

## **Qualifications and Programmes**

### **Department of Physiology**

#### **BACHELOR OF HEALTH SCIENCES WITH PHYSIOLOGY AND BIOCHEMISTRY**

**Qualification- and programme code: 8DJ H01; G301P**

**Programme OU and name: 8665 PC Physiology**

#### **Admission requirements**

Admission to any qualification and programme within the Faculty of Health Sciences, albeit at undergraduate or post graduate level, will be subject to faculty specific requirements, which requirements may include paper or other formal selection processes.

Requirements: Mathematics level 5 (60-69%) and Physical Sciences level 4 (50-59%)

Selection: Academic paper selection - Best average mark

Duration: 3 years

APS: 24

Campus: Potchefstroom, Full-time, Contact

#### **Programme outcomes**

In this programme there are curricula of which the major modules resort under both the Faculties of Health Sciences and Natural and Agricultural Sciences.

The curricula composed in this programme give a good basic training in the Health Sciences. In the composition of the curricula consideration was given to career possibilities and occupational needs of our country. These curricula also prepare the student for post-graduate study in the various majors.

The purpose of the programme is to contribute to the personal development of students and to give students the opportunity to obtain degree level skills, views and applied scientific competencies.

After following this programme those who had qualified will be able to:

- a) demonstrate contextual relevant scientific knowledge and/or competencies and comprehension of it within the broad terrain of the Health Sciences;
- b) demonstrate sound scientific knowledge and applied competencies in specific contexts such as schools, work-places and the community in an ethically accountable manner

with regard to: basic aid and programme presentation within the context of the various health science subject disciplines;

- c) practice the identification and prevention of health problems in such a way that responses will indicate that responsible decisions have been taken by thinking scientifically, critically and creatively;
- d) to work from a fortigenic perspective through application of expert knowledge and experience focused on basic preventive and health-promoting interventions;
- e) understand the specific behaviour of the various communities in South Africa that can be injurious to health and to investigate it and communicate it in a scientifically accountable way;
- f) address the changing indigenous needs, requirements and circumstances of the South African society – be it that of the past or the expected future – and in such a way to demonstrate insight into the world as a collection of related systems;
- g) apply contextually relevant health science approaches, methodologies, techniques and skills within a culturally diverse environment in order to facilitate human and organizational development where applicable;
- h) effectively work with others at an individual level, as well as together in a team, group, organization and community, and to fulfil a leadership role;
- i) effectively, ethically and responsibly apply self-management and management of own activities;
- j) collect, analyse and organize information, as well as the critical and grounded evaluation of information, in order to demonstrate insight in the collection of knowledge and coherence of science;
- k) effectively apply listening, reading, writing, discourse and argumentation skills;
- l) demonstrate language skills by effectively communicating by means of visual and/or audiovisual devices in oral, writing and/or audio-visual presentations;
- m) implement acquired expert knowledge, competencies and views in a working environment;
- n) develop personally and to contribute to the social and economic development of society by:
  - i) knowing and respecting North-West University's views with regard to human nature and practicing science;
  - ii) reflection on and continuous investigation of a variety of learning and intellectual strategies in order to learn more effectively and efficiently as lifelong learner;
  - iii) exploring educational and occupational possibilities within the field of health sciences as well as the development van entrepreneurial opportunities; and by
  - iv) the development of work ethics that includes responsibility, integrity, punctuality, realisation of vocation, readiness to serve, accuracy and drive.

## Compilation of programme

YEAR LEVEL 1			YEAR LEVEL 2			YEAR LEVEL 3		
First semester			First semester			First semester		
Module code	Type	Cr	Module code	Type	Cr	Module code	Type	Cr
ALDA/E111#	A	-	BCHN213	H	16	BCHS316	H	16
FLGX113	H	12	FLGX213	H	16	BCHS317	H	16
FSKS113	X	12	NCHE211	X	8	FLGX312	H	8
MCBN111	X	12	NCHE212	X	8	FLGX313	H	8
MTHS114	X	12	STTN111	X	12	FLGX317	H	8
NCHE111	X	12				WVLS314	X	12
<b>Total 1<sup>st</sup> semester</b>		<b>60</b>	<b>Total 1<sup>st</sup> semester</b>		<b>60</b>	<b>Total 1<sup>st</sup> semester</b>		<b>68</b>
YEAR LEVEL 1			YEAR LEVEL 2			YEAR LEVEL 3		
Second semester			Second semester			Second semester		
Module code	Type	Cr	Module code	Type	Cr	Module code	Type	Cr
ALDA/E122#	X	12	BCHN222	H	16	BCHS321	H	16
FLGX123	H	12	FLGX223	H	8	BCHS322	H	16
MCBN121	X	12	FLGX224	H	8	FLGX325	H	16
MTHS124	X	12	FSKS123	X	12	FLGX328	H	8
NCHE121	X	12	NCHE221	X	8	FLGX329	H	8
			NCHE222	X	8			
			WVGW221	X	12			
<b>Total 2<sup>nd</sup> semester</b>		<b>60</b>	<b>Total 2<sup>nd</sup> semester</b>		<b>72</b>	<b>Total 2<sup>nd</sup> semester</b>		<b>64</b>
<b>Total Year Level 1</b>		<b>120</b>	<b>Total Year Level 2</b>		<b>132</b>	<b>Total Year Level 3</b>		<b>132</b>
<b>Credit total of the Curriculum</b>								<b>384</b>

# Faculty Rule HSC.1.19.2.1 refers to ALDA/E111, ALDA112 and ALDA/E122.

For more detailed information, refer to the yearbook:

[http://studies.nwu.ac.za/sites/studies.nwu.ac.za/files/files/yearbooks/2020/Health\\_UG\\_2020.pdf](http://studies.nwu.ac.za/sites/studies.nwu.ac.za/files/files/yearbooks/2020/Health_UG_2020.pdf)