

FACULTY OF ENGINEERING, COMPUTING AND SCIENCE

ENGINEERING UNITS 2024

Unit Code	Unit Name	Prerequisite	Intake
ENG10001	Humanitarian Engineering Design Project		Feb-24
COS10025	Technology in an indigenous Context Project		
MTH10012	Calculus and Applications		
ENG20009	Engineering Technology Inquiry Project		
MME40001	Engineering Management 2 (Pre-requisites Required)		
RME30002	Control and Automation (Pre-requisites Required)		
RME40003	Robot Systems Design (Pre-requisites Required)		
CEE20001	Introduction to Chemical Engineering Design	ENG10001	
CEE20005	Engineering Chemistry	Nil	
CEE30002	Reaction Engineering	CEE20005	
CEE30004	Process Heat Transfer	CEE20002	
CEE30006	Process Modelling and Optimisation	CEE20001 & MTH20010	
CEE30007	Process Control & Measurements	MTH20010	
CEE40005	Environmental Engineering	CEE20001	
ENG40001	Final Year Research Project 1	Completion of 287.5 credit points	
CEE40002*	Process Plant Design 1	CEE30006 & 275 Credit points	
ENG40002*	Final Year Research Project 2	ENG40001	
CEE40004*	Process Plant Design 2	CEE40002	
ENG10002	Engineering Materials		
MTH10013	Linear Algebra and Applications		
MEE20001	Thermodynamics		
MEE20004	Structural Mechanics		
MEE20007	Design and Product Visualisation Project		
MME30001	Engineering Management 1		
MEE30001	Manufacturing Engineering		
MEE40050	Introduction to Building Services Engineering		

Unit Code	Unit Name	Prerequisite	Intake
ENG10001	Humanitarian Engineering Design Project		Sep-24
COS10025	Technology in an indigenous Context Project		
MTH10012	Calculus and Applications		
ENG20010	Engineering Technology Design Project		
MME40001	Engineering Management 2 (100 credit required)		
RME30003	Robotic Control (Pre-requisites Required)		
RME40002	Mechatronics Systems Design (Pre-requisites Required)		
CEE20002	Chemical Engineering Thermodynamics	Nil	
CEE20003	Fluid Mechanics C	MTH10012 & MTH10013	
CEE20004	Process Safety and Sustainability	ENG10001	
CEE30001	Transport Phenomena	CEE20002 & CEE20003	
CEE30003	Process Mass Transfer	CEE20002	
CEE30005	Multiphase Processes	CEE20003	
ENG40001	Final Year Research Project 1	287.5 credit points	
CEE40002	Process Plant Design 1	CEE30006 & 275 credit points	
ENG40002	Final Year Research Project 2	ENG40001	
CEE40004	Process Plant Design 2	CEE40002	
ENG10002	Engineering Materials		
MTH10013	Linear Algebra and Applications		
MEE20003	Fluid Mechanics 1: Forces and Energy		
MEE20005	Materials Processing and Machining		
MEE20006	Engineering Dynamics		
MME30001	Engineering Management 1		
MEE40001	Heat Transfer		
MEE40051	Heating, Ventilation, and Air Conditioning	MEE20003 and MEE20001	

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BUILT ENVIRONMENT UNITS 2024

Unit Code	Unit Name	Prerequisite	Intake
QSB20003	Cost Planning and Control		Feb-24
QSB10013	Cost Estimating		
QSB10001	Introduction to Construction		
QSB10003	Construction Economics		
QSB10002	Introduction to Building Service		
QSB20005	Construction Technology 2		
QSB20004	Construction Measurement 2		
QSB20006	Introduction to Construction Law and Contracts		

**INTERNATIONAL STUDY ABROAD PROGRAM
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Unit Code	Unit Name	Prerequisite	Intake
QSB10014	Construction Measurement 1		Sep-24
QSB20014	Construction Measurement 3		
QSB10015	Construction Technology 1		
QSB20015	Construction Technology 3		
QSB10011	Computerised Taking Off		
QSB10001	Introduction to Construction		
QSB10002	Introduction to Building Service		
QSB10012	Advanced Building Services		
QSB20016	Advanced Construction Law and Contract		
QSB20017	Integrated Project 1		
QSB11001	Engineering Survey		

COMPUTING UNITS 2024

Unit Code	Unit Name	Prerequisite	Intake
TNE10005	Network Administration		Feb-24
COS10009	Introduction to Programming		
ICT10022	ICT Enquiry Project		
COS20007	Object-Oriented Programming		
COS20015	Fundamentals of Data Management		
COS20019	Cloud Computing Architecture		
ICT20025	ICT Design Project		
COS30043	Interface Design and Development		
ICT30017	ICT Project A		
ICT30018	ICT Project B		
TNE10006	Networks and Switching		
TNE20002	Network Routing Principles		
TNE30012	Secure Remote Access Networks		
TNE30018	Enterprise Network Server Administration		

