FACULTY OF ENGINEERING AND SCIENCE

Units Offered – Semesters 1 & 2, 2025

(Undergraduate Programme)

(Rev.08 – changes are highlighted in yellow and/or refer to last page for revision note)

Date: Monday, July 7, 2025

UNIT CODE	UNIT TITLE	SEM 1, 2025	SEM 2, 2025	REMARKS
	DEPARTMENT: HEAD OF DEPARTI	ENGINEERING FIRS		
MATH1019	Linear Algebra and Statistics for Engineers	V		
INDE1001	Engineering Foundations: Principles,	$\sqrt{}$	V	
	Design and Communication			
ELEN1000	Electrical Systems	V	V	
MCEN1000	Engineering Mechanics	V	V	
MATH1020	Calculus for Engineers Resources, Processes and Materials	7	N N	
PRRE1003	Engineering	V	V	
COMP1005	Fundamentals of Programming	V	V	
ELEN1002	Sustainability and Renewable Energy	$\sqrt{}$	√	Optional Unit
GEOL1007	Planetary Science		V	Optional Unit; Applies to
CHEM1000	Principles and Processes in Chemistry	V	V	students enrolled in
GEOL1005	Fundamentals of Geology		V	Semester 2, 2024 onwards
CMPE1000	Hardware Fundamentals	V		4
ISAD1000 GEOL1008	Introduction to Software Engineering Dynamic Earth	7		-
SPAT1007	Fundamentals of Geographic Information	√ √		+
	Systems	V		
BLDG1004	Introduction to Management in Construction	V		
	DEPARTMENT: CHEMI			
DDOCDANANE, CH	HEAD OF DEPARTMENT: PR IEMICAL ENGINEERING	OF. IK. 13. STEPHA	INIE CHAN YEN SAN	
CHEN2002	Process Heat Transfer			
CHEM1000	Principles and Processes in Chemistry	V	V	
CHEN2000	Mass and Energy Balances	√ V	√ V	
ENGR2000	Fluid Mechanics	√ √	,	Common Engineering Unit
CHEN3010	Reaction Engineering	, 		
CHEN3003	Process Synthesis and Design	\ \ \		
CHEN3009	Fluid and Particle Processes	2/		
ENGR4000		2/		
	Engineering Industry Research Project 1	V	N A	
ENGR4001	Engineering Industry Research Project 2	V	٧	
CHEN4001	Process Safety and Risk Management	V		
CHEN4012	Advanced Unit Operations	٧	1	
CHEN2001	Thermodynamics	,	V	
CHEM1002	Reactivity and Function in Chemistry	√	V	
CHEN2003	Process Mass Transfer		V	
CHEN2004	Process Simulation and Data Analytics		V	
CHEN3001	Computational Transport Phenomena	√		
CHEN4016	Engineering Economics, Management and Sustainability		V	
CHEN3005	Process Instrumentation and Control		V	
CHEN4015	Chemical Engineering Design Project		V	
Specialisation Uni	ts Year 3 (please refer to Course Structure for	list of specialisations	offered):	
CHEN4020	Carbon Management	√		SPUE-TRENT Transitional Energy Technologies Specialisation
CHEN4017	Bioprocess Engineering		V	SPUE-TRENT Transitional Energy Technologies Specialisation
ENEN2001	Solid and Hazardous Waste Management		unit availability under gineering programme)	SPUE-WAWMG Water, Air and Waste Management Specialisation

