ESWATINI GOVERNMENT

MINISTRY OF LABOUR AND SOCIAL SECURITY

Priority Programmes Of Study To Be Funded By The Government Of Eswatini Through The Pre- Service Tertiary Education And Training (Ptet) Program

2023- 2027

Application Period:
External Tertiary Institutions:
SADC (Botswana, Lesotho, Zimbabwe, Tanzania, Kenya)-
Month- May
SADC (South Africa, Namibia)-
Month- November- December

Local Tertiary Institutions
Month- June- July

Application website:
https://www.slas.gov.sz

Contact: Scholarship Offices
*Tel: +268 2404 2515 **or***
+268 2404 6442

Priority List for Scholarships for 2023- 2027

Eswatini continues to face structural impediments that hinder economic growth and keeps unemployment high particularly among the youth. The elasticity of employment to growth appear constrained by structural factors such as among others: (i) large skill mismatches in the labour market, particularly for higher education skills leading to poor absorbtion into the labour market, low productivity and poor job creation opportunities (National Skills Audit 2022).

Reforms in the country's skills development efforts could support increase in the elasticity of employment to economic growth, and addressing skill mismatches and human capital development could potentially improve long-term growth and employment dynamics. To this end the Ministry of Labour and Social Security through the National Skills Audit 2022 has identified skills/ human development areas that the Government needs to focus on for economic growth hence the priority programmes below for 2023- 2027.

The areas of human resource skills development for the country are categorised into eleven (11) Science Technology Engineering and Mathematics (STEM) thematic areas which include: Natural

Sciences, Engineering and Technology, Medical and Health Sciences, Agricultural Science, Economics and Business, Information Communication and Technology, STEM Education, Social Sciences, Tourism and Hospitality, Environmental Sciences and Manufacturing and General Industry.

SECTION A: PRIORITY LIST OF LOCAL TERTIARY INSTITUTIONS 2023- 2027

I. The following are tertiary institutions in the country funded by the Government of Eswatini through the Pre- Service Tertiary Education and Training Loans programme:

a. University of Eswatini
b. Limkokwing University of Creative Technology
c. Eswatini Medical Christian University
d. Southern African Nazarene University
e. Eswatini College of Technology
f. William Pitcher College
g. Ngwane Training College
h. Good Shepherd College of Nursing
i. Eswatini Medical Rescue College
j. Advanced School of Science and Technology (ASIT/ RSTP)
k. Gwamile – VOCTIM (Vocational and Commercial Training Institute Matsapha)
l. Botho University (Eswatini Campus only)
m. Institute of Development Management (IDM)

SECTION B: PRIORITY LIST FOR PROGRAMMES FROM LOCAL TERTIARY INSTITUTIONS 2023- 2027

UNIVERSITY OF ESWATINI

AGRICULTURE
B.Sc. in Agricultural Economics & Agribusiness Management
B.Sc. in Agricultural Education
B.Sc. in Agricultural Extension
B.Sc. in Agronomy
B.Sc. in Animal Science
B.Sc. in Animal Science (Dairy)
B.Sc. in Horticulture
B.Sc. in Agricultural & Bio-systems Engineering

COMMERCE
Bachelor of Commerce

CONSUMER SCIENCES
B.Sc. in Food Science, Nutrition & Technology
B.Sc. in Consumer Science
B.Sc. in Consumer Science Education
B.Sc. in Textile and Apparel Design & Management

EDUCATION
Bachelor of Education Primary (Language Arts)
Bachelor of Education Primary (Social Studies)
Bachelor of Education Primary (Science)
Bachelor of Education Secondary (Science)
Bachelor of Education Secondary (Business Education)

Bachelor of Education Secondary (Humanities)

HEALTH SCIENCES
Bachelor of Nursing Science
Bachelor of Science in Environmental Health Science
Bachelor of Science in Environmental Health & Food Science
Bachelor of Science in Environmental Management & Occupational Safety & Health
Bachelor of Science in Environmental Management & Water Resources

HUMANITIES
Bachelor of Arts in Journalism & Mass Communication

SCIENCE & ENGINEERING
Bachelor of Engineering (Electrical & Electronic)
Bachelor of Science
Bachelor of Science in Information Technology
Bachelor of Science in Computer Science Education
Bachelor of Science in Information Science
Bachelor of Science in Geographic Information Science

