

# University of Pretoria Yearbook 2016

## BScHons Occupational Hygiene (10244022)

**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.

### 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: 125

### Core modules

#### Assignment in occupational health 770 (AOH 770)

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

#### Basis in environmental health 770 (EHM 770)

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

#### Health risk assessment 771 (EHM 771)

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

#### Introduction to environmental and occupational health 770 (EOH 770)

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



### Occupational health law 771 (HCL 771)

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

### Managing occupational health services 773 (HCM 773)

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

### Principles of occupational hygiene and toxicology 770 (OHT 770)

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

### Learning in public health 770 (PHM 770)

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

## Occupational Hygiene examination 773 (EOH 773)

**Module credits** 1.00

**Language of tuition** English

**Academic organisation** School of Health Syst & Public

**Period of presentation** Year

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

**Module credits** 10.00

**Language of tuition** English

**Academic organisation** School of Health Syst & Public

**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.

## Environmental and occupational hygiene measuring techniques 771 (EOH 771)

**Module credits** 20.00

**Language of tuition** English

**Academic organisation** School of Health Syst & Public

**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.

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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.