Faculty of Natural and Agricultural Sciences
Fakulteit Natuur- en Landbouwetenskappe
Lefapha la Disaense tša Tlhago le Temo

UNIVERSITEIT VAN PRETORIA
UNIVERSITY OF PRETORIA
YUNIBESITHI YA PRETORIA

Bachelor of Science
Ecology

Make today matter

The Bachelor of Science *Ecology* programme explores how animals and plants interact with each other and the natural environment. It will allow you to contribute to their conservation and solve the challenges threatening life on Earth.

If you want to pursue a career in biodiversity conservation, environmental consultancy, land rehabilitation or wildlife management, this programme is for you.

What makes this programme unique?

Bachelor of Science *Ecology* is the only programme of its kind offered in South Africa and teaching is focused on animals and plants, ecology, geographic information systems and quantitative statistics.
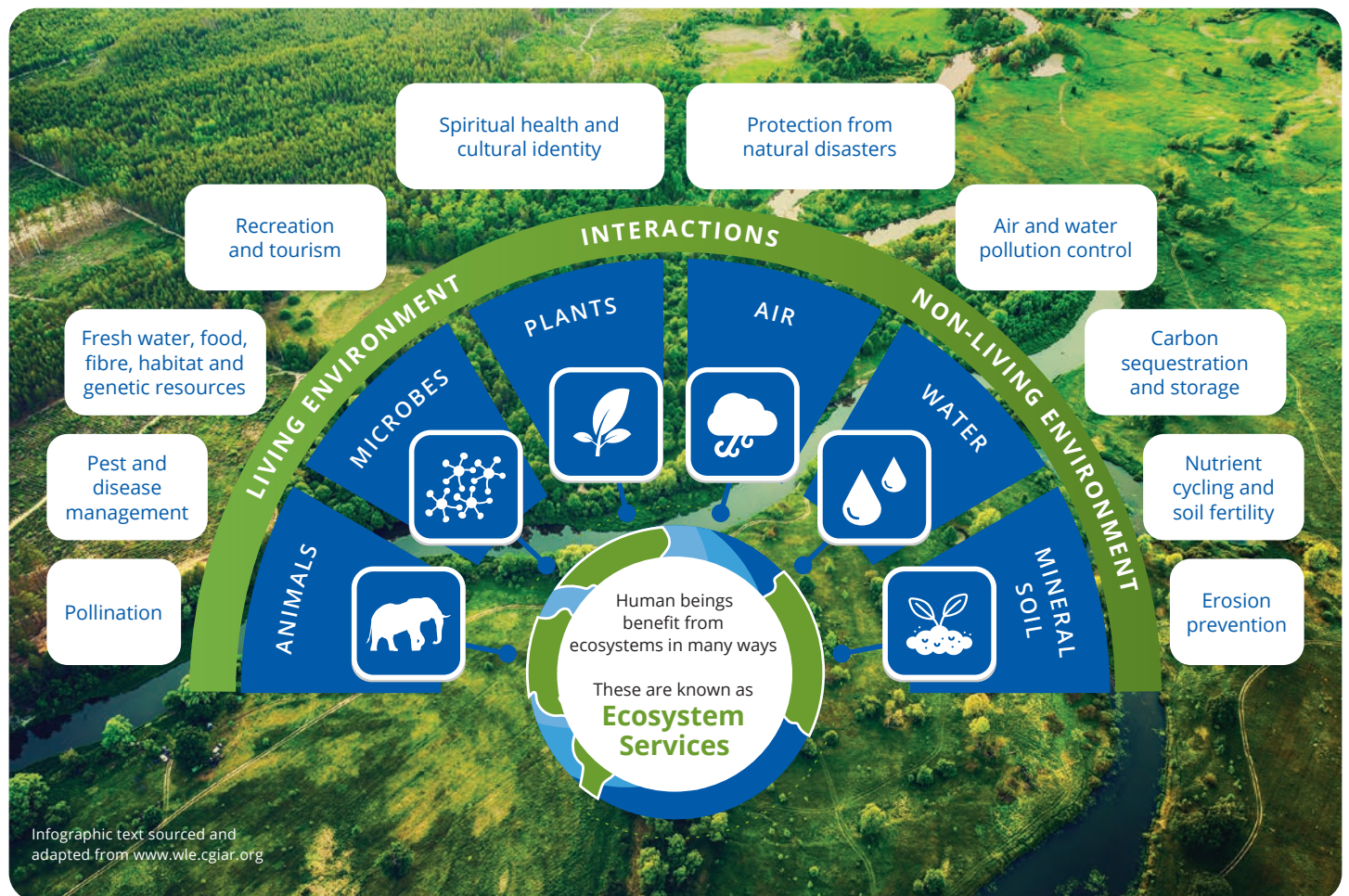
Career opportunities

As a graduate you can find employment as a conservation officer or manager, environmental consultant or manager, game ranger, research scientist, data manager and more.

Which companies employ our graduates?

You can find employment at government agencies concerned with the environment, conservation organisations, state or private game reserves, environmental consultancies and education initiatives, academic and training institutions and many more.

