

ESC506 **COMPUTER PROGRAMMING II**

BLOCK 3b **FUNCTIONS IN 'C' PROGRAMMING**

Unit 12 Arrays

Unit 13 Strings and Files

Unit 14 The 'C' Preprocessor

Unit 15 Structures and Unions

BLOCK 4 **'C++' PROGRAMMING**

Unit 16 Introduction to C++ Programming

Unit 17 Data Types and Calculations

Unit 18 C++ Classes

Unit 19 Function Overloading and Inheritance in C++

Unit 20 Memory Allocation

BLOCK 5 **ENVIRONMENTAL SCIENCES WITH COMPUTERS**

Unit 21 Computer Applications in Environmental Sciences