University of Pretoria Yearbook 2021

BScHons Bioinformatics (02240702)

Department	Genetics
Minimum duration of study	1 year
Total credits	135
NQF level	08

Programme information

Renewal of registration

i. Subject to exceptions approved by the Dean, on the recommendation of the relevant head of department, a student may not sit for an examination for the honours degree more than twice in the same module.
ii. A student for an honours degree must complete his or her study, in the case of full-time students, within two years and, in the case of after-hours students, within three years of first registering for the degree. Under special circumstances, the Dean, on the recommendation of the relevant head of department, may give approval for a limited extension of this period.

In calculating marks, General Regulation G.12.2 applies.

Apart from the prescribed coursework, a research project is an integral part of the study.

Admission requirements

1. Relevant BSc degree
2. A weighted average of at least 60% at final-year level

Note: Additional modules may be required in order to reach the desired level of competency

Pass with distinction

The BScHons degree is awarded with distinction to a candidate who obtains a weighted average of at least 75% in all the prescribed modules and a minimum of 65% in any one module.

Curriculum: Final year

Minimum credits: 135

Core credits: 120

Elective credit: 15

Additional information:

Students with degrees in biological sciences should choose BME 780 as an elective. Students from computer science and other related backgrounds should choose BIF 704. Other additional modules may be prescribed for non-degree purposes to address shortcomings in a candidate's undergraduate training.

Core modules

Bioinformatics theory and applications 701 (BIF 701) - Credits: 30.00
Trends in bioinformatics and literature seminar 702 (BIF 702) - Credits: 15.00
Research project and report 703 (BIF 703) - Credits: 60.00
Molecular and cellular biology 721 (MLB 721) - Credits: 15.00

Elective modules

Introduction to molecular biology for bioinformatics 704 (BIF 704) - Credits: 15.00
Statistics for biological sciences 780 (BME 780) - Credits: 15.00

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.