Course Structure: Health Science (Environmental Health) Course Code – M3R

Alternate years
^ Summer semester unit

Year 1

Semester 1	
CXA171	Cell Biology and Function
CXA103	Health: Determinants and Analysis
CXA100	Food Studies
KRA101	Chemistry 1A OR
KRA161	Chemistry for Life Sciences

Semester 2	
CXA102	Introduction to Health Sciences
CXA125	Introductory Biochemistry
CXA172	Anatomy and Physiology 1
CXA176	Microbiology and Health

Year 2

Semester 1	
CXA115#	Physics for Life Sciences
CXA213	Health Promotion – Food and Lifestyle
CXA216	Environmental Hazards
CXA273	Anatomy and Physiology 2

Semester 2	
CXA214#	Food Sciences and Practices
CXA302#	Environmental Microbiology, Infection Control and Regulation
CXA303#	Public Community and Environmental Health
	Elective

Year 3

Semester 1	
KLA394	Advanced Food Safety Management
CXA212	Pathology of Common Diseases
CXA306#	Waste, Land Use Planning and Environmental Management

Semester 2	
CXA305#^	Environmental Health Regulations
KGA213#^	Natural and Environmental Field Techniques
CXA386	Research and Topics in Health Science
	Management Unit

Year 4

Semester 1	
CXA408	Environmental Health Practicum 1
CXA409	Environmental Health Practicum 2
CXA411	Environmental Health Professional Project
CXA413#	Water: Supply, Treatment and Waste

Further Information

Uni Info Centre

For further information about admission or the courses offered by the University, please contact the Uni Info Centre: Freecall 1300 363 864

University of Tasmania
Locked Bag 1345, Launceston, Tasmania, Australia, 7250

Fax: (03) 6324 3026
Email: Course.Info@utas.edu.au
Email for admission enquiries: admissions@utas.edu.au
www.utas.edu.au

General information about starting university, application procedures, fees, accommodation and advice on course selection is available at www.utas.edu.au Select link to “Future Students”.

School of Human Life Sciences

School of Human Life Sciences
Locked Bag 1320, Launceston, Tasmania, Australia, 7250

Phone: 03 6324 5490 or 03 6324 5491, Fax: 03 6324 3658
Email: human.lifesciences@utas.edu.au
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or Christa.Moch@utas.edu.au
www.hls.utas.edu.au

UTAS FACULTY OF HEALTH SCIENCE
School of Human Life Sciences

CRICOS Provider Code: 00586B

Bachelor of **Health Science** (Environmental Health)

UTAS

FACULTY OF HEALTH SCIENCE

UNIVERSITY OF TASMANIA

The School of Human Life Sciences

The School of Human Life Sciences is based at the Launceston campus of the University of Tasmania and provides education in human biology and related life sciences from undergraduate to doctoral level. The School offers six undergraduate programs: Bachelor of Biomedical Science, Bachelor of Health Science, Bachelor of Health Science/Bachelor of Teaching, Bachelor of Exercise Science, Bachelor of Health Science (Environmental Health) and the Bachelor of Health Science/Bachelor of Medical Radiation Science (Medical Imaging). The School also offers a Postgraduate Diploma of Medical Laboratory Science for students with a previous degree in Health Science, Science or other health related disciplines. Honours, masters and doctoral level students conduct research related to nutrition and disease, neuropharmacology, antimicrobial resistance, exercise and molecular genetics.

Course Objectives

Environmental Health Officers (EHOs) are employed in industry and State and Local Government to monitor and maintain health standards in the areas of food, water and air quality, water and waste management, housing, occupational health and safety and environmental protection. This course has a strong emphasis on the understanding of health and disease and determinants of health and is designed to educate EHOs to work in industry and government, particularly local government.

Other career paths include research and development, training and education, and health services.

Career Outcomes

EHOs monitor and maintain health standards in relation to air, food and water quality, soil pollution, waste management, noise pollution, pest control, housing and the use of hazardous substances. Their expertise covers physical and biological sciences, an understanding of communities and relevant aspects of the law and administration.

The course is accredited by Environmental Health Australia (EHA) and is recognised by the Tasmanian Department of Health and Human Services and by other relevant Federal and State authorities. The focus is on preparing graduates who can immediately start work in the field. Graduates will have technical and theoretical expertise and the practical ability to anticipate future problems, critically evaluate reports and complex data, and deal with environmental health issues which may involve conflict between interested groups. Opportunities for employment are excellent and are increasing in breadth as the public becomes more aware of health and environmental issues and more demanding about health standards.

Professional Recognition

Graduates will be eligible for membership of Environmental Health Australia (EHA). In Tasmania the qualification will be recognised by the Director of Public Health as sufficient to become an "Authorised Officer" under the Public Health Act 1997 and Food Act 2003. As the course is accredited by the EHA, other states will similarly recognise the qualification for statutory purposes.

Environmental Health Practicum

Two practicum units (12.5% each) are required to fulfil the requirements for the degree. The practicum may be taken as part of a cadetship, as part of paid employment, or as a full or part time University of Tasmania student.

Practicum will normally be within a local government authority or in a State department (e.g. Department of Health and Human Services).

Students are required to complete a log book detailing experiences and competencies covered during their practicum.

Additionally, students produce a report detailing an investigative study of an environmental health issue, present an oral presentation and prepare an article for submission to a journal.

Entry Requirements

Minimum university requirements include Physical Science TQA3 or equivalent. An additional pretertiary Science or Mathematics is preferred.

A TER score of 75 is normally required.

It is anticipated that in some cases students with a higher TER score but without both of the subject prerequisites above may be considered on a case-by-case basis.

Applicants without prerequisites should enrol in Summer Foundation units KRA001 Chemistry Foundation, KMA003 Mathematics Foundation, or KYA004 Physics Foundation to meet prerequisite requirements. Contact the school for details.

Due to the practicum component there may be a quota applied on entry to this course.

Some units and practicum requirements will be outside normal university semesters.