



University of Pretoria Yearbook 2021

BScHons Human Genetics (10243073)

Department Human Genetics and Developmental Biology

Minimum duration of study 1 year

Total credits 120

NQF level 08

Programme information

The following requirements are set for completing the programme:

- Advanced instruction by means of self-tuition and four compulsory seminars of which at least one must be read to and defended before the department in question, on topics assigned to the student.
- Practical experience of the laboratory techniques used in the particular subsections of the subject.
- Attendance at the compulsory faculty module (TNM 700) Applied research methodology 700.
- Successful completion of the prescribed module (MBS 700) Medical biostatistics 700.
- Taking part in a research project and presentation of an independent research report.
- Satisfactory attendance at a library-user course.

Admission requirements

1. Relevant bachelor's (or equivalent) degree with at least one applicable biological subject as a major
2. A weighted average of at least 60% in the biological science subjects/modules at final-year level

Additional requirements

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.

Examinations and pass requirements

- i. The examination at the end of the programme will consist of two written papers of three hours each as well as an oral examination of 30 minutes.
- ii. For the field of specialisation Medical Physics, one examination of three hours is required in each of the theoretical modules. The mark awarded to the practical work will also be taken into account when the final mark is calculated.
- 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.



iv. Also consult General Regulation G.18 regarding Renewal of registration.

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

Medical biostatistics 700 (MBS 700)

Module credits	20.00
NQF Level	08
Contact time	1 lecture per week
Language of tuition	Module is presented in English
Department	Statistics
Period of presentation	Semester 1

Human genetics 700 (MGN 700)

Module credits	50.00
NQF Level	08
Prerequisites	No prerequisites.
Language of tuition	Module is presented in English
Department	Human Genetics and Developmental Biology
Period of presentation	Semester 2

Research report: Human genetics 790 (MGN 790)

Module credits	50.00
NQF Level	08
Prerequisites	No prerequisites.
Language of tuition	Module is presented in English
Department	Human Genetics and Developmental Biology
Period of presentation	Year

Applied research methodology 700 (TNM 700)

Module credits	0.00
NQF Level	08
Language of tuition	Module is presented in English
Department	School of Medicine
Period of presentation	Semester 1

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.