

UNIVERSITY OF NAMIBIA



FACULTY OF AGRICULTURE, ENGINEERING & NATURAL SCIENCES

2027 Career Guidance Booklet

Made Easy

YOUR DEGREE, YOUR FUTURE

From Katima Mulilo to Keetmanshoop, Oshakati to Windhoek – this is your homegrown university.



Open your mind

HOW TO USE THIS LEAFLET

Hey there 🤗

We know career guides can feel like they're written for grandparents. This one isn't.

Below, you'll find:

- What each faculty does (no confusing academic speak)
- Every single undergraduate programme UNAM offers in 2027
- Exactly what subjects you need and what points to aim for
- Real Namibian and world careers you can get with each qualification
- Real Namibian examples – because we're preparing you for a job in London, Addis Ababa to preparing you to build Namibia.

Quick tip:

Points are indicative for 2027. Strong applications with good pass symbols can still be considered if you're slightly below. Always apply.



School of Agriculture
& Fisheries Sciences



School of Engineering
& the Built Environment



School of
Military Science



School of Science

FACULTY OF AGRICULTURE, ENGINEERING & NATURAL SCIENCES

Faculty of Agriculture, Engineering & Natural Sciences is to provide expertise for increased food production, industrialisation, and product development in Namibia (and beyond) through quality teaching, research, innovation, and community engagement.

Why you belong here: You like things that grow, move, compute, or explode. You're curious how bridges don't fall, why fish swim where they do, and whether Namibia could feed the whole continent.

You wonder, when drought hits, when mines need engineers, when we need to map our ocean resources; this faculty answers the call. You're not just studying; you're joining Namibia's solution team.

UNAM General Admission Requirements at a Glance: (In addition, professional specific requirements are discussed below.)

GENERAL REQUIREMENTS	DEGREE	DIPLOMA
NSSCO & NSSCAS subjects	5 passes, 3 or 2 subjects at AS Level	5 passes, 3 or 2 subjects at AS Level
English Language (compulsory)	d (AS) / C (Ordinary) symbol or higher	e (AS) / D (Ordinary) symbol or higher
Points range	27 points and above (faculty specific requirement applies)	24 points and above
Mathematics	Mathematics is a requirement for most sciences and commerce qualifications	Mathematics required for some diploma programmes

Quick Tip: Advanced Subsidiary (AS) Grades are indicated in lowercase, while Ordinary Level Grades are in uppercase. Meeting the general requirement does not guarantee admission to the programme of choice; you will need to put in more effort to achieve above-average results.



1. SCHOOL OF AGRICULTURE & FISHERIES SCIENCE



From the Kavango banks to the Orange River, from cattle posts to commercial farms; this School turns Namibia's land and water into food, jobs, and exports.

You'll learn why a cow in Ohangwena Region needs different feed than one in Hardap Region, how to stop fish from spoiling before they reach Walvis Bay, and whether tomatoes can grow in the desert (they can. We'll show you how).

Quick Tip: Advanced Subsidiary (AS) Grades are indicated in lowercase, while Ordinary Level Grades are in uppercase. Meeting the general requirement does not guarantee admission to the programme of choice; you will need to put in more effort to achieve above-average results.

PROGRAMME	WHAT'S THE ACTUAL JOB?	WHAT JOBS CAN I GET?	SPECIFIC REQUIRED SUBJECTS	POINTS
Diploma in Sustainable Production & Technologies (Level 6)	You're the person farmers call when their soil is tired. You know how to grow food without destroying the earth.	Agricultural Extension Officer, Sustainable Farming Consultant, Food Security Officer, NGO Field Worker, Horticultural & Agronomic Entrepreneur, Agro-Research Specialist, Farm Business Advisor, Irrigation Design Specialist, Soil Laboratory Specialist, and Post Harvesting Advisor.	Agriculture/Biology (e), Physical Science (e) Or Physics/Chemistry (D) Mathematics (D), English (D)	24+
Diploma in Livestock Production (Level 6)	Cattle, goats, sheep – you understand them. You know vaccines, breeding seasons, and how to spot a sick animal before it stops eating.	Livestock Technician, Animal Health Assistant, Feedlot Supervisor, Farm Manager, Game Ranger, Livestock Procurement Specialist, Agricultural Extension Officer, and Agricultural Technical Personnel.	Agriculture/Biology (e), Physical Science (e) Or Physics/Chemistry (D) Mathematics (D), English (D)	24+
Bachelor of Science in Agricultural Economics (Level 7)	Farming is business. You'll calculate whether a loan for new irrigation makes sense, what price a farmer should accept for maize, and how to get Namibian beef into new countries.	Agricultural Economist, Agribusiness Manager, Commodity Trader, Agricultural Bank Officer, Policy Analyst at the Ministry of Agriculture, Water & Forestry.	Mathematics (d), English (C), Agriculture/Biology (d)	27+