UNIT CODE	UNIT TITLE	SEM 1, 2025	SEM 2, 2025	REMARKS
Specialisation Un	its Year 4 (please refer to Course Structure for	r list of specialisations of	offered):	
CHEN4010	Advanced Thermodynamics and Reactor		V	SPUE-ADMPR Advanced
	Engineering			Materials and Processing
				Specialisation
CHEN4020	Carbon Management			SPUE-WAWMG Water, Air
				and Waste Management
				Specialisation
ENEN3000	Aerial Emissions and Abatement		$\sqrt{}$	SPUE-WAWMG Water, Air
				and Waste Management
				Specialisation
PROGRAMME: EN	IERGY ENGINEERING			
CHENZOOO	Mass and Energy Balances	V		Shared unit with Chemica
CHEN2000	iviass and Energy Balances	1		Engineering Shared unit with Electrica
ELEN2000	Electrical Circuits	٧		and Electronic Engineering
LLLINZOOO	Liectrical Circuits	\\		Shared unit with Chemica
CHEN2002	Process Heat Transfer	•		Engineering
		V		Common Engineering Uni
ENGR2000	Fluid Mechanics	,	ما	Common Engineering on
ENGR2002	Introduction to Energy Engineering		V	
01.51.55			V	Shared unit with Chemica
CHEN2001	Thermodynamics		.1	Engineering
ENGR2003	Sustainable Energy Systems Engineering		V	
MCEN2007	Mechanics for Energy Engineering		V	
ROGRAMME: PE	TROLEUM ENGINEERING			
PEEN3000	Formation Evaluation	$\sqrt{}$	$\sqrt{}$	
PEEN3001	Fundamentals of Reservoir Engineering			
PEEN3008	Advanced Reservoir Engineering		<u> </u>	
PEEN3002	Petroleum Production Technology	1	V	
PEEN3005	Petroleum Geology and Geophysics	V		
PEEN4003	Advanced Drilling Engineering	$\sqrt{}$		
PEEN4004	Numerical Reservoir Simulation	√		
PEEN4011	Petroleum Field Development Planning		V	
	DEPARTMENT: CIVIL A	ND CONSTRUCTION	FNGINFFRING	
	HEAD OF DEPARTMENT: ASSO			ON
200000000000000000000000000000000000000		ON THE PROPERTY OF	TOTAL REPORT SO	<u> </u>
YKOGRAMME: CI	VIL AND CONSTRUCTION ENGINEERING			
PROGRAMME: CI CSEN2000				
CSEN2000	Civil Engineering Construction Materials Fluid Mechanics	√ √		Common Engineering Uni
CSEN2000 ENGR2000	Civil Engineering Construction Materials Fluid Mechanics	\ \ \ \		Common Engineering Uni
CSEN2000 ENGR2000 CVEN2000	Civil Engineering Construction Materials Fluid Mechanics Civil Engineering Drawing and Surveying	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \		Common Engineering Uni
CSEN2000 ENGR2000	Civil Engineering Construction Materials Fluid Mechanics	\ \ \ \		Common Engineering Uni
CSEN2000 ENGR2000 CVEN2000	Civil Engineering Construction Materials Fluid Mechanics Civil Engineering Drawing and Surveying Structural Analysis of Determinate Structures	\ \ \ \ \		Common Engineering Uni
CSEN2000 ENGR2000 CVEN2000 STEN2005	Civil Engineering Construction Materials Fluid Mechanics Civil Engineering Drawing and Surveying Structural Analysis of Determinate	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \		Common Engineering Uni
CSEN2000 ENGR2000 CVEN2000 STEN2005	Civil Engineering Construction Materials Fluid Mechanics Civil Engineering Drawing and Surveying Structural Analysis of Determinate Structures Transportation Engineering and Earthworks	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \		Common Engineering Uni
CSEN2000 ENGR2000 CVEN2000 STEN2005 TREN3001	Civil Engineering Construction Materials Fluid Mechanics Civil Engineering Drawing and Surveying Structural Analysis of Determinate Structures Transportation Engineering and Earthworks Geotechnical Engineering Analysis		√	Common Engineering Uni
CSEN2000 ENGR2000 CVEN2000 STEN2005 TREN3001 GEOT3002	Civil Engineering Construction Materials Fluid Mechanics Civil Engineering Drawing and Surveying Structural Analysis of Determinate Structures Transportation Engineering and Earthworks Geotechnical Engineering Analysis Civil and Construction Engineering	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	√	Common Engineering Uni
CSEN2000 ENGR2000 CVEN2000 STEN2005 TREN3001 GEOT3002	Civil Engineering Construction Materials Fluid Mechanics Civil Engineering Drawing and Surveying Structural Analysis of Determinate Structures Transportation Engineering and Earthworks Geotechnical Engineering Analysis		√ √	Common Engineering Uni
CSEN2000 ENGR2000 CVEN2000 STEN2005 TREN3001 GEOT3002 CVEN4003	Civil Engineering Construction Materials Fluid Mechanics Civil Engineering Drawing and Surveying Structural Analysis of Determinate Structures Transportation Engineering and Earthworks Geotechnical Engineering Analysis Civil and Construction Engineering Research Project 1		√ √	Common Engineering Uni
CSEN2000 ENGR2000 CVEN2000 STEN2005 TREN3001 GEOT3002 CVEN4003	Civil Engineering Construction Materials Fluid Mechanics Civil Engineering Drawing and Surveying Structural Analysis of Determinate Structures Transportation Engineering and Earthworks Geotechnical Engineering Analysis Civil and Construction Engineering Research Project 1 Civil and Construction Engineering		√ √	Common Engineering Uni
CSEN2000 ENGR2000 CVEN2000 STEN2005 TREN3001 GEOT3002 CVEN4003 CVEN4004	Civil Engineering Construction Materials Fluid Mechanics Civil Engineering Drawing and Surveying Structural Analysis of Determinate Structures Transportation Engineering and Earthworks Geotechnical Engineering Analysis Civil and Construction Engineering Research Project 1 Civil and Construction Engineering Research Project 2		√ √	Common Engineering Uni
CSEN2000 ENGR2000 CVEN2000 STEN2005 TREN3001 GEOT3002 CVEN4003 CVEN4004 CSEN3002	Civil Engineering Construction Materials Fluid Mechanics Civil Engineering Drawing and Surveying Structural Analysis of Determinate Structures Transportation Engineering and Earthworks Geotechnical Engineering Analysis Civil and Construction Engineering Research Project 1 Civil and Construction Engineering Research Project 2 Structural Actions and Steel Design		√ √	Common Engineering Uni
CSEN2000 ENGR2000 CVEN2000 STEN2005 TREN3001 GEOT3002 CVEN4003 CVEN4004 CSEN3002	Civil Engineering Construction Materials Fluid Mechanics Civil Engineering Drawing and Surveying Structural Analysis of Determinate Structures Transportation Engineering and Earthworks Geotechnical Engineering Analysis Civil and Construction Engineering Research Project 1 Civil and Construction Engineering Research Project 2 Structural Actions and Steel Design Civil Engineering Practices, Quality and		√ √	Common Engineering Un
CSEN2000 ENGR2000 CVEN2000 STEN2005 TREN3001 GEOT3002 CVEN4003 CVEN4004 CSEN3002 CSEN4003	Civil Engineering Construction Materials Fluid Mechanics Civil Engineering Drawing and Surveying Structural Analysis of Determinate Structures Transportation Engineering and Earthworks Geotechnical Engineering Analysis Civil and Construction Engineering Research Project 1 Civil and Construction Engineering Research Project 2 Structural Actions and Steel Design Civil Engineering Practices, Quality and Legislation		√ √	Common Engineering Uni
CSEN2000 ENGR2000 CVEN2000 STEN2005 TREN3001 GEOT3002 CVEN4003 CVEN4004 CSEN3002 CSEN4003 STEN4003	Civil Engineering Construction Materials Fluid Mechanics Civil Engineering Drawing and Surveying Structural Analysis of Determinate Structures Transportation Engineering and Earthworks Geotechnical Engineering Analysis Civil and Construction Engineering Research Project 1 Civil and Construction Engineering Research Project 2 Structural Actions and Steel Design Civil Engineering Practices, Quality and Legislation Integrated Structural Design		\ \ \	Common Engineering Uni
CSEN2000 ENGR2000 CVEN2000 STEN2005 TREN3001 GEOT3002 CVEN4003 CVEN4004 CSEN3002 CSEN4003 STEN4003 GEOT4002	Civil Engineering Construction Materials Fluid Mechanics Civil Engineering Drawing and Surveying Structural Analysis of Determinate Structures Transportation Engineering and Earthworks Geotechnical Engineering Analysis Civil and Construction Engineering Research Project 1 Civil and Construction Engineering Research Project 2 Structural Actions and Steel Design Civil Engineering Practices, Quality and Legislation Integrated Structural Design Geotechnical Design and Modelling		\ \ \	Common Engineering Uni
CSEN2000 ENGR2000 CVEN2000 STEN2005 TREN3001 GEOT3002 CVEN4003 CVEN4004 CSEN3002 CSEN4003 STEN4003 GEOT4002 STEN4004	Civil Engineering Construction Materials Fluid Mechanics Civil Engineering Drawing and Surveying Structural Analysis of Determinate Structures Transportation Engineering and Earthworks Geotechnical Engineering Analysis Civil and Construction Engineering Research Project 1 Civil and Construction Engineering Research Project 2 Structural Actions and Steel Design Civil Engineering Practices, Quality and Legislation Integrated Structural Design Geotechnical Design and Modelling Advanced Structural Modelling		\ \ \	Common Engineering Uni
CSEN2000 ENGR2000 CVEN2000 STEN2005 TREN3001 GEOT3002 CVEN4003 CVEN4004 CSEN3002 CSEN4003 STEN4003 GEOT4002 STEN4004	Civil Engineering Construction Materials Fluid Mechanics Civil Engineering Drawing and Surveying Structural Analysis of Determinate Structures Transportation Engineering and Earthworks Geotechnical Engineering Analysis Civil and Construction Engineering Research Project 1 Civil and Construction Engineering Research Project 2 Structural Actions and Steel Design Civil Engineering Practices, Quality and Legislation Integrated Structural Design Geotechnical Design and Modelling Advanced Structural Modelling Structural Analysis of Indeterminate		\ \ \ \ \	Common Engineering Uni
CSEN2000 ENGR2000 CVEN2000 STEN2005 TREN3001 GEOT3002 CVEN4003 CVEN4004 CSEN3002 CSEN4003 STEN4003 GEOT4002 STEN4004 STEN2006	Civil Engineering Construction Materials Fluid Mechanics Civil Engineering Drawing and Surveying Structural Analysis of Determinate Structures Transportation Engineering and Earthworks Geotechnical Engineering Analysis Civil and Construction Engineering Research Project 1 Civil and Construction Engineering Research Project 2 Structural Actions and Steel Design Civil Engineering Practices, Quality and Legislation Integrated Structural Design Geotechnical Design and Modelling Advanced Structural Modelling Structural Analysis of Indeterminate Structures		\ \ \ \ \ \	Common Engineering Un
CSEN2000 ENGR2000 CVEN2000 STEN2005 TREN3001 GEOT3002 CVEN4003 CVEN4004 CSEN3002 CSEN4003 STEN4003 GEOT4002 STEN4004 STEN2006 CVEN2001	Civil Engineering Construction Materials Fluid Mechanics Civil Engineering Drawing and Surveying Structural Analysis of Determinate Structures Transportation Engineering and Earthworks Geotechnical Engineering Analysis Civil and Construction Engineering Research Project 1 Civil and Construction Engineering Research Project 2 Structural Actions and Steel Design Civil Engineering Practices, Quality and Legislation Integrated Structural Design Geotechnical Design and Modelling Advanced Structural Modelling Structural Analysis of Indeterminate Structures Water and Environmental Resources			Common Engineering Un
CSEN2000 ENGR2000 CVEN2000 STEN2005 TREN3001 GEOT3002 CVEN4003 CVEN4004 CSEN3002 CSEN4003 STEN4003 GEOT4002 STEN4004 STEN2006 CVEN2001 STEN2004	Civil Engineering Construction Materials Fluid Mechanics Civil Engineering Drawing and Surveying Structural Analysis of Determinate Structures Transportation Engineering and Earthworks Geotechnical Engineering Analysis Civil and Construction Engineering Research Project 1 Civil and Construction Engineering Research Project 2 Structural Actions and Steel Design Civil Engineering Practices, Quality and Legislation Integrated Structural Design Geotechnical Design and Modelling Advanced Structural Modelling Structural Analysis of Indeterminate Structures Water and Environmental Resources Structural Mechanics			Common Engineering Un
CSEN2000 ENGR2000 CVEN2000 STEN2005 TREN3001 GEOT3002 CVEN4003 CVEN4004 CSEN3002 CSEN4003 STEN4003 GEOT4002 STEN4004 STEN2006 CVEN2001 STEN2004 GEOT2000	Civil Engineering Construction Materials Fluid Mechanics Civil Engineering Drawing and Surveying Structural Analysis of Determinate Structures Transportation Engineering and Earthworks Geotechnical Engineering Analysis Civil and Construction Engineering Research Project 1 Civil and Construction Engineering Research Project 2 Structural Actions and Steel Design Civil Engineering Practices, Quality and Legislation Integrated Structural Design Geotechnical Design and Modelling Advanced Structural Modelling Structural Analysis of Indeterminate Structures Water and Environmental Resources Structural Mechanics Principles of Geomechanics Civil Engineering Project and Cost		\ \[\lambda \] \[\lambda \] \[\lambda \] \[\lambda \lambda \lambda \lambda \lambda \lambda \lambda \lambda	Common Engineering Un
CSEN2000 ENGR2000 CVEN2000 STEN2005 TREN3001 GEOT3002 CVEN4003 CVEN4004 CSEN3002 CSEN4003 STEN4003 GEOT4002 STEN4004 STEN2006 CVEN2001 STEN2004 GEOT2000 CSEN3000	Civil Engineering Construction Materials Fluid Mechanics Civil Engineering Drawing and Surveying Structural Analysis of Determinate Structures Transportation Engineering and Earthworks Geotechnical Engineering Analysis Civil and Construction Engineering Research Project 1 Civil and Construction Engineering Research Project 2 Structural Actions and Steel Design Civil Engineering Practices, Quality and Legislation Integrated Structural Design Geotechnical Design and Modelling Advanced Structural Modelling Structural Analysis of Indeterminate Structures Water and Environmental Resources Structural Mechanics Principles of Geomechanics Civil Engineering Project and Cost Management			Common Engineering Un
CSEN2000 ENGR2000 CVEN2000 STEN2005 TREN3001 GEOT3002 CVEN4003 CVEN4004 CSEN3002 CSEN4003 STEN4003 GEOT4002 STEN4004 STEN2006 CVEN2001 STEN2004 GEOT2000 CSEN3000 CVEN3002	Civil Engineering Construction Materials Fluid Mechanics Civil Engineering Drawing and Surveying Structural Analysis of Determinate Structures Transportation Engineering and Earthworks Geotechnical Engineering Analysis Civil and Construction Engineering Research Project 1 Civil and Construction Engineering Research Project 2 Structural Actions and Steel Design Civil Engineering Practices, Quality and Legislation Integrated Structural Design Geotechnical Design and Modelling Advanced Structural Modelling Structural Analysis of Indeterminate Structures Water and Environmental Resources Structural Mechanics Principles of Geomechanics Civil Engineering Project and Cost Management Hydraulics and Hydrology			Common Engineering Un
CSEN2000 ENGR2000 CVEN2000 STEN2005 TREN3001 GEOT3002 CVEN4003 CVEN4004 CSEN3002 CSEN4003 STEN4003 GEOT4002 STEN4004 STEN2006 CVEN2001 STEN2004 GEOT2000 CSEN3000	Civil Engineering Construction Materials Fluid Mechanics Civil Engineering Drawing and Surveying Structural Analysis of Determinate Structures Transportation Engineering and Earthworks Geotechnical Engineering Analysis Civil and Construction Engineering Research Project 1 Civil and Construction Engineering Research Project 2 Structural Actions and Steel Design Civil Engineering Practices, Quality and Legislation Integrated Structural Design Geotechnical Design and Modelling Advanced Structural Modelling Structural Analysis of Indeterminate Structures Water and Environmental Resources Structural Mechanics Principles of Geomechanics Civil Engineering Project and Cost Management			Common Engineering Un

