MSc Aerospace Medicine (10253252)

Minimum duration of study	1 year
Total credits	180

Admission requirements

Subject to the stipulations of the General Regulations, a four-year bachelor's degree is required or an honours degree or in the case of a three-year bachelor's degree also applicable practical (work) experience as prescribed by the University plus any other additional work deemed necessary by the head of department: With the proviso that the head of department will have the discretion to decide whether the prerequisite qualification or the qualification plus work experience would be acceptable for admission to the proposed field of study.

For admission to the field of study of Aerospace Medicine, an honours degree in Aerospace Medicine or another applicable honours degree is required.

All MSc students must register for, and attend (TNM 800) Applied research methodology 800 satisfactorily. (Exemption may be granted if the module has already been passed for the BScHons degree.) Also consult General Regulations.

Contact department before application.

Additional requirements

All MSc students must register for, and attend (TNM 802) Applied research methodology 802 satisfactorily. (Exemption may be granted if the module has already been passed for the BScHons degree.) However, MSc(Pharamacology) students must register for FAR 872 instead of TNM 802.

Also consult General Regulations.

Other programme-specific information

Subject to the stipulations of the General Regulations, the Chairperson of the School may, in consultation with the head of department, approve a fixed limited extension of the period on the grounds of extraordinary circumstances.

Examinations and pass requirements

i. The minimum pass mark for a module is 50%.
ii. The prescribed modules must be passed independently of each other.
iii. Second examinations in the modules are arranged by the head of department, within a period of time specified by him or her.
iv. No second examinations will be granted in modules in which less than 40% has been obtained. Instead, the

module must be repeated in its entirety.

v. Only with the approval of the Chairperson of the School, on the recommendation of the head of department, will a student be allowed to continue his or her studies after having failed two modules (or the same module twice).

Research information

Research protocol
After registration, a student is required to submit a complete research protocol regarding the proposed dissertation to the Academic Advisory Committee and if necessary, also to the Ethics Committee for approval.

Dissertation
A dissertation on an approved research project must be passed in addition to the coursework. The stipulations of the General Regulations regarding the preparation and submission, the technical editing and the résumé of the dissertation apply.
A systematic literature review (Cochrane type) on an approved subject, which is undertaken in such a manner that bias in minimised, may be presented as an alternative to the dissertation for awarding the MSc degree, provided that the module CLI 870 Principles of clinical epidemiology has been successfully completed. It requires, inter alia, a research protocol with clearly formulated objectives and methods. Inclusion and exclusion methods for the study must be determined. Where applicable, the data must be summarised (meta analysis), with applicable statistical methods.

Pass with distinction

The average mark of the modules, weighted in respect of the number of credits acquired for each individual module, will be the final mark (%) of the coursework.

The degree is conferred with distinction on a student who obtains an average mark of at least 75% in the coursework, as well as a final mark of at least 75% for the dissertation.

Curriculum: Final year

Minimum credits: 192

Core modules

Scientific writing 873 (HMS 873)

Module credits	0.00
Language of tuition	Module is presented in English
Department	School of Health System and Public Health
Period of presentation	Year

Scientific writing 873 (HMS 873)

Module credits	0.00
Language of tuition	Module is presented in English
Department	School of Health System and Public Health
Period of presentation	Year

Dissertation: Aerospace medicine 890 (LRG 890)

Module credits	180.00
Prerequisites	No prerequisites.
Language of tuition	Module is presented in English
Department	Division of Aerospace Medicine
Period of presentation	Year

Learning in public health 873 (PHM 873)

Module credits	0.00
Language of tuition	Module is presented in English
Department	School of Health System and Public Health
Period of presentation	Year

Module content

This is the first (one-week) module at the beginning of the year focusing on learning. At the end of this week, you will have a much better understanding of what you actually want to achieve in public health and what you need to learn to get there. You will probably also have changed your views on learning: from individual surface learning and memorization, to valuing deep learning often in a group context. Finally, you will have achieved the ability to use the ever-increasing knowledge in health, philosophy, and ethics that are generated on the internet to your own best advantage.

Applied research methodology 802 (TNM 802)

Module credits	0.00

Language of tuition	Module is presented in English
Department	Health Sciences Deans Office
Period of presentation	Year

Module content

*Attendance module only.

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.