SOCIAL SCIENCES
Bachelor of Arts in Social Science
Bachelor of Social Work

LIMKOKWING UNIVERSITY OF CREATIVE TECHNOLOGY

Associate Degree in Architecture
Associate Degree in Business Information Technology
Associate Degree in Business Management
Associate Degree in Creative Multimedia
Associate Degree in Event Management
Associate Degree in Graphic Design
Associate Degree in Hotel Management
Associate Degree in Information Technology
Associate Degree in International Tourism
Associate Degree in Journalism and Media
Associate Degree in Music Design
Associate Degree in Public Relations
Associate Degree in TV and Film Production

ESWATINI MEDICAL CHRISTIAN UNIVERSITY
Bachelor of Science in Computer Science
Bachelor of Science in Nursing Science
Bachelor in Psychology
Bachelor in Radiography
Bachelor in Pharmacy
Bachelor in Medical Laboratory
Bachelor in Social Work

SOUTHER AFRICAN NAZARENE UNIVERSITY
Diploma in Pharmacy
Primary Teacher Diploma
Bachelor in Medical Laboratory
Bachelor of Science in Nursing & Midwifery
Diploma in Entrepreneurial & Business Management

ESWATINI COLLEGE OF TECHNOLOGY
Automotive Engineering
Diploma in Architectural Technology
Diploma in Building Studies
Diploma in Commercial Teaching
Diploma in Computer Science
Diploma in Electrical Engineering
Diploma in Hospitality and Tourism Management
Diploma in Human Resource Management
Diploma in Mechanical Engineering
Diploma in Office Management
Diploma in Quantity Survey
Diploma in Automotive Engineering Heavy
Diploma in Civil Engineering
Secondary Teacher Diploma in Information Technology

WILLIAM PITCHER COLLEGE
Secondary Teacher Diploma

NGWANE TRAINING COLLEGE
Primary Teacher Diploma

GOOD SHEPHERD COLLEGE OF NURSING
Diploma in Nursing
Diploma in Occupational Safety and Health
Post- Diploma Certificate in Mid- Wifery

EMERGENCY MEDICAL RESCUE COLLEGE
Diploma in Emergency Medical Care & Rescue
Diploma in Public Health
Diploma in Disaster Management
BSc in Emergency Medical Care & Rescue

ADVANCED SCHOOL OF INFORMATION TECHNOLOGY (ASIT- RSTP)
Information Security & Ethical Hacking
Cyber Security & Network Forensic
Aptech Certified Network Specialist
Arena Animation International Program
Aptech Certified Computer Professional
Aptech Certified Network Specialist

GWAMILE – VOCTIM: (VOCATIONAL AND COMMERCIAL TRAINING INSTITUTE MATSAPHA)

AUTOMOTIVE ENGINEERING DEPARTMENT
Diploma in Motor Vehicle Systems
Diploma in Vehicle Body Repairs

BUILDING AND CONSTRUCTION DEPARTMENT
Diploma in Bricklaying & Plastering
Diploma in Plumbing

COMMERCIAL DEPARTMENT
Diploma in Business and Finance Accounting
Diploma in Secretarial Studies

MACHANICAL ENGINEERING DEPARTMENT
Diploma in Mechanical and Manufacturing Engineering

ELECTRICAL ENGINEERING DEPARTMENT
Diploma in Electrical Installation

WOODWORK DEPARTMENT
Diploma in Carpentry & Joinery

BOTHO UNIVERSITY
BSc in Health Information Management
Bachelor of Commerce in Accounting
Bachelor of Business Administration in Business Management

BSc in Computing
BSc in Mobile Computing
BSc in Network Computing and Computer Forensics

INSTITUTE OF DEVELOPMENT MANAGEMENT (IDM)
Bachelor of Arts in Human Resource Management
Diploma in Procurement and Supply

SECTION C: PRIORITY LIST OF TERTIARY INSTITUTIONS OUTSIDE ESWATINI 2023- 2027

a. Nelson Mandela Metropolitan (Forestry)
b. North West University
c. University of Johannesburg
d. University of KwaZulu Natal
e. University of Pretoria
f. Tshwane University of Technology
g. Stellenbosch
h. University of Cape Town
i. University of Witwatersrand
j. University of Botswana
k. National University of Lesotho
l. University of Namibia
m. Namibia University of Science and Technology
n. University of Tanzania (Muhumbuli)
o. University of Nairobi
p. University of Zimbabwe
q. Zimbabwe College of Forestry
r. Botswana International University of Science Technology (BIUST)

SECTION D: PRIORITY LIST FOR PROGRAMMES OF STUDY OUTSIDE ESWATINI 2023- 2027

FIELD OF NATURAL SCIENCES

- Biochemistry
- Marine science
- Human Genetics/ Microbiology
- Geology/ Environmental Geology
- Meteorology, Aviation studies
- Biotechnology
- Metallurgy
- Neuroscience

