

Faculty of Natural and Agricultural Sciences

Fakulteit Natuur- en Landbouwetenskappe Lefapha la Disaense tša Tlhago le Temo

Bachelor of Science Entomology



Make today matter

The Bachelor of Science *Entomology* programme gives exciting insights into insect diversity, conservation, ecology and physiology. As a graduate you can help to protect our crops, livestock, human health and the environment. This programme is right for you if you want a career in forensics, environmental affairs, or plant, animal or public health.

Which companies employ our graduates?



Graduates are employed by various government and international agencies, agricultural industries and research institutes, environmental consultancies, nature conservation agencies, museums, the South African Police Service, and public health research and policy institutes. You could even set up your own business in the growing industries of insect production for biological control, feed for animals or food for humans.

What makes this programme unique?



All of our lecturers are leaders in their fields. They have strong ties to governments, local and international organisations, and industries. This unlocks employment and postgraduate opportunities.

Career opportunities

Graduates find employment as researchers in biological control, curators for entomological collections, environmental consultants and managers, forensic entomologists, specialists in insect pest management, insect-rearing and laboratory technicians, quarantine officers, public health practitioners, and many more.

PROTECT OUR FOOD SUPPLY

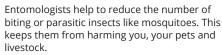
Entomologists work with farmers to protect our crops from pest insects. They study pollinators like bees so there are always fruit, vegetables and honey on supermarket shelves.



BENEFIT TO YOU

Healthy fresh foods, grains and juices stay plentiful and affordable.

PROTECT HUMANS AND ANIMALS





BENEFIT TO YOU

Affordable meat and dairy products. Lower risk of disease.

What does an ENTOMOLOGIST do?

An entomologist is a scientist who studies or works with insects and related animals. With more species of insects on Earth than any other group of organisms, the work of entomologists is vitally important and affects us all.

CONSERVE OUR FORESTS

Entomologists study how some insects benefit forests by aiding in decomposition and others harm forests by killing trees.



BENEFIT TO YOU

Healthy forests clean our air, cool the planet, produce lumber and paper, and provide habitat for plant and animal species.

DEFEND YOUR HOME

Entomologists advise pest management professionals on how to safely prevent and remove indoor pests such as cockroaches, bed bugs, flies, and ants.



BENEFIT TO YOU

A clean, pest-free living space—plus, reduced damage to homes and buildings, and increased property values.

Infographic text sourced and adapted from www.entsoc.org

Minimum admission requirements

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



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





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.

				Minim	um require	ments for 2	025				
		Achievement level									
	GCSE #				AS Level A Level			IB			
		two column be conside conditional If final A A levels h completed columns wi It can also for final adr	ations in the is below will red only for a diministration. S and/or eave been the two ll not apply, not be used nission and/tration.								
FACULTY OF NATURAL AND AGRICULTURAL SCIENCES	Compulsory subjects	CIE	UK	HIGCSE NSSC HL	GCE CIE	GCE CIE	IB SL	IB HL	KOMBI ABITUR	KCSE	
Programmes		LGCSE Wa	England Wales Northern Ireland	gland Vales rthern	NSSC AS	CGCE UACE WAEC ZIMSEC			ABITON		
Bachelor of Science Biochemistry		CCCC		3 3 3 3 3	C C C	E E E	4 4 4 4	3 3 3 3	60-69% 60-69%		
Bachelor of Science Biotechnology			4 4 4								
Bachelor of Science <i>Ecology</i>											
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	English									D	
Bachelor of Science Medical Sciences	English Mathematics									B B B	
Bachelor of Science Microbiology	Physics								60-69%		
Bachelor of Science Plant Science	Chemistry		4						60-69%	В	
Bachelor of Science Chemistry											
Bachelor of Science Physics											
Bachelor of Science <i>Geography</i> [Option: Geography and Environmental Science]											
Bachelor of Science Geoinformatics											
Bachelor of Science Geology											
Bachelor of Science Meteorology											
Bachelor of Science <i>Environmental and Engineering Geology</i>											



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	Minimum requirements for 2025									
	Achievement level									
	GCSE #				AS Level	A Level		В		
		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.								
FACULTY OF NATURAL AND AGRICULTURAL SCIENCES	Compulsory subjects	CIE	UK	HIGCSE NSSC HL	GCE CIE	GCE CIE	IB SL	IB HL	KOMBI ABITUR	KCSE
Programmes		IGCSE LGCSE BGCSE SGCSE O Level NSSC OL CGCE UCE NECO WAEC ZIMSEC	England Wales Northern Ireland		NSSC AS	CGCE UACE WAEC ZIMSEC				
Bachelor of Science Food Science		ZIIVISEC								
Bachelor of Science in Food Management [Option: Culinary Science] Bachelor of Science in Food Management		ematics C	4 4 4 4	3 3 3 3	C C C	E E E	4 4 4 4	3 3 3 3	60-69% 60-69% 60-69% 60-69%	B B B
[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										
Bachelor of Science Applied Mathematics Bachelor of Science Mathematical Statistics	English Mathematics	C B	4 5	3 2	C B	E D	4 5	3 4	60-69% 70-79%	B B+
Bachelor of Consumer Science Clothing Retail Management	English Mathematics	C atics D	4 3	3 3	C D	E E	4 2	3 2	60-69% 50-59%	
Bachelor of Consumer Science Food Retail Management										B C+
Bachelor of Consumer Science Hospitality Management										

[#] 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

