

# DIPLOMA OF SCIENCE (HEALTH STUDIES) (YEAR 1)

The units you will study are designed to enhance your learning experience, and provide you with the underpinning knowledge necessary to prepare you for studies in Nursing or health related fields at university level. 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, and provides opportunities for scaffolded learning and the development of core academic and employability skills. Students who complete the Diploma of Science (Health Studies) (Year 1) will be eligible for entry into the Diploma of Science (Health Studies) (Year 2). A minimum of 50 percent pass in all units is required for progression.

## UNIT DESCRIPTORS

### **COM220 – Workplace Communication – Employability**

Students will identify, analyse and apply communication, social and intercultural skills for effective interpersonal and workplace relationships. This unit develops written skills, oral presentation skills and research skills, to prepare students for academic or professional environments. Students will make connections between learning and future employability through topics such as effective workplace relationships, negotiation, managing conflict, and skills for teamwork and leadership.

### **CPT107 – Introductory Computing**

This unit develops knowledge and skills in computing systems – software, hardware, digital security, communication networks, internet, information and data management. Students will develop their digital literacy and gain practical skills in specific computing applications from the Microsoft Office Suite. Students will also be introduced to very basic Java programming.

### **ELE100 – English Language Enhancement**

The aim of this English language unit is to enable you to improve the ability to communicate in English in order to participate effectively in academic and professional environments. A balance of receptive (reading, listening) and productive (speaking, writing) skills are developed through communicative classes and self-study. The unit will also provide language awareness tools to enable self-directed and ongoing learning.

### **SCN110 – Foundation Science**

This unit focuses on practical skills and a science background for entry into science-based courses at university level. Students are introduced to general scientific concepts in chemistry, physics and maths. It includes various levels of chemical and biochemical organisation (important to living systems); physics concepts (kinetic theory, thermodynamics, optics, motion, and radiation), experimentation, measurement and mathematical techniques relevant to the science professions.

### **COM210 – Communication Skills**

This unit introduces the foundations of academic writing – from library research using databases, selection of approved academic resources, to writing paragraphs and essays, using the APA referencing system and delivering oral presentations using multi-media. The unit also includes essential study skills to assist with time management, note-taking and the use of memory aids for study purposes.

### **PMG100 – Project Management**

This unit introduces concepts and skills used by managers to propose, plan, secure resources, budget and lead project teams to successful project completion. Students will examine and apply fundamental principles, strategies and approaches for project management in a variety of contexts that are universally applicable across organisations and project types. Students will explore project definition, planning, execution, basic feasibility models, management and control, procurement and implementation through a variety of practical tasks. Topics include quality, issue and risk management, project scope management, development strategies.

## Diploma of Science (Health Studies) (Year 1) continued

### CHE100 – Introductory Chemistry

This Chemistry unit is designed for students who wish to study engineering, physical sciences or health sciences at a tertiary level. It covers the study of matter and its interactions (chemical quantities, atoms, states, chemical bonding, chemical calculations, electronic and molecular structures, organic and inorganic chemistry). Students will develop skills in organising, analysing and interpreting information and use simulated activities to prepare for future laboratory work.

### MTH104 – Introductory Mathematics

This unit is designed for students who require a general mathematics background suitable for studies in business, health sciences and computing/IT courses. Students will learn to use a scientific calculator and develop critical thinking skills to identify, analyse, synthesise and solve mathematical calculations in arithmetic, statistics, algebra, functions and their graphs, optimisation, sequences, series, growth and decay, differential calculus, trigonometry, geometric sequences, series, set theory and interest.



Important information for students	Students will complete the units below:	Entry into ECC Diploma Year 2
<p>International students must study a full-time study load.</p> <p><b>Methods of assessment at ECC</b></p> <p>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.</p> <p>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.</p>	COM220 Workplace Communication – Employability	Diploma of Science (Health Studies) (Year 2)
	CPT107 Introductory Computing	
	ELE100 English Language Enhancement	
	SCN110 Foundation Science	
	COM210 Communication Skills	
	PMG100 Project Management	
	CHE100 Introductory Chemistry	
	MTH104 Introductory Mathematics	

ECC reserves the right to cancel classes due to insufficient demand. Timetable clashes may be unavoidable.  
**Flyer is current as of 12 February 2020.**

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