

PARTNER UNIVERSITIES



And other universities in australia, SE Asia, Africa, Europe, and the USA (Collaborations agreement under process).

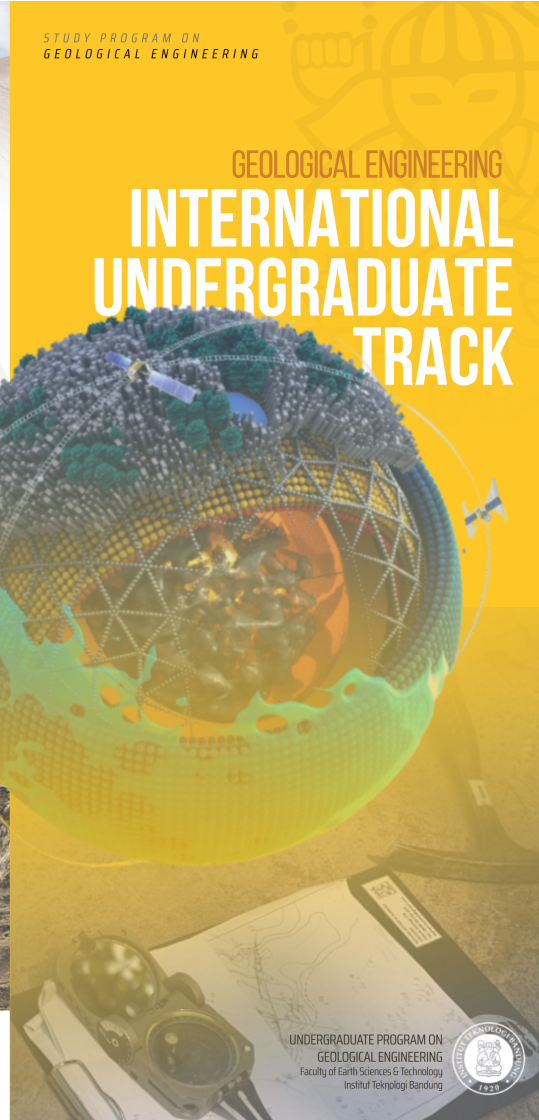


STUDY PROGRAM ON
GEOLOGICAL ENGINEERING

GEOLOGICAL ENGINEERING INTERNATIONAL UNDERGRADUATE TRACK

General information, requirements & documents, schedule, admission & tuition fees, academic qualification test, and online registration can be found in <https://admission.itb.ac.id>

For more inquiries & questions, please contact international-gl@itb.ac.id



UNDERGRADUATE PROGRAM ON
GEOLOGICAL ENGINEERING
Faculty of Earth Sciences & Technology
Institut Teknologi Bandung



WHAT IS GEOLOGY

Geology (plural: geologies) is a science that deals with *the history of the earth and its life* especially as *recorded in rocks*. Geology's field of study comprises of:

- Engineering Geology
- Environmental Geology
- Geomorphology
- Hydrogeology
- Petrology
- Palaeontology
- Sedimentology
- Structural Geology
- Vulcanology
- Renewable Energy

WHAT DOES GEOLOGIST DO



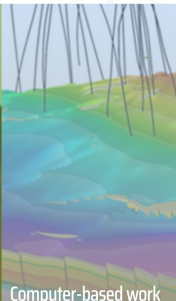
Field work and mapping

Observing rock types, geological structures and processes and their relations to produce a geological map.



Laboratory work and analyses

Researchers usually conduct laboratory experiments and analyses related to geology and resources exploration.



Computer-based work

Geologist will do their work with specific software to produce 2D and 3D modeling and calculation.

WHY YOU SHOULD JOIN INTERNATIONAL UNDERGRADUATE TRACK

GLOBAL PERSPECTIVE

Studying internationally provides exposure to diverse cultures, perspectives, and ways of thinking.

International undergraduate track allows students to access high-quality education, advanced research facilities, and expert faculty members in their chosen field.

ACADEMIC EXCELLENCE

LANGUAGE SKILLS

Acquiring fluency in a foreign language enhances communication skills and opens doors to global employment opportunities.

Studying internationally facilitates the development of a global network of peers, professors, and professionals from different backgrounds.

NETWORKING & CONNECTIONS

PERSONAL GROWTH

Living in a foreign country encourages adaptability, resilience, and problem-solving skills, which are highly transferable and beneficial in various aspects of life.

International exposure and a global network can significantly enhance job prospects.

CAREER OPPORTUNITIES

CULTURAL ENRICHMENT

Experiencing new traditions, cuisines, and lifestyles fosters appreciation for diversity and broadens one's cultural horizons.



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Research & Education

Work in universities & conduct research in Geological Agency.

Mining

Geologist works in finding & production of mineral resources as well as in mining consultation companies.

Energy

Finding and producing resources for companies in energy sector.

Engineering

Be involved in surface & subsurface engineering for artificial structure & construction.

Environment

Applied geological principles to solve water & soil problems.

Geological Hazard

Study and communicate the danger of geological hazard to reduce the negative effects of them.

WORK OPPORTUNITIES

VARIOUS JOB OPPORTUNITIES TO UNCOVER