SCHOOL OF AGRICULTURE & FISHERIES SCIENCE

PROGRAMME	WHAT'S THE ACTUAL JOB?	WHAT JOBS CAN I GET?	SPECIFIC REQUIRED SUBJECTS	POINTS
Bachelor of Science in Crop Production (Level 7)	Seeds, soil, water, sunshine. You turn these four things into food. Pests? Diseases? Climate change? You're the one with solutions.	Crop Scientist, Horticulturist, Irrigation Specialist, Seed Technologist, Greenhouse Manager, Agronomist, and Crop Production Consultant.	Biology/Agriculture (d), Physical Science (d) Or Chemistry/Physics (C), Mathematics (C), English (C)	27+
Bachelor of Science in Fisheries & Ocean Sciences (Level 7)	Namibia's ocean is one of the richest in the world. You'll know why hake swim where they do, how to farm oysters in Lüderitz, and whether climate change is moving our fish stocks south.	Fisheries Biologist, Aquaculture Farm Manager/Consultant, Marine Conservation Officer, Fisheries Inspector At MFMR, Fishing Industry Quality Controller, Fisheries Research Assistant, Fish Nutritionist, Oceanographic Researcher, and Seafood Processor.	Biology (d), Physics/Chemistry (d) Mathematics (C) English (C)	27+
Bachelor of Science in Food Science & Technology (Honours) (Level 8)	Why does milk spoil? How do you make biltong last longer without chemicals? Can we turn marula fruit into something Europe wants to buy? This is food chemistry. You're a kitchen scientist.	Food Technologist, Quality Assurance Manager, Product Developer, Food Safety Auditor, Brewery Quality Controller, Toxicologist, and Food Consultant.	Biology (d), Chemistry/Physics (d), Mathematics (d) English (C)	27+
Bachelor of Science in Animal Science (Honours) (Level 8)	Genetics, nutrition, reproduction. You're basically a doctor for animals that aren't pets. You'll improve breeding, prevent disease outbreaks, and help Namibian farmers produce more with less.	Animal Nutritionist, Livestock Production Manager, Breeding Specialist, Artificial Insemination Technician, Meat Board Inspector, Agricultural Scientific Officer, Research Scientist, Livestock Procurement Specialist, and Farm Business Advisors (Various Institutions).	Biology/Agriculture (d), Chemistry/Physics (C), Mathematics (d) English (C)	27+
Bachelor of Science in Agricultural Engineering (Level 8)	Tractors that talk to each other. Drip irrigation that knows when to turn on. Solar-powered water pumps for communal farms. You're an engineer who also understands plants.	Agricultural Engineer, Irrigation Systems Designer, Farm Mechanization Specialist, Precision Agriculture Consultant, and Machinery Manufacturing Engineer.	Mathematics (c), Physics (c), Chemistry (c), English (C)	32+

