Zambia's education system has evolved in several ways, including:

Access to education

Zambia's education system aims to ensure that all individuals have access to education and can participate in it. The country's Right to Education Act guarantees free basic education for all children, prohibits discrimination, and ensures equal access.

Education pathways

Children in Zambia typically start preschool at age 2 or 3, and then move on to primary school between ages 5 and 7. Secondary school begins between ages 11 and 14, and students typically finish around age 18 or older.

Higher education

The number of private universities and colleges in Zambia has increased in recent years, which has improved higher education.

Social studies

The social studies curriculum in Zambia integrates the social sciences and humanities to help students develop civic competence.

Teaching methods

Some schools in Zambia are using playful and hands-on teaching methods to engage students and help them learn.

Challenges

Zambia's education system faces challenges such as inadequate resources, poor-quality education, and a lack of resilience during emergencies.

COURSES

Bachelor of Social Work

A Bachelor of Social Work (BSW) degree program equips students with the knowledge and skills to address societal issues, promote social justice, and improve the well-being of individuals, families, and communities:

Curriculum

BSW programs typically include a blend of theory and practice courses, such as community development, social administration, and evaluation research. Students may also complete field work placement exercises.

Career opportunities

Graduates can work in a variety of settings, including family service centers, children and youth centers, hospitals, hospices, and other community or social service agencies.

Job outlook

The social work field is expected to grow by 9% from 2021 to 2031.

Accrediting body

The Council on Social Work Education (CSWE) is the national accrediting body for all bachelor's and master's level social work programs.

Some roles of a social worker include:

Client assessment

Developing and implementing treatment plans

Securing and facilitating access to resources

Monitoring and evaluating progress

Client advocacy

Empathy and active listening

Respect for individuality

Building trust

Requirements for a Bachelor of Social Work (BSW) vary by institution, but may include:

University of ZambiaRequires a grade of 6 or better in English Language and any three subjects from a list, plus any one subject from another list

Law

History

The School of Law is one of the oldest and most prestigious law schools in Zambia. It has educated many of the country's prominent lawyers, both in government and the private sector.

Programs

The school offers a Bachelor of Laws (LLB) program, which takes four years to complete. The first year is spent in the School of Humanities and Social Sciences, and the remaining three years are spent in the School of Law. The school also offers a Master of Laws (LLM) program, Postgraduate Diplomas in International Law and Human Rights Law, a Doctor of Philosophy (PhD) in Law, and a Post Doctorate program in Law.

Requirements

To be eligible for the LLB program, you need to meet one of the following requirements:

A full Grade Twelve (12) certificate with five (5) 'O' level passes with Credit or better

Three (3) Cambridge 'A' level passes, including English

A first degree in any field of study from a recognized University or institution

A professional qualification that is academically equivalent to a first degree

Post-graduate training

To practice law in Zambia, you need to complete a period of post-graduate practical training at the Zambia Institute of Advanced Legal Education.

Agricultural science

Agriculture science is a growing field that involves the production of food, feed, fiber, and fuel, as well as sustainable land management. Some courses and universities that offer agriculture science programs in Zambia include:

University of Zambia

Offers a variety of agriculture science programs, including Bachelor of Agricultural Sciences in Plant Sciences, Animal Sciences, Land Management, and Aquaculture. The university also offers a Bachelor of Food Science and Technology and a Bachelor of Science in Agricultural Extension. Admission requirements include a grade of 6 or better in English Language and Mathematics, plus Biology or Agricultural Science, Chemistry, or Physics.

Copperbelt University

Offers a Bachelor of Agriculture program.

Pamodzi University

Offers a Bachelor of Agriculture program.

Mulungushi University

Offers a School of Agriculture and Natural Resources.

Some common degrees in agriculture include:

Agricultural Economics, Agronomy, Animal Sciences, Food Sciences, Agricultural Extension Education, and Veterinary Medicine.

Some job profiles in agriculture include: Agriculture Officer, Researcher, Technologist, and Animal Breeder.

First Year Entry - Admission Requirements: Grade 6 or better in English Language and Mathematics PLUS Biology (or Agricultural Science) Chemistry, Physics OR Grade 6 or better in Science, Biology (or Agricultural Science) and any other acceptable subject.