UNIT CODE	UNIT TITLE	SEM 1, 2025	SEM 2, 2025	REMARKS
STEN4005 GEOT4003	Advanced Concrete Design and Construction Design of Foundations		√ √	
		list of specialisations	offered).	
BLDG2013	cs Year 3 (please refer to Course Structure for Construction Plant and Equipment	iist of specialisations (ojjereaj:	SPUE-CONEN Construction
				Engineering Specialisation; SPUE-INFST Infrastructure
TDEN 4002	Traffic and David David David Statistics		-1	Specialisation
TREN4002	Traffic and Road Pavement Engineering	,	V	SPUE-CONEN Construction Engineering Specialisation
STEN3003	Advanced Structural Analysis	V		SPUE-STENG Structural Engineering Specialisation; SPUE-INFST Infrastructure
ENEN3009	Water and Environmental Engineering		V	Specialisation SPUE-INFST Infrastructure
STEN4005	Advanced Concrete Design and		$\sqrt{}$	Specialisation SPUE-INFST Infrastructure
ENEN4014	Construction Sustainable Urban Management and		2	Specialisation SPUC-SUENV Sustainable
ENEN4014	Sustainable Urban Management and Planning		V	Environment Specialisation
CHEN2000	Mass and Energy Balances	$\sqrt{}$		SPUC-PROEN Process Engineering Specialisation (Specialisation offered by Department Chemical and Energy Engineering)
CHEN2004	Process Simulation and Data Analytics		V	SPUC-PROEN Process Engineering Specialisation (Specialisation offered by Department
MXEN2003	Microcontroller Project			Chemical and Energy Engineering) SPUC-ROBAU Robot
WWENESS	This seems one. Troject	, i		Automation Specialisation (Specialisation offered by Mechanical Engineering)
MXEN3000	Mechatronics Design Project		V	SPUC-ROBAU Robot Automation Specialisation (Specialisation offered by Mechanical Engineering)
MCEN2003	Machine Dynamics	~		SPUC-MEDVB Mechanical Dynamics and Vibration Specialisation (Specialisation offered by Department Mechanical and Mechatronic Engineering)
			V	SPUC-MEDVB Mechanical Dynamics and Vibration Specialisation (Specialisation offered by Department Mechanical and Mechatronic
MCEN2002	Fundamentals of Mechanical Design			Engineering)
	VIRONMENTAL ENGINEERING			
ENGR2000 ENEN2004	Fluid Mechanics Water Resource Management and	N V		Common Engineering Unit
ENEN2002	Treatment Principles Energy Management and Climate Change			
ENST2005	Environmental Chemistry and Microbiology	V		
ENEN2003	Wastewater Treatment Principles and Design		V	
ENST2006	Environmental Monitoring and Analysis		V	
ENEN2001	Solid and Hazardous Waste Management		V	
GEOT2000	Principles of Geomechanics		, √	Shared unit with Civil and Construction Engineering
ENST3000 MGMT3000	Environmental Impact Assessment Engineering Management and Professional Practice	√ 	V	Shared unit with Electrical and Computer Engineering
ENEN3000	Aerial Emissions and Abatement		V	
CVEN3002	Hydraulics and Hydrology		V	Shared unit with Civil and Construction Engineering
ENEN4009 ENEN4006	Environmental Engineering Design Environmental Engineering Research Project 1	√ √	V	
ENEN4007	Environmental Engineering Research		$\sqrt{}$	

