

# University of Pretoria Yearbook 2017

## Molecular and cell biology 111 (MLB 111)

**Qualification** Undergraduate

**Faculty** Faculty of Natural and Agricultural Sciences

**Module credits** 16.00

**Programmes** BEd Senior Phase and Further Education and Training Teaching

BSc Computer Science

BSc Information and Knowledge Systems

BChD

BDietetics

MBChB

BSc Biochemistry

BSc Biological Sciences

BSc Biotechnology

BSc Chemistry

BSc Culinary Science

BSc Ecology

BSc Entomology

BSc Environmental Sciences

BSc Food Science

BSc Genetics

BSc Human Genetics

BSc Human Physiology

BSc Human Physiology, Genetics and Psychology

BSc Medical Sciences

BSc Microbiology

BSc Nutrition

BSc Plant Science

BSc Zoology

BScAgric Agricultural Economics and Agribusiness Management

BScAgric Animal and Pasture Science

BScAgric Animal Science

BScAgric Applied Plant and Soil Sciences

BScAgric Plant Pathology

BVSc

**Service modules**

Faculty of Engineering, Built Environment and Information Technology

Faculty of Education

Faculty of Health Sciences

Faculty of Veterinary Science

**Prerequisites**

Refer to Regulation 1.2: A candidate who has passed Mathematics with at least 50% in the Grade 12 examination

**Contact time**

4 lectures per week, 1 practical per week

**Language of tuition**

Separate classes for Afrikaans and English

**Academic organisation**

Genetics

**Period of presentation**

Semester 1

**Module content**

Introductory study of the ultra structure, function and composition of representative cells and cell components. General principles of cell metabolism, molecular genetics, cell growth, cell division and differentiation.

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