Bachelor of Human Resource Management

A Bachelor of Human Resource Management (HRM) degree prepares students for careers in human resources in business, government, and non-profit organizations. Some courses that may be included in the program are:

Year 1

Basic economics, principles of accounts, communication, quantitative methods, principles of management, and principles of law

Year 2

Labor economics, cost management accounting, information technology, personnel management, HRM I, and introduction to industrial relations

Year 3

Financial management, industrial psychology, information technology and communication, HRM II, industrial relations, and labor law

Year 4

Research project, consulting in HRM and development, managing change, organizational behavior, HRM III, and HRM development II

Some universities and colleges in Zambia that offer a Bachelor of Human Resource Management degree include:

The University of Africa

Prepares students for professional careers in human resources

MU

Offers a Bachelor of Human Resource Management degree that includes courses such as gender and development, industrial relations II, and organization development II

CBU

Offers a Bachelor of Arts in Human Resource Management degree that prepares graduates to handle an organization's resources

The University of Zambia

Offers an online MBA in Human Resource Management degree

Human resource managers oversee the recruiting, interviewing, and hiring of new staff, consult with executives on strategic planning, and serve as a link between an organization's management and its employees.

Entry requirements

Some universities require a minimum of five "O" level credits, including English and Mathematics

Diploma

Some universities require a diploma in Human Resource Management or a relevant three-year accountancy diploma

A-level passes

Some universities require at least three "A" level passes, including Mathematics

Degree

Some universities accept any degree from a recognized institution

Some universities that offer a Bachelor of Human Resource Management in Zambia include:

The ZCAS University: Offers a Bachelor of Arts in Human Resource Management

Unilus: Offers a Bachelor of Science in Human Resource Management, which can be completed in four years

ICU Zambia: Offers a Bachelor of Human Resource Management, which can be completed in four years

University of Zambia: Offers an online MBA in Human Resource Management

Some job opportunities for people with a Bachelor of Human Resource Management include:

Human Resources Manager

Employee Relations Manager

Compensation or Benefit Analyst/Manager

HR Information Systems Manager

Training and Development Manager

Labor Relations Manager

To become a human resources manager, you typically need a bachelor's degree and several years of relevant work experience. Some positions may require a master's degree.

Education

Courses

The University of Zambia (UNZA) offers a variety of education courses, including:

Bachelor of Adult Education

Bachelor of Agricultural Science with Education

Bachelor of Arts with Education

Bachelor of Arts with Education in Zambian Cultures and Ceremonies

Bachelor of Arts with Library and information Studies

Entry requirements

UNZA's general entry requirements for undergraduates include:

Grade 6 or better in English Language and O' level Mathematics

Grade 6 or better in Biology, Chemistry and Physics

Or Grade 6 or better in Science, Biology (or Agricultural Science) and any other acceptable subject

Job opportunities

Education beyond secondary school can lead to higher pay in the public sector and in private sectors like mining and manufacturing.

Education system

Zambia's education system is structured as 7 years of primary school, 2 years of junior secondary school, 3 years of higher secondary school, and 4 years of university for undergraduate degrees.

Engineering

Courses

Some engineering courses include:

Civil engineering

Electrical and electronics engineering

Computer science and engineering

Information technology

Instrumentation and control engineering

Artificial intelligence and data science

Biomedical engineering

Entry requirements

To study engineering at the University of Zambia (UNZA), you need to meet the following requirements:

At least a credit or better in five "O" levels in mathematics, English, and an acceptable science subject

At least a credit or better in a Diploma (Technologist) or higher qualification in a relevant technical field

At least one year of relevant working experience after graduating with a Diploma

Universities

The Copperbelt University (CBU) offers the following engineering courses:

Bachelor's degree in civil engineering

Diploma in civil engineering and construction

Bachelor of mechanical engineering

BSc. mechatronics engineering

BSc. aeronautical engineering

Engineering is a discipline that uses science and math to design, test, and build machines, structures, and processes. It's a problem-solving field that can lead to a rewarding career.

Health Sciences

Courses

Chainama College of Health Sciences offers a variety of health science courses, including diplomas, post-basic diplomas, ordinary diplomas, and certificate programs. Some of the courses offered include:

Diploma in Clinical Medical Sciences General

Diploma in Environmental Health Sciences

Diploma in Registered Mental Health Nursing

Diploma in Optometry

Advanced Diploma in General Medicine

Advanced Diploma in Clinical Ophthalmology

Job opportunities

Some careers in health science include:

Doctors

Physicians assistants

Nurse practitioners

Physical therapists

Nurses

Pharmacists

Psychologists and counselors

Medical assistants

Radiology technologists

MRI or CT technicians

Entry requirements

Entry requirements for health science courses in Zambia include a full Grade 12 School Certificate or GCE with 5 credits or better. Four of the credits must be in English Language, Mathematics, Biology, and Science.