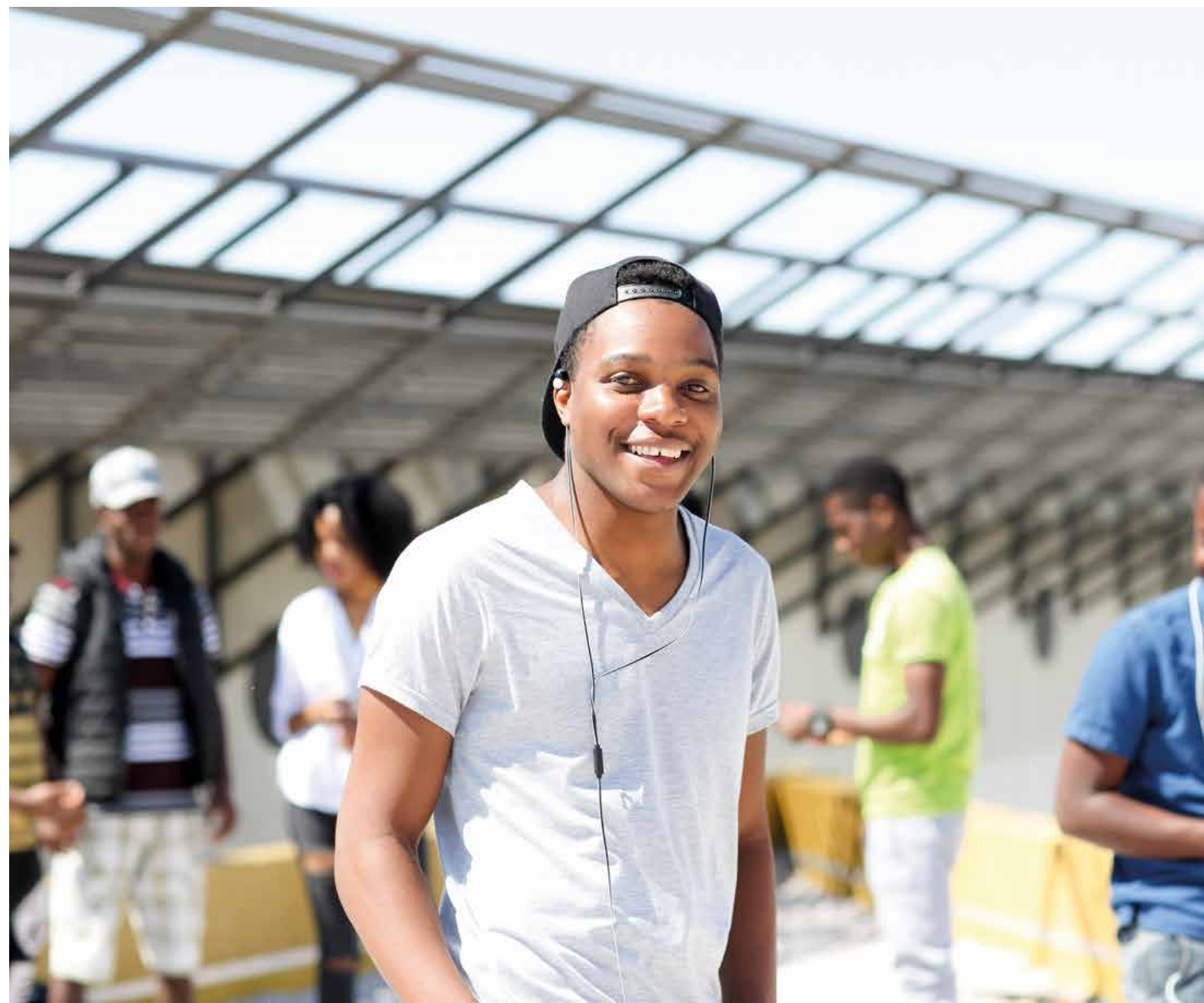
2. SCHOOL OF ENGINEERING & THE BUILT ENVIRONMENT



What this School is about:

Namibia is still being built. Every road you drive on, every bridge over the Kuiseb, every mine shaft in Tsumeb, every solar panel in Keetmanshoop, someone from this School most certainly designed it, tested it, or approved it. That someone could be you.

Quick Tip: Advanced Subsidiary (AS) Grades are indicated in lowercase, while Ordinary Level Grades are in uppercase. Meeting the general requirement does not guarantee admission to the programme of choice; you will need to put in more effort to achieve above-average results.



