M.Sc in Geology

The MSc. degree course will be selected from one of the following areas of specialization.

- Mineralogy and Petrology
- Economic Geology and Mineral Resources
- Environmental Geology and Management
- Engineering Geology
- Hydrogeology and Groundwater Resource Management
- Petroleum Geology
- Marine Geology and Resources
- Applied Geochemistry
- Applied Geophysics
- Seismology
- Palynology and Micropalaeontology
- Mineral Exploration

Admission requirements

a. Applicants must be B.Sc. (or equivalent) holders in Geology (1st Class or Upper Second Class Honours or Lower Second Class Honours holders (coupled with a number of years of experience in a relevant field) from the University of Nairobi or from a recognized institution.

b. Holders of a pass degree and a postgraduate Diploma from the University of Nairobi or other Institutions recognized by Senate.

c. Holders of a pass degree from the University of Nairobi or other Institutions recognized by Senate with at least five years relevant post qualification experience.
M.Sc. in Chemistry
M.Sc. in Environmental Chemistry
M.Sc. in Analytical Chemistry
M.Sc. in Industrial Chemistry

Admission Requirements

a. Bachelor of Science Degree with at least Upper Second Class Honours in chemistry or chemistry combined with another science subject

b. Bachelor of Science Degree in chemistry or chemistry combined with another science subject, but at a lower grade than Upper Second Class Honours may be considered on production of evidence of proven research experience

M.Sc. in Meteorology
M.Sc. in Aviation Meteorology

Admission Requirements

a. A degree of the University of Nairobi of at least upper second in Meteorology or an equivalent qualification from any other institution recognized by the Senate.

b. A lower second class degree of the University of Nairobi in Meteorology or an equivalent qualification from any other institution recognized by the Senate plus at least two years relevant research/work experience.

c. A pass degree of the University of Nairobi in Meteorology or an equivalent qualification from any other institution recognized by the Senate, with a working experience of at least five years in a relevant research/ operational institution.

d. A degree of the University of Nairobi in any science based discipline or an equivalent qualification from any other institution recognized by the Senate, plus a Postgraduate Diploma in Meteorology

M.Sc. in Climate Change

Admission Requirements:

UoN Website | UoN Repository | CESSP

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a. A holder of first degree of the University of Nairobi (UoN) or an equivalent qualification from any other institution recognized by the Senate of UoN. In addition, the candidate must have any of the following qualifications:

b. At least Upper second class honours degree.

c. Second class lower division with a working experience of at least two years in a relevant research/operational institution.

d. Pass degree with relevant professional qualifications.

e. Pass degree with a working experience of at least five years in a relevant research/operational institution.

M.Sc. in Physics

Areas of Specialization

- Theoretical Physics
- Experimental Condensed Matter Physics
- Geo- and Space Physics
- Electronics and Instrumentation
- Nuclear and Radiation Physics
- Laser Physics and Spectroscopy

Admission requirements

a. Standard University of Nairobi admission requirements apply for holders of Bachelor’s degree in Physics or related subject from the University of Nairobi or any other institution recognized by senate. In addition:

b. 2ND Class (Lower) degree holders require TWO (2) years relevant research/Work experience

c. PASS degree holders require at least FIVE (5) relevant research/Work experience.

The mode of Learning is Full-Time
This programme is available through research and thesis in all the twelve areas of specialization outlined in the M.Sc. programme. For details contact the Department of Geology.
Postgraduate Diploma in Operational Hydrology

Admission Requirement
A holder of first degree of the University of Nairobi or an equivalent qualification from any other institution recognized by the Senate, in Meteorology, Mathematics and Physics, Physics and Chemistry, Applied Mathematics, Geography, geology and Mathematics, Agricultural engineering, Civil Engineering, Mechanical Engineering, Computer Science, mining, geophysics or equivalent are also eligible for registration.

Postgraduate Diploma in Natural and Environmental Disaster Management

Admission Requirements

- A holders of a degree from the University of Nairobi or from a recognized University in the following disciplines; architecture, biological sciences, health science, chemistry, engineering, environmental science, geography, geology, hydrology, land development, meteorology, physics and urban and regional planning.

Postgraduate Diploma in Meteorology

Admission Requirements

- A holder of first degree of at least pass level, of the University of Nairobi or an equivalent qualification from any other institution recognized by the Senate. In addition, the candidate must have any of the following background qualifications: Mathematics and Physics, Mathematics and Physics done in the First Year, Mathematics, Chemistry and Physics done in the First Year, Physics and Chemistry, Applied Mathematics with any other science subject, Agricultural engineering, Civil Engineering, Electrical Engineering, or Mechanical Engineering, Computer Science

Postgraduate Diploma in Aviation Meteorology

Admission Requirements

- A holder of first degree of the University of Nairobi or an equivalent qualification from any other institution recognized by the Senate, in Meteorology, Mathematics and Physics, Physics and Chemistry, Applied Mathematics, Geography and Mathematics, Engineering, or Computer Science
1. Organic
2. Inorganic
3. Physical
4. Analytical
5. Industrial
6. Environmental

**Admission requirements**
- Bachelor of Science Degree in chemistry or chemistry combined with another science subject
- M.Sc. in Degree in chemistry

**Doctor of Philosophy Meteorology**

**Admission requirement**
- A holder of a Master’s degree in Meteorology, Agrometeorology, and Aviation Meteorology, Climate Change, or its equivalent from the University of Nairobi or any other institution recognized by Senate.

**PhD in Physics**

Areas of specialization are the same as in the MSc. (Physics) Programme.

**Admission requirement**

a. Standard University of Nairobi admission requirements apply for holders of Masters degree in Physics or related subject from the University of Nairobi or any other institution recognized by senate. In addition:

b. The candidates must submit a PhD. Proposal to the Department of Physics

c. The mode of Learning is **Full-Time**

**Contact:**
Dean, School of Physical Sciences,
Chiromo Campus,
Tel: 020-4442482; or Tel: 020-4452308/0721-742930.
email: infoscience@uonbi.ac.ke

**Source URL:** [http://cessp.uonbi.ac.ke/node/1151](http://cessp.uonbi.ac.ke/node/1151)

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