

ACCESS Subject Information -Human Biology

Aim of the module

Human Biology examines at how the how the human organism functions. This starts with a look at cells the basic units of all life, then continues with a detailed consideration of all the main organ systems of the body.

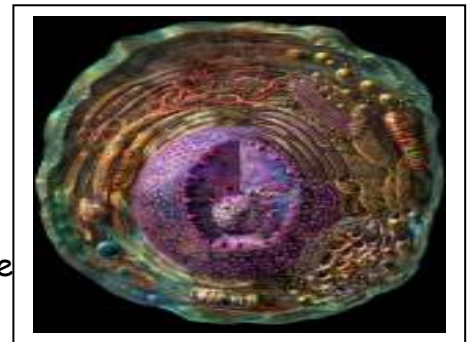
Number and Level of Credits

There are 5 credits available in this subject at Level 3(A level equivalent) or Level 2 (GCSE equivalent)

Content

Cell Structure and Body Organisation - This covers Both structure and function of cells and how they become specialised to form tissues. Also basic body anatomy and a look at the skeleton.

Nutrition and Digestion - This looks at the structure of our foods and why we need them, how our digestive system works and the role of the liver.



Blood Circulation and the Immune System - This looks at the blood, the heart and blood vessels. Also looks at the mechanisms we have to defend us against disease.

Respiration and Homeostasis - Here we look at how the body gets oxygen and what it uses it for. Homeostasis means the systems that we have for keeping factors like temperature constant.

Control Systems and Reproduction - Looks at how we keep all the other systems controlled and working together, focussing particularly on the reproductive system.

Teaching Methods

A variety of methods are used, lectures, practicals, discussions and video materials.

Relevance to Pathways

Human Biology is a core subject for Health Studies and is taken by most Science learners. Some from Teacher Training and Humanities also take this module.

Preparatory reading for the module

This is not essential but can be useful if you have not done biology before. Any GCSE level book on biology or human biology would be appropriate. Concentrate on cells, structure and function.