SS2 EDUCATION GUIDE

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instruments in the lab.

Big potential in oil sector

UCSI University petrochemical engineering graduates are highly sought-after by companies.

acute awareness of its depletion has led to extensive research on alternative, renewable sources of energy. The world economy is still very much affected by the fluctuating price of petroleum, and more sophisticated techniques are being developed to find the resource. Graduates in this field of study remain.

Graduates in this field of study remain one of the most highly paid and soughtafter candidates. Upstream oil and gas
companies and related firms employ most
of them even before they complete their
programme due to high global demand. The
advancements in current petroleum industries have spurred the creation of such
courses at UCSI University.

According to the founder and head of the Chemical/Perochemical Department in UCSI University Faculty of Engineering, Architecture and Sulf Environment, Prof Dr Architecture and Sulf Environment, Prof Dr near, you will be working with geologists, goophysicists and drilling contractors involved in the design and supervision of drilling operations. On the other hand, if you are a petroleum engineer, you will be for the development of new oil and gas

fields."

A Chemical and Petrochemical

Engineering degree programme may be another option for those who wish to put sue a career in industrial chemical engineering. This programme is designed to equip students with a solid foundation in chemistry, physics, mathematics, mechaical and electrical engineering, and their industrial anotherities.

Industrial applications.
This UCSI University programme is unique as it allows students to utilise advanced analytical equipment to carry out experiments to complement the theoretical components of the programme. High technology tertifies equipment such as sac shrough.

matography, infrared, ultraviolet, spectrophotometers, and a wide range of crude oil assessment equipment can be utilised by students.

Such advanced technology equipment is usually made available only to students at the masters level. The equipment was purchased and installed after surveys were made of such laboratories in world-class petrochemical engineering schools in the United States such as, at the University of Tuks, as well as at Imperial College and Aberdeen University of Tuks, as well as at Imperial College and Aberdeen University of Tuks, as well as the State St

University in Britain.
To further equip students and enable them to be industry-ready, UCSI University has set up and equipped its petroleum engineering computer laboratory with reservoir and multilateral drilling simulation

software,
Students will be able to experience the
simulated environment and "see" how the
knowledge they have acquired is utilised in

engineer's job is an exciting but demanding one. You get to travel worldwide as overseas assignments are plenty. As a petroleum engineer, you will apply all the basic engineering sciences you have learnt, and use them to identify, formulate and solve petroleum-engineering problems.

Challenges abound, it is a career, path that has given iob satifaction to many."

☐ To find out more, attend UCSI University Open Days from Feb 26-28, 9am-5pm and talk to their counsellors. You can call 03-9I0I 8880, e-mail www.ucsi.edu.my/onlineenquiry/or visit www.ucsi.edu.my.