LIST OF COURSES BY PROGRAMME

CLUSTER	DEGREE PROGRAMME		COURSE 1	COURSE 2	COURSE 3
ENGINEERING & SCIENCE	E1	Electrical Engineering Electronic Engineering Electrical (Mechatronics) Engineering Chemical Engineering Chemical Engineering (Gas) Chemical Process Engineering Nuclear Engineering Petroleum Engineering	MATHEMATICS	PHYSICS	CHEMISTRY
	E2	Civil Engineering Electronic System Engineering Engineering (Naval Architecture and Offshore Engineering) Mechanical Engineering Mechanical Engineering (Aeronautics) Mechanical Engineering (Manufacturing) Mechanical Precision Engineering Science (Physics) Science (Industrial Physics) Science (Mathematics) Science (Industrial Mathematics)	MATHEMATICS	PHYSICS	FUNDAMENTALS OF PROGRAMMING
	E3	Biomedical Engineering	MATHEMATICS	PHYSICS	BIOLOGY
	E4	Science (Chemistry) Science (Industrial Chemistry) Science in Biotechnology Science Biology	MATHEMATICS	CHEMISTRY	BIOLOGY
	E5	Chemical Engineering (Bioprocess)	MATHEMATICS	CHEMISTRY	FUNDAMENTALS OF PROGRAMMING
COMPUTING	C1	Artificial Intelligence Computer Science (Graphics and Multimedia Software) Computer Science (Network and Security) Software Engineering	MATHEMATICS	INFORMATION AND COMMUNICATION TECHNOLOGY	FUNDAMENTALS OF PROGRAMMING
SOCIAL SCIENCE	B1	Accounting Business Administration (International Business) Education (Teaching English as a Second Language) General Studies Management (Marketing) Management (Technology) Psychology with Human Resource Development Science (Human Resource Development)	BASIC MATHEMATICS	INTRODUCTION TO BUSINESS	ECONOMICS
BUILT ENVIRONMENT	L1	Quantity Surveying Real Estate Science Geoinformatics Science in Architecture Science in Construction Science Land Administration and Development Science (Industrial Design) Urban and Regional Planning	BASIC MATHEMATICS	INFORMATION AND COMMUNICATION TECHNOLOGY	ECONOMICS
	L2	Geomatics Engineering	BASIC MATHEMATICS	INFORMATION AND COMMUNICATION TECHNOLOGY	PHYSICS
	L3	Landscape Architecture	BASIC MATHEMATICS	INFORMATION AND COMMUNICATION TECHNOLOGY	BIOLOGY