UNIT CODE	UNIT TITLE	SEM 1, 2025	SEM 2, 2025	REMARKS
ENEN4003	Environmental Integrated Design Project		V	
ENEN4008	Environmental Considerations in Construction	V		
Specialisation Uni	ts Year 3 (please refer to Course Structure for	list of specialisations of	offered):	
ENEN4014	Sustainable Urban Management and		√ V	SPUC-SUENV Sustainable
	Planning			Environment Specialisation
CHEN2000	Mass and Energy Balances	V		SPUC-PROEN Process
				Engineering Specialisation (Specialisation offered by Department Chemical and Energy Engineering)
CHEN2004	Process Simulation and Data Analytics		V	SPUC-PROEN Process
				Engineering Specialisation (Specialisation offered by Department
MXEN2003	Microcontroller Project	V		Chemical and Energy Engineering) SPUC-ROBAU Robot
WINLINZOOS	iviici deditti dilei i i idject	V		Automation Specialisation (Specialisation offered by Mechanical Engineering)
MXEN3000	Mechatronics Design Project			SPUC-ROBAU Robot
				Automation Specialisation (Specialisation offered by Mechanical Engineering)
CSEN2000	Civil Engineering Construction Materials	$\sqrt{}$		SPUC-CIVEN Civil
				Engineering Specialisation
STEN2005	Structural Analysis of Determinate			SPUC-CIVEN Civil
	Structures			Engineering Specialisation
STEN2004	Structural Mechanics		$\sqrt{}$	SPUC-CIVEN Civil
				Engineering Specialisation
COMP1002	Data Structures and Algorithms	$\sqrt{}$		SPUC-AIMLN Artificial
				Intelligence and Machine
				Learning Specialisation (Specialisation offered by Electrical
				and Computer Engineering)
ISYS2014	Database Systems		V	SPUC-AIMLN Artificial
	·			Intelligence and Machine
				Learning Specialisation
				(Specialisation offered by Electrical
Specialisation Uni	ts Year 4 (please refer to Course Structure for	list of specialisations o	offered):	
•	ts Year 4 (please refer to Course Structure for Carbon Management	list of specialisations o	offered):	(Specialisation offered by Electrical and Computer Engineering)
Specialisation Uni CHEN4020	ts Year 4 (please refer to Course Structure for Carbon Management	list of specialisations o	offered):	(Specialisation offered by Electrical and Computer Engineering) SPUC-SUENV Sustainable
•		list of specialisations σ	offered):	(Specialisation offered by Electrical and Computer Engineering)
CHEN4020	Carbon Management	list of specialisations o	offered):	(Specialisation offered by Electrical and Computer Engineering) SPUC-SUENV Sustainable Environment Specialisation
CHEN4020	Carbon Management	list of specialisations o	offered):	(Specialisation offered by Electrical and Computer Engineering) SPUC-SUENV Sustainable Environment Specialisation SPUC-PROEN Process Engineering Specialisation (Specialisation offered by Department)
CHEN4020 CHEN3009	Carbon Management Fluid and Particle Processes	list of specialisations o	offered):	(Specialisation offered by Electrical and Computer Engineering) SPUC-SUENV Sustainable Environment Specialisation SPUC-PROEN Process Engineering Specialisation (Specialisation offered by Department Chemical and Energy Engineering)
CHEN4020	Carbon Management Fluid and Particle Processes Transportation Engineering and	list of specialisations o	offered):	(Specialisation offered by Electrical and Computer Engineering) SPUC-SUENV Sustainable Environment Specialisation SPUC-PROEN Process Engineering Specialisation (Specialisation offered by Department Chemical and Energy Engineering) SPUC-CIVEN Civil
CHEN4020 CHEN3009 TREN3001	Carbon Management Fluid and Particle Processes Transportation Engineering and Earthworks	list of specialisations o	offered):	(Specialisation offered by Electrical and Computer Engineering) SPUC-SUENV Sustainable Environment Specialisation SPUC-PROEN Process Engineering Specialisation (Specialisation offered by Department Chemical and Energy Engineering) SPUC-CIVEN Civil Engineering Specialisation
CHEN4020 CHEN3009	Carbon Management Fluid and Particle Processes Transportation Engineering and Earthworks Civil Engineering Project and Cost	list of specialisations o	offered):	SPUC-SUENV Sustainable Environment Specialisation SPUC-PROEN Process Engineering Specialisation (Specialisation offered by Department Chemical and Energy Engineering) SPUC-CIVEN Civil Engineering Specialisation SPUC-CIVEN Civil
CHEN4020 CHEN3009 TREN3001 CSEN3000	Carbon Management Fluid and Particle Processes Transportation Engineering and Earthworks Civil Engineering Project and Cost Management	list of specialisations of	offered):	SPUC-SUENV Sustainable Environment Specialisation SPUC-PROEN Process Engineering Specialisation (Specialisation offered by Department Chemical and Energy Engineering) SPUC-CIVEN Civil Engineering Specialisation SPUC-CIVEN Civil Engineering Specialisation
CHEN4020 CHEN3009 TREN3001	Carbon Management Fluid and Particle Processes Transportation Engineering and Earthworks Civil Engineering Project and Cost	list of specialisations o	offered):	SPUC-SUENV Sustainable Environment Specialisation SPUC-PROEN Process Engineering Specialisation (Specialisation offered by Department Chemical and Energy Engineering) SPUC-CIVEN Civil Engineering Specialisation SPUC-CIVEN Civil Engineering Specialisation SPUC-CIVEN Civil Engineering Specialisation SPUC-AIMLN Artificial
CHEN4020 CHEN3009 TREN3001 CSEN3000	Carbon Management Fluid and Particle Processes Transportation Engineering and Earthworks Civil Engineering Project and Cost Management	list of specialisations of the special	offered):	SPUC-SUENV Sustainable Environment Specialisation SPUC-PROEN Process Engineering Specialisation (Specialisation offered by Department Chemical and Energy Engineering) SPUC-CIVEN Civil Engineering Specialisation SPUC-CIVEN Civil Engineering Specialisation
CHEN4020 CHEN3009 TREN3001 CSEN3000	Carbon Management Fluid and Particle Processes Transportation Engineering and Earthworks Civil Engineering Project and Cost Management	list of specialisations o	offered):	SPUC-SUENV Sustainable Environment Specialisation SPUC-PROEN Process Engineering Specialisation (Specialisation offered by Department Chemical and Energy Engineering) SPUC-CIVEN Civil Engineering Specialisation SPUC-CIVEN Civil Engineering Specialisation SPUC-AIMLN Artificial Intelligence and Machine Learning Specialisation (Specialisation offered by Electrical
CHEN4020 CHEN3009 TREN3001 CSEN3000	Carbon Management Fluid and Particle Processes Transportation Engineering and Earthworks Civil Engineering Project and Cost Management Machine Learning	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	√	SPUC-SUENV Sustainable Environment Specialisation SPUC-PROEN Process Engineering Specialisation (Specialisation offered by Department Chemical and Energy Engineering) SPUC-CIVEN Civil Engineering Specialisation SPUC-CIVEN Civil Engineering Specialisation SPUC-AIMLN Artificial Intelligence and Machine Learning Specialisation
CHEN4020 CHEN3009 TREN3001 CSEN3000	Carbon Management Fluid and Particle Processes Transportation Engineering and Earthworks Civil Engineering Project and Cost Management Machine Learning DEPARTMENT: ELECTRIC	AL AND COMPUTER	√ R ENGINEERING	SPUC-SUENV Sustainable Environment Specialisation SPUC-PROEN Process Engineering Specialisation (Specialisation offered by Department Chemical and Energy Engineering) SPUC-CIVEN Civil Engineering Specialisation SPUC-CIVEN Civil Engineering Specialisation SPUC-AIMLN Artificial Intelligence and Machine Learning Specialisation (Specialisation offered by Electrical
CHEN4020 CHEN3009 TREN3001 CSEN3000 COMP3010	Carbon Management Fluid and Particle Processes Transportation Engineering and Earthworks Civil Engineering Project and Cost Management Machine Learning DEPARTMENT: ELECTRIC HEAD OF DEPARTI	AL AND COMPUTER	√ R ENGINEERING NG MING	SPUC-SUENV Sustainable Environment Specialisation SPUC-PROEN Process Engineering Specialisation (Specialisation offered by Department Chemical and Energy Engineering) SPUC-CIVEN Civil Engineering Specialisation SPUC-CIVEN Civil Engineering Specialisation SPUC-AIMLN Artificial Intelligence and Machine Learning Specialisation (Specialisation offered by Electrical
CHEN4020 CHEN3009 TREN3001 CSEN3000 COMP3010	Carbon Management Fluid and Particle Processes Transportation Engineering and Earthworks Civil Engineering Project and Cost Management Machine Learning DEPARTMENT: ELECTRIC HEAD OF DEPARTICATION OF TECHNOLOGY (COMPUTER SYSTERM)	AL AND COMPUTER	√ R ENGINEERING NG MING	SPUC-SUENV Sustainable Environment Specialisation SPUC-PROEN Process Engineering Specialisation (Specialisation offered by Department Chemical and Energy Engineering) SPUC-CIVEN Civil Engineering Specialisation SPUC-CIVEN Civil Engineering Specialisation SPUC-AIMLN Artificial Intelligence and Machine Learning Specialisation (Specialisation offered by Electrical
CHEN4020 CHEN3009 TREN3001 CSEN3000 COMP3010 PROGRAMME: BACCMPE1000	Carbon Management Fluid and Particle Processes Transportation Engineering and Earthworks Civil Engineering Project and Cost Management Machine Learning DEPARTMENT: ELECTRIC HEAD OF DEPARTICE HEAD OF TECHNOLOGY (COMPUTER SYSTEM Hardware Fundamentals)	AL AND COMPUTER	√ R ENGINEERING NG MING	SPUC-SUENV Sustainable Environment Specialisation SPUC-PROEN Process Engineering Specialisation (Specialisation offered by Department Chemical and Energy Engineering) SPUC-CIVEN Civil Engineering Specialisation SPUC-CIVEN Civil Engineering Specialisation SPUC-AIMLN Artificial Intelligence and Machine Learning Specialisation (Specialisation offered by Electrical
CHEN4020 CHEN3009 TREN3001 CSEN3000 COMP3010 PROGRAMME: BACMPE1000 COMP1007	Carbon Management Fluid and Particle Processes Transportation Engineering and Earthworks Civil Engineering Project and Cost Management Machine Learning DEPARTMENT: ELECTRIC HEAD OF DEPARTICE HEAD OF TECHNOLOGY (COMPUTER SYSTEM Hardware Fundamentals Programming Design and Implementation	AL AND COMPUTER	√ R ENGINEERING NG MING	(Specialisation offered by Electrical and Computer Engineering) SPUC-SUENV Sustainable Environment Specialisation SPUC-PROEN Process Engineering Specialisation (Specialisation offered by Department Chemical and Energy Engineering) SPUC-CIVEN Civil Engineering Specialisation SPUC-CIVEN Civil Engineering Specialisation SPUC-AIMLN Artificial Intelligence and Machine Learning Specialisation (Specialisation offered by Electrical and Computer Engineering)
CHEN4020 CHEN3009 TREN3001 CSEN3000 COMP3010 PROGRAMME: BA CMPE1000 COMP1007 MATH1019	Carbon Management Fluid and Particle Processes Transportation Engineering and Earthworks Civil Engineering Project and Cost Management Machine Learning DEPARTMENT: ELECTRIC HEAD OF DEPARTICE HEAD OF TECHNOLOGY (COMPUTER SYSTEM Hardware Fundamentals Programming Design and Implementation Linear Algebra and Statistics for Engineers	AL AND COMPUTER	√ R ENGINEERING NG MING	(Specialisation offered by Electrical and Computer Engineering) SPUC-SUENV Sustainable Environment Specialisation SPUC-PROEN Process Engineering Specialisation (Specialisation offered by Department Chemical and Energy Engineering) SPUC-CIVEN Civil Engineering Specialisation SPUC-CIVEN Civil Engineering Specialisation SPUC-AIMLN Artificial Intelligence and Machine Learning Specialisation (Specialisation offered by Electrical and Computer Engineering) Shared Unit with Engineering First Year
CHEN4020 CHEN3009 TREN3001 CSEN3000 COMP3010 PROGRAMME: BACMPE1000 COMP1007	Carbon Management Fluid and Particle Processes Transportation Engineering and Earthworks Civil Engineering Project and Cost Management Machine Learning DEPARTMENT: ELECTRICA HEAD OF DEPARTICA HEAD OF TECHNOLOGY (COMPUTER SYSTEM Hardware Fundamentals Programming Design and Implementation Linear Algebra and Statistics for Engineers Engineering Foundations: Principles,	AL AND COMPUTER	√ R ENGINEERING NG MING	SPUC-SUENV Sustainable Environment Specialisation SPUC-PROEN Process Engineering Specialisation (Specialisation offered by Department Chemical and Energy Engineering) SPUC-CIVEN Civil Engineering Specialisation SPUC-CIVEN Civil Engineering Specialisation SPUC-AIMLN Artificial Intelligence and Machine Learning Specialisation (Specialisation offered by Electrical and Computer Engineering) Shared Unit with Engineering First Year Shared Unit with
CHEN4020 CHEN3009 TREN3001 CSEN3000 COMP3010 PROGRAMME: BA CMPE1000 COMP1007 MATH1019	Carbon Management Fluid and Particle Processes Transportation Engineering and Earthworks Civil Engineering Project and Cost Management Machine Learning DEPARTMENT: ELECTRIC HEAD OF DEPARTICE HEAD OF TECHNOLOGY (COMPUTER SYSTEM Hardware Fundamentals Programming Design and Implementation Linear Algebra and Statistics for Engineers Engineering Foundations: Principles, Design and Communication Data Communications and Network	AL AND COMPUTER	√ R ENGINEERING NG MING	(Specialisation offered by Electrical and Computer Engineering) SPUC-SUENV Sustainable Environment Specialisation SPUC-PROEN Process Engineering Specialisation (Specialisation offered by Department Chemical and Energy Engineering) SPUC-CIVEN Civil Engineering Specialisation SPUC-CIVEN Civil Engineering Specialisation SPUC-AIMLN Artificial Intelligence and Machine Learning Specialisation (Specialisation offered by Electrical and Computer Engineering) Shared Unit with Engineering First Year
CHEN4020 CHEN3009 TREN3001 CSEN3000 COMP3010 PROGRAMME: BA CMPE1000 COMP1007 MATH1019 INDE1001 CMPE2000	Carbon Management Fluid and Particle Processes Transportation Engineering and Earthworks Civil Engineering Project and Cost Management Machine Learning DEPARTMENT: ELECTRIC HEAD OF DEPARTICE HEAD OF DEPARTICE HEAD OF TECHNOLOGY (COMPUTER SYSTEM Hardware Fundamentals Programming Design and Implementation Linear Algebra and Statistics for Engineers Engineering Foundations: Principles, Design and Communication Data Communications and Network Management	AL AND COMPUTER MENT: DR. CHEW IN MS AND NETWORKING	√ R ENGINEERING NG MING	SPUC-SUENV Sustainable Environment Specialisation SPUC-PROEN Process Engineering Specialisation (Specialisation offered by Department Chemical and Energy Engineering) SPUC-CIVEN Civil Engineering Specialisation SPUC-CIVEN Civil Engineering Specialisation SPUC-AIMLN Artificial Intelligence and Machine Learning Specialisation (Specialisation offered by Electrical and Computer Engineering) Shared Unit with Engineering First Year Shared Unit with
CHEN4020 CHEN3009 TREN3001 CSEN3000 COMP3010 PROGRAMME: BACMPE1000 COMP1007 MATH1019 INDE1001 CMPE2000 ELEN2002	Carbon Management Fluid and Particle Processes Transportation Engineering and Earthworks Civil Engineering Project and Cost Management Machine Learning DEPARTMENT: ELECTRIC HEAD OF DEPARTICE HEAD OF DEPARTICE HEAD OF TECHNOLOGY (COMPUTER SYSTEM Hardware Fundamentals Programming Design and Implementation Linear Algebra and Statistics for Engineers Engineering Foundations: Principles, Design and Communication Data Communications and Network Management Transmission and Interface Design	AL AND COMPUTER MENT: DR. CHEW IN MS AND NETWORKING	√ R ENGINEERING NG MING	SPUC-SUENV Sustainable Environment Specialisation SPUC-PROEN Process Engineering Specialisation (Specialisation offered by Department Chemical and Energy Engineering) SPUC-CIVEN Civil Engineering Specialisation SPUC-CIVEN Civil Engineering Specialisation SPUC-AIMLN Artificial Intelligence and Machine Learning Specialisation (Specialisation offered by Electrical and Computer Engineering) Shared Unit with Engineering First Year Shared Unit with Engineering First Year
CHEN4020 CHEN3009 TREN3001 CSEN3000 COMP3010 PROGRAMME: BACOMPE1000 COMP1007 MATH1019 INDE1001 CMPE2000 ELEN2002 ISEC2000	Carbon Management Fluid and Particle Processes Transportation Engineering and Earthworks Civil Engineering Project and Cost Management Machine Learning DEPARTMENT: ELECTRIC HEAD OF DEPARTICE HEAD OF DEPARTICE HEAD OF TECHNOLOGY (COMPUTER SYSTEM HARD HEAD HEAD OF TECHNOLOGY (COMPUTER SYSTEM HARD HEAD OF TECHNOLOGY (COMP	AL AND COMPUTER MENT: DR. CHEW IN MS AND NETWORKING	√ R ENGINEERING NG MING	SPUC-SUENV Sustainable Environment Specialisation SPUC-PROEN Process Engineering Specialisation (Specialisation offered by Department Chemical and Energy Engineering) SPUC-CIVEN Civil Engineering Specialisation SPUC-CIVEN Civil Engineering Specialisation SPUC-AIMLN Artificial Intelligence and Machine Learning Specialisation (Specialisation offered by Electrical and Computer Engineering) Shared Unit with Engineering First Year Shared Unit with Engineering First Year
CHEN4020 CHEN3009 TREN3001 CSEN3000 COMP3010 COMP3010 PROGRAMME: BACMPE1000 COMP1007 MATH1019 INDE1001 CMPE2000 ELEN2002 ISEC2000 ISEC2001	Carbon Management Fluid and Particle Processes Transportation Engineering and Earthworks Civil Engineering Project and Cost Management Machine Learning DEPARTMENT: ELECTRIC HEAD OF DEPARTICE HEAD OF DEPARTICE HEAD OF DEPARTICE Hardware Fundamentals Programming Design and Implementation Linear Algebra and Statistics for Engineers Engineering Foundations: Principles, Design and Communication Data Communications and Network Management Transmission and Interface Design Fundamental Concepts of Cryptography Fundamental Concepts of Data Security	AL AND COMPUTER MENT: DR. CHEW IN MS AND NETWORKING	√ R ENGINEERING NG MING	SPUC-SUENV Sustainable Environment Specialisation SPUC-PROEN Process Engineering Specialisation (Specialisation offered by Department Chemical and Energy Engineering) SPUC-CIVEN Civil Engineering Specialisation SPUC-CIVEN Civil Engineering Specialisation SPUC-AIMLN Artificial Intelligence and Machine Learning Specialisation (Specialisation offered by Electrical and Computer Engineering) Shared Unit with Engineering First Year Shared Unit with Engineering First Year Optional Unit Optional Unit / Elective Unit
CHEN4020 CHEN3009 TREN3001 CSEN3000 COMP3010 PROGRAMME: BACOMPE1000 COMP1007 MATH1019 INDE1001 CMPE2000 ELEN2002 ISEC2000	Carbon Management Fluid and Particle Processes Transportation Engineering and Earthworks Civil Engineering Project and Cost Management Machine Learning DEPARTMENT: ELECTRIC HEAD OF DEPARTICE HEAD OF DEPARTICE HEAD OF TECHNOLOGY (COMPUTER SYSTEM HARD HEAD HEAD OF TECHNOLOGY (COMPUTER SYSTEM HARD HEAD OF TECHNOLOGY (COMP	AL AND COMPUTER MENT: DR. CHEW IN MS AND NETWORKING	√ R ENGINEERING NG MING	SPUC-SUENV Sustainable Environment Specialisation SPUC-PROEN Process Engineering Specialisation (Specialisation offered by Departmen Chemical and Energy Engineering) SPUC-CIVEN Civil Engineering Specialisation SPUC-CIVEN Civil Engineering Specialisation SPUC-AIMLN Artificial Intelligence and Machine Learning Specialisation (Specialisation offered by Electrical and Computer Engineering) Shared Unit with Engineering First Year Shared Unit with Engineering First Year

