

University of Pretoria Yearbook 2025

BScHons in Human Physiology specialising in Occupational Hygiene (10244027)

Department School of Health Systems and Public Health

Minimum duration of study 1 year

Total credits 120

NQF level 08

Programme information

The following requirements are set:

- Advanced instruction by means of self-tuition, lectures and seminars.
- Students must pass the module TNM 700 Applied research methodology 700.
- 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

1. Relevant bachelor's (or equivalent) degree with at least one applicable biological subject as a major
2. A weighted average of at least 60% in the biological science subjects/modules at final-year level

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: Final year

Minimum credits: 120

Core modules

Research project: Occupational health 772 (AOH 772)

Module credits	30.00
NQF Level	08
Prerequisites	No prerequisites.
Language of tuition	Module is presented in English
Department	School of Health Systems and Public Health
Period of presentation	Year

Basis in environmental health 772 (EHM 772)

Module credits	5.00
NQF Level	08
Prerequisites	No prerequisites.
Language of tuition	Module is presented in English
Department	School of Health Systems and Public Health
Period of presentation	Year

Health risk assessment 773 (EHM 773)

Module credits	10.00
NQF Level	08
Prerequisites	No prerequisites.
Language of tuition	Module is presented in English
Department	School of Health Systems and Public Health
Period of presentation	Year

Environmental and occupational hygiene measuring techniques 771 (EOH 771)

Module credits	20.00
NQF Level	08
Prerequisites	No prerequisites.
Language of tuition	Module is presented in English
Department	School of Health Systems and Public Health
Period of presentation	Year



Module content

The module involves the in depth study of environmental and occupational hygiene measuring techniques. The focus of this module is the theoretical principles and the practical application of measuring techniques used to conduct environmental and occupational hygiene surveys. Relevant standards and guidelines to determine legal compliance are also discussed. Students must also complete practical coursework in the air quality laboratory to obtain competency in occupational hygiene equipment, calculations and interpretation of occupational hygiene survey results. Students will have to take a competency test after completing all practical coursework.

Occupational health and safety legislation in South Africa 772 (EOH 772)

Module credits 10.00

NQF Level 08

Prerequisites No prerequisites.

Language of tuition Module is presented in English

Department School of Health Systems and Public Health

Period of presentation Year

Module content

The module involves the study of current relevant occupational health and safety legislation in South Africa. The focus is to enable learners to have a working knowledge of current Acts. Scenarios and case studies to illustrate the application of the Acts will be discussed.

Occupational hygiene examination 773 (EOH 773)

Module credits 0.00

NQF Level 08

Prerequisites No prerequisites.

Language of tuition Module is presented in English

Department School of Health Systems and Public Health

Period of presentation Year

Introduction to environmental and occupational health 775 (EOH 775)

Module credits 10.00

NQF Level 08

Prerequisites No prerequisites.

Language of tuition Module is presented in English

Department School of Health Systems and Public Health

Period of presentation Year

Occupational health law 772 (HCL 772)

Module credits 10.00

NQF Level	08
Prerequisites	EOH 775
Language of tuition	Module is presented in English
Department	School of Health Systems and Public Health
Period of presentation	Year

Managing occupational health services 775 (HCM 775)

Module credits	10.00
NQF Level	08
Prerequisites	EOH 775
Language of tuition	Module is presented in English
Department	School of Health Systems and Public Health
Period of presentation	Year

Principles of occupational hygiene and toxicology 772 (OHT 772)

Module credits	10.00
NQF Level	08
Language of tuition	Module is presented in English
Department	School of Health Systems and Public Health
Period of presentation	Year

Learning in public health 773 (PHM 773)

Module credits	5.00
NQF Level	08
Language of tuition	Module is presented in English
Department	School of Health Systems and Public Health
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 700 (TNM 700)

Module credits	0.00
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NQF Level	08
Language of tuition	Module is presented in English
Department	School of Medicine
Period of presentation	Semester 1

Module content

*Attendance module only.

General Academic Regulations and Student Rules

The [General Academic Regulations \(G Regulations\)](#) and [General Student Rules](#) apply to all faculties and registered students of the University, as well as all prospective students who have accepted an offer of a place at the University of Pretoria. On registering for a programme, the student bears the responsibility of ensuring that they familiarise themselves with the General Academic Regulations applicable to their registration, as well as the relevant faculty-specific and programme-specific regulations and information as stipulated in the relevant yearbook. Ignorance concerning these regulations will not be accepted as an excuse for any transgression, or basis for an exception to any of the aforementioned regulations. The G Regulations are updated annually and may be amended after the publication of this information.

Regulations, degree requirements and information

The faculty regulations, information on and requirements for the degrees published here are subject to change and may be amended after the publication of this information.

University of Pretoria Programme Qualification Mix (PQM) verification project

The higher education sector has undergone an extensive alignment to the Higher Education Qualification Sub-Framework (HEQSF) across all institutions in South Africa. In order to comply with the HEQSF, all institutions are legally required to participate in a national initiative led by regulatory bodies such as the Department of Higher Education and Training (DHET), the Council on Higher Education (CHE), and the South African Qualifications Authority (SAQA). The University of Pretoria is presently engaged in an ongoing effort to align its qualifications and programmes with the HEQSF criteria. Current and prospective students should take note that changes to UP qualification and programme names, may occur as a result of the HEQSF initiative. Students are advised to contact their faculties if they have any questions.