



### Distance Learning Foundation Certificate in Human Sciences Module Outline 2010 – 2011

Module	Content
<b>MODULE 1 PART 1 Introduction to Human Sciences</b>	Understanding science as a non scientist The importance of science in healthcare The basic human sciences: biochemistry, chemistry, human biology, anatomy and physiology, Pathophysiology
<b>MODULE 1 PART 2 The basics units of life</b>	Chemistry for biologists Energy production and transfer Atoms, molecules and compounds The periodic table Bonds: the importance of bonds in chemical reactions Water: Its importance as a medium for chemical reactions
<b>MODULE 2 PART 1 The Building blocks of the body</b>	The cell Tissues
<b>MODULE 2 PART 2 How the human body works</b>	Basic human physiological processes Control and transport systems in the body: Metabolism, Homeostasis, Transport An introduction to basic anatomy and physiology