Universities and colleges

The University of Zambia offers a Bachelor of Science in Clinical Medicine for Clinical Officers.

Chainama College of Health

Project management

Project management involves initiating, planning, executing, controlling, monitoring and closing the work of a team to achieve specific goals and meet specific success objectives within a specified time. Project management comes with very specific and prominent constraints of scope, time and cost.

4 Degrees in Management Studies Project Management in Zambia for 2025

Unicaf University (ZM) Bachelor of Project Management. ...

Unicaf University (ZM) MBA Project Management – ZM. ...

The University of Zambia ECAMPUS. MBA in Project Management. ...

Mulungushi - ECAMPUS. Masters of Business Leadership in Project Management.

Bachelor of Business Administration

The aim of the BBA degree programme is to provide students with the opportunity to develop the analytical and high-level business skills required to deal effectively with rapid technological, organisational and environmental change in a modern business setting.

Eligibility Criteria:

The minimum entry requirements for admission is a full grade 12 certificate with five O'level credits including Mathematics and English.

Here are examples of a business administration course you could take within your area of specialty:

Accounting: Intermediate accounting.

Entrepreneurship: Business plan preparation.

Finance: Corporate finance.

Healthcare administration: Healthcare quality management.

Human resources: Employee and labor relations.

What is the job description of a business management and administration?

Careers in the Business Management and Administration cluster relate to planning, organizing, directing and evaluating business functions essential to efficient and productive business operations. Careers in leadership, management, and support roles are needed by all types of organizations to operate successfully.

Development Studies

Courses

The Master of Arts in Development Studies and Diplomacy from UNITAR is an interdisciplinary program that covers development studies, sustainability, and diplomacy. The Master of Development Studies (MDS) from Cavendish University Zambia helps students develop skills like critical thinking, problem-solving, and innovation.

Job opportunities

Development studies graduates can work in government, banks, and non-governmental organizations (NGOs). In government, they may work in planning and administration. In banks, they may work as loan officers, credit officers, or bank tellers. Development specialists may use computer applications like SPSS and Excel for statistical analysis.

Entry requirements

The Bachelor of Development Studies at UMP requires students to have the following entrance requirements:

Mathematics level 2 or Math Literacy level 3

English level 4

Geography/History and one other Social or Commercial Sciences Subject at level 4

Universities that offer development studies

The University of Zambia's Department of Development Studies is one of the largest departments in the School of Humanities and Social Sciences. The University of Sussex in the UK is considered the best university in the world for development studies.

Development studies is a field of study that covers a wide range of concerns, including poverty, environmental sustainability, climate change, and more.

Bachelor of Arts in Public Administration

Courses

A Bachelor of Arts in Public Administration focuses on building knowledge of public administration through academic and applied perspectives. The curriculum aims to develop skills and attitudes to respond to the complexity of public administration.

Job opportunities

Some jobs in public administration include:

Human resources officer

Team leader

Principal

Senior program management specialist

Chief of party

Entry requirements

Entry requirements for a Bachelor of Arts in Public Administration may include:

Passing Grade 12 or Form V with a minimum credit in at least five subjects including English Language

An 'O' Level certificate from a recognized Examination Board with a minimum grade C in at least five subjects including English Language

Universities that offer the course

Some universities that offer a Bachelor of Arts in Public Administration include:

Chalimbana

ZCAS University

The University of Zambia also offers a Master of Public Administration.

BSc Nursing

Nursing integrates the art and science of caring and focuses on the protection, promotion, and optimization of health and human functioning; prevention of illness and injury; facilitation of healing; and alleviation of suffering through compassionate presence

Five (5) 'O' levels in English, Mathematics, Biology or Science and any other two (2) subjects.

Post Basic B.Sc. in Nursing: This course helps deepen nursing knowledge and skills, often focusing on specialized areas. Master of Science in Nursing (M.Sc. Nursing): This is a popular choice for those looking to specialize in areas like pediatric nursing, psychiatric nursing, or critical care.

Bachelor of Public Relations and advertising

Grade 6 or better in English Language

Credit 6 or better in ANY THREE subjects chosen from the following: History, Geography, Mathematics, Economics or Commerce or Principles of accounts or Business Studies, English Literature or Zambian language or French or Religious, Food and Nutrition or Home Management or Home Economics or Art or Music or Design and Communication or Art and Design Education or Computer Studies, Development Studies or Civic Education and Additional Mathematics.

Grade 6 or better in any one subject chosen from the following category: Human and social Biology, Biology, Science, Physics , Chemistry, Combined Science, Physical Science, Agricultural Science, Zoology, Geology, Geometrical and building Drawing, Geometrical and Mechanical Drawing, Technical Drawing, Surveying, Metal Work, Woodwork, Design and Technology.

