

Curriculum Map (Chart of courses in relations to Diploma Policy)

Faculty /Department	Course Type	Course Code	Numbering	Course Title	Credits	Remarks	DP1	DP2	DP3	DP4	
Faculty of Science and Technology, Department of Engineering and Applied Sciences (Green Engineering)	Compulsory	SCT1020E	SCT101-75e00	OUTLINE OF SCIENCE AND TECHNOLOGY	2		○				
		SCT1150E	MTH101-75e00	MATHEMATICS A(LINEAR ALGEBRA)	2		○				
		SCT1160E	MTH102-75e00	MATHEMATICS B(CALCULUS)	2		○				
		SCT1170E	MTH103-75e00	MATHEMATICS EXERCISE 1	1		○				
		SCT1030E	PHY101-75e00	BASIC PHYSICS 1	2		○				
		SCT1190E	CHM101-75e00	BASIC CHEMISTRY	2		○				
		SCT1200E	BIO101-75e00	BASIC BIOLOGY	2		○				
		SCT1210E	SCT102-75e00	EXPERIMENTS & EXERCISE OF BASIC SCIENCE	1		○				
		SCT2030E	MTH104-75e00	BASIC INFORMATICS	2		○				
		SEA2040E	MEC101-77e00	ENGINEERING AND APPLIED SCIENCES 1	2				○	○	
		SEA2050E	PHY101-77e00	ENGINEERING AND APPLIED SCIENCES 2	2				○	○	
		SEA2060E	EEE201-77e00	ENGINEERING AND APPLIED SCIENCES 3	2				○	○	
		SEA2070E	EAS101-77e00	ENGINEERING AND APPLIED SCIENCES LAB. 1	1				○	○	
		SEA2080E	EAS201-77e00	ENGINEERING AND APPLIED SCIENCES LAB. 2	1				○	○	
		SEA4030E	EAS401-77e00	GRADUATION RESEARCH 1	1						○
		SEA4040E	EAS402-77e00	GRADUATION RESEARCH 2	1						○
		Electives	SCT1220E	PHY102-75e00	BASIC PHYSICS 2	2		○	○		
			SCT5130E	SCT203-75e00	ENGL.FOR SCI/ENGINEERING(ENVIRONMENT)	2		○			
	SCT6650E		BIO102-75e00	MOLECULAR BIOLOGY	2		○				
	SCT6660E		CHM102-75e00	INORGANIC CHEMISTRY(ANALYTICAL CHEMISTRY)	2		○				
	SCT6685E		PHY201-75e00	ELECTROMAGNETISM	2				○	○	
	SCT6690E		MTH201-75e00	MATHEMATICS C1 (STATISTICAL DATA ANALYSIS)	2		○				
	SCT6700E		MTH105-75e00	MATHEMATICS B2 (CALCULUS OF SEVERAL	2		○				
	SCT6710E		MTH106-75e00	BASIC DIFFERENTIAL EQUATIONS	2				○	○	
	SCT6730E		MTH202-75e00	FOURIER & LAPLACE TRANSFORMS	2		○				
	SCT6740E		PHY202-75e00	THERMODYNAMICS	2				○	○	
	SCT6750E		BIO201-75e00	CELL BIOLOGY	2		○				
	SCT6760E		PHY203-75e00	INTRODUCTION TO QUANTUM MECHANICS	2				○	○	
	SCT6770E		PHY204-75e00	ATOMIC & MOLECULAR SCIENCES	2		○				
	SCT6780E		CHM201-75e00	GEOSCIENCE	2		○				
	SCT6800E		CHM103-75e00	ORGANIC CHEMISTRY	2		○				
	SCT6810E		CHM202-75e00	PHYSICAL CHEMISTRY	2		○				
	SCT6820E		CHM203-75e00	ATMOSPHERIC CHEMISTRY	2		○				
	SCT6830E		BIO202-75e00	FUNDAMENTAL BIOCHEMISTRY	2		○				
	SCT6840E		SCT204-75e00	SCIENCE, TECHNOLOGY AND ENVIRONMENT	2		○				
	SCT6850E		SCT205-75e00	TECHNOLOGY & INNOVATION	2		○				
	SEA5140E		PHY301-77e00	GREEN ENGINEERING LAB. 1	1				○	○	
	SEA5150E		MEC301-77e00	GREEN ENGINEERING LAB. 2	1				○	○	
	SEA5160E		EEE301-77e00	GREEN ENGINEERING LAB. 3	1				○	○	
	SEA5170E		EAS301-77e00	TOPICS OF GREEN ENGINEERING 1	2				○	○	
	SEA5180E		EAS302-77e00	TOPICS OF GREEN ENGINEERING 2	2				○	○	
	SEA6520E		MEC302-77e00	THERMAL ENERGY CONVERSION	2				○	○	
SEA6530E	MEC303-77e00		FLUID ENERGY CONVERSION	2				○	○		
SEA6540E	MEC304-77e00		ENERGY & MATERIALS	2				○	○		
SEA6550E	EEE302-77e00		NUCLEAR ENERGY ENGINEERING	2				○	○		
SEA6580E	EEE303-77e00		ELECTRIC POWER SYSTEM ENGINEERING	2				○	○		
SEA6585E	EEE304-77e00		POWER ELECTRONICS	2				○	○		
SEA6590E	EEE305-77e00		CLEAN ENERGY	2				○	○		
SEA6600E	EAS303-77e00		SIMULATION ENGINEERING	2				○	○		
SEA6610E	INF308-77e00		COMMUNICATION AND NETWORK ENGINEERING	2			○				
SEA6620E	EAS403-77e00	TOPICS OF GREEN ENGINEERING 3	2				○	○			
SEA6690E	EEE306-77e00	MOTOR DRIVE SYSTEM	2				○	○			
SEA6650E	EAS404-77e00	AIRCRAFT DESIGN WITH MECHANICS OF FLIGHT	2				○	○			
SEA6660E	EEE307-77e00	PHYSICS AND ENGINEERING OF ELECTRONIC DEVICES	2				○	○			
SEA6680E	PHY302-77e00	OPTICS	2				○	○			
099712	ENV206-02e00	ENVIRONMENTAL SCIENCE	2	(Other)		○					
099716	ENV203-02e00	SUSTAINABLE DEVELOPMENT	2	(Other)		○					