

# FTEN Academic Advising

## College of Agriculture, Engineering and Science



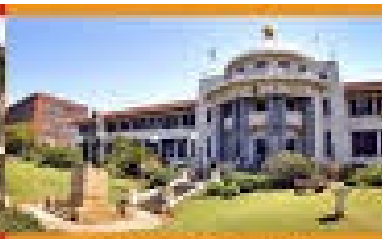
UNIVERSITY OF  
KWAZULU-NATAL

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INYUVESI  
YAKWAZULU-NATALI



EDGEVILLE CAMPUS



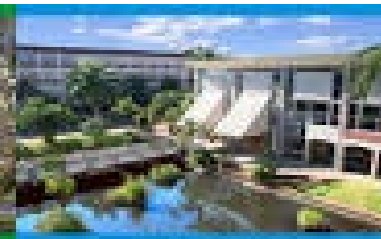
HOWARD COLLEGE CAMPUS



NELSON R MANDELA SCHOOL OF MEDICINE



PIETERMARITZBURG CAMPUS



WESTVILLE CAMPUS

UKZN - INSPIRING GREATNESS

# Knowing where I belong!



College of  
Agriculture,  
Engineering and  
Science (CAES)

College of  
Health  
Sciences

College of  
Humanities

College of Law and  
management studies

1. School of  
Agriculture, Earth  
and Environmental  
Sciences (SAEES)

2. School of  
Chemistry and  
Physics (SCP)

3. School of  
Life  
Sciences  
(SLS)

4. School of  
Maths, Stats and  
Computer Sciences  
(SMSCS)

5. School of  
Engineering  
(SENG)

# Qualifications, Schools and Modules

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Curriculum advising starts with understanding your hand book

1. What qualification am I registering for?
2. What are my majors/streams?
3. What modules does MY qualification and major or stream require me to register for?
4. How do I go about selecting electives?

**Qualification:** The degree for which you have applied for and have been accepted into, and for which you will be registering.

**Major/stream:** Is the branch of the qualification that you choose to specialize in

**Modules:** Are the courses that you will study. Qualifications have specific modules and number of credits that need to be done.

**Schools:** Modules and majors belong to schools. There are five schools.

# Structure of a Qualification

1. Structure
2. Rules
3. Requirements

# QUALIFICATIONS (CAES)

## Bachelor of Science (BSc)

3 years

### 1. Focussed programmes

e.g.  
Chemistry and  
Chemical Technology

### 2. General BSc

- (a) LES Stream
- (b) M stream
- (c) Double major

eg.,  
Chemistry and  
Biochemistry

## Bachelor of Science in Engineering (BSc Eng)

- 1. Fixed programmes
- 2. 4 years

e.g.  
Chemical Engineering  
Civil Engineering etc

## Bachelor of Science in Agriculture (BSc Ag)

- 1. Fixed streams
- 2. 4 years

e.g. Plant pathology  
Soil science

## Bachelor of Science in Agricultural Management

## Bachelor in Agriculture of Agricultural Extension

## Bachelor of Science in Dietetics and Human Nutrition

## Bachelor of Science in Land Surveying

# Structure of the B.Sc. degree

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- Total credit value of at least **384cr** subject to:
  - At least 96cr at **Level 1**  
With a maximum of 160cr at level 1
  - At least 96cr at **Level 2**
  - At least 128cr at **Level 3**
- Elective modules: (a) Form part of the unspecified credits  
(b) Maximum of 32cr outside college (level 1)
- Students must pass or obtain credits for ZULN101, unless otherwise exempted.

# Structure of the B.Sc. degree

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Level 1: **160 credits** (10 modules)

Level 2: **96 credits** (6 modules)

Level 3: **128 credits** (8 modules)

Total: **384 credits**

Level 1: **144 credits** (9 modules)

Level 2: **112 credits** (7 modules)

Level 3: **128 credits** (8 modules)

Total: **384 credits**

Level 1: **128 credits** (8 modules)

Level 2: **128 credits** (8 modules)

Level 3: **128 credits** (8 modules)

Total: **384 credits**

# Combination of Majors (General BSc)

Major	School
Applied Mathematics	SMSCS
Applied Physics	SCP
Astronomy	SCP
Biochemistry	SLS
Biology	SLS
Cellular Biology	SLS
Chemistry	SCP
Computer science	SMSCS
Computer Science & Statistics	SMSCS
Ecology	SLS
<b>Economics</b>	<b>CLMS</b>
Genetics	SLS
Geography	SAEES
Hydrology	SAEES
Mathematics	SMSCS
Microbiology	SLS
Physics	SCP
Plant Pathology	SAEES
<b>Psychology</b>	<b>CHUM</b>
Soil science	SAEES
Statistics	SMSCS



# An Example of How to figure out my Curriculum- Work through example

1. What is my qualification?
2. Find it in the handbook.
3. Look for the modules in the hand book.
4. How to figure out which semester the module belongs.
5. Adding up my credits to achieve normal credit load each semester.
6. Figuring out which electives to take
7. Making sure that there are no timetable clashes
8. Making sure I have considered ZULU101

# Example: BSc LES (Chemistry and Biochemistry)

1. What is my qualification?
2. Find it in the handbook.
3. Look for the modules in the hand book.

## 4. Biochemistry (Pietermaritzburg, Westville)

Year 1	BIOL101(16), CHEM110(16), 120(16), MATH150(16), PHYS131(16), STAT130(16)
Year 2	Pietermaritzburg: BIOC201(16), BIOC212(16), CHEM220(16), RDNA202(16)
	Westville: BIOC201(16), BIOC202(16), CHEM220(16), RDNA202(16)
Year 3	Pietermaritzburg: BIOC300(16), BIOC311(16), BIOC315(16), BIOC316(16)
	Westville: BIOC307(16), BIOC308(16), BIOC315(16), BIOC316(16)