FIELD OF AGRICULTURAL SCIENCES
- Permaculture, Sericulture
- Forest, wood science and natural resource management

- Wildlife Production and Management
- Genetic Engineers/ Marine biologist
- Veterinary Science

FIELD OF MEDICAL & HEALTH SCIENCES
- Physio/occupational therapy, Chiropractic
- Medical Doctor (MBcHB)
- Nuclear medicine & radiation science
- Clinical health and clinical psychology
- Prosthetics/Orthotics, Podiatry
- Dentistry & Oral hygiene
- Bio-kinetics
- Optometry/ Ophthalmology

FIELD OF ENGINEERING & TECHNOLOGY
- Mining Engineering, air-conditioning
- Structural engineering
- Automation engineering
- Rigging
- 3-D Printing Technologists
- Sustainable Energy Technology
- Petroleum Engineering
- Refrigeration engineering
- Industrial Engineering
- Materials Sciences/Engineering
- Space-based Technologies
- Chemical engineering

FIELD OF ECONOMICS & BUSINESS

- Data Science
- Actuarial Science/ Financial Mathematics/ Business Science
- Business analytics/ Business informatics
- Investment management
- Property studies
- Insurance and Risk Management

FIELD OF INFORMATION, COMMUNICATION TECHNOLOGY

- Cloud Computing
- Data Analytics
- Robotics and Artificial Intelligence
- Smart Technologies
- Software Engineering

FIELD OF EDUCATION
- Special Needs Education
- Education Specialist in teaching and learning (online)

- Sports Development and Management
- Vocational Education
- Audiology
- Speech, language and pathology

FIELD OF HUMANITIES, TOURISM & ARTS
- Handicraft computer assisted manufacturing and graphic design
- Sound engineering

FIELD OF ENVIRONMENTAL SCIENCE
- Energy engineering/Energy Systems engineering
- Strata control
- Natural Resources Conservation and   Management
- Energy Distribution and Storage Management
- Renewable energy
- Mine planning, ventilation and surveying
- Earth Science

FIELD OF MANUFACTURING
- Industrial automation, CNC Machinist/ Technologists/ operators
- Plant operators- crane operators, painters, roof tilers,
- Milling/millwright, fitters
- Plant mechanics

❑ An emphasis on research and development and the skills to build resilient, effective, innovative, and solutions-centered research centers in Eswatini is important. Special emphasis is placed on researchers in cross-disciplines: people with exposure to world-class research centers, systems, and processes, who have developed capacity towards implementation and management of such programs in the kingdom.
❑ Expansion of training support beyond traditional tertiary and vocational institutions with thorough vetting to reach a wider base of the underserved and uneducated population.

Economic Focus Areas informing Selections:
1. **Agriculture:** Solving the food security issue is paramount to a civilization's survival, emergence, and growth. To that end, priority must be given to building sustainable and adequate food production. Israel presents a case study for high productivity in resource-limited settings and a trajectory for becoming an agricultural exporter.
2. **ICT:** This sector presents the single largest growth opportunity for Eswatini for increased productivity, innovation, and job creation. The world is rapidly moving towards smart technologies and building capacity to create relevant and marketable tech is essential. A focus on smart tech, data science, automation, advanced robotics, and the IoT will serve us well. Training in this sector can lead to rapid ROI and absorption of the unemployed into the job market.
3. **Energy:** We must invest in building systems to increase energy generation, efficiency in use and distribution, storage, and research and development. Energy can be a limiter to growth if not addressed.
4. **Education:** The need to spur reform in this sector can not be overstated. Ensuring the right and market-applicable skills and knowledge are being imparted to the right people is of huge importance to preventing a skills gap. Investments in blended learning and novel instructional solutions will yield tremendous dividends.
5. **Manufacturing & Industry:** Value-added goods and services using readily available raw materials and a focus on R&D on unexplored indigenous resources and their potential applications.
6. **Entrepreneurship & Services**: For this sector to function in assembling all these elements to create value, enhance living, and generate productivity, the type of entrepreneurship must be impact-driven and results-based.
7. **CUT OFF POINTS (APS)**
   The cut off points of APS is set at:
   a. **Undergraduate degree- Local- 30 APS- (5 credits)**
   b. **Diploma – 27 APS- (5 credits) with the exception of Gwamile VOCTIM.**
   c. **Undergraduate degree- External- 33 APS- (5 credits)**

NB: APS computed at best 5 passed subjects.