Infographic text sourced and adapted from www.wle.cgiar.org

Minimum admission requirements

Programme	Minimum requirements for NSC/IEB for 2025			
	Achievement level			APS
	English Home Language or English First Additional Language	Mathematics	Physical Sciences	
Bachelor of Science *Ecology* [3 years]	5	5	5	32

Faculty of Natural and Agricultural Sciences
Fakulteit Natuur- en Landbouwetenskappe
Lefapha la Disaense tša Tlhago le Temo

Minimum requirements for applicants with a school leaving certificate not issued by Umalusi (South Africa)

Make today matter

Refer to the International undergraduate prospectus at www.up.ac.za/programmes > Undergraduate > Admission Information or click here for more information.

- The closing date for applications for programmes in this faculty is 30 June.
- Meeting the minimum admission requirements does not guarantee admission into a programme.

FACULTY OF NATURAL AND AGRICULTURAL SCIENCES Programmes	Compulsory subjects	GCSE # The qualifications in the two columns below will be considered only for conditional admission. If final AS and/or A levels have been completed, these two columns will not apply. It can also not be used for final admission and/or registration.		HIGCSE NSSC HL	AS Level	A Level	IB		KOMBI ABITUR	KCSE
		CIE IGCSE LGCSE BGCSE SGCSE O Level NSSC OL CGCE UCE NECO WAEC ZIMSEC	UK England Wales Northern Ireland		GCE CIE NSSC AS	GCE CIE CGCE UACE WAEC ZIMSEC	IB SL	IB HL		
Bachelor of Science *Biochemistry*	English Mathematics Physics Chemistry	C C C C	4 4 4 4	3 3 3 3	C C C C	E E E E	4 4 4 4	3 3 3 3	60-69% 60-69% 60-69% 60-69%	B B B B
Bachelor of Science *Biotechnology*										
Bachelor of Science *Ecology*										
Bachelor of Science *Zoology*										
Bachelor of Science *Entomology*										
Bachelor of Science *Genetics*										
Bachelor of Science *Human Genetics*										
Bachelor of Science *Human Physiology*										
Bachelor of Science *Human Physiology, Genetics and Psychology*										
Bachelor of Science *Medical Sciences*										
Bachelor of Science *Microbiology*										
Bachelor of Science *Plant Science*										
Bachelor of Science *Chemistry*										
Bachelor of Science *Physics*										
Bachelor of Science *Geography* [Option: Geography and Environmental Science]										
Bachelor of Science *Geoinformatics*										
Bachelor of Science *Geology*										
Bachelor of Science *Meteorology*										
Bachelor of Science *Environmental and Engineering Geology*										

Minimum requirements for 2025 / Achievement level

Only English with at least a C symbol on this level can be used for final admission.
NOTE: The Faculty of Natural and Agricultural Sciences requires the following achievement levels for IELTS and TOEFL: TOEFL – Writing=22; Speaking=23; Reading=21; Listening=17
IELTS – Writing=6; Speaking=6; Reading=6; Listening=6

Faculty of Natural and Agricultural Sciences
Fakulteit Natuur- en Landbouwetenskappe
Lefapha la Disaense tša Tlhago le Temo

Minimum requirements for applicants with a school leaving certificate not issued by Umalusi (South Africa)

Make today matter

FACULTY OF NATURAL AND AGRICULTURAL SCIENCES Programmes	Compulsory subjects	GCSE #		HIGCSE NSSC HL	AS Level	A Level	IB		KOMBI ABITUR	KCSE
		CIE IGCSE LGCSE BGCSE SGCSE O Level NSSC OL CGCE UCE NECO WAEC ZIMSEC	UK England Wales Northern Ireland		GCE CIE NSSC AS	GCE CIE CGCE UACE WAEC ZIMSEC	IB SL	IB HL		
Bachelor of Science *Food Science*	English Mathematics Physics Chemistry	C C C C	4 4 4 4	3 3 3 3	C C C C	E E E E	4 4 4 4	3 3 3 3	60-69% 60-69% 60-69% 60-69%	B B B B
Bachelor of Science in Food Management [Option: Culinary Science]										
Bachelor of Science in Food Management [Option: Nutrition]										
Bachelor of Science in Agriculture in Agricultural Economics and Agribusiness Management										
Bachelor of Science in Agriculture in Animal Science										
Bachelor of Science in Agriculture in Plant Pathology										
Bachelor of Science in Agriculture in Applied Plant and Soil Sciences										
Bachelor of Science *Actuarial and Financial Mathematics*	English Mathematics	C A	4 7	3 1	C A	E C	4 6	3 5	60-69% 80-100%	B A
Bachelor of Science *Mathematics*	English Mathematics	C B	4 5	3 2	C B	E D	4 5	3 4	60-69% 70-79%	B B+
Bachelor of Science *Applied Mathematics*										
Bachelor of Science *Mathematical Statistics*										
Bachelor of Consumer Science *Clothing Retail Management*	English Mathematics	C D	4 3	3 3	C D	E E	4 2	3 2	60-69% 50-59%	B C+
Bachelor of Consumer Science *Food Retail Management*										
Bachelor of Consumer Science *Hospitality Management*										

Minimum requirements for 2025 — Achievement level

The qualifications in the two columns below will be considered only for conditional admission. If final AS and/or A levels have been completed, these two columns will not apply. It can also not be used for final admission and/or registration.

\# Only English with at least a C symbol on this level can be used for final admission.
NOTE: The Faculty of Natural and Agricultural Sciences requires the following achievement levels for IELTS and TOEFL: TOEFL – Writing=22; Speaking=23; Reading=21; Listening=17
IELTS – Writing=6; Speaking=6; Reading=6; Listening=6