

# University of Pretoria Yearbook 2017

## BScHons Occupational Hygiene (10244025)

**Duration of study** 1 year

**Total credits** 120

### 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.
- The prerequisites for admission to the honours degree in certain fields of study are indicated in the syllabuses of the specific department.
- Also consult General Regulations.

### 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

#### Occupational hygiene examination 773 (EOH 773)

|                               |                                |
|-------------------------------|--------------------------------|
| <b>Module credits</b>         | 0.00                           |
| <b>Language of tuition</b>    | Module is presented in English |
| <b>Academic organisation</b>  | School of Health Syst & Public |
| <b>Period of presentation</b> | Year                           |

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

|                               |                                |
|-------------------------------|--------------------------------|
| <b>Module credits</b>         | 10.00                          |
| <b>Language of tuition</b>    | Module is presented in English |
| <b>Academic organisation</b>  | School of Health Syst & Public |
| <b>Period of presentation</b> | 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)

|                               |                                |
|-------------------------------|--------------------------------|
| <b>Module credits</b>         | 20.00                          |
| <b>Language of tuition</b>    | Module is presented in English |
| <b>Academic organisation</b>  | School of Health Syst & Public |
| <b>Period of presentation</b> | 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.

#### Basis in environmental health 772 (EHM 772)

|                               |                                |
|-------------------------------|--------------------------------|
| <b>Module credits</b>         | 5.00                           |
| <b>Language of tuition</b>    | Module is presented in English |
| <b>Academic organisation</b>  | Public Health Medicine         |
| <b>Period of presentation</b> | Year                           |

## Learning in public health 773 (PHM 773)

|                               |                                |
|-------------------------------|--------------------------------|
| <b>Module credits</b>         | 5.00                           |
| <b>Language of tuition</b>    | Module is presented in 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.

## Managing occupational health services 775 (HCM 775)

|                               |                                |
|-------------------------------|--------------------------------|
| <b>Module credits</b>         | 10.00                          |
| <b>Prerequisites</b>          | EOH 775                        |
| <b>Language of tuition</b>    | Module is presented in English |
| <b>Academic organisation</b>  | Public Health Medicine         |
| <b>Period of presentation</b> | Year                           |

## Introduction to environmental and occupational health 775 (EOH 775)

|                               |                                |
|-------------------------------|--------------------------------|
| <b>Module credits</b>         | 10.00                          |
| <b>Language of tuition</b>    | Module is presented in English |
| <b>Academic organisation</b>  | Public Health Medicine         |
| <b>Period of presentation</b> | Year                           |

## Occupational health law 772 (HCL 772)

|                               |                                |
|-------------------------------|--------------------------------|
| <b>Module credits</b>         | 10.00                          |
| <b>Prerequisites</b>          | EOH 775                        |
| <b>Language of tuition</b>    | Module is presented in English |
| <b>Academic organisation</b>  | School of Health Syst & Public |
| <b>Period of presentation</b> | Year                           |

## Principles of occupational hygiene and toxicology 771 (OHT 771)

|                               |                                |
|-------------------------------|--------------------------------|
| <b>Module credits</b>         | 10.00                          |
| <b>Language of tuition</b>    | Module is presented in English |
| <b>Academic organisation</b>  | School of Health Syst & Public |
| <b>Period of presentation</b> | Year                           |

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### Health risk assessment 773 (EHM 773)

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|-------------------------------|--------------------------------|
| <b>Module credits</b>         | 10.00                          |
| <b>Language of tuition</b>    | Module is presented in English |
| <b>Academic organisation</b>  | School of Health Syst & Public |
| <b>Period of presentation</b> | Year                           |

### Research project: Occupational health 771 (AOH 771)

|                               |                                |
|-------------------------------|--------------------------------|
| <b>Module credits</b>         | 30.00                          |
| <b>Language of tuition</b>    | Module is presented in English |
| <b>Academic organisation</b>  | Public Health Medicine         |
| <b>Period of presentation</b> | Year                           |

### Applied research methodology 700 (TNM 700)

|                               |                                |
|-------------------------------|--------------------------------|
| <b>Module credits</b>         | 0.00                           |
| <b>Language of tuition</b>    | Module is presented in English |
| <b>Academic organisation</b>  | School of Medicine             |
| <b>Period of presentation</b> | Year                           |

#### Module content

\*Attendance module only.

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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.