

# DIPLOMA OF SCIENCE (HEALTH STUDIES) (YEAR 2)

The Diploma of Science (Health Studies) introduces you to the biological, social and cultural elements involved in health care. It is specially designed for students who wish to major in Nursing, Biomedical Science or Psychology. This program is taught on ECU's state-of-the-art Joondalup Campus West.

The program consists of 8 units of study and can be completed over 2 or 3 trimesters. Students who complete the ECC Diploma of Science (Health Studies) (Year 2) will be eligible for admission to a range of Health Science degrees at ECU. The range of credits granted varies depending upon the degree you choose. A minimum of 50 percent pass in all units is required for progression to ECU.

## UNIT DESCRIPTORS

### **MAT1114D – Introductory Statistics**

This unit deals with the methods and skills of organising, summarising and presenting numerical data. The concepts of estimation and hypothesis testing are studied, with the emphasis on analysing real data.

### **NUR1101D – Nursing in the Australian Healthcare Systems**

This unit provides an introduction to the role of the Registered nurse in the context of the Australian healthcare system.

### **NCS1102D – Professional Conduct and Communication**

This unit introduces students to interpersonal and professional modes of communication and conduct that support effective and efficient functioning of clients, colleagues and institutions, through role play, reflection and decision-making.

### **SCH1101D – Cultural Studies**

This unit develops cross-cultural understanding through addressing cultural issues, with an emphasis on

health and culture in patient management.

### **NUM1205D Legal and Ethical Requirements in Nursing and Midwifery Practice (Prerequisite: NUR1101D)**

The aim of the unit is to provide students with an understanding of ethics and law related to nursing and midwifery practice. Students will examine issues that may generate ethical and legal challenges for health care professionals and develop the knowledge and skills to discuss and debate these challenging issues.

### **NCS1202D – Evidence Based Practice in Health Care**

Students use the principles of inquiry-based learning to research and look at evidence-based case studies to understand how clinical problems can be addressed, and clinical knowledge expanded using research and evidence based practice.

### **NSC1103D – Clinical Sciences Introduction (Pre-requisite SCH1134D)**

This unit covers the structure and function of body systems (cardiovascular, respiratory, renal, digestive and immune) involved in the attainment of homeostasis for maintenance functions. The muscular-skeletal and reproductive systems will also be covered.

### **MHS1101D Anatomy & Physiology 1**

This unit provides a comprehensive introduction to foundational concepts in human anatomy and physiology. The unit investigates core concepts in the cellular, chemical and biochemical structure and functions of the body. It then examines the developmental, anatomical and physiological features of the nervous and musculoskeletal systems.

### **MHS1102D Anatomy & Physiology 2 (Pre-requisite MHS1101D)**

This unit examines the anatomy and physiology of the major organ systems within the body. The systems will be investigated both with respect to their individual structure and function, as well as their roles as part of an integrated whole.

## Diploma of Science (Health Studies) (Year 2) continued

### PAC1100H – Professional and Academic Communication (Health)

This unit equips students with the knowledge and skills to communicate effectively within Australian academic and professional environments. Students acquire essential skills within simulated workplace scenarios. The unit uses case studies to acculturate students to Australian workplaces and university environments. This unit also provides essential IELTS techniques and strategies to help students achieve the IELTS\* entry requirement for progression to ECU.

### PSY1101D – Introduction to Psychology

This unit provides an introduction to psychology and the role of the scientific method. It equips students with a basic understanding of psychology by examining the biological basis of behaviour as well as psychological health and disorders.

### SCN1111D Health Science

This unit provides an introduction to basic human anatomy and physiology and lays the foundation for application to nursing and midwifery practice.

Specific topics to be addressed include: the organisation of the human body, anatomical terms, cellular function, body tissues, homeostasis and anatomy and physiology of the cardiovascular, respiratory, integumentary, musculoskeletal, neurological and endocrine systems



