Why Join AUC’s Petroleum Engineering Program?

• AUC provides quality professional education that advances the ideals of American liberal arts and lifelong learning. As freedom of academic expression is fundamental to this effort, AUC encourages the free exchange of ideas and promotes open and ongoing interaction with scholarly institutions throughout Egypt and other parts of the world.

• The University environment is designed to advance the ideals of learning as well as the student's analytical skills, language, and personal skills.

• Students are taught by outstanding faculty members with PhDs from leading universities in the United States, Canada, Europe and Egypt. Faculty members have considerable professional experience gained through working for the petroleum industry in different capacities.

• AUC has one of the best English-language libraries in the Middle East, equipped with state-of-the-art information access technologies.

• The campus includes up-to-date computer facilities and software, as well as well-equipped experimental laboratories in nearly every specialty.

• Students receive a rich and diverse student life with a broad array of extracurricular activities.

• The New Cairo campus is a spacious, technologically advanced and environmentally sensitive, green city focused on educational and research.

• Students explore the wealth of the earth’s crust and engage in the development and production of energy resources.

• Graduates join a pool of qualified professionals that are in high demand in today’s job market in one of the highest paying industries.
Mission
The mission of the petroleum engineering (PENG) program is to provide students, with a small class, excellent petroleum engineering educators within the context of a liberal arts environment, and prepare them for a successful career in the petroleum industry – both locally and internationally.

Academic Offerings
The petroleum engineering program is approved by the Ministry of Higher Education. For details, visit https://sse.aucegypt.edu/departments/petroleum-engineering.

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Admission Requirements
Students are admitted to the program after admission through AUC’s system of declaration-at-the-gate or after successful completion of criteria courses. For admission, requirements are outlined in the department’s catalog. Core curriculum requirements must be completed for the degree of a Bachelor of Science in petroleum engineering.

Graduation Requirements
The petroleum engineering major is designed as a five-year program. A total of 162 credits must be successfully completed for the degree of Bachelor of Science in petroleum engineering.

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Facilities and Specialized Laboratories
The Department of Petroleum and Energy Engineering provides graduates with excellent opportunities in the regional and global job markets.

Extracurricular Activities
The department encourages students to participate in professional and honor societies in the field. The Society of Petroleum Engineers (SPE) student chapter (www.spe.org) was established to serve students of the department, in addition to students of other engineering programs. The AUC SPE student chapter participates in activities that enhance their social and practical skills, and serves their needs in the petroleum and energy engineering discipline. The AUC SPE chapter (www.spe.org) has won the prestigious Outstanding Student Chapter Award given by SPE International. The department encourages students to participate in professional and honor societies in the field. The Society of Petroleum Engineers (SPE) student chapter (www.spe.org) was established to serve students of the department, in addition to students of other engineering programs. The AUC SPE student chapter participates in activities that enhance their social and practical skills, and serves their needs in the petroleum and energy engineering discipline. The AUC SPE chapter (www.spe.org) has won the prestigious Outstanding Student Chapter Award given by SPE International.

Research
Current research activities include investigation of unconventional resources, and use of artificial neural networks (ANN) and AI techniques in solving practical problems.