LEVEL 3

A LEVEL BIOLOGY

This is a really exciting time to be studying Biology because so much new work is being done which affects all our lives. Genetic engineering, the human genome project, genetic testing and screening, biotechnology, genetically modified organisms, cloning, conservation and sustainable resources are some examples of important issues that everyone should know about in order to understand new developments and to make informed decisions.

Specific course entry requirements

College entry to include Double Award GCSE Science Higher Tier 6,6 (or above) or GCSE Biology 6 (or above) plus a minimum of either GCSE Chemistry 6 or GCSE Physics 6. You must also have achieved GCSE Mathematics grade 5 or above (please refer to the Entry Requirements section for further details). Those students that have taken the BTEC Level 2 Science are not qualified for this course but should consider the BTEC Level 3 Extended Certificate in Human Biology as an alternative.

How will I be assessed?

100% Examination. Practical skills are embedded within the course and are assessed as part of the practical endorsement of the A level as well as in the written examinations.

What will I study?

Over the two year A Level course you will study biological molecules, cells, organisms, exchange systems, genetics, variation, energy transfer, nervous system, evolution, ecosystems and gene technology.

Where will this course lead me?

Biology is an essential subject if you are interested in a career with a medical or bio-medical bias e.g. medicine, dentistry, veterinary science, nursing, pharmacy, physiotherapy, forensic science,or biochemistry. It is also an important and useful subject for anyone interested in careers in conservation, biotechnology, sports science and psychology. In addition there are a large number of biology related university degree courses e.g. Marine Biology, Microbiology, Zoology.