UNIT CODE	UNIT TITLE	SEM 1, 2025	SEM 2, 2025	REMARKS
COMP2003	Object Oriented Software Engineering			Elective Unit
CMPE3002	Computer Technology Project 1	$\sqrt{}$	V	
CMPE3003	Computer Technology Project 2	$\sqrt{}$	V	
COMP2006	Operating Systems	$\sqrt{}$,	
CNCO3000	Distributed Networks			
COMT3002	Internet of Things Design and			
CONTISUE	Communications	V		
COMP1002		2	2	
	Data Structures and Algorithms	V	N A	
COMP2000	Computer Systems		N . I	
ETEN1000	Electronics		V	
ISYS2014	Database Systems		V	
COMP1000	Unix and C Programming		V	
CMPE2003	Microcomputers		V	
MGMT3000	Engineering Management and Professional Practice		V	
CMPE3001	Embedded Systems Engineering		$\sqrt{}$	
CMPE3004	Network Engineering		V	
ISEC3004	Cyber Crime and Security Enhanced			Optional Unit
	Programming			
ISEC3005	Cyber Security – Intrusion Detection		V	Optional Unit
13263003	System and Incident Handling		,	optional offic
COMP2008	Mobile Application Development		V	Optional Unit
CMPE2002			1	Elective Unit
	Requirements Engineering		N al	
ISEC1000	Cyber Security Concepts		V	Elective Unit
	CTRICAL AND ELECTRONIC ENGINEERING			
ELEN2000	Electrical Circuits	<u> </u>		
MATH2009	Calculus 2	√		
ETEN2001	Electronic Fundamentals	$\sqrt{}$		
CMPE2001	Foundations of Digital Design			
MXEN3004	Dynamic Modelling and Control			
ETEN3003	Power Electronics			
ELEN3002	Fundamentals of Engineering	•	V	
LLLINGOOZ	Electromagnetics		•	
EEET4000		2	2	
	Engineering Research Project 1		V	
EEET4002	Integrated Design Project			
ETEN4001	Industrial Automated Systems	<u> </u>	1	
EEET4001	Engineering Research Project 2	<u> </u>	V	
ELEN4006	Smart and Micro Grids	V		From the old course structure. Still offered in 2025 S1 (handbook)
ELEN4001	Electric Power Generation, Transmission		2	From the old course
ELEN4001	and Distribution		٧	structure. Still offered in 2025 S2 (handbook)
MGMT3000	Engineering Management and Professional Practice		V	2023 32 (Hallasook)
ETEN2000	Signals and Systems		V	
ELEN3004	Renewable Energy Principles		V	
CMPE2003	Microcomputers		1	
ELEN2005	Electrical Machines		2/	
			V	
COMT3000	Communications Engineering		V	
ELEN4007	Electrical Machines Drives and Control		N	
ELEN3001	Power System Analysis		V	
ETEN3004	Integrated Circuit Design		V	New Elective Unit. Under flexible minor specialisation for students who completed ETEN2001 Electronic Fundamentals. Note: This unit is not under the Electrical Engineering course structure.
-	s Year 3 (please refer to Course Structure for	list of specialisations	offered):	
ISEC2001	Fundamental Concepts of Data Security			SPUC-CYBSE Cybersecurity Specialisation
ISEC1000	Cyber Security Concepts		V	SPUC-CYBSE Cybersecurity Specialisation
ENEN4014	Sustainable Urban Management and		V	SPUC-SUENV Sustainable
	Planning		,	Environment Specialisation
	r willing			Environment specialisation

