



University of Pretoria Yearbook 2016

BScHons Environmental Health (10244023)

Duration of study 1 year

Total credits 125

Programme information

The following requirements are set:

- Advanced instruction by means of self-tuition, lectures and seminars.
- Students must pass the module TNM 800 Applied research methodology 800.
- Students must pass the module PHM 770 Learning in public health 770.
- Students must pass a research report (or project) that carries at least 30 credits.

Admission requirements

- A candidate must hold a bachelor's degree deemed acceptable by the head of department for the proposed field of study, or an equivalent qualification deemed acceptable by the Senate of the University for the proposed field of study, with at least one applicable biological subject as major subject.
- Admission to the study for an honours degree is subject to the approval of the head of department: with the proviso that a candidate who has obtained an average of less than 60% in the modules of his or her major subject in the final year of the bachelor's degree study, may only be admitted with the **Dean's approval**, on the recommendation of the head of department. Additional requirements may be set by the head of department.

Other programme-specific information

Students who want to specialise in environmental health need to enrol for ENV 785 and GGY 789 to replace EOH 771 and EOH 772.

Examinations and pass requirements

- i. The individual modules in each field of study must all be passed with a mark of at least 50% in each module, before a student may graduate in that field of study.
- ii. Each field of study has a specified, externally moderated, summative assessment that must also be passed before the student may graduate.

Pass with distinction

The degree is conferred with distinction on a student who has obtained an average of at least 75% in the summative assessment, as well as an average of at least 75% for the remaining components of the



curriculum (i.e. excluding the summative assessment mark).



Curriculum: Year 1

Minimum credits: 120

Core modules

Assignment in occupational health 770 (AOH 770)

Module credits	30.00
Prerequisites	No prerequisites.
Language of tuition	English
Academic organisation	Public Health Medicine
Period of presentation	Year

Basis in environmental health 770 (EHM 770)

Module credits	5.00
Prerequisites	No prerequisites.
Contact time	1 seminar per week, 1 practical per week, 1 discussion class per week, 1 other contact session per week, 1 lecture per week
Language of tuition	English
Academic organisation	Public Health Medicine
Period of presentation	Year

Health risk assessment 771 (EHM 771)

Module credits	10.00
Prerequisites	No prerequisites.
Contact time	1 practical per week, 16 lectures per week
Language of tuition	English
Academic organisation	School of Health Syst & Public
Period of presentation	Year

Introduction to environmental and occupational health 770 (EOH 770)

Module credits	10.00
Prerequisites	No prerequisites.
Contact time	1 practical per week, 1 other contact session per week, 16 lectures per week
Language of tuition	English
Academic organisation	Public Health Medicine
Period of presentation	Year



Environmental change 789 (GGY 789)

Module credits	15.00
Service modules	Faculty of Health Sciences
Prerequisites	No prerequisites.
Contact time	1 lecture per week, 2 discussion classes per week
Language of tuition	English
Academic organisation	Geography, Geoinf + Meteor
Period of presentation	Year

Module content

Study themes include past environmental change, causes and consequences of human-induced environmental change and South Africa and climate change.

Occupational health law 771 (HCL 771)

Module credits	10.00
Prerequisites	EOH 770
Contact time	16 lectures per week, 1 practical per week
Language of tuition	English
Academic organisation	School of Health Syst & Public
Period of presentation	Year

Managing occupational health services 773 (HCM 773)

Module credits	10.00
Prerequisites	EOH 770
Contact time	1 practical per week, 16 lectures per week
Language of tuition	English
Academic organisation	Public Health Medicine
Period of presentation	Year

Principles of occupational hygiene and toxicology 770 (OHT 770)

Module credits	10.00
Prerequisites	No prerequisites.
Contact time	1 practical per week, 16 lectures per week
Language of tuition	English
Academic organisation	School of Health Syst & Public
Period of presentation	Year



Learning in public health 770 (PHM 770)

Module credits	5.00
Prerequisites	No prerequisites.
Contact time	50 hours per week
Language of tuition	English
Academic organisation	School of Health Syst & Public
Period of presentation	Year

Module content

Special introduction to fundamentals in Executive Leadership in health
The emerging student will be taught the fundamentals in executive leadership in healthcare systems which will form the basic platform or foundation for understanding the challenges for application of leadership modalities at the different levels of healthcare service delivery in the public health service and how to begin to think and analyse how the principles of executive leadership at their level of appointment can improve health service delivery.

