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# University of Pretoria Yearbook 2017

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## MMed Public Health Medicine (10250373)

**Duration of study** 4 years

**Total credits** 480

### Programme information

A dissertation (GGS 891 Dissertation – 180 credits) on an approved research project must be passed in addition to the major subject and prerequisites. The stipulations of the General Regulations regarding the preparation and submission, the technical editing and the résumé of the dissertation apply.

### Admission requirements

- A prospective student for the MMed degree programme must be in possession of the MBChB degree of this University or a qualification deemed by the University to be equivalent to the MBChB degree for at least two years. In addition, such a student must be registered as a physician with the Health Professions Council of South Africa for at least one year.

International students must have qualifications verified by SAQA. Contact department before applying for government positions. Contact department before application.

### Additional requirements

**Each student must prove to the University that he or she**

- i. has successfully filled the required full-time training post for a period of four years according to the requirements of the Department of Public Health Medicine.
- ii. has completed the theoretical and practical applicable training as stipulated; and
- iii. has passed the prescribed written, oral and/or practical university examinations or equivalent primary Colleges of Medicine of South Africa examinations.

### Other programme-specific information

**Please note:** All MMed students must register for, and attend (TNM 800) Applied research methodology, satisfactorily.

“Major subject” refers to the recognised field of study in Medicine in which the student specialises. The study of the major subject extends over four years, as prescribed by the Department of Public Health Medicine.

### Examinations and pass requirements

- i. The sequence of the examinations in the prerequisite subjects will be determined by the head of the department of Public Health Medicine.

- ii. The final exit examination for the major subject will be conducted by the Colleges of Medicine of South Africa. Only candidates who have met all the requirements for the MMed(Public Health Medicine) degree except for the major subject, i.e. passed all prerequisite subjects, completed all applicable training as prescribed in Reg. P.3(c) and completed the required research component for the degree in accordance with the Faculty Yearbook regulations, i.e. TNM 800 and the dissertation (GGS 890) will be allowed to write the Colleges of Medicine of South Africa exit examination.
- iii. A minimum final mark of 50% is required to pass in a subject.
- iv. A student is not admitted to the examination in a prerequisite subject (second examinations excluded) more than twice, nor is he or she admitted to the examination in the major subject more than twice.

### **Second examinations**

Second examinations in the prerequisite subjects will only be held after at least six months have elapsed since the conclusion of the examination in which the student had failed.

## Exemption

- i. The Faculty Board may grant partial exemption from the training and work mentioned earlier on the grounds of comparable training and experience completed in another post or at another recognised institution – with the proviso that exemption from a maximum period of 18 months may be granted in the case of a four-year programme such as the MMed (Public Health Medicine) degree programme.
- ii. Exemption from a maximum of two years' Public Health Medicine training may be granted in the Department of Public Health Medicine in respect of the MMed(Public Health Medicine) degree, to a candidate already in possession of a Fellowship of the College of Public Health Medicine or a Fellowship of the College of Occupational Health Medicine of the Colleges of Medicine of South Africa. Such a candidate must have completed a period of at least 24 months of registrar training in Public Health Medicine or in Occupational Health Medicine that is recorded as such by the HPCSA.

## Practical/clinical/internship information

Registrars in Public Health Medicine are expected to undergo rotational attachment to a number of designated health service organisations during their period of training.

## Research information

A dissertation on an approved research project must be passed in addition to the major subject and prerequisites. The stipulations of the General Regulations regarding the preparation and submission, the technical editing and the résumé of the dissertation apply.

## Pass with distinction

The degree is conferred at the end of the prescribed training period, i.e. four years. The degree is conferred with distinction on a student who has obtained a final mark of at least 75% in his or her major subject.