Important information for students	Students select 8 units according to their intended major at ECU Any change of unit requires approval from the Course Coordinator	Entry into ECU Year 2										
<p>All Health Science students MUST meet the pre-practicum preparation requirements for clinical practice BEFORE entering ECU. In some cases, you may need to start six months before starting ECU classes. Due to ECU practicum requirements, Diploma graduates progressing to ECU for February intake require 3 years to complete the ECU component of their program unless they take a practicum during ECU summer school.</p> <p>For maximum advanced standing at ECU, students must complete all specified 8 units.</p> <p>ECC Diploma of Science (Nursing) requires an overall IELTS of 6.5 with no band less than 6.5. To articulate into ECU, students require an overall IELTS of 7.0 with no band less than 7.0.</p> <p>Upon successful completion of the Bachelor of Science (Nursing), with an IELTS 7.0 overall in all four bands students will be eligible to register with the Nursing and Midwifery Board of Australia which is a requirement to work in Australia as a nurse. For eligibility to work as a Nurse in Australia; <a href="http://www.nursingmidwiferyboard.gov.au">http://www.nursingmidwiferyboard.gov.au</a></p> <p>International students must study a full-time study load.</p> <p>ECC reserves the right to cancel classes due to insufficient demand. Timetable clashes may be unavoidable.</p>	<p>NCS1102D Professional Conduct and Communication</p> <p>MHS1101D Anatomy &amp; Physiology 1</p> <p>SCH1101D Cultural Studies</p> <p>PAC1100H Professional and Academic Communication (Health)</p> <p>NCS1202D Evidence Based Practice in Health Care</p> <table border="1" data-bbox="608 1249 1118 1695"> <thead> <tr> <th data-bbox="608 1249 852 1323">Nursing stream:</th> <th data-bbox="857 1249 1118 1323">Other streams:</th> </tr> </thead> <tbody> <tr> <td data-bbox="608 1330 852 1404">SCN1111D Health Science</td> <td data-bbox="857 1330 1118 1404">MHS1101D Anatomy &amp; Physiology 1</td> </tr> <tr> <td data-bbox="608 1411 852 1485">NUM1205D Legal &amp; Ethical Requirements in Nursing &amp; Midwifery Practice</td> <td data-bbox="857 1411 1118 1485">PSY1101D Introduction to Psychology</td> </tr> <tr> <td data-bbox="608 1491 852 1565">NSC1103D Clinical Sciences Introduction</td> <td data-bbox="857 1491 1118 1565">MHS1102D Anatomy &amp; Physiology 2</td> </tr> <tr> <td data-bbox="608 1572 852 1695">NUR1101D Nursing in the Australian Healthcare System</td> <td data-bbox="857 1572 1118 1695">MAT1114D Introductory Statistics</td> </tr> </tbody> </table>	Nursing stream:	Other streams:	SCN1111D Health Science	MHS1101D Anatomy & Physiology 1	NUM1205D Legal & Ethical Requirements in Nursing & Midwifery Practice	PSY1101D Introduction to Psychology	NSC1103D Clinical Sciences Introduction	MHS1102D Anatomy & Physiology 2	NUR1101D Nursing in the Australian Healthcare System	MAT1114D Introductory Statistics	<ul style="list-style-type: none"> <li>• Bachelor of Science (Exercise and Sports Science) - up to 3 units</li> <li>• Bachelor of Science (Nursing) - up to 7 units (up to 105 credit points)</li> <li>• Bachelor of Science (Biomedical Science) - up to 6 units (up to 90 credit points)</li> <li>• Bachelor of Psychology - up to 8 units (up to 120 credit points)</li> </ul>
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SCN1111D Health Science	MHS1101D Anatomy & Physiology 1											
NUM1205D Legal & Ethical Requirements in Nursing & Midwifery Practice	PSY1101D Introduction to Psychology											
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### Methods of Assessment at ECC

Methods of assessment may differ depending on the program and subjects you choose. Most subjects will be assessed through a combination of written examinations and assignments, essays, presentations, seminars and tutorial participation. Some coursework will include group-based projects and practical activities. At the beginning of each unit, students are given an outline that includes due dates for the completion of assignments. Students who fail to meet these submission deadlines may be penalised even though the work was completed. Attending all classes is essential in order to be successful at ECC. **Flyer is current as of 16 October 2020.**

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[facebook.com/EdithCowanCollege](https://facebook.com/EdithCowanCollege)

Edith Cowan College at  
 Edith Cowan University  
 Building 80, Joondalup Campus West  
 10 Injune Way  
 Joondalup WA 6027 Australia

T +61 8 6279 1100

F +61 8 6279 1111

E [info@edithcowancollege.edu.au](mailto:info@edithcowancollege.edu.au)

Edith Cowan College is part of the Navitas Group

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