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Petroleum Engineering Minor


Students who choose to minor in Petroleum engineering must complete at least 15 hours in Petroleum Engineering including PETR 5304, PETR 5328, PETR 5361, PETR 5362, and PETR 5364. Pre-requisite and/or co-requisites must be observed and will be enforced.

No special problems or thesis courses are permitted.

Students should consult the Academic Regulations and Degree Requirements section of this catalog for general information on the requirements for minors and contact the undergraduate advisor in the Department of Chemical Engineering.

Students must earn a 2.00 minimum cumulative grade point average on all courses attempted in the minor discipline at the University of Houston. No course may count toward the minor in which a grade of less than C- is earned.

Approved: _____


Dr. Fritz, Claydon, Associate Dean

10/5/06

Department of Chemical and Biomolecular Engineering
Memorandum

To: CoE Undergraduate Affairs Committee
From: Demetre Economou
Date: September 5, 2006
Subject: Proposed Minor in Petroleum Engineering

The increasing global demand for hydrocarbon fuels has created many new job opportunities in the oil and gas industry. In response to the severe shortage of technical manpower in these areas many companies are recruiting other engineering graduates and then provide them Petroleum Engineering training in-house.

The addition of a Petroleum Engineering minor provides the following benefits to the students, the University of Houston, the industry, and the general public.

1. It increases the student employment options, as well as their income.
2. It increases the pool of engineering graduates available to meet a critical industry need.
3. By broadening the education base of graduates, it offers unique technical synergies to the oil and gas industry.
4. It increases the pool of undergraduate engineering students, by providing them Petroleum Engineering education, which is not presently offered at the University of Houston.
5. It meets a critical technical need of the US economy from inside the country.

The course requirements for the Petroleum Engineering minor will be:

PETR 5304 Evaluation of Petroleum Bearing Formations
PETR 5328 Petroleum Properties and Phase Equilibria
PETR 5361 Introduction to Petroleum Engineering
PETR 5362 Reservoir Engineering I
PETR 5364 Origin/Development of Oil and Gas Reservoirs

Students choosing to minor in Petroleum Engineering must complete the above five courses. Specifically for Chemical Engineering students, these courses will substitute for the two Chemical Engineering technical electives, CHEE 4366 Biochemical Engineering, and CHEE 4322 Design II. Such substitutions will result in 3 extra hours added to the degree plan of Chemical Engineering students choosing the Petroleum Engineering minor.