## Curriculum: Year 1

### Core modules

#### Administrative theory and health related social sciences 800 (ASW 800)

<b>Module credits</b>	50.00
<b>Prerequisites</b>	No prerequisites.
<b>Language of tuition</b>	Module is presented in English
<b>Academic organisation</b>	Public Health Medicine
<b>Period of presentation</b>	Year

#### Module content

This module involves the theory of leadership and organisational models in health, health systems and their planning, management and evaluation. Knowledge and application of relevant national and key international health policies and legislation. Knowledge and skills in health economics and financing, psychology, medical sociology and sociological models of health, health promotion and social marketing. Knowledge and application of qualitative research methodologies. Knowledge and skills in occupational hygiene, occupational medicine and management of an occupational health service.

#### Epidemiology theory, biostatistics and demography 800 (EBD 800)

<b>Module credits</b>	50.00
<b>Prerequisites</b>	No prerequisites.
<b>Language of tuition</b>	Module is presented in English
<b>Academic organisation</b>	Public Health Medicine
<b>Period of presentation</b>	Year

#### Module content

This module covers the principles of basic and applied Epidemiology, e.g. quantitative research methodologies, infectious diseases epidemiology, clinical epidemiology and epidemiology for occupational health. The principles of biostatistics and the use of STATA software for management and analysis of datasets. The principles of demography and interpretation and utilisation of demographic data. Health information systems.

#### Public health medicine 800 (GGS 800)

<b>Module credits</b>	150.00
<b>Prerequisites</b>	Subject to passing EBD 800, ONO 800 and ASW 800 and to the fulfilment of the College of Public Health Medicine requirements for entry to the College examinations
<b>Language of tuition</b>	Module is presented in English
<b>Academic organisation</b>	Public Health Medicine
<b>Period of presentation</b>	Year



### Module content

The final exit examination GGS 800 will be conducted by the Colleges of Medicine of South Africa. The content of GGS 800 is therefore as determined by the current regulations and curriculum of the College of Public Health Medicine, a constituent member of the Colleges of Medicine of South Africa.

### Communicable and non-communicable health-related conditions 800 (ONO 800)

<b>Module credits</b>	50.00
<b>Prerequisites</b>	No prerequisites.
<b>Language of tuition</b>	Module is presented in English
<b>Academic organisation</b>	Public Health Medicine
<b>Period of presentation</b>	Year

### Module content

This module covers the principles of disease prevention and control and addresses a broad scope of communicable and non-communicable diseases. Surveillance systems and their applications.

### Applied research methodology 802 (TNM 802)

<b>Module credits</b>	0.00
<b>Language of tuition</b>	Module is presented in English
<b>Academic organisation</b>	Health Sciences Dean's Office
<b>Period of presentation</b>	Year

### Module content

\*Attendance module only.

### Dissertation: Public health medicine 891 (GGS 891)

<b>Module credits</b>	180.00
<b>Language of tuition</b>	Module is presented in English
<b>Academic organisation</b>	Public Health Medicine
<b>Period of presentation</b>	Year



## Curriculum: Year 2

### Core modules

#### Administrative theory and health related social sciences 800 (ASW 800)

<b>Module credits</b>	50.00
<b>Prerequisites</b>	No prerequisites.
<b>Language of tuition</b>	Module is presented in English
<b>Academic organisation</b>	Public Health Medicine
<b>Period of presentation</b>	Year

#### Module content

This module involves the theory of leadership and organisational models in health, health systems and their planning, management and evaluation. Knowledge and application of relevant national and key international health policies and legislation. Knowledge and skills in health economics and financing, psychology, medical sociology and sociological models of health, health promotion and social marketing. Knowledge and application of qualitative research methodologies. Knowledge and skills in occupational hygiene, occupational medicine and management of an occupational health service.

