

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 Material and Life Sciences (Green Science)	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			○		
		SML2040E	PHY101-76e00	MATERIALS AND LIFE SCIENCES (PHYSICS)	2			○		
		SML2050E	CHM101-76e00	MATERIALS AND LIFE SCIENCES (CHEMISTRY)	2			○	○	
		SML2060E	BIO101-76e00	MATERIALS AND LIFE SCIENCES (BIOLOGY)	2			○	○	
		SML2070E	MLS101-76e00	MATERIALS AND LIFE SCIENCES LAB. A	1			○	○	
		SML2080E	MLS201-76e00	MATERIALS AND LIFE SCIENCES LAB. B	1			○	○	
		SML3030E	MLS202-76e00	MATERIALS AND LIFE SCIENCES LAB. C	1			○	○	
		SML4030E	MLS301-76e00	SEMINAR 1	1					○
		SML4040E	MLS302-76e00	SEMINAR 2	1					○
		SML4050E	MLS401-76e00	GRADUATION RESEARCH 1	1			○		○
		SML4060E	MLS402-76e00	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				○	
		SML5130E	CHM201-76e00	CHEMISTRY LAB. 1	1					○
		SML5140E	CHM301-76e00	CHEMISTRY LAB. 2	1					○
SML5150E	MLS303-76e00	PHYSICAL CHEMISTRY LAB.	1					○		
SML5210E	BIO201-76e00	BIOLOGY LAB. 1	1					○		
SML5220E	BIO301-76e00	BIOLOGY LAB. 2	1					○		
SML5230E	BIO302-76e00	BIOLOGY LAB. 3	1					○		
SML6490E	PHY301-76e00	ATOMIC AND MOLECULAR SPECTROSCOPY	2					○		
SML6500E	CHM302-76e00	INSTRUMENTAL ANALYSIS	2					○		
SML6510E	CHM303-76e00	ORGANIC AND NATURAL PRODUCT CHEMISTRY	2					○		
SML6520E	CHM304-76e00	ENVIRONMENTAL ANALYTICAL CHEMISTRY	2					○		
SML6530E	CHM305-76e00	GREEN CHEMISTRY	2					○		
SML6550E	CHM306-76e00	CATALYSIS CHEMISTRY	2					○		

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		SML6570E	PHY302-76e00	THEORY-AIDED MOLECULAR DESIGN	2					○
		SML6580E	PHY303-76e00	QUANTUM REACTION DYNAMICS	2					○
		SML6590E	BIO303-76e00	TOPICS OF PLANT SCIENCE	2		○			○
		SML6600E	BIO304-76e00	TOPICS OF GREEN SCIENCE 1	2					○
		SML6610E	CHM308-76e00	TOPICS OF GREEN SCIENCE 2	2					○
		SML6620E	BIO305-76e00	TOPICS OF GREEN SCIENCE 3	2					○
		SML6630E	CHM309-76e00	STRUCTURAL CHEMISTRY	2					○
		SML6660E	PHY304-76e00	RADIATION PHYSICS AND CHEMISTRY	2					○
		SML6700E	CHM310-76e00	SEPARATION CHEMISTRY IN ANALYSIS	2					○
		SML6710E	CHM323-76e00	METALLIC AND ELECTRONIC MATERIALS	2					○
		SML6720E	CHM311-76e00	POLYMER CHEMISTRY	2				○	○
		SML6730E	CHM312-76e00	SYNTHETIC ORGANIC CHEMISTRY	2					○
		099712	ENV206-02e00	ENVIRONMENTAL SCIENCE	2	(Other)	○			
		099716	ENV203-02e00	SUSTAINABLE DEVELOPMENT	2	(Other)	○			