## 7. Chemistry (Pietermaritzburg, Westville)

Year 1	Pietermaritzburg: CHEM110(16), 120(16), MATH130(16) or 150(16), MATH140(16) or 143(8), PHYS113(16) or 131(16), PHYS120(16) or 133(8)
	Westville: CHEM110(16), 120(16), MATH130(16) or 150(16), MATH140(16) or 145(16), PHYS110/113(16) or 131(16), PHYS120/114(16) or 132(16).
Year 2	CHEM210(16), 220(16), 230(16)
Year 3	CHEM310(16), 320(16), 330(16), 340(16)

*CAES, 2022, Handbook, Pg 91*

**CORE MODULES (LV1):** BIOL101(16), CHEM110(16), CHEM120(16), MATH150(16), PHYS131(16), STAT130(16), MATH143(8), PHYS133(8)

# Example: BSc LES (Chemistry and Biochemistry)

4. How to figure out which semester the module belongs.
5. Adding up my credits to achieve normal credit load for each semester.

**CORE MODULES (LV1):** BIOL101(16), CHEM110(16), CHEM120(16), MATH150(16), PHYS131(16), STAT130(16), MATH143(8), PHYS133(8)

Semester 1

BIOL101(16)  
CHEM110(16)  
MATH150(16)  
PHYS131(16)

Total credits = 64cr

Semester 2

CHEM120(16)  
STAT130(16)  
MATH143(8)  
PHYS133(8)

Total credits = 48cr

**16cr short of  
normal credit load**

## Example of a module description from the CAES handbook, 2022, pg 196

### Computing for Natural Scientists

COMP106 (P2 W2)

(39L-0T-36P-0S-61H-16R-0F-0G-8A-13W-16C)

**Prerequisite Requirement:** 40% in MATH130, 150, 151, 195 or STAT130.

**Aim:** To enable Life Science students to make effective use of computers in communicating, researching information, managing and analysing data, and presenting their findings as reports or presentations.

**Content:** Introduction to computer systems: Information systems. Computer basics, system software, malware and exploits. Productivity software: Word processing, spreadsheets, and presentation software. Research tools: Web based tools, working with the web. Introduction to LaTeX. Advanced computing tools: Introduction to databases, mathematical modelling with spreadsheets.

**Assessment:** Class mark 50% (Theory tests (20%), practical tests (20%); practical assignments (10%)), 3h exam (50%), with a sub-minimum of 40% on the exam.

**DP Requirement:** 40% class mark, attendance at 80% of the practicals.

**Credit may not be obtained for both COMP106 and COMP100.**

# Example: BSc LES (Chemistry and Biochemistry)

6. Figuring out which electives to take
7. Making sure that there are no timetable clashes
8. Making sure I have considered ZULU101

Semester 1

Timetable  
block

BIOL101(16)

CHEM110(16)

MATH150(16)

PHYS131(16)

Semester 2

Timetable  
block

CHEM120(16)

STAT130(16)

MATH143(8)

PHYS133(8)

**ZULU101 (16)**

[How to access and use the timetables \(click here\)](#)

# List of electives (BSc)

ECON101, ECON102, BIOL102, ZULU105, PSYC101, PSYC102, ISTN101, ISTN103, COMP106, ACCT101, ACCT103, MNGT101, COMP106

*Not that in some situations students cannot take certain modules. For example, students can take NUTR114 as an elective but cannot take NUTR124 and FSC120.*

## Computing for Natural Scientists

COMP106 P2 W2

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**DP Requirement:** 40% class mark, attendance at 80% of the practicals.

**Credit may not be obtained for both COMP106 and COMP100.**

*CAES Handbook, 2022, Pg 196*

***Beware of modules were you cannot obtain credits***

# Augmented Students

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## **AES-B4A1 Structure of the Programme**

For the first year of the Augmented programme all students take the same modules. From the second year the student's choice of modules must be approved by the School appropriate to their chosen major.

- (a) In their first year students will register for 64 foundation credits and 80 degree credits. The latter 64 credits must be from the augmented modules BIOL195, CHEM195, MATH195 and PHYS195 (each 16 degree credits). These are all year-long modules. Each of these modules will also carry 16 foundation credits so that the notional study hours for these modules will total 320.
- (b) In addition, students will register for both SCOM101 and SCOM 102 (single semester modules) in the first year of study. Each SCOM module carries 8 degree credits and no foundational credits.

# How to receive academic advising for registration

<https://ww2.caes.ukzn.ac.za/registration/curriculum-advising/>

Virtual meetings between academics and students are taking place via MS Teams meetings. Links to the meeting are found at the link above. Please click link.



# Who can I contact for assistance when students query about academic advice

## The team of Academic Development Officers can assist with Academic Advising

*(Note that Zoom academic sessions are done by academics not ADOs. ADOs advise in general throughout the semester)*

### HOWARD COLLEGE



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- Life Sciences

[https://ww1.caes.ukzn.ac.za/teaching\\_and\\_learning/team/](https://ww1.caes.ukzn.ac.za/teaching_and_learning/team/)

[CLICK HERE](#) to read about T and L team