



UCSI University's B. Eng. (Hons) Civil Engineering degree focuses on management skills and economics.

UCSI engineers students to industry requirements

UCSI University has designed its B. Eng. (Hons.) in Civil Engineering to provide a foundation for graduates to meet the demands of the construction industry.

The study offers a strong and balanced emphasis on theoretical concepts, engineering skills and teamwork.

Undergraduates will cover subjects such as structural analysis and design, geotechnical study, hydrology and hydraulics, highway and traffic, water and sewer systems.

All subjects carry an emphasis on management skills and economics.

The goal of the School of Engineering at UCSI University is to develop creative and well-trained engineers who can articulate their views well beside having a strong understanding of financial and ethical constraints.

The programme is designed for students who wish to combine intellectual talents with a

creative, innovative and practical outlook.

The B. Eng. (Hons.) in Civil Engineering requires students to undergo industrial training under the UCSI University Co-Operative Placement (Co-Op) training programme in the third semester of each year.

Under the Co-Op, they will learn from and familiarise themselves with the work environment.

Towards the end of their studies, students undertake a two-semester core project to enable their lecturers to assess their learning input and the outcome of their formal education.

They also undertake a research and development project in their final year of study.

By integrating work and study, the Co-op creates a conducive form of experiential learning environment for students.

Thus, UCSI University students are exposed to real-life settings where they are chal-

lenged to integrate their classroom learning in their jobs.

Each Co-Operative module is worth three credits and upon completion of each co-operative module students receive grades based on written assignments and their employers' evaluations.

Civil engineers can plan, design, construct and maintain buildings, airports, harbours, roads, railways, bridges and tunnels.

Without civil engineers, people would be stranded without piped water, roads and sewage systems.

Cities would also be devoid of efficiently-designed schools, public buildings and parking lots as these require civil engineers to coordinate with architects, city planners, utility companies and property owners to ensure their construction.

For details, call 03-91018880, visit www.ucsi.edu.my/onlineenquiry/ or www.ucsi.edu.my.