UNIT CODE	UNIT TITLE	SEM 1, 2025	SEM 2, 2025	REMARKS
				(Specialisation offered by Environmental Engineering)
ENGR2000	Fluid Mechanics	V		SPUC-MESYS Mechanical Systems Specialisation (Specialisation offered by Mechanical and Mechatronic Engineering)
MCEN2001	Fundamentals of Thermodynamics		V	SPUC-MESYS Mechanical Systems Specialisation (Specialisation offered by Mechanical and Mechatronic Engineering)
COMP1002	Data Structures and Algorithms	V		SPUC-AIMLN Artificial Intelligence and Machine Learning Specialisation
ISYS2014	Database Systems		V	SPUC-AIMLN Artificial Intelligence and Machine Learning Specialisation
•	ts Year 4 (please refer to Course Structure for	list of specialisations	offered):	
CHEN4020	Carbon Management	V		SPUC-SUENV Sustainable Environment Specialisation (Specialisation offered by Environmental Engineering)
CMPE2000	Data Communications and Network Management	V		SPUC-CYBSE Cybersecurity Specialisation
ISEC3005	Cyber Security- Intrusion Detection System and Incident Handling		V	SPUC-CYBSE Cybersecurity Specialisation
ISEC3002	Penetration Testing and Defence		√	SPUC-CYBSE Cybersecurity Specialisation
MCEN3002	Applied Fluid Mechanics		$\sqrt{}$	SPUC-MESYS Mechanical Systems Specialisation (Specialisation offered by Mechanical and Mechatronic Engineering)
COMP3010	Machine Learning	V		SPUC-AIMLN Artificial Intelligence and Machine Learning Specialisation
	CHELOR OF COMPUTING – SOFTWARE ENGIN	EERING MAJOR		
COMP1007	Programming Design and Implementation	V	V	
ISAD1000	Introduction to Software Engineering	N		
ISEC2001 NPSC1003	Fundamental Concepts of Data Security Integrating Indigenous Science and STEM	V		
CNCO2000	Computer Communications	V		
COMP2003	Object Oriented Software Engineering	V	V	
COMP2006	Operating Systems	V		
CMPE3008	Software Engineering Testing	V		
ISAD3000	Capstone Computing Project 1	V	V	
ICTE3002	Human Computer Interface	V		
COMP3001	Design and Analysis of Algorithms	V		
EIT301	Engineering Industrial Training	Year 2 Summer S	emester (December)	
ISEC2000	Fundamental Concepts of Cryptography	V		Elective Unit Y3 S1 (Normal Intake); Y3 S2 (Mid-Year)
COMP3010	Machine Learning	V		Elective Unit Y3 S1 (Normal Intake); Y3 S2 (Mid-Year)
CNCO3003	Mobile Cloud Computing	V		Elective Unit Y3 S1 (Normal Intake); Y3 S2 (Mid-Year)
COMP2002	Unix Systems Programming	٧		Elective Unit Y3 S1 (Normal Intake); Y3 S2 (Mid-Year)
COMP1000	Unix and C Programming	V	V	
COMP1002 ISYS2014	Data Structures and Algorithms	V	V	
MATH1019	Database Systems Linear Algebra and Statistics for Engineers		V	Shared Unit with Engineering First Year
CMPE2002	Requirements Engineering		V	
COMP3008	Distributed Computing		V	
COMP2008	Mobile Application Development		V	
ISEC3004	Cyber Crime and Security Enhanced Programming		$\sqrt{}$	
ISAD3001	Capstone Computing Project 2	V	V	
COMP3003	Software Architecture and Extensible Design		√ -	
COMP1006	Foundations of Computer Science		V	Compulsory Elective

COMP2000 Computer Systems Security Concepts Security Concepts	UNIT CODE	UNIT TITLE	SEM 1, 2025	SEM 2, 2025	REMARKS
Elective Unit y \$2 (Normal Intake); Y 13 (Composite Modern Part Section Value Section Va	COMP2005	Computing Topics		V	•
ISEC1000 Cyber Security Intrusion Detection System Security Security Intrusion Detection System Security Se	COMP2000	Computer Systems		V	Elective Unit Y3 S2 (Normal Intake); Y1 S1 (Compulsory
SEC0005 Cyber Security Intrusion Detection System V Elective Unit Y3 52 (Normal Indoes)	ISEC1000	Cyber Security Concepts		V	Elective Unit Y3 S2 (Normal
PROGRAMME: BACHELOR OF COMPUTING — CYBER SECURITY WAION COMPLION? Programming Design and Implementation V N ISAD1000 Introduction to Software Engineering V SISCADIO Integrating Indigenous Science and STEM V N NPSC1003 Integrating Indigenous Science and STEM V N COMPADO Computer Communications V N COMPADO Computer Communications V N COMPADO Computer Communications V N COMPADO Units Systems Programming V SISCADIO Integrating V SISCADIO COMPADO	ISEC3005			V	Elective Unit Y3 S2 (Normal
ISAD1000 Introduction to Software Engineering V	PROGRAMME: BA		//AJOR		
ISAD1000 Introduction to Software Engineering V	COMP1007	Programming Design and Implementation	√	√ √	
ISEC2001 Fundamental Concepts of Data Security V NPSC1003 Integrating indigenous Science and STEM V V COMP2002 Computer Communications V V V V COMP2002 Computer Communications V V V V V V V V V V V V V V V V V V V	ISAD1000		V		
NPSC1003 Integrating Indigenous Science and STEM V V V V V V V V V V V V V V V V V V V			V		
COMP2006 Operating Systems			V		
COMP2006			V	V	
COMP2002 Unix Systems Programming			\ \ \	*	
ISEC2000 Fundamental Concepts of Cryptography V			\ \ \		
COMP3001 Machine Learning ISAD3000 Capstone Computing Project 1 ISAD3001 Capstone Computing Project 2 ISAD3001 Capstone Computing Troject ISEC1000 Capstone Capstone Capstone IsSEC3002			2/		
COMP2010 Machine Learning			2/		
ISA03000 Capstone Computing Project 1 V V V V V V V V V			N A		
ISBA3001 Capstone Computing Project 2		-	V		
COMP1000 Unix and C Programming			V	V	
COMP2002 Data Structures and Algorithms			V	V	
Inear Algebra and Statistics for Engineers			V	V	
Engineering First Year			V	V	
COMP2005 Computing Topics	MATH1019	Linear Algebra and Statistics for Engineers	V	V	
ISSZ014 Database Systems	ISEC1000	Cyber Security Concepts		V	
ISEC3004 Cyber Crime and Security Enhanced Normal Programming	COMP2005	Computing Topics		$\sqrt{}$	
Programming	ISYS2014	Database Systems		V	
ISEC3002 Penetration Testing and Defence ISEC3005 Cyber Security: Intrusion Detection System and Incident Handling EIT301 Engineering Industrial Training EIT301 Engineering Industrial Training COMP2000 Computer Systems COMP2000 Computer Systems COMP3003 Software Architecture and Extensible Design ICTE3002 Human Computer Interface ICTE3002 Human Computer Interface COMP3001 Design and Analysis of Algorithms COMP3001 Design and Analysis of Algorithms CMPE2002 Requirements Engineering CMPE2002 Requirements Engineering CMPE3008 Software Engineering Testing CMPE3008 Software Engineering Testing CMPE3008 Mobile Application Development CMPE3008 Object Oriented Software Engineering CMPE3009 Object Oriented Softwar	ISEC3004			V	
ISEC3005 Cyber Security- Intrusion Detection System and Incident Handling Engineering Industrial Training Year 2 Summer Semester	ISEC3002	Penetration Testing and Defence		V	
COMP2000 Computer Systems	ISEC3005	Cyber Security- Intrusion Detection System		V	
COMP2000 Computer Systems	EIT301	Engineering Industrial Training	Year 2 Sum	nmer Semester	
COMP3003 Software Architecture and Extensible Design ICTE3002 Human Computer Interface	COMP2000			V	Elective Y3 S2, Y2 S2
ICTE3002 Human Computer Interface	COMP3003			V	Elective Y3 S2, Y2 S2
COMP3001 Design and Analysis of Algorithms CMPE2002 Requirements Engineering Requirements Engineering Requirements Engineering CMPE3008 Software Engineering Testing COMP2008 Mobile Application Development COMP2008 Object Oriented Software Engineering COMP2003 Object Oriented Software Engineering DEPARTMENT: MECHANICAL AND MECHATRONIC ENGINEERING HEAD OF DEPARTMENT: ASSOCIATE PROF. DR MOOLA MOHAN REDDY PROGRAMME: MECHANICAL ENGINEERING ENGR2000 Fluid Mechanics MCEN2000 Fundamentals of Strength of Materials MCEN2001 Machine Dynamics MCEN2000 Fundamentals of Mechanics √ MCEN2001 Ethics and Sustainability in Engineering MCEN2004 Manufacturing Processes MCEN2005 Fundamentals of Mechanical Design MCEN2006 Fundamentals of Thermodynamics MCEN2007 Fundamentals of Thermodynamics MCEN2008 Fundamentals of Thermodynamics MCEN2000 Fundamentals of Thermodynamics MCEN2001 Fundamentals of Thermodynamics MCEN2002 Fundamentals of Thermodynamics MCEN2004 Advanced Strength of Materials MCEN3008 Fundamentals of Heat Transfer	ICTE3002		V		Elective Y3 S1 (Normal
CMPE3002 Requirements Engineering CMPE3008 Software Engineering Testing COMP2008 Mobile Application Development COMP2008 Mobile Application Development COMP2003 Object Oriented Software Engineering COMP2003 Object Oriented Software Engineering COMP2004 Mobile Application Development DEPARTMENT: MECHANICAL AND MECHATRONIC ENGINEERING HEAD OF DEPARTMENT: ASSOCIATE PROF. DR MOOLA MOHAN REDDY PROGRAMME: MECHANICAL ENGINEERING ENGR2000 Fluid Mechanics MCEN2000 Fundamentals of Strength of Materials MCEN2000 Computer Aided Drawing and Engineering MOdelling ENGR2001 Ethics and Sustainability in Engineering MCEN2002 Fundamentals of Mechanical Design MCEN2003 Fundamentals of Mechanical Design MCEN2004 Manufacturing Processes MCEN2005 Fundamentals of Thermodynamics MCEN2000 Fundamentals of Thermodynamics MCEN2001 Fundamentals of Thermodynamics MCEN3004 Advanced Strength of Materials MCEN3004 Fundamentals of Heat Transfer	COMP3001	Design and Analysis of Algorithms	V		Elective Y3 S1 (Normal
COMP2008 Software Engineering Testing	CMPE2002	Requirements Engineering		V	Elective Y2 S1 (Mid-Year) /
COMP2003 Object Oriented Software Engineering DEPARTMENT: MECHANICAL AND MECHATRONIC ENGINEERING HEAD OF DEPARTMENT: ASSOCIATE PROF. DR MOOLA MOHAN REDDY PROGRAMME: MECHANICAL ENGINEERING ENGR2000 Fluid Mechanics MCEN2000 Fundamentals of Strength of Materials MCEN2003 Machine Dynamics MCEN2006 Computer Aided Drawing and Engineering Modelling ENGR2001 Ethics and Sustainability in Engineering MCEN2004 Manufacturing Processes MCEN2005 Fundamentals of Mechanical Design MCEN2001 Fundamentals of Thermodynamics MCEN2001 Fundamentals of Thermodynamics MCEN2001 Fundamentals of Mechanical Design MCEN2001 Fundamentals of Mechanical Design MCEN2001 Fundamentals of Heat Transfer	CMPE3008	Software Engineering Testing	V		Elective Y3 S1 (Normal
DEPARTMENT: MECHANICAL AND MECHATRONIC ENGINEERING HEAD OF DEPARTMENT: ASSOCIATE PROF. DR MOOLA MOHAN REDDY PROGRAMME: MECHANICAL ENGINEERING ENGR2000 Fluid Mechanics	COMP2008	Mobile Application Development		V	· · · · · · · · · · · · · · · · · · ·
HEAD OF DEPARTMENT: ASSOCIATE PROF. DR MOOLA MOHAN REDDY PROGRAMME: MECHANICAL ENGINEERING ENGR2000 Fluid Mechanics	COMP2003	Object Oriented Software Engineering	V		· ·
PROGRAMME: MECHANICAL ENGINEERING ENGR2000 Fluid Mechanics		DEPARTMENT: MECHANICA	AL AND MECHATRO	ONIC ENGINEERING	
PROGRAMME: MECHANICAL ENGINEERING ENGR2000 Fluid Mechanics		HEAD OF DEPARTMENT: ASSO	CIATE PROF. DR M	IOOLA MOHAN REDI	ΟY
ENGR2000 Fluid Mechanics	PROGRAMMF: MI				
MCEN2000 Fundamentals of Strength of Materials √ MCEN2003 Machine Dynamics √ MCEN2006 Computer Aided Drawing and Engineering Modelling √ ENGR2001 Ethics and Sustainability in Engineering √ MCEN2004 Manufacturing Processes √ MCEN2002 Fundamentals of Mechanical Design √ MCEN2001 Fundamentals of Thermodynamics √ MCEN3004 Advanced Strength of Materials √ MCEN3008 Fundamentals of Heat Transfer √			V		Common Engineering Unit
MCEN2003 Machine Dynamics √ MCEN2006 Computer Aided Drawing and Engineering Modelling √ ENGR2001 Ethics and Sustainability in Engineering √ MCEN2004 Manufacturing Processes √ MCEN2002 Fundamentals of Mechanical Design √ MCEN2001 Fundamentals of Thermodynamics √ MCEN3004 Advanced Strength of Materials √ MCEN3008 Fundamentals of Heat Transfer √			\ \ \		Common Engineering Offit
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ENGR2001 Ethics and Sustainability in Engineering MCEN2004 Manufacturing Processes MCEN2002 Fundamentals of Mechanical Design MCEN2001 Fundamentals of Thermodynamics MCEN3004 Advanced Strength of Materials MCEN3008 Fundamentals of Heat Transfer		Computer Aided Drawing and Engineering	V		
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MCEN3004 Advanced Strength of Materials √ MCEN3008 Fundamentals of Heat Transfer √		· ·		V	
MCEN3008 Fundamentals of Heat Transfer √		,		V	
			V		
MCEN3009 Linear Systems and Vibrations √			V		
	MCEN3009	Linear Systems and Vibrations	V		

