

## BACHELOR OF SCIENCE IN COMPUTING THREE YEAR PROGRAMME

### Background

The University of Greenwich is a major modern UK university offering internal and external programmes at both undergraduate and postgraduate levels. Bachelor of Science in Computing is one of the undergraduate degree programmes being offered at the School of Computing and Mathematical Sciences at the University.

It is recognised both nationally and internationally for its cutting edge research and its innovative approach to curriculum development. It awards B.Sc. (Honours) in Computing to students who successfully complete the full programme.

The programme aims to be in-line with recent developments in computing and the current market trends with new requirements for new and more web based applications. It helps students to understand how computer systems are developed and offers training to design and build them.

At Oshwal College, you will develop a range of personal and professional skills needed to communicate and work effectively with those around you, whether they are computer literate or not.

Career opportunities exist in many computing areas such as computer systems development, specialist software development, IT analysis, and electronics and telecommunication support.

Graduates can expect to work as independent consultants or in teams with other computer professionals to build and support modern Computing systems.



### Entry Requirements

Qualifications for entry will be assessed on an individual basis for each applicant. The basic minimum qualifications are:

Students must have successfully completed one of the following:

- Equivalent of two (2) A levels at grade C or above
- KCSE Mean Grade C+ and above with a minimum of grade C in Maths and English.
- Students who wish to transfer from universities in Kenya after they have successfully completed first year or above on similar program and
- Be aged at least 19 years at the start of the programme

### Course Structure

It is a three (3) year programme with modules in each year as shown below

#### Year One

COMP 1148 Computer Programming 1 (30 Credits)

COMP 1152 System Building 1 (30 Credits)

COMP 1587 Communication Systems 1 (15 Credits)

COMP 1588 Computer Systems Architectures  
1 (15 Credits)

MATH 1110 Logical Foundations (15 Credits)

MATH 1111 Quantitative Methods (15 Credits)  
Plus one addition

COSK 1001 Personal Development Programme  
(0 Credits)

#### Year Two

COMP 1592 Organisation and Project Management  
(30 Credits) and

90 Credits of options chosen from:

COMP 1158 Systems Building 2 (30 Credits)

COMP 1549 Advanced Programming (15 Credits)

COMP 1551 Application Program Development (15  
Credits)

COMP 1554 Computer Programming 2 (15 Credits)

COMP 1556 Database Applications Technologies  
(15 Credits)

COMP 1565 Visual Application Development (15  
Credits)

COMP 1039 Multimedia Production (30 Credits)

#### Year Three

Project (30 Credits)

#### Three Options from:

COMP 1037 Web Application Technologies

COMP 1578 System Building 3

COMP 1326 IS Planning & Management

COMP 1087 Enterprise Database Systems

COMP 1207 eTechnology

COMP 0195 Artificial Intelligence (All 30 Credits)

#### Plus one addition

COSK 1001 Personal Development Programme  
(0 Credits)

### Examinations

Students are assessed by one examination and one coursework for each module. The examination is held at the end of an academic year, in May and December.

### Timings

The timings are designed to suit both Full-time and Part-time students. The class times are as follows:

Full-time Classes: 8.30 am – 1.00 pm (Monday to Friday)

Part-time Classes: 5.45 pm – 7.45 pm (Monday to Friday)  
& 8.30 am – 4.00 pm on Saturdays

### Registration Requirements

Fully completed admission form, two passport-size photographs for new students or one for continuing students and a photocopy of school certificate/ result slip. The registration, sending of entries for examinations, results or any other correspondence should be done through the College.

### Intakes

The College operates on the basis of two semesters commencing in the first week of January and September respectively.



#### For further information contact:

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#### B.SC. IN COMPUTING

##### Contact Address:

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#### We also offer:

Association of Chartered Certified Accountants (**ACCA**)

Chartered Institute of Purchasing and Supply (**CIPS**)

ACCA Diploma in Financial Management (**DipFM**)

Business & Technology Education Council (**BTEC**)

International Computer Driving License (**ICDL**)

Chartered Information Systems Auditor (**CISA**)

Association of Business Executives (**ABE**)

The Chartered Financial Analyst (**CFA**)

Human Resource Management (**HRM**)

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