

CLIMATOLOGY

for HIGH SCHOOL GRADUATES!

The Faculty of Geographical Sciences of University of Łódź offers an opportunity to study BSc in English.

ARE YOU INTERESTED IN

- issues of contemporary problems of climate change and its impact on the environment and the economy?
- mechanisms driving the global climate system?
- methodologies of research used in modern climatology?
- practical applications of knowledge about the atmosphere?

JOIN US TO STUDY CLIMATOLOGY!

...AND GAIN A DEGREE OF BACHELOR OF SCIENCE IN CLIMATOLOGY!

CLIMATOLOGY- STUDY IN ENGLISH

The programme offers 1548 teaching hours in English (780 lecture and 768 classes hours). They are divided into modules. Here are some examples:

I. Core module:

Physical and Astronomical Basis of Atmospheric Sciences, Mathematical Methods in Climatology, General Meteorology and Climatology, Fundamentals of Physical Geography for Climatologists, Hydrology and Oceanography

II. Methods of data collection and analysis:

Statistical Methods in Climatology, Climatological Databases, Fundamentals of GIS, Measuring Methods and Instruments

III. Modelling:

Methods of Numerical Modelling of the Atmosphere

IV. Applications :

Agricultural Meteorology, Biometeorology, GIS in climatology, Pollution in the Atmosphere, Synoptic Meteorology

V. Current Trends in Climatology:

Urban Climate, Historical Climatology, Contemporary Problems of Climate Change, Renewable Energy Sources

VI. Supplementary Courses:

Bachelor's Seminar, Field work: Mountain Climate and Meteorological Protection of the Coast and Lake Districts

CLIMATOLOGY

- EMPLOYMENT OPPORTUNITIES

Graduates will be prepared for work in :

governmental agencies concerned with the collecting and analysing of atmospheric data

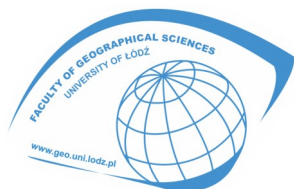
state research institutes

enterprises engaged in the exploitation of natural energy sources (e.g. solar energy, wind energy)

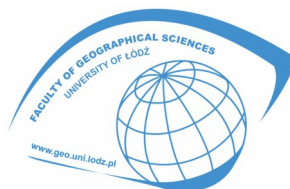
institutions engaged in environmental consulting in a broad sense

assessment of impact on climate on a local and global scale, the methods of prevention and adaptation, as well as the potential consequences of climate change

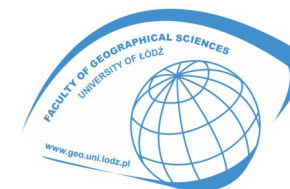
a good language and substantive background will also enable them to undertake work with international institutions working for the natural environment, both in the countries of the European Union and worldwide (e.g. the World Meteorological Organization)



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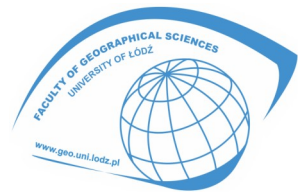


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Bachelor's degree in English

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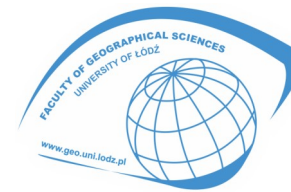
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## CONTACT US

For further information contact us at:



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Small groups to guarantee individual approach to all students

Field works

All courses in English

#### General inquiries:

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University of Lodz

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[www.iso.uni.lodz.pl](http://www.iso.uni.lodz.pl)

#### Detailed information:

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Department of Meteorology and Climatology

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<http://meteo.geo.uni.lodz.pl/uploads/climatang>

## CLIMATOLOGY

### Studies in English

Bachelor's degree

All courses in English

