

WHY CHOOSE SEG?

- Learning based on information technology literacy, problem solving skills, field work and industrial visits.
- Assessment based on collaboration, creative presentations/infographics, fieldwork reports and projects related to geology/geoscience.
- Interactive learning inside and outside the lecture room as well as fostering students' soft skills such as communication skills, negotiation and others.

TESTIMONY



Geosciences Program UMK has revealed to students about the things that related to the essential work of geology from the point of view of modern application of geology as well as the basics physical and mental practicality as a geologist. Software applications taught at the University as well has been fully used during industrial work and has become an additional quality individuals from UMK graduates compared to other graduates. ”

Abd Hadi Bin Shaik Yusof
Kumpulan Semesta Sdn Bhd
Anak Syarikat Selangor



Faculty of Earth Science
Universiti Malaysia Kelantan Jeli Campus
17600, Jeli Kelantan
Tel: **09-9477030** Fax: **09-9477032**
① GEOFSBUMK
② Geoscience UMK
③ geosainsumk

KEUSAHAWANAN TERAS KAMI • ENTREPRENEURSHIP IS OUR THRUST



UNIVERSITI
MALAYSIA
KELANTAN



**BACHELOR OF APPLIED SCIENCE
(GEOSCIENCE) WITH HONOURS**

FACULTY OF EARTH SCIENCE

#nevergiveupneversurrender

BACKGROUND

Geoscience Program provides the understanding needed to find and use the earth's resources responsibly and sustainably. This program applies a learning system that combines the basic knowledge of geoscience and appropriate applications. The graduates are expected to specialize in the management of natural geological resources to ensure the continuity of the earth's resources for future benefits.

COURSES OFFERED

- Introduction and Professional Ethics in Geoscience
- Crystallography and Mineralogy
- Geological Mapping
- Geophysics
- Paleontology
- Mineral Resources
- Engineering Geology
- Petroleum Geology
- Environmental Geology
- Electives (Oil & Gas Package, Engineering Package, Hydrogeology Package, Mining Package and Geoheritage Package)

CAREER PROSPECTS

- Officer in the Department of Minerals and Geosciences
- Geologist (Engineering, Petroleum)
- Geophysicist
- Geochemist
- Hydrogeologist
- Lecturer
- Geotechnical Engineers (Government Agencies like JKR) and construction companies
- Environmental Consultant
- Entrepreneur in the field of Geology & Geotechnics
- Others such as Mudlogger, GIS & Remote Sensing (Oil exploration companies, GIS and Remote Sensing related companies)

DURATION OF STUDY
8 SEMESTERS (4 YEARS) + SHORT SEMESTER

ADMISSION REQUIREMENT

MATRICULATION/ FOUNDATION

Minimum PNGK 2.00 and minimum Grade C (Matriculation/ Foundation) in one of the subject; Chemistry, Biology, Physics, Mathematics, Chemistry (Engineering), Physics Engineering) or Basic Engineering.

STPM (SCIENCE BASED)

Minimum PNGK 2.00 and minimum Grade C (STPM) in one of the subject; Chemistry, Biology, Physics, Mathematics (T).

STPM (LITERATURE BASED)

Minimum PNGK 2.50 and minimum Grade C (STPM) in one of the subject; Mathematics (T), Mathematics (M) or Geography and minimum Grade D (SPM) in one of the subject; Physics, Biology or Chemistry.

DIPLOMA

Minimum PNGK 2.50 and diploma recognized by MQA and UMK Senate or other equivalent approval.

STAM

Minimum Jayyid Jiddan (STAM) and minimum Grade C (SPM) in one of the subject; Biology, Physics, Chemistry or Mathematics.

SPECIAL AND GENERAL CONDITIONS

Not color blind and free from any chronic diseases such as: High blood pressure, Asthma, Heart OR Other chronic diseases AND MUET Level 2 (Band 2).