SCHOOL OF ENGINEERING & THE BUILT ENVIRONMENT

PROGRAMME	WHAT'S THE ACTUAL JOB?	WHAT JOBS CAN I GET?	SPECIFIC REQUIRED SUBJECTS	POINTS
Bachelor of Science in Civil Engineering (Honours) (Level 8)	Roads that don't wash away. Bridges that hold trucks. Buildings that survive earthquakes (yes, Namibia gets them). Hospitals with clean water. That's you.	Civil Engineer, Structural Engineer, Roads Authority Engineer, Water Infrastructure Engineer, and Construction Project Manager.	Mathematics (c), Physics (c), Chemistry (c), English (C)	32+
Bachelor of Science in Mining Engineering (Honours) (Level 8)	Namibia is literally sitting on billions of dollars of rock. You're the person who gets it out safely, profitably, and without destroying the environment. Rossing, Husab, Skorpion—these could be your offices.	Mining Engineer, Mine Planning Engineer, Blasting Engineer, Mine Safety Officer, and Operations Manager.	Mathematics (c), Physics (c), Chemistry (c), English (C)	32+
Bachelor of Science in Electrical Engineering (Honours) (Level 8)	Power lines from Ruacana to Ondangwa. Solar systems for off-grid villages. The wiring inside a new hospital. If it carries electricity, you understand it.	Electrical Engineer, Power Systems Engineer, Renewable Energy Specialist, NamPower Engineer, and Control Systems Engineer.	Mathematics (c), Physics (c), Chemistry (c), English (C)	32+
Bachelor of Science in Mechanical Engineering (Honours) (Level 8)	Everything that moves: mining trucks, fishing vessels, factory machines, elevators, pumps. You design it, fix it, or improve it.	Mechanical Engineer, Maintenance Engineer, HVAC Engineer, Automotive Engineer, Manufacturing Plant Manager, and Manufacturing Engineer.	Mathematics (c), Physics (c), Chemistry (c), English (C)	32+
Bachelor of Science in Metallurgical Engineering (Honours) (Level 8)	You take rock and turn it into metal. You understand why some gold is 24 carat and some is 18. You know how to extract copper without poisoning the water.	Metallurgist, Process Engineer, Extractive Engineer, Quality Control Manager, and Smelter Operations Supervisor.	Mathematics (c), Physics (c), Chemistry (c), English (C)	32+
Bachelor of Science in Electronics & Computer Engineering (Honours) (Level 8)	Not just coding. You build the actual physical things that computers live inside. The motherboard, the sensor, the satellite component. Namibia's tech industry needs you.	Electronics Engineer, Embedded Systems Engineer, Telecommunications Engineer, Hardware Designer, and Network Infrastructure Engineer.	Mathematics (c), Physics (c), Chemistry (c), English (C)	32+

3. SCHOOL OF MILITARY SCIENCE



What this School is about:

Yes, this is at the Namibian Defence Force base. No, you don't have to join the army. (But you can.) This school trains people for careers at sea, in the air, and on land, both military and civilian. If you've ever looked at a ship and wondered who steers it or looked at a map and wondered why some borders are where they are, this is your place.

Quick Tip: Advanced Subsidiary (AS) Grades are indicated in lowercase, while Ordinary Level Grades are in uppercase. Meeting the general requirement does not guarantee admission to the programme of choice; you will need to put in more effort to achieve above-average results.

SCHOOL OF MILITARY SCIENCE

PROGRAMME	WHAT'S THE ACTUAL JOB?	WHAT JOBS CAN I GET?	SPECIFIC REQUIRED SUBJECTS	POINTS
Bachelor of Science in Nautical Science (Level 7)	You drive ships. Not small fishing boats—massive cargo vessels, tankers, maybe cruise ships. You understand tides, navigation, international maritime law, and how not to hit Walvis Bay harbour wall.	Ship Captain, Deck Officer, Marine Pilot, Port Control Officer, and Maritime Safety Inspector	Mathematics (d), Physical Science(d), English (C)	27+
Bachelor of Science in Military Geography (Level 7)	Why do armies win or lose? Often, because of geography. You study terrain, weather, borders, and resources. You could work in defence, disaster management, or government planning.	Intelligence Officer, Disaster Risk Manager, Geographic Information Systems Analyst, and Defence Strategist.	Geography (c), History (c) Mathematics (C), English (C), Physical Science (C)	27+
Bachelor of Science in Aeronautical Science (Honours) (Level 8)	Planes. Drones. Air traffic control. Aviation safety. You're not necessarily the pilot, you're the person who makes sure the pilot doesn't crash.	Air Traffic Controller, Aviation Safety Officer, Flight Operations Manager, and Drone Systems Operator	Mathematics (d), Physical Science(d), English (C)	27+

4. SCHOOL OF SCIENCE



What this School is about:

If you asked "why?" a lot as a child, this is your tribe. Why is the sky blue? Why do some rivers dry up and others don't? Why do certain bacteria eat oil spills? How many fish are actually in Lake Otjikoto? This school doesn't just answer questions, it teaches you how to ask better ones.

