

BACCALAUREUS TECHNOLOGIAE: ENVIRONMENTAL HEALTH

Qualification code: BTEH95 - NQF Level 7

Campus where offered: Pretoria Campus

Important notification to new applicants:

Students who intend to enrol for this qualification should take note that no new applications will be accepted as from 2020. Potential students are advised to consult the University's website for possible new qualifications which are aligned with the newly-implemented Higher Education Qualification Sub-Framework.

REMARKS

- a. *Admission requirement(s):*
A National Diploma: Environmental/Public Health or an NQF Level 6 bachelor's degree in Environmental/Public Health from a South African university.

Holders of any other equivalent South African or international qualifications may also be considered, but will have to apply about six months in advance for the recognition of such qualifications. Candidates will be required to submit an evaluation of their qualifications by the South African Qualifications Authority (SAQA) with their application forms for admission. The Faculty reserves the right to assess these qualifications and the applicant's suitability/competence for admission to the programme. Proof of English proficiency may be required. Depending on the nature of such an equivalent qualification, the completion of certain additional subjects may be required.
- b. *Selection criteria:*
Selection is based on an assessment by a departmental selection panel.
- c. *Minimum duration:*
One year.
- d. *Presentation:*
Block-mode classes offered over a period of two years.
- e. *Intake for the qualification:*
January only.
- f. *Exclusion and readmission:*
See Chapter 2 of Students' Rules and Regulations.
- g. *Recognition of Prior Learning (RPL), equivalence and status:*
See Chapter 30 of Students' Rules and Regulations.
- h. *Special rules and regulations:*
Unless otherwise stipulated, special rules and regulations apply to students who register for this qualification. Students should familiarise themselves with those rules and regulations.
- i. *Subject credits:*
Subject credits are shown in brackets after each subject.

CURRICULUM

YEAR SUBJECTS

CODE	SUBJECT	CREDIT
MPT400B	Management Practice IV	(0,220)



RMD100F Research Methodology (0,180)

plus two of the following subjects

AIP400T Air Pollution IV (0,300)

ENP400T Environmental Epidemiology (0,300)

FHY410T Food Hygiene IV (0,300)

OHS400T Occupational Health and Safety IV (0,300)

WMG400T Waste Management IV (0,300)

TOTAL CREDITS FOR THE QUALIFICATION: **1,000**

SUBJECT/MODULE INFORMATION (OVERVIEW OF SYLLABUS)

The syllabus content is subject to change to accommodate industry changes. Please note that a more detailed syllabus is available at the Department or in the study guide that is applicable to a particular subject/module. On 01 August 2017, the syllabus content was defined as follows:

A

AIR POLLUTION IV (AIP400T) 1 X 3-HOUR PAPER

(Subject custodian: Department of Environmental Health)

Sources, control methods and apparatus, legislation, measuring of air pollutants, incinerators, climatology, odor control radio-activity, and analysis of air pollutants. (Total tuition time: ± 120 hours)

E

ENVIRONMENTAL EPIDEMIOLOGY (ENP400T) 1 X 3-HOUR PAPER

(Subject custodian: Department of Environmental Health)

An introduction to ecotoxicology and risk factor analysis. Case studies, practical research project. (Total tuition time: ± 120 hours)

F

FOOD HYGIENE IV (FHY410T) CONTINUOUS ASSESSMENT

(Subject custodian: Department of Environmental Health)

Biochemistry, food poisoning, food preservation, processing, contamination, spoilage and inspection. Food microbiology, food engineering (design and apparatus), planning of food premises, evaluation and laboratory. Practical. (Total tuition time: ± 228 hours)

M

MANAGEMENT PRACTICE IV (MPT400B) 1 X 3-HOUR PAPER

(Subject custodian: Department of Environmental Health)

Rendering of health services, advanced financial management, advanced personnel management, public relations and contemporary health matters. (Total tuition time: ± 228 hours)

O

OCCUPATIONAL HEALTH AND SAFETY IV (OHS400T) 1 X 3-HOUR PAPER

(Subject custodian: Department of Environmental Health)

Control and physical, biological, psychological, chemical and ergonomic stresses. Occupational health and safety audit, legislation and management. (Total tuition time: ± 168 hours)



R**RESEARCH METHODOLOGY (RMD100F)****CONTINUOUS ASSESSMENT****(Subject custodian: Department of Environmental Health)**

Methodology: methods, data collection, reporting, interaction between supervisor and student, writing of research articles. Statistical methods: measurement scales, graphic representation, correlation and regression, arrangement of data testing, hypotheses, variance analysis. (Total tuition time: ± 228 hours)

W**WASTE MANAGEMENT IV (WMG400T)****1 X 3-HOUR PAPER****(Subject custodian: Department of Environmental Health)**

Sources of waste, composition and analysis, quantification of waste, nuisance, dumping, method for treatment of waste, indicators to determine health risks, techno-economical studies, safety, the health risks of waste to humans, legislation. (Total tuition time: ± 120 hours)

