

University of Pretoria Yearbook 2018

BScHons Biokinetics (10243025)

Minimum duration of study 1 year

Total credits 120

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Programme information

The following requirements are set for completing the programme:

- Advanced instruction by means of self-tuition and compulsory seminars on topics assigned to the student.
- Practical experience of the laboratory techniques used in the particular subsections of the subject.
- Taking part in a research project and presentation of an independent research report.
- Satisfactory attendance at a library-user course.

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.

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Examinations and pass requirements

- i. The examinations in the programme will consist of written papers of three hours in each subject, practical examinations of one hour, as well as an oral examination of 30 minutes.
- ii. The maximum period for completion of the honours degree, is two years in the case of full-time students and three years in the case of part-time students. In exceptional circumstances, a student may apply, in writing,



- to the head of department for an extension of the period of study.
- iii. To comply with the pass requirements for the degree, a student must obtain a final mark of at least 50% in each division as indicated, as well as a pass mark of at least 50% for the essay/work assignment (if applicable). The stipulations regarding pass requirements for dissertations in the General Regulations apply *mutatis mutandis* to essays.

Pass with distinction

The degree is conferred with distinction on a student who has obtained an average of at least 75% in the examination (written, oral, practical, etc).

Curriculum: Final year

Minimum credits: 120

Core modules

Biokinetics clinical practice II 718 (MBK 718)

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|------------------------|--------------------------------|
| Module credits | 40.00 |
| Contact time | 2 practicals per week |
| Language of tuition | Module is presented in English |
| Department | Biokinetics and Sports Science |
| Period of presentation | Year |

Module content

This module serves as the practical platform for students to acquire exposure to an experience in health promotion, the maintenance of physical abilities and final phase rehabilitation. This will be achieved by means of the practical application of scientifically based assessment and physical activity programme prescription for healthy and special populations. This module requires the student to meet the expected requirements stipulated by the Health Professions Council of South Africa and have accumulated 65 hours of Sport First aid.

Clinical exercise physiology 719 (MBK 719)

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|------------------------|--------------------------------|
| Module credits | 25.00 |
| Language of tuition | Module is presented in English |
| Department | Biokinetics and Sports Science |
| Period of presentation | Year |

Module content

The module examines exercise physiology from a biokinetics perspective and includes the normal and pathophysiology of bio-energetics, adaptation of the body systems, environmental influences, ergogenic aids and special considerations such as aging, gender, genetics and fatigue.

(1 hour contact time per week with work assignments for the following week).

Biokinetics 721 (MBK 721)

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|------------------------|---|
| Module credits | 25.00 |
| Contact time | 1 practical per week, 2 lectures per week |
| Language of tuition | Module is presented in English |
| Department | Biokinetics and Sports Science |
| Period of presentation | Year |

Module content

This module serves as the theoretical platform for students to acquire the knowledge and understanding of the role of the biokineticist in health promotion, the maintenance of physical abilities and final phase rehabilitation. This will be achieved by means of acquiring the knowledge and understanding of scientifically based assessment and physical activity programme prescription in healthy and special populations.

Research III 702 (NMR 702)

| | |
|-------------------------------|--------------------------------|
| Module credits | 30.00 |
| Prerequisites | None |
| Contact time | 1 lecture per week |
| Language of tuition | Module is presented in English |
| Department | Biokinetics and Sports Science |
| Period of presentation | Year |

Module content

In this module the focus will be on the execution of a research proposal and writing a research manuscript on the study executed, and the presentation of the research project which includes an introduction, literature survey, methodology, results and discussion, and conclusion and recommendations.

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.