.

@ Honours merit units | BEng(Hons)(R&M)

How to use your Course Planner

Refer to the below table to help explain what units are required each semester throughout your course. The units in your planner are colour coded to assist you with mapping out your studies.

Course Information

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16 Core Units
200 credit points
A set of compulsory units you MUST complete as part of your Course.

16 Robotics and Mechatronics Major Units
200 credit points
A set of compulsory units you MUST complete as part of your Course.

8 Computer Science Major Units
100 credit points
A structured set of 8 units (100 credit points) in a field of study specific to your Course.

1 Industry Placement Unit
0 credit point
A compulsory, not-for-credit unit

All commencing students of Master, Degree, Diploma and Foundation courses will be automatically registered for the Academic Integrity Training Module in the first semester (Note: Students articulating from Foundation Studies are expected to undertake this unit as a refresher). There are 4 topics in this online module that are recommended for completion during Week 1-4 of your commencing study period. At the end of this module, students are required to complete a quiz comprised of 10 questions and achieve a score of at least 90%.

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- Malaysian students: Must take and pass the units as a prerequisite for the award of their degree
- International students: Must attempt all coursework and final exam as a prerequisite for the award of their degree