Applied research methodology 800 (TNM 800)

Module credits	5.00
Prerequisites	BOS 870
Language of tuition	English
Academic organisation	School of Health Syst & Public
Period of presentation	Year

Module content

*Attendance module only

Environmental assessments 785 (ENV 785)

Module credits	15.00
Service modules	Faculty of Health Sciences
Prerequisites	No prerequisites.
Contact time	5 lectures for period of one week, 5 practical sessions per week
Language of tuition	English
Academic organisation	Geography, Geoinf + Meteor
Period of presentation	Semester 1

Module content

The aim of this module is to understand the principles and processes behind environmental assessments. The module will give an overview of the history of assessments, compare assessment processes internationally, evaluate the strengths and weaknesses of different approaches, provide an overview of the South African regulatory context and the environmental authorisation process.



Environmental health examination 774 (EOH 774)

Module credits	1.00
Language of tuition	English
Academic organisation	School of Health Syst & Public
Period of presentation	Year



Curriculum: Final year

Minimum credits: 120

Core modules

Assignment in occupational health 770 (AOH 770)

Module credits	30.00
Prerequisites	No prerequisites.
Language of tuition	English
Academic organisation	Public Health Medicine
Period of presentation	Year

Basis in environmental health 770 (EHM 770)

Module credits	5.00
Prerequisites	No prerequisites.
Contact time	1 seminar per week, 1 practical per week, 1 discussion class per week, 1 other contact session per week, 1 lecture per week
Language of tuition	English
Academic organisation	Public Health Medicine
Period of presentation	Year

Health risk assessment 771 (EHM 771)

Module credits	10.00
Prerequisites	No prerequisites.
Contact time	1 practical per week, 16 lectures per week
Language of tuition	English
Academic organisation	School of Health Syst & Public
Period of presentation	Year

Introduction to environmental and occupational health 770 (EOH 770)

Module credits	10.00
Prerequisites	No prerequisites.
Contact time	1 practical per week, 1 other contact session per week, 16 lectures per week
Language of tuition	English
Academic organisation	Public Health Medicine
Period of presentation	Year



Environmental change 789 (GGY 789)

Module credits	15.00
Service modules	Faculty of Health Sciences
Prerequisites	No prerequisites.
Contact time	1 lecture per week, 2 discussion classes per week
Language of tuition	English
Academic organisation	Geography, Geoinf + Meteor
Period of presentation	Year

Module content

Study themes include past environmental change, causes and consequences of human-induced environmental change and South Africa and climate change.

Occupational health law 771 (HCL 771)

Module credits	10.00
Prerequisites	EOH 770
Contact time	16 lectures per week, 1 practical per week
Language of tuition	English
Academic organisation	School of Health Syst & Public
Period of presentation	Year

Managing occupational health services 773 (HCM 773)

Module credits	10.00
Prerequisites	EOH 770
Contact time	1 practical per week, 16 lectures per week
Language of tuition	English
Academic organisation	Public Health Medicine
Period of presentation	Year

Principles of occupational hygiene and toxicology 770 (OHT 770)

Module credits	10.00
Prerequisites	No prerequisites.
Contact time	1 practical per week, 16 lectures per week
Language of tuition	English
Academic organisation	School of Health Syst & Public
Period of presentation	Year



Learning in public health 770 (PHM 770)

Module credits	5.00
Prerequisites	No prerequisites.
Contact time	50 hours per week
Language of tuition	English
Academic organisation	School of Health Syst & Public
Period of presentation	Year

Module content

Special introduction to fundamentals in Executive Leadership in health

The emerging student will be taught the fundamentals in executive leadership in healthcare systems which will form the basic platform or foundation for understanding the challenges for application of leadership modalities at the different levels of healthcare service delivery in the public health service and how to begin to think and analyse how the principles of executive leadership at their level of appointment can improve health service delivery.

Applied research methodology 800 (TNM 800)

Module credits	5.00
Prerequisites	BOS 870
Language of tuition	English
Academic organisation	School of Health Syst & Public
Period of presentation	Year

Module content

*Attendance module only

Environmental assessments 785 (ENV 785)

Module credits	15.00
Service modules	Faculty of Health Sciences
Prerequisites	No prerequisites.
Contact time	5 lectures for period of one week, 5 practical sessions per week
Language of tuition	English
Academic organisation	Geography, Geoinf + Meteor
Period of presentation	Semester 1

Module content

The aim of this module is to understand the principles and processes behind environmental assessments. The module will give an overview of the history of assessments, compare assessment processes internationally, evaluate the strengths and weaknesses of different approaches, provide an overview of the South African regulatory context and the environmental authorisation process.



Environmental health examination 774 (EOH 774)

Module credits	1.00
Language of tuition	English
Academic organisation	School of Health Syst & Public
Period of presentation	Year

The information published here is subject to change and may be amended after the publication of this information. The [General Regulations \(G Regulations\)](#) apply to all faculties of the University of Pretoria. It is expected of students to familiarise themselves well with these regulations as well as with the information contained in the [General Rules](#) section. Ignorance concerning these regulations and rules will not be accepted as an excuse for any transgression.