#### Epidemiology theory, biostatistics and demography 800 (EBD 800)

<b>Module credits</b>	50.00
<b>Prerequisites</b>	No prerequisites.
<b>Language of tuition</b>	Module is presented in English
<b>Academic organisation</b>	Public Health Medicine
<b>Period of presentation</b>	Year

#### Module content

This module covers the principles of basic and applied Epidemiology, e.g. quantitative research methodologies, infectious diseases epidemiology, clinical epidemiology and epidemiology for occupational health. The principles of biostatistics and the use of STATA software for management and analysis of datasets. The principles of demography and interpretation and utilisation of demographic data. Health information systems.

#### Public health medicine 800 (GGS 800)

<b>Module credits</b>	150.00
<b>Prerequisites</b>	Subject to passing EBD 800, ONO 800 and ASW 800 and to the fulfilment of the College of Public Health Medicine requirements for entry to the College examinations
<b>Language of tuition</b>	Module is presented in English
<b>Academic organisation</b>	Public Health Medicine
<b>Period of presentation</b>	Year



### Module content

The final exit examination GGS 800 will be conducted by the Colleges of Medicine of South Africa. The content of GGS 800 is therefore as determined by the current regulations and curriculum of the College of Public Health Medicine, a constituent member of the Colleges of Medicine of South Africa.

### Communicable and non-communicable health-related conditions 800 (ONO 800)

<b>Module credits</b>	50.00
<b>Prerequisites</b>	No prerequisites.
<b>Language of tuition</b>	Module is presented in English
<b>Academic organisation</b>	Public Health Medicine
<b>Period of presentation</b>	Year

### Module content

This module covers the principles of disease prevention and control and addresses a broad scope of communicable and non-communicable diseases. Surveillance systems and their applications.

### Applied research methodology 802 (TNM 802)

<b>Module credits</b>	0.00
<b>Language of tuition</b>	Module is presented in English
<b>Academic organisation</b>	Health Sciences Dean's Office
<b>Period of presentation</b>	Year

### Module content

\*Attendance module only.

### Dissertation: Public health medicine 891 (GGS 891)

<b>Module credits</b>	180.00
<b>Language of tuition</b>	Module is presented in English
<b>Academic organisation</b>	Public Health Medicine
<b>Period of presentation</b>	Year



## Curriculum: Year 3

### Core modules

#### Administrative theory and health related social sciences 800 (ASW 800)

<b>Module credits</b>	50.00
<b>Prerequisites</b>	No prerequisites.
<b>Language of tuition</b>	Module is presented in English
<b>Academic organisation</b>	Public Health Medicine
<b>Period of presentation</b>	Year

#### Module content

This module involves the theory of leadership and organisational models in health, health systems and their planning, management and evaluation. Knowledge and application of relevant national and key international health policies and legislation. Knowledge and skills in health economics and financing, psychology, medical sociology and sociological models of health, health promotion and social marketing. Knowledge and application of qualitative research methodologies. Knowledge and skills in occupational hygiene, occupational medicine and management of an occupational health service.

#### Epidemiology theory, biostatistics and demography 800 (EBD 800)

<b>Module credits</b>	50.00
<b>Prerequisites</b>	No prerequisites.
<b>Language of tuition</b>	Module is presented in English
<b>Academic organisation</b>	Public Health Medicine
<b>Period of presentation</b>	Year

#### Module content

This module covers the principles of basic and applied Epidemiology, e.g. quantitative research methodologies, infectious diseases epidemiology, clinical epidemiology and epidemiology for occupational health. The principles of biostatistics and the use of STATA software for management and analysis of datasets. The principles of demography and interpretation and utilisation of demographic data. Health information systems.

#### Public health medicine 800 (GGS 800)

<b>Module credits</b>	150.00
<b>Prerequisites</b>	Subject to passing EBD 800, ONO 800 and ASW 800 and to the fulfilment of the College of Public Health Medicine requirements for entry to the College examinations
<b>Language of tuition</b>	Module is presented in English
<b>Academic organisation</b>	Public Health Medicine
<b>Period of presentation</b>	Year



### Module content

The final exit examination GGS 800 will be conducted by the Colleges of Medicine of South Africa. The content of GGS 800 is therefore as determined by the current regulations and curriculum of the College of Public Health Medicine, a constituent member of the Colleges of Medicine of South Africa.