Quick Tip: Advanced Subsidiary (AS) Grades are indicated in lowercase, while Ordinary Level Grades are in uppercase. Meeting the general requirement does not guarantee admission to the programme of choice; you will need to put in more effort to achieve above-average results.



SCHOOL OF SCIENCE

PROGRAMME	WHAT'S THE ACTUAL JOB?	WHAT JOBS CAN I GET?	SPECIFIC REQUIRED SUBJECTS	POINTS
Diploma in Applied Statistics (Level 6)	You're the person who makes sense of numbers. How many learners passed Grade 10 in Kavango? Is crime actually increasing or does it just feel that way? You find the truth in data.	Statistical Assistant, Data Entry Supervisor, Survey Field Coordinator, and Research Assista	Mathematics (D), English (D)	24+
Diploma in Computing (Level 6)	Basic coding, IT support, website maintenance. You're the person offices call when the printer isn't working. (This is a real, respectable career.)	IT Support Technician, Helpdesk Analyst, Junior Web Developer, and Computer Lab Administrator.	Mathematics (D), English (D)	24+
Bachelor of Science in Computing (Level 7)	You build software. Apps, databases, maybe games. You understand Python, Java, and why your grandma's phone keeps freezing.	Software Developer, Web Developer, Database Administrator, Systems Analyst, and Mobile App Developer	Mathematics (d), English (C)	27+
Bachelor of Science in Data Science (Level 7)	Companies, governments, hospitals, they're all drowning in data. You're the lifeguard. You find patterns, predict trends, and tell people what the numbers actually mean.	Data Scientist, Business Intelligence Analyst, Data Engineer, Machine Learning Specialist, and Research Statistician.	Mathematics (d), English (C)	27+
Bachelor of Science in Statistics (Level 7)	The pure maths of uncertainty. You design surveys that actually work, clinical trials that are ethical, and economic forecasts that aren't completely wrong.	Statistician, Biostatistician, Market Research Analyst, Quality Control Manager, and Statistician.	Mathematics (d), English (C)	27+
Bachelor of Science in Population Studies (Level 7)	Who lives where? Why? How old are they? Do they have jobs? When do they have children? Governments need this information to plan schools, hospitals, and roads. You collect and interpret it.	Demographer, Population Analyst, Census Planner, Policy Researcher, and Development Planner.	Mathematics (d), English (C)	27+

SCHOOL OF SCIENCE

PROGRAMME	WHAT'S THE ACTUAL JOB?	WHAT JOBS CAN I GET?	SPECIFIC REQUIRED SUBJECTS	POINTS
Bachelor of Science in Quantitative Finance (Level 7)	Pure logic. Patterns. Proofs. You might teach, you might work in finance, you might crack codes for government. Maths graduates are hired everywhere because you've proven you can think.	Quantitative Analyst, Risk Manager, Investment Analyst, Financial Engineer, and Portfolio Manager.	Mathematics (d), English (C)	27+
Bachelor of Science in Quantitative Finance (Level 7)	Money + maths = this degree. Banks, investment firms, insurance companies. You calculate risk, predict markets, and make sure pension funds don't collapse.	Quantitative Analyst, Risk Manager, Investment Analyst, Financial Engineer, and Portfolio Manager.	Mathematics (d), English (C)	27+
Bachelor of Science in Geology (Level 7)	Rocks tell stories. Namibia's oldest rocks are over 2 billion years old. You read them to find diamonds, copper, uranium, and water. You understand why earthquakes happen and where oil might be hiding.	Geologist, Exploration Geologist, Hydrogeologist, Mine Geologist, and Environmental Geologist	Physical Science (d) or Physics (d), Chemistry (d) & Mathematics (d), English (C)	27+
Bachelor of Science in Biochemistry (Level 7)	The chemistry of life. How does HIV medicine work? Why do some people get cancer? Can we make drought-resistant mahangu? You're a chemist who studies living things.	Biochemist, Laboratory Scientist, Forensic Analyst, Pharmaceutical Researcher, and Quality Control Chemist.	Biology (d), Chemistry (d), Mathematics (d), English (C)	27+
Bachelor of Science in Chemistry (Level 7)	Everything is chemicals. Your shampoo, your phone battery, the paint on your wall. You understand reactions, molecules, and how to make new substances.	Chemist, Analytical Chemist, Industrial Chemist, Environmental Consultant, and Water Quality Specialist.	Mathematics (d) Physics (d), Chemistry (d) & English (C)	27+

