

DEPARTMENT OF GEOSCIENCES

School of Mines and Geosciences (SoMG)



University of Dar es Salaam

INTRODUCTION

Department of Geosciences is one of the three departments constituting the School of Mines and Geosciences of the University of Dar es Salaam, established in October 2020. The other two departments of the school are the Department of Petroleum Science and Engineering and the Department of Mining and Mineral Processing Engineering. The School of Mines and Geosciences was established by merging – in a manner to expand and consolidate – the two departments, Department of Geology from the College of Natural and Applied Sciences and the Department of Chemical and Mining Engineering. The Department of Geosciences trains geoscientists that serves in the mineral and energy exploration industry, government institutions and agencies, and other related sectors. The department is also actively engaged in geoscientific researches and public services in various areas related to geosciences across the country.

DEGREE PROGRAMS

The Department of Geosciences offers degree programs at the undergraduate level, Bachelor Degree (BSc); and at the postgraduate, Master's Degree (MSc) and Doctorate (PhD) levels.

- At the Undergraduate level, the department offers 4-year degrees in the following programs:

Bachelor of Science in Geology
Bachelor of Science with Geology
Bachelor of Science in Geology and Geothermal Resources
Bachelor of Science Mine Geology and Survey*

- At the postgraduate level, the department offers Masters and PhD theses degrees as well as the following coursework-and-dissertation degree programs:

Master of Science in Applied Geology*
Master of Science in Resource Modelling and Mine Projects*
Postgraduate Diploma in Environmental Geology and



Geohazards*

- Taught degree programs involve classroom lectures, practical sessions and fieldworks.

** proposed new degree programmes to be offered soon*

Entry Requirements

- Candidates aspiring to pursue undergraduate studies at the Department of Geosciences must have two principal passes in A-level basic science subjects, or equivalent qualifications including B+ grade at FTC level
- At postgraduate level, a honors degree in geology and MSc degree in geology from a recognized university are essential for admission to a MSc degree and PhD degree, respectively.
- Training costs, application procedures and other relevant information can be obtained at:
the university website www.udsm.ac.tz
the TCU website www.tcu.go.tz
the Department of Geosciences



RESEARCH AND CONSULTANCY

Department staffs are actively engaged in a wide range of research projects in geology and geosciences in general, and sometimes in collaboration with other disciplines within the University, across the country and abroad. The department and staff at the department also offers public services and consultancy in many aspects of geosciences, including:

- Mineral, groundwater, oil and gas exploration
- Geologic, geochemical and groundwater mapping
- Geohazards assessment and monitoring
- Environmental Impact assessment
- Laboratory analyses of mineral, rock, soil, and water samples



CONTACT

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