### Communicable and non-communicable health-related conditions 800 (ONO 800)

<b>Module credits</b>	50.00
<b>Prerequisites</b>	No prerequisites.
<b>Language of tuition</b>	Module is presented in English
<b>Academic organisation</b>	Public Health Medicine
<b>Period of presentation</b>	Year

### Module content

This module covers the principles of disease prevention and control and addresses a broad scope of communicable and non-communicable diseases. Surveillance systems and their applications.

### Applied research methodology 802 (TNM 802)

<b>Module credits</b>	0.00
<b>Language of tuition</b>	Module is presented in English
<b>Academic organisation</b>	Health Sciences Dean's Office
<b>Period of presentation</b>	Year

### Module content

\*Attendance module only.

### Dissertation: Public health medicine 891 (GGS 891)

<b>Module credits</b>	180.00
<b>Language of tuition</b>	Module is presented in English
<b>Academic organisation</b>	Public Health Medicine
<b>Period of presentation</b>	Year





## Curriculum: Final year

### Core modules

#### Administrative theory and health related social sciences 800 (ASW 800)

<b>Module credits</b>	50.00
<b>Prerequisites</b>	No prerequisites.
<b>Language of tuition</b>	Module is presented in English
<b>Academic organisation</b>	Public Health Medicine
<b>Period of presentation</b>	Year

#### Module content

This module involves the theory of leadership and organisational models in health, health systems and their planning, management and evaluation. Knowledge and application of relevant national and key international health policies and legislation. Knowledge and skills in health economics and financing, psychology, medical sociology and sociological models of health, health promotion and social marketing. Knowledge and application of qualitative research methodologies. Knowledge and skills in occupational hygiene, occupational medicine and management of an occupational health service.

#### Epidemiology theory, biostatistics and demography 800 (EBD 800)

<b>Module credits</b>	50.00
<b>Prerequisites</b>	No prerequisites.
<b>Language of tuition</b>	Module is presented in English
<b>Academic organisation</b>	Public Health Medicine
<b>Period of presentation</b>	Year

#### Module content

This module covers the principles of basic and applied Epidemiology, e.g. quantitative research methodologies, infectious diseases epidemiology, clinical epidemiology and epidemiology for occupational health. The principles of biostatistics and the use of STATA software for management and analysis of datasets. The principles of demography and interpretation and utilisation of demographic data. Health information systems.

#### Public health medicine 800 (GGS 800)

<b>Module credits</b>	150.00
<b>Prerequisites</b>	Subject to passing EBD 800, ONO 800 and ASW 800 and to the fulfilment of the College of Public Health Medicine requirements for entry to the College examinations
<b>Language of tuition</b>	Module is presented in English
<b>Academic organisation</b>	Public Health Medicine
<b>Period of presentation</b>	Year



### Module content

The final exit examination GGS 800 will be conducted by the Colleges of Medicine of South Africa. The content of GGS 800 is therefore as determined by the current regulations and curriculum of the College of Public Health Medicine, a constituent member of the Colleges of Medicine of South Africa.

### Communicable and non-communicable health-related conditions 800 (ONO 800)

<b>Module credits</b>	50.00
<b>Prerequisites</b>	No prerequisites.
<b>Language of tuition</b>	Module is presented in English
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<b>Period of presentation</b>	Year

### Module content

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### Applied research methodology 802 (TNM 802)

<b>Module credits</b>	0.00
<b>Language of tuition</b>	Module is presented in English
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\*Attendance module only.

### Dissertation: Public health medicine 891 (GGS 891)

<b>Module credits</b>	180.00
<b>Language of tuition</b>	Module is presented in English
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<b>Period of presentation</b>	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.