

BACHELOR OF SCIENCE IN PETROLEUM GEOSCIENCE COURSE **INITIATED**



Following the recent discovery of oil and gas in Kenya and beyond, and in cognizant of the strategic direction the country has taken as outlined in the Vision 2030, the Bachelor of Petroleum Geoscience course is part of a set of academic programs at the School of Physical Sciences that has been motivated by the following needs at the National level:

- The need to provide qualified manpower to spearhead petroleum exploration, drilling, reserve estimation and development.
- The need to provide technically well informed managers at the decision making level for the oil industry
- The need to promote sustainable exploitation of national energy resources to spur economic activities in line with the goals of the Vision 2030

The Department of Geology will offer the new undergraduate program for the B.Sc. degree in Petroleum Geoscience based on the course unit system. The program in Petroleum Geoscience will focus on modern natural resource industries, which will not only involve the exploration phase, but also their development and management practices. This program aims

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to offer a coherent understanding of the areas of science that relate to the earth's petroleum resources including their nature, origin, distribution, discovery and exploitation. The course is designed to impart practical knowledge and the ability to understand the geological and technological complexity of the petroleum systems. The practical training and hands-on experience will be achieved through partnerships and collaborations between the Department and the players in the petroleum industry. Students who specialize in Petroleum Geoscience will be required to enroll for appropriate pre-selected courses in Chemistry, Mathematics and Physics in their 1st and 2nd year of their study in this program.

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