



DistanceLearningCentre.com

Unit Information

Unit: Biomolecules and Key Biochemical Principles
Level: 3
Credit Value: 6

What you will study:

You will learn about the structure and function of major macromolecules in cells, such as; DNA, mRNA and tRNA. It will cover the importance of macromolecules in the functioning of cells. You will also learn about the process of protein synthesis.

You will learn about carbohydrates, lipids and proteins structures and roles in metabolism. It will also cover enzymes and the processes and factors affecting enzyme reaction.

The unit will also cover cellular respiration and the different processes involved in aerobic and anaerobic respiration.

You will cover the Mendelian inheritance and how meiosis determines inheritance ratios.

How you will be assessed:

1. You will complete a number of short answer questions.
2. You will sit a 45-minute exam via Skype