

# Certificate in Body Science

anatomy, physiology and pathology qualifications for complementary therapists

## Intensive Programme Overview

Please be aware that the exact order of presentation is subject to flexibility!

WEEK 1		
	AM	PM
MON	<b>INTRODUCTION</b> Introduction to the body systems; How they connect and work together; Location and gross anatomy of organs	<b>CELLS AND TISSUES</b> The body's 'biochemical building blocks' Basic components of cells and structure of different tissues and organs, cell division
TUES	<b>CARDIOVASCULAR SYSTEM</b> Gross anatomy and physiology of the cardiovascular and lymphatic systems; components and functions of blood and other fluids	<b>RESPIRATORY SYSTEM</b> How we get 'fuel' into the body: the respiratory system, how we carry fuel in blood, use it in cells and the waste products produced
WED	<b>DIGESTIVE SYSTEM</b> Anatomy of the digestive system; how we ingest, breakdown and absorb nutrients, current research	<b>SKELETAL SYSTEM</b> Terms and definitions; main bones of the skeleton. Different classifications of joints
THURS	<b>NERVOUS SYSTEM</b> Basic structure of the nervous system, spinal nerves and areas of the brain	<b>ENDOCRINE SYSTEM</b> Introduction to the endocrine system: the major glands, hormones and feedback cycles
FRI	<b>MUSCLES</b> Major muscle groups and outline of muscle physiology	<b>REVIEW AND DISCUSSION</b>
WEEK 2		
MON	<b>URINARY SYSTEM &amp; WASTES</b> How we remove wastes: a look at the urinary system, large intestine and skin	<b>REPRODUCTIVE SYSTEM</b> Anatomy and physiology of the male and female reproductive systems including the female cycles and sperm production
TUES	<b>PATHOLOGY INTRO</b> An introduction to disease. The cells and actions of the immune response	<b>CARDIOVASCULAR AND RESPIRATORY PATHOLOGY</b>
WEDS	<b>DIGESTIVE SYSTEM PATHOLOGY</b>	<b>MUSCULOSKELETAL PATHOLOGY</b>
THURS	<b>NERVOUS AND ENDOCRINE SYSTEMS PATHOLOGY</b>	<b>URINARY, REPRODUCTIVE &amp; OTHER PATHOLOGIES</b> Including cancer and AIDS
FRI	<b>SPECIAL SENSES</b> Hearing, vision, smell, taste, the skin and associated pathologies	<b>REVIEW AND DISCUSSION</b> Introduction to other topics in research including circadian rhythms, sleep and physiological adaptations
WEEK 3		
MON	<b>MEDICAL INTERVENTIONS</b> Different Western medical interventions - drugs and surgery; where complementary medicine fits in	<b>REVIEW</b> Review of the course work
TUES	<b>ASSESSMENT</b> Course assessment	<b>OPEN SESSION</b> An Open Session with discussion and questions to link all the work together