

BSC UNDERGRADUATE PHYSIOLOGY MODULES

Physiology refers to all the functions of the organs of the human body and the functional interaction between body systems.

Modules include:

PHBG2616 (24 credits)

- ✓ Cellular Physiology and Fundamentals of Homeostasis

PHBG2626 (24 credits)

- ✓ Homeostasis of food and energy

PHBG3716 (24 credits)

- ✓ Homeostasis of fluids and gases

PHBG3726 (24 credits)

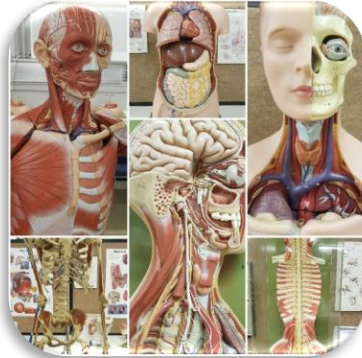
- ✓ Man in his environment – physiological adjustments

PHBN3712 (8 credits)

- ✓ Basic Neuroscience

PHBE3722 (8 credits)

- ✓ Basic and Applied Exercise Physiology



Physiology forms part of the following mainstream BSc programmes

- Behavioural Genetics
- Biochemistry
- Genetics
- Human Molecular Biology



Lectures are hosted by the Department of Basic Medical Sciences, Faculty of Health Sciences and take place in the Francois Retief building.

Twenty-four credit modules: There are three lectures per week as well as one afternoon with a practical or tutorial session.

Eight credit modules: There are two lectures per week as well as one to two practical sessions.

Twenty-four credit modules: Assessment consists of continuous evaluation (practical assignments, class tests and module written test), as well as one exam paper of three hours' duration.

Eight credit modules: Continuous assessments consist of class tests, semester tests and practical sessions, as well as one exam paper of two hours' duration.

Career & Study Opportunities

Academic

Professional
Officer in
Physiology
Postgraduate
study:
BMedSchons
MSc
PhD

Research

Organisations
like the MRC or
research
institutes may
have posts for
research
assistants

Technical career

Technical
assistants at
tertiary
institutions

Other

Professions range
from sales
representatives,
food safety officer,
secondary school
teacher after
obtaining PGCE

Prerequisites applicable to Physiology modules

**PHBG
2616**

*** BLGY1623 AND
BLGY1683, CHEM1643 OR
CHEM1623 OR (CHEM1622
AND CHEM1642) AND
CHEM1661**

**PHBG
2626**

PHBG2616

**PHBG
3716**

**PHBG2616 AND
PHBG2626**

**PHBG
3726**

**PHBG2616 AND PHBG2626
AND PHBG3716**

**PHBN
3712**

None

**PHBE
3722**

**PHBG2616, PHBG2626
and PHBG3716**

*** Recommended minimum 60% for BLGY1623 and
BLGY1683 AND minimum of 55% for CHEM1643 or
CHEM1623 or (CHEM1622 AND CHEM1642) AND
CHEM1661**

For further information contact:

**Dr. PC Vorster de Wet
PHBG and PHBN**

Department Basic Medical Sciences
Francois Retief Building
Block B, Room 102
Tel: 051 401 7371
Email: gnfsrs@ufs.ac.za

**Dr. B Abrahams
PHBE**

Department of Basic Medical Sciences
Francois Retief Building
Block B, Room 132
Tel: 051 401 7346
Email: abrahamsbr@ufs.ac.za

Website: <https://www.ufs.ac.za/health/bms>