SCHOOL OF SCIENCE

PROGRAMME	WHAT'S THE ACTUAL JOB?	WHAT JOBS CAN I GET?	SPECIFIC REQUIRED SUBJECTS	POINTS
Bachelor of Science in Physics (Level 7)	Light, gravity, electricity, nuclear energy. You understand why things fall, how radios work, and whether we could put a Namibian satellite in space.	Physicist, Medical Physicist, Renewable Energy Consultant, Meteorologist, and Research Scientist.	Mathematics (d), Physics (c), Chemistry (d) & English (C)	27+
Bachelor of Science in Microbiology (Level 7)	Germes. But also helpful bacteria that make cheese, yogurt, and medicine. You study the smallest living things and how they affect humans, animals, and the environment.	Microbiologist, Clinical Laboratory Scientist, Food Safety Officer, Public Health Inspector, and Water Quality Technician.	Biology (d), Chemistry (d), Mathematics (d), English (C)	27+
Bachelor of Science in Wildlife & Tourism Management (Level 7)	Etosha, Sossusvlei, the Skeleton Coast. These aren't just beautiful places—they're businesses. You learn conservation, tourism operations, and how to protect wildlife while letting people see it.	Safari Lodge Manager, Conservation Area Warden, and Tour Operations Coordinator.	Biology (d), Mathematics (d), Geography (d), Chemistry (C), English (C)	27+
Bachelor of Science in Ecology & Biodiversity Conservation (Level 7)	Every species matters. You study ecosystems, track endangered animals, and figure out how to stop poaching. You might work for NGOs, government parks, or international conservation groups.	Ecologist, Conservation Biologist, Environmental Educator, Park Planner, and Biodiversity Officer.	Biology (c), Mathematics (C), Physical Science (C), English (C)	27+
Bachelor of Science in Environmental & Geographical Science (Level 7)	Climate change, desertification, water scarcity. Namibia faces huge environmental challenges. You're the person who understands them and finds solutions.	Environmental Scientist, Geographical Information Systems Specialist, Climate Change Analyst, and Environmental Impact Assessor.	Geography (d), Biology (d), Mathematics (C), Chemistry (C), English (C)	27+



UNIVERSITY OF NAMIBIA

Final Words

To the learner reading this:

You don't have to know exactly what you want to do for the rest of your life. Not many do at 17. But you probably know what interests you.

Look at the "What jobs can I get?" column.

Read it out loud. Does any of it make you feel something – excitement, curiosity, nervousness? That's your clue.

- If you keep looking at the mining engineering jobs, go talk to a Mining Engineer.
- If Social Work keeps catching your eye, volunteer at a children's home.
- If you're torn between three different things, good. That means you have options.

APPLICATIONS INFORMATION

Application Period: **22 May 2026 – 30 September 2026**

How to apply

- Applications are made online only, and should be completed at www.unam.edu.na/online-application
- Access the online Application Guide here: www.unam.edu.na/studyunam

Application Fees

Application fees (**non-refundable**) of N\$150.00 for Namibian students and N\$300.00 for international students should be payable into the below UNAM account or payment can be made at any UNAM Campus. Proof of application fee payment should be included as part of the application documents.

BANKING DETAILS

Account Name: University of Namibia

Bank Name: First National Bank Namibia

Account Number: 55500057621

Branch code: 281872

Swift code: FIRNNANX