MCENSOD? Applied Fluid Mechanics MCENSOD? Machine Design MCENSOO? Exposure to Professional Engineering MCENSOO? Exposure to Professional Engineering MCENSOO? Mechanical Engineering Research Project 1 MCENSOOS Mechanical Engineering Research Project 1 MCENSOOS Mechanical Engineering Research Project 2 For final year students only MCENSOOS Mechanical Engineering Research Project 2 MCENSOOS Mechanical Engineering Project 3 MCENSOOS Mechanical Engineering Project 4 MCENSOOS Mechanical Engineering Project 4 MCENSOOS Mechanical Engineering Project 4 MCENSOOS Mechanical Engineering Project 5 MCENSOOS Finite Element Analysis (Elective 2-Senseste Mechanical Design Mechanics Mechanical Mechanics Mechanical Mechanics Mechanical Mechanics Mechanical Mechanics Mechanical Segue Mechanical Mecha	MARKS
MCEN4005 Exposure to Professional Engineering Practice N	
MCENA007 Exposure to Professional Engineering Practice	
MCEN4005 Mechanical Engineering Research Project 1 V Mechanical Engineering Research Project 2 V Research Project 2 V Mechanical Engineering Practice V Engineering Practice V Engineering Professional Engineering Practice V Engineering Practice V Engineering Professional Engineering Practice V Engineering Professional Engineering Practice V Engineering Professional Engineering Practice V Engineering Noise Control Industrial Fluid Mechanics W Engineering Noise Control Semeste Specialisation Units Vear 3 (please refer to Course Structure for list of specialisations offered): MCEN4001 Industrial Fluid Mechanic V Engineering Specialisation Chemical Engineering Specialisation V Engineering Specialisation Chemical Engineering Specialis	
MCEN4005 Mechanical Engineering Research Project 1 V V V V V V V V V V V V V V V V V V	
MCEN4005 Mechanical Engineering Research Project 1 V MCEN4006 Mechanical Engineering Research Project 2 V MCEN4006 Mechanical Engineering Research Project 1 V MCEN4006 Mechanical Engineering Research Project 2 V MCEN4001 Integrated Mechanical Design V MCEN4001 Materials Engineering Practice V MCEN4011 Engineering Design Methodology V MCEN4010 Professional Engineering Practice V MCEN4010 Professional Engineering Practice V MCEN4010 Industrial Fluid Mechanics V MCEN4010 Industrial Fluid Mechanics V MCEN4000 Engineers W MCEN4000 Engineering Noise Control Semeste MCEN4009 Engineering Noise Control Semeste MCEN4001 Industrial Fluid Mechanic V MCEN4013 Advanced Refrigeration System Design V MCEN4013 Advanced Refrigeration System Design V MCEN4013 Machine Dynamics V MCEN4001 Industrial Fluid Mechanic SPUE COME MCEN4001 Machine Dynamics V MCEN4001 Machine Dynamics V MCEN4001 Machine Dynamics V MCEN4000 Mechatronics Design Project V MCEN4000 Machine Dynamics V MCEN4000 Mechatronics Design Project V MCEN4000 Machine Dynamics Mechanical Design Project Mechanical Design Project Machine Bytems Specialisation Mechanical Design Project Mechanics Mechanical Design Project Mechanical Design Project Mechanical Design Project Mechanical Design Project Mechanical Design Proje	
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MCEN4005 Mechanical Engineering Research Project 1	
MCEN4005 Mechanical Engineering Research Project 1 V V V V V V V V V V V V V V V V V V	
MCEN4005 McEn4013 integrated Mechanical Design √ MCEN4001 Materials Engineering √ MCEN4002 Materials Engineering √ MCEN4004 Heat Transfer √ MCEN4004 Heat Transfer √ MCEN4011 Engineering Design Methodology √ MCEN4010 Professional Engineering Practice √ BLAW2000 Law for Engineers √ MCEN4001 Industrial Fluid Mechanics √ MCEN4008 Finite Element Analysis √ MCEN4008 Finite Element Analysis √ MCEN4009 Engineering Noise Control Semeste Specialisation Units Year 3 (please refer to Course Structure for list of specialisations offered): SPUE-COMEC MCEN4001 Industrial Fluid Mechanic SPUE-COMEC MKEN2003 Microcontroller Project √ SPUE-CRBAU Rol <t< td=""><td></td></t<>	
MCEN4001 Materials Engineering Materials Engineering Design Methodology Materials Engineering Design Methodology Materials Engineering Design Methodology Materials Engineering Design Methodology Materials Engineering Practice Materials Engineering Practice Materials Engineering Materials Of Thermodynamics Materials Engineering Materials Engineering Materials Engineering Materials Engineering Materials Engineering Materials Engineering Specialisation General Engineering Specialisation Gene	
MCEN4002 Materials Engineering N	
MCEN4004 Heat Transfer V (Elective 2, Year 1) MCEN4001 Engineering Design Methodology V (Elective 3, Year 1) MCEN4001 Professional Engineering Practice V For any Mec Students who is take this (Elective 1) MCEN4001 Industrial Fluid Mechanics V (Elective 3 Semeste Students who is take this (Elective 1 Semeste Semeste Semeste Semeste Semeste Semeste V Se	Voor 4 Comester
MCEN4011 Engineering Design Methodology (Elective 3, Year MCEN4010 Professional Engineering Practice BLAW2000 Law for Engineers MCEN4001 Industrial Fluid Mechanics MCEN4008 Finite Element Analysis MCEN4009 Engineering Noise Control Specialisation Units Year 3 (please refer to Course Structure for list of specialisations offered): MCEN4001 Advanced Refrigeration System Design MCEN4001 Industrial Fluid Mechanic Specialisation Units Year 3 (please refer to Course Structure for list of specialisations offered): MCEN4001 Advanced Refrigeration System Design MCEN4001 Industrial Fluid Mechanic MCEN4003 Machine Dynamics MCEN4003 Machine Dynamics MXEN4003 Microcontroller Project MXEN4000 Mechatronics Design Project MXEN4000 Mechatronics Design Project MCEN4000 Fluid Mechanics MC	1)
MCEN4010 Professional Engineering Practice BLAW2000 Law for Engineers Wordenstand Finite Element Analysis MCEN4001 Industrial Fluid Mechanics MCEN4008 Finite Element Analysis MCEN4009 Engineering Noise Control Specialisation Units Year 3 (please refer to Course Structure for list of specialisations offered): MCEN4001 Industrial Fluid Mechanic MCEN4003 Machine Dynamics MXEN2003 Microcontroller Project MXEN2003 Mechatronics Design Project MXEN3000 Mechatronics Design Project MCEN4002 Materials Engineering MCEN4002 Materials Engineering MCEN4001 Fluid Mechanics MCEN4002 Fundamentals of Thermodynamics MCEN4003 Machine Dynamics MCEN4004 Fundamentals of Thermodynamics MCEN4005 Fluid Mechanics MCEN4006 Fluid Mechanics MCEN4007 Fundamentals of Mechanical Design MCEN4000 Fundamentals of Mechanical Design MCEN4000 Process Simulation and Data Analytics	Year 4 Semester 1)
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ENEN4014 Sustainable Urban Management and √ SPUC-SUENV Sus	
Planning Environment Spe	
(Specialisation offered	
CSEN2000 Civil Engineering Construction Materials Environmental Engineering Construction Materials SPUC-CIVEN Civil	
Engineering Spec	
Construction Engineeri	

