

# Faculty of Natural Sciences

## PHILISOPHY AND OBJECTIVES

The philosophy and objectives of the faculty of natural sciences is the production of the scientific and technological manpower necessary for achieving the national goals of Nigeria in general, and those of Edo State in particular. To attain this, emphasis will be placed on the following objectives.

- The inculcation in students of the fundamental principles on science
- The application of these principles to societal problems
- The development in students of the capacity to innovate and improvise using local resources.

It is hoped that the graduates produced will:

- Meet the needs of the State Government and the country for the teaching of all science subjects in their various institutions of learning.
- Fit into positions in the science and research sections of the various government ministries and parastatals and the private sector.
- Become self-employed by setting up small-scale industries/project (commercial) as a result of the practical/applied orientation of the training programmes

## DEPARTMENTS

The faculty at present consists of the following eight departments

{In:nsDepartment of Biochemistry 'Biochemistry}

Food and Nutritional Biochemistry, Enzymology, Clinical Biochemistry, Industrial Biochemistry, Biochemical Genetics and Molecular Biology.

{In:nsDepartment of Botany 'Botany}

Plant Breeding, Crop Protection and soil science

{In:nsDepartment of Chemistry 'Chemistry}

Inorganic, Organic, Environmental Chemistry, Analytical Chemistry, Polymer Science and Technology, and Natural Products Chemistry. These are two degree options in the department, viz B.Sc. Chemistry and B.Sc. and Industrial Chemistry.

{In:nsDepartment of Computer Science 'Computer Science}

General Computing, System Analysis and Design, Software Maintenance, Database Management and Design Analysis.

{In:nsDepartment of Mathematics and Statistics 'Mathematics and Statistics}

Pure Mathematics, Applied Mathematics, Statistics, Industrial Mathematics, Quality Control, Experimental Design, Stochastic Process and Probability Theory for Statistics option.

{In:nsDepartment of Microbiology ' Microbiology}

Microbial Ecology, Industrial, Food, Medical and Environmental Microbiology, Immunology; and MicroGenetics

{In:nsDepartment of Physics ' Physics}

Courses leading to B.Sc. Physics and B.Sc. Applied Geophysics respectively.

{In:nsDepartment of Zoology ' Zoology}

Parasitology, Animal Physiology, Hydrobiology and Fisheries and Molecular Biology.