Admission Requirement for Diploma Holders:

Diploma holders with credit or better from a recognized media or public relations institutions may enter the Bachelor of PR and Advertising degree programme at second year provided such applicants have:

5 0 level passes, which include English, Mathematics and Sciences; and

At least one year proven relevant working experience.

Electrical and Electronic Engineering

Electrical and electronic engineering is a field that involves the study of electrical energy generation, transmission, and distribution. It also includes the application of electrical circuits and electromagnetism to solve problems in power systems. Some courses in this field include:

Engineering Electromagnetics

Digital Signal Processing

Electrical Instrumentation

Electronic Engineering III

Communications Principles

Microcontroller Technology and Embedded Systems

Engineering Management & Entrepreneurship

Some job opportunities for electrical and electronic engineering graduates include:

Digital Electronics Design Engineer

Graduate Antenna Engineer

Graduate Electrical Design Engineer

Group Head of Engineering and Quality

Project Leader

Research Engineer – Embedded Systems

Entry requirements for electrical and electronic engineering programs may include:

Completing 12 years of primary and high school education

Achieving a minimum score on an English test like the IELTS or TOEFL

Undergoing an interview

Achieving a minimum aggregate on a secondary education certificate

Having an artisan or craft certificate in a relevant program

Some universities and colleges that offer electrical and electronic engineering courses include:

UNZA, USM, CMRIT, University of Johannesburg, Sandip Foundation, and Coventry University.

Agricultural Economics And Extension Education

Agricultural Economics and Extension Education is a field that studies the intersection of social science and agricultural production, marketing, and other areas. Some courses and programs in this field include:

Undergraduate and postgraduate programs

The Department of Agricultural Economics and Extension at the University of Zambia (UNZA) offers undergraduate and postgraduate programs in areas like food security, agribusiness, rural sociology, and environmental economics.

Major courses

Some major courses in Agricultural Economics and Extension Education include agricultural administration, communication, agricultural extension education, program planning, and gender issues.

Admission requirements

Admission requirements for the Bachelor of Science in Agricultural Economics at UNZA vary depending on the applicant's background. For example, applicants with a diploma from a recognized agricultural institution must have at least five O' level passes, including English, Chemistry, Physics, Mathematics, and Biology or Agricultural Science.

Job opportunities

Professionals in Agricultural Economics and Extension Education can work in research, policy analysis, and management.

Agricultural education is formal education that typically occurs before entering the workforce, while agricultural extension is nonformal education that typically occurs after entering the workforce.

Bachelor Of Education (Environmental Education)

Agricultural Economics and Extension Education is a field that links social science disciplines with agricultural production, marketing, processing, and retailing. Here is some information about courses, job opportunities, and requirements for entry into Agricultural Economics and Extension Education:

Courses

Courses in Agricultural Economics and Extension Education include agricultural administration, communication, agricultural extension education, program planning, and gender issues.

Job opportunities

Extension agents are responsible for bringing together the needs of farmers, the government, and the economy. They work to increase incomes and living standards for rural people.

Requirements for entry

Requirements for entry into Agricultural Economics and Extension Education programs vary by institution and program:

University of Zambia: Applicants for the Master of Science in Agricultural Economics program must have a Bachelor of Sciences in Agricultural Economics with credit or better from the University of Zambia or another recognized university.

University for Development Studies: Applicants for the BSc. Agriculture Technology (Agricultural Economics and Extension) program must have at least C6 in all three Core and Elective subjects on WASSCE.

Universities and colleges that offer courses

The University of Zambia offers undergraduate and postgraduate programs in Agricultural Economics and Extension Education.

Bachelor of Medicine and Surgery

Courses

A medicine and surgery degree, such as an MBChB, is typically a five-year course that covers basic, pre-clinical, paraclinical, and clinical sciences. After completing the course, students can specialize in various areas, such as general surgery, anesthesia, radiology, orthopedics, and more.

Job opportunities

A career in medicine and surgery can lead to a variety of jobs, including family medicine physician, internal medicine physician, anesthesiologist, pathologist, neurologist, trauma surgeon, allergist and immunologist, and ophthalmologist.

Requirements

Entry requirements for medicine and surgery courses vary by school, but may include a bachelor's pass in Grade 12, and meeting minimum requirements in English, Mathematics, Physical Sciences, and Life Sciences (Biology).