Unit Code	Unit Name	Prerequisite	Intake
COS10005	Web Development		Sep-24
COS10009	Introduction to Programming		
COS10025	Technology in an Indigenous Context Project		
COS20007	Object-Oriented Programming		
COS30020	Advanced Web Development		
COS30045	Data Visualisation		
ICT30016	ICT Innovation Project		
ICT30017	ICT Project A		
COS30017	Software Development for Mobile Devices		
ICT30018	ICT Project B		
TNE10006	Networks and Switching		

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SCIENCE UNITS 2024

Unit Code	Unit Name	Prerequisite	Intake
BIO10001	Concept of Biology		Feb-24
CHE10001	Chemistry 1		
PHY10001	Energy and Motion		
STA10003	Foundation of Statistics		
BCH20002	Introduction to Biochemistry	Biology and Chemistry	
BIO20002	The Microbial World	Biology	
PEH20002	Food Science	Chemistry	
ENV30003	Environmental Management	100 Credit Points	
BIO30010	Natural Products	150 Credit Points	

Unit Code	Unit Name	Prerequisite	Intake
BIO10001	Concept of Biology		Sep-24
CHE10001	Chemistry 1		
MTH10010	Essential Mathematics		
BIO10003	Concept of Biotechnology		
PEH20004	built and Sustainable Communities		
CHE10005	Consumer Chemistry	Chemistry	
PEH20006	Water Science	Chemistry	
BIO20008	Introduction to Tropical Ecology	87.5 Credit Points	

MASTER OF CONSTRUCTION MANAGEMENT PRACTICE UNITS 2024

Unit Code	Unit Name	Prerequisite	Intake
CSM80006	Engineering Project Management		Feb-24
CSM80015	BIM and Digital Twin for Sustainable Building and Infrastructure		

**INTERNATIONAL STUDY ABROAD PROGRAM
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MME80003	Maintenance Management of Building and Engineering Assets		Feb-24
ICT80011**	Research Methods		
CVE80001	Research Paper		Sep-24
CSM80003	Construction Law and Contract Management		
CSM80013	Procurement, Tendering and Contracts		
CSM80016	Estimating and Project Costing		
MME80001	Resource Planning and Management		

MASTER OF IT UNITS 2024 (INTAKE: FEB/JULY)

Unit Code	Unit Name	Prerequisite	Intake
COS60010	Technology Enquiry Project		Feb-24
COS60004	Creating Web Applications		
COS60009	Data Management for the Big Data Age		
COS70004	User-Centred Design		
COS60011	Technology Design Project		
COS60008	Introduction to Data Science		
ICT60001	Operating System Management		
Unit Code	Unit Name	Prerequisite	Intake
COS60010	Technology Enquiry Project		Jul-24
COS60004	Creating Web Applications		
COS60009	Data Management for the Big Data Age		
COS70004	User-Centred Design		
COS60011	Technology Design Project		
COS80001	Cloud Computing Architecture		
COS70008	Technology Innovation Project		
CYB60004	Networks and Cybersecurity Frameworks		
COS80025	Data Visualisation		
COS80023	Big Data		
COS80029	Technology Application Project		
COS80021	Web Application Development		

FACULTY OF BUSINESS, DESIGN AND ARTS

BUSINESS UNITS 2024

Unit Code	Unit Name	Prerequisite	Intake	
ACC10007	Financial Information for Decision Making		Feb-24	
ACC10008	Financial Information Systems			
ACC20007	Management Accounting for Planning and Control			
ACC20013	Company Accounting			
ACC30005	Taxation			
ACC30008	Accounting Theory			
ACC30009	Analysis for Competitive Advantage			
ACC30010	Auditing			
BUS10014	Business for Sustainability, Social Change and Impact			
ECO10005	Economics for Business Decision Making			
FIN10002	Financial Statistics			
FIN20014	Financial Management			
FIN20016	Ethics and International Finance			
FIN30014	Financial Risk Management			
FIN30016	Management of Investment Portfolios			
FIN30020	Alternative Investments			
FIN30021	Fixed Income and Debt Markets			
LAW20019	Law of Commerce			
LAW30005	Law of Employment			
BUS10015	Design Thinking and Teamwork			
BUS30032	Business Consulting Project			
BUS30031	Sustainable Business Practice			
ECO10005	Economics for Business Decision Making			
ENT10001	Entrepreneurship and Opportunity			
HRM10004	Human Resource Practices			
HRM20016	Dynamics of Diversity in Organisations			
INB10002	International Business Operations			
INB20009	Global and Digital Marketplaces			
INB20012	Asian Regionalism and Global Business			
INB30020	Sustainable International Business Strategy			
INB30025	Global Business Across Cultures			
MGT10009	Contemporary Management Principles			
MGT10010	Ethics of Innovation			
MGT20007	Organisational Behaviour			
MGT20008	Business, Society and Sustainability			
MGT30005	Strategic Planning			
MGT30008	Leadership Practice and Skills			
MKT10009	Marketing and the Consumer Experience			
MKT20019	Marketing Research and Analytics			
MKT20021	Integrated Marketing Communication			
MKT20025	Consumer Behaviour			
MKT20031	Marketing and Innovation			
MKT30016	Marketing Strategy and Planning			
Unit Code	Unit Name	Prerequisite		Intake
ACC10007	Financial Information for Decision Making			Feb-24
ACC10008	Financial Information Systems			
ACC20007	Management Accounting for Planning and Control			
ACC20013	Company Accounting			
ACC30005	Taxation			
ACC30008	Accounting Theory			
ACC30009	Analysis for Competitive Advantage			
ACC30010	Auditing			
BUS10014	Business for Sustainability, Social Change and Impact			

