Learning in year 0 is divided into 6 units; Human Biology & Physiology I (Unit 001), Human Biology & Physiology II (Unit 002), Introduction to Chiropractic (Unit 003), Clinical Problem Solving (Unit 004), Transferable Skills (Unit 005), and Health Concepts I (Unit 006).

The units are taught and assessed across two semesters. Human Biology & Physiology I and Transferable Skills are taught and assessed in the first semester. Human Biology & Physiology II and Health Concepts I are taught and assessed in the second semester. Introduction to Chiropractic and Clinical Problem Solving are taught and assessed across both semesters.

**Human biology and physiology I** *(20 credits at level 3)*

This unit will introduce you to the cells, tissues, molecules and processes that support life and form the basic cellular structure of the human body. You will explore aspects of biology and physiology through practical science laboratories, which you will report on and combine with knowledge gained within the unit.

The unit will be delivered through a combination of lectures, tutorials and practical or virtual science laboratories. Learning will be encouraged through activities including online materials, directed learning and instructional manuals.

The unit will be assessed by examination (60%) and coursework (40%).

**Human biology and physiology II** *(20 credits at level 3)*

This unit builds on the knowledge gained in Human Biology and Physiology I and allow you to learn how tissues function at a physiological level, how these tissues combine to form an organ and how many organs functioning together form an organ system. You will explore aspects of biology and physiology through practical science laboratories, which you will report on and combine with your knowledge gained within the unit.

The unit will be delivered through a combination of lectures, tutorials and practical or virtual science laboratories. Learning will be encouraged through activities including online materials, directed learning and instructional manuals.

The unit will be assessed by examination (60%) and coursework (40%).

**Introduction to chiropractic** *(20 credits at level 3)*

This unit will introduce you to the chiropractic profession, including its history and regulation, and some of the key skills required to practice as a safe and competent chiropractor. The psychomotor technique component of the unit will focus on fundamental skills such as the analysis of posture and range of motion together with palpatory identification of joint and soft-tissue structures. You will examine the role of communication and how to increase its effectiveness, and begin a structured programme of observation in the AECC outpatient clinic.

The unit will be delivered through a combination of lectures, tutorials and practical skills and laboratories, and you will visit the AECC outpatient clinic and observe patient encounters. Learning will be encouraged through activities including online materials, instructional manuals and directed
This unit will be assessed by two practical skills assessments (pass/fail), examination (60%) and coursework (40%).

**Clinical problem solving (20 credits at level 3)**

This unit introduces the key concepts and terminology of diagnosis and clinical reasoning. Commonly used strategies to improve diagnostic accuracy will be explored. Much of the material will be presented in the form of cases or clinical vignettes in order to contextualise learning and illustrate key principles. You will be encouraged to work in groups to foster a collaborative approach to problem solving.

The unit will be delivered through a combination of lectures, tutorials and workshops with electronic clinical cases. Learning will be encouraged through activities including online materials and directed learning.

The unit will be assessed by examination (60%) and coursework (40%).

**Transferable skills (20 credits at level 3)**

This unit provides you with an underpinning in key skills for your academic studies and lifelong learning. Particular emphasis will be placed on helping you identify a learning style which benefits you and how to organise your time to study effectively. You will explore computer skills and how to use electronic resources effectively. You will log these skills throughout the unit and be able to apply them in your future studies.

The unit will be delivered through a combination of lectures and workshops that will feature student-centred activities including online materials and directed learning.

This unit will be assessed by coursework (100%).

**Health concepts I (20 credits at level 3)**

This unit introduces concepts of health, determinants of health and risk that underpin the subject of health promotion. The unit will explore the influence of lifestyle factors on maintaining health and especially the roles that physical activity and good nutrition can play.

The unit may be delivered through a combination of lectures, tutorials and workshops. Learning will be encouraged through student-centred activities including online materials and directed learning.

The unit will be assessed by examination (60%) and coursework (40%).

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