Universities

Some universities in Zambia that offer medicine and surgery courses include:

University of Zambia School of Medicine: Zambia's first medical school, located at the University Teaching Hospital (UTH) and The Ridgeway Campus in Lusaka

CUZ School of Medicine: A private medical school in Lusaka

Lusaka Apex Medical University: A private medical school in Lusaka

Gideon Robert University School of Medicine and Dental Surgery: A private medical school in Lusaka

Bachelor Of Pharmacy (B. Pharm)

Courses

Pharmacy courses include:

Diploma in Pharmacy

Bachelor of Pharmacy

Master of Pharmacy (Pharmaceutics)

Master of Pharmacy (Quality Assurance)

Entry requirements

Entry requirements for pharmacy courses vary by university, but typically include:

Completing higher education from a national or state-level education board

Studying Physics, Chemistry, Mathematics, or Biology and English

Being at least 17 years old by December 31 of the year of admission

Universities

The University of Zambia offers a Bachelor of Pharmacy course. Applicants must have at least four "A" level passes, including pure or combined sciences and mathematics, and five "O" level good passes. The University of Zambia's Department of Pharmacy is located in the School of Health Sciences.

Bachelor of Science in Mathematics

Courses

Some courses in Science in Mathematics include linear algebra, which helps analyze and manipulate data, and numerical analysis, which focuses on developing algorithms and methods.

Job opportunities

Some job opportunities for people with a background in Science in Mathematics include:

Expert or tutor in STEM subjects

Internal auditor

Mechanical section incharge

Store keeper

Tyre officer

Procurement officer

Fireman

Quality control and assurance supervisor

Entry requirements

Entry requirements for Science in Mathematics programs may include:

Two A-level passes in Mathematics and another science subject

A minimum of Upper Credit in OND/NCE Mathematics or Statistics from a recognized college or polytechnic

Universities

Some of the best universities in the world for mathematics include:

Stanford University

Princeton University

Massachusetts Institute of Technology (MIT)

University of Oxford

Harvard University

University of Cambridge

Sorbonne Universite

University of California Berkeley

Bachelor Of Science In Physiotherapy (Bscpt)

Courses

Physiotherapy courses typically include a mix of lectures, practical learning, and placements. Some courses may also include research and evidence-based practice.

Job opportunities

Physiotherapists can work in a variety of settings, including hospitals, private practices, community health services, and professional sports teams. They can also work in research or training, or become self-employed.

Entry requirements

Entry requirements for physiotherapy courses vary by institution, but may include:

Completing Class 12 with Physics, Chemistry, and Biology

Achieving a minimum aggregate of 50–60%

Passing an entrance exam

Registering online with the college or university's website

Professional recognition

After completing a physiotherapy degree, you can register with the Health and Care Professions Council (HCPC) and join the Chartered Society of Physiotherapy (CSP).

Bsc Environment Health

Courses

Environmental health training is typically offered as an undergraduate or Master's degree at an accredited institution by the Chartered Institute of Environmental Health (CIEH).

Job opportunities

Environmental health specialists are expected to be in increasing demand, with a projected 5% increase between 2021 and 2031. Possible careers include:

Environmental health specialist

Government policy advisor

Administrator

Lecturer and researcher

Private entrepreneur

Health planner

Epidemiologist

Health promotion

Entry requirements

Entry requirements for environmental health courses may include:

Grade 6 or better in English language

Grade 4 or better in O' level mathematics

Grade 6 or better in biology, chemistry, and physics

A medical degree or Bachelor's degree with credit or better from a recognized university

At least two years post qualification experience

Some universities and colleges that offer environmental health courses include:

University of Zambia: Offers a Bachelor of Science in Environmental Health and a Master of Public Health in Environmental Health

Rusangu University: Offers a BSc in Environmental Health

Certificate in Occupational Health

Occupational health is a public health field that focuses on the physical, mental, and social well-being of workers. It involves improving working conditions and environments, and developing work cultures that support safety and health.

Here are some courses and institutions that offer occupational health programs:

Professional Diploma in Occupational Health and Safety: A short course at MU that teaches students how to improve workplace safety and health, identify hazards, and understand the legal and legislative requirements for occupational health protection

Bachelor in Occupational Health and Safety Management: A program at UNICAF University that teaches students how to communicate technical and regulatory information, set goals, and practice ethical standards

Bachelor of Science (Occupational Health and Safety): A program at the University of Zambia

Some requirements for becoming an occupational health specialist include:

A minimum of five years of experience, as required by many employers

Appropriate training in the required field

Occupational health professionals include engineers, environmental health practitioners, chemists, toxicologists, doctors, nurses, and safety professionals.