**INTERNATIONAL STUDY ABROAD PROGRAM
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ECO10005	Economics for Business Decision Making		Sep-24
FIN10002	Financial Statistics		
FIN20014	Financial Management		
FIN20016	Ethics and International Finance		
FIN30014	Financial Risk Management		
FIN30016	Management of Investment Portfolios		
FIN30021	Fixed Income and Debt Markets		
LAW20019	Law of Commerce		
LAW30005	Law of Employment		
BUS10015	Design Thinking and Teamwork		
BUS30032	Business Consulting Project		
BUS30031	Sustainable Business Practice		
ECO10005	Economics for Business Decision Making		
ENT20006	Lean Startup Springboard		
ENT20008	Startup Funding and Investment		
ENT30015	Launching New Ventures		
HRM10004	Human Resource Practices		
HRM20016	Dynamics of Diversity in Organisations		
HRM20017	Managing Workplace Relations		
HRM30011	Human Resource Analytics		
HRM30012	Digital Management and the Future of Work		
INB10002	International Business Operations		
INB20012	Asian Regionalism and Global Business		
INB30020	Sustainable International Business Strategy		
INB30025	Global Business Across Cultures		
MGT10009	Contemporary Management Principles		
MGT10010	Ethics of Innovation		
MGT20007	Organisational Behaviour		
MGT20008	Business, Society and Sustainability		
MGT30005	Strategic Planning		
MGT30008	Leadership Practice and Skills		
MKT10009	Marketing and the Consumer Experience		
MKT20019	Marketing Research and Analytics		
MKT20021	Integrated Marketing Communication		
MKT20025	Consumer Behaviour		
MKT20031	Marketing and Innovation		
MKT20032	Frontiers in Digital Marketing		
MKT30018	Marketing Insights		
PRM30001	Project Management Essentials.		
SCM20003	Global Logistics and Supply Chain Management		

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MBA UNITS 2024 (INTAKE: FEB/MAY/JUL/OCT)

Unit Code	Unit Name	Prerequisite	Intake
INF80042	Governing Technology for Business Environments		Feb 2024
MGT60040	Management Analysis and Problem Solving		
MGT80002	Business Strategy		
MGT80005	Leadership for Innovation		
ECO80001	Economics		May 2024
MKT60010	Marketing Management		
FIN80005	Corporate Financial Management		
HRM70011	Ethics and Governance**		
MGT60040	Management Analysis and Problem Solving		July
MGT80002	Business Strategy		

**INTERNATIONAL STUDY ABROAD PROGRAM
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MGT80005	Leadership for Innovation		July 2024
INB60004	Global Business Cultures: Advanced Theories and Practices		
ACC60008	Accounting Systems and Reporting		
INB60003	International Trade and Investment		Oct 2024
HRM60016	Behaviour in Organisations		
HRM70011	Ethics and Governance**		
BUS80003	Research Methodology		

DESIGN UNITS 2024

Unit Code	Unit Name	Prerequisite	Intake
DCO10001	Concepts and Narratives		Feb-24
DCO10002	Digital Design		
DCO10004	Photography for Design		
DCO10005	Typography		
DCO20001	Brand and Identity Design		
DDD10001	20 th Century Design		
DCO10007	Visual Communication Studio		
DDM10005	Imaging for Narratives and Storyboards		

Unit Code	Unit Name	Prerequisite	Intake
DCO10001	Concepts and Narratives		Sep-24
DCO10002	Digital Design		
DCO10004	Photography for Design		
DCO10005	Typograph		
DCO20001	Brand and Identity Design		
DDD10001	20 th Century Design		
DCO10003	Packaging Design		
DDM10006	Typography for Screen and Motion		
DDM20003	Digital Video Camera Technique		

MEDIA AND COMMUNICATION UNITS 2024

Unit Code	Unit Name	Prerequisite	Intake
MDA20011	Sports / Advertising / Media		Sep-24
MDA20025	National Media in a Globalised World		
MDA20009	Digital Communities		
MDA10008	Global Media Industries		
MDA10012	Communication with Data		
MDA30012	Researching Social Media Publics		
MDA30017	Media Analytics and Visualisation		
MDA30007	Media and Communication Project B		
MDA10006	Innovation Culture		

MASTER OF ARTS (TESOL) UNITS 2024

Unit Code	Unit Name	Prerequisite	Intake
MAT4104	Methods and Approaches in TESOL		Sep-24
MAT5101	Theories and Practices: Listening, Speaking, Reading, and Writing		
MAT4103	Educational Management and Leadership		
EDU60003	Curriculum Design and Assessment		