UNIT CODE	UNIT TITLE	SEM 1, 2025	SEM 2, 2025	REMARKS
STEN2005	Structural Analysis of Determinate		V	SPUC-CIVEN Civil
	Structures			Engineering Specialisation (Specialisation offered by Civil and
GEOT2000	Principles of Geomechanics		V	SPUC-CIVEN Civil
GEO12000	rinciples of deomechanics		V	Engineering Specialisation (Specialisation offered by Civil and
CVEN2001	Water and Environmental Resources			Construction Engineering) SPUC-CIVEN Civil
CVENZOOI	Water and Environmental Resources		,	Engineering Specialisation (Specialisation offered by Civil and Construction Engineering)
COMP1002	Data Structures and Algorithms			SPUC-AIMLN Artificial
	G			Intelligence and Machine Learning Specialisation (Specialisation offered by Electrical and Computer Engineering)
ISYS2014	Database Systems		$\sqrt{}$	SPUC-AIMLN Artificial
				Intelligence and Machine Learning Specialisation (Specialisation offered by Electrical and Computer Engineering)
ISEC2001	Fundamental Concepts of Data Security			SPUC-CYBSE Cybersecurity
				Specialisation
				(Specialisation offered by Electrical and Computer Engineering)
ISEC1000	Cyber Security Concepts		V	SPUC-CYBSE Cybersecurity
				Specialisation (Specialisation offered by Electrical
				and Computer Engineering)
Specialisation Unit	ts Year 4 (please refer to Course Structure fo	r list of specialisations	offered):	
			.1	SPUE-COMEC
MCEN4008	Finite Element Analysis		V	Computational Mechanics Specialisation
MCEN4008	Engineering Design Methodology			Mechanical Flexible
MCEN4009	Engineering Noise Control	,	V	Mechanical Flexible
MCEN3002	Applied Fluid Mechanics		$\sqrt{}$	SPUC-MESYS Mechanical
CHEN3009	Fluid and Particle Processes			Systems Specialisation SPUC-PROEN Process
CHENSOUS	Fidia and Particle Processes	V		Engineering Specialisation
				(Specialisation offered by Department
CHEN4020	Carbon Management	V		Chemical and Energy Engineering) SPUC-SUENV Sustainable
				Environment Specialisation (Specialisation offered by Environmental Engineering)
TREN3001	Transportation Engineering and			SPUC-CIVEN Civil
	Earthworks			Engineering Specialisation (Specialisation offered by Civil and Construction Engineering)
CSEN3000	Civil Engineering Project and Cost		V	SPUC-CIVEN Civil
	Management			Engineering Specialisation (Specialisation offered by Civil and Construction Engineering)
COMP3010	Machine Learning	\checkmark		SPUC-AIMLN Artificial
				Intelligence and Machine
				Learning Specialisation (Specialisation offered by Electrical
COMT3002	Internet of Things Design and			and Computer Engineering) SDLIC CVPSE Cyborsocurity
COIVIT3002	Internet of Things Design and Communications	V		SPUC-CYBSE Cybersecurity Specialisation
				(Specialisation offered by Electrical and Computer Engineering)
ISEC3005	Cyber Security - Intrusion Detection		V	SPUC-CYBSE Cybersecurity
	System and Incident Handling			Specialisation (Specialisation offered by Electrical
				and Computer Engineering)
	CHATRONIC ENGINEERING	1		
MXEN2003	Microcontroller Project	V		
MCEN2003	Machine Dynamics	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \		Shared unit with Electrical
ELEN2000	Electrical Circuits	V		and Electronic Engineering
CMPE2001	Foundations of Digital Design	V		Shared unit with Electrical and Electronic Engineering

UNIT CODE	UNIT TITLE	SEM 1, 2025	SEM 2, 2025	REMARKS
COMP1002	Data Structures and Algorithms		V	Shared unit with BTECH, B-COMP
			$\sqrt{}$	Shared unit with Electrical
ETEN2000	Signals and Systems			and Electronic Engineering
MXEN3000	Mechatronics Design Project		V	
ENGR2001	Ethics and Sustainability in Engineering		√	
	DEPARTMEI HEAD OF DEPARTM	NT: APPLIED SCIEN 1ENT: PROF. M.V. I		
PROGRAMME: AP				
NPSC1003	Integrating Indigenous Science and STEM	V		Shared unit with Bachelor of Computing
SPAT1007	Fundamentals of Geographic Information Systems	V		
GEOL1008	Dynamic Earth			
MATH1013	Introductory Mathematics			
GEOL2008	Field Geology Techniques			
GEOL2003	Mineralogy and Geochemistry			
GEOP2006	Introduction to Geophysical Exploration Methods	√		
GEOL2007	Structural Geology	V		
GEOL3012	Basin Dynamics	V		
ERTH3001	Climate and the Biosphere			
GEOL3009	Field Studies of Sedimentary Basins	$\sqrt{}$		
GEOL3003	Hydrogeology and Engineering Geology			
COMP1005	Fundamentals of Programming	V	V	Shared unit with Engineering First Year
GEOL1007	Planetary Science		$\sqrt{}$	
GEOL1005	Fundamentals of Geology		V	
CHEM1003	Introduction to Chemistry		V	
GEOL2009	Geological Field Mapping		V	
GEOL2011	Petrology		V	
GEOL2004	Sedimentology and Stratigraphy		V	
ERTH2000	Earth Resources and Sustainability		V	
GEOL3001	Tectonics and the Dynamic Earth		V	
PEEN3000	Formation Evaluation		V	Shared unit with Petroleum Engineering

Note for Revision 08:

GEOL3008

GEOL3006

1. SPUC-PROEN Process Engineering Specialisation

Environmental Geoscience

Geoscience Project

- Remove CHEN4001 Process Safety and Risk Management from Semester 2, 2025 units offered list.
- 2. <u>SPUE-STENG Structural Engineering Specialisation; SPUE-INFST Infrastructure Specialisation</u> Remove STEN4006 Structural Dynamics from Semester 2, 2025 units offered list.
- 3. <u>SPUC-AIMLN Artificial Intelligence and Machine Learning Specialisation</u> Remove COMP3009 Data Mining from Semester 2, 2025 units offered list.
- 4. <u>SPUC-SUENV Sustainable Environment Specialisation</u>
 Remove ENEN4013 Environmental, Social and Governance from Semester 2, 2025 units offered list.
- 5. <u>Programme: Environmental Engineering</u>
 Remove ENEN4004 Geoenvironmental Engineering from Semester 2, 2025 units offered list.