Department of Chemical and Petroleum Engineering

Chairperson	Prof. Yasmine Fouad
Associate Professors	Dr. Zahi Khalil
Assistant Professors	Dr. Rami Harkouss, Dr. Kamel Bou Hamdan
Full-time Instructors	Eng. Hussein Ghorayeb, Eng. Shareef El-Mustafa, Eng. Aya El Hajj Chehade

Program Description

The Master Degree curriculum is composed of 30 Credit Hours. Those graduated from BAU will 15 Credit Hours transferred. There are two options for the Master Degree; Thesis and Non-Thesis, as shown in the following tables:

Elective Courses - Petroleum Engineering

Courses			**Crs.**
PTRE	601	Well Control	3
PTRE	602	Offshore Technologies	3
PTRE	603	Sustainable Oil and Gas Production	3
PTRE	604	Storage and Transportation of Oil and Gas	3
PTRE	605	Enhanced Oil Recovery	3

Mandatory Courses - Petroleum Engineering

RSCH 690 RESEARCH METHOLOGY (3Crs.) (Non BAU student)

PTRE 600 PROJECT INDEPENDENT STUDY (3Crs.)

PTRE 699 MASTER THESIS (6Crs.)

Study Plan
(Credit Hours)

Thesis Option Non-BAU student

First Semester (9 Credit Hours)			Crs.
RSCH	**690**	**Research Methodology**	**3**
PTRE	**xxx**	**Elective [1]**	**3**
PTRE	**xxx**	**Elective [2]**	**3**

Second Semester (6 Credit Hours)			Crs.
PTRE	**699**	**Master Thesis**	**6**

[1]Selected from the list of elective courses specified for each program below

Thesis Option BAU student

First Semester (9 Credit Hours)			Crs.
PTRE	**xxx**	**Elective [1]**	**3**
PTRE	**xxx**	**Elective [2]**	**3**
PTRE	**xxx**	**Elective [3]**	**3**

Second Semester (6 Credit Hours)			Crs.
PTRE	**699**	**Master Thesis**	**6**

[1,2 and 3] Selected from the list of elective courses specified for Petroleum Eng. Master's program

Non-Thesis Option Non-BAU student

First Semester (9 Credit Hours)			Crs.
RSCH	**690**	**Research Methodology**	**3**
PTRE	**xxx**	**Elective[1]**	**3**
PTRE	**xxx**	**Elective[2]**	**3**

Second Semester (6 Credit Hours)			Crs.
PTRE	**xxx**	**Elective[3]**	**3**
PTRE	**600**	**Project**	**3**

Non-Thesis Option BAU student

First Semester (9 Credit Hours)			Crs.
PTRE	**xxx**	**Elective [1]**	**3**
PTRE	**xxx**	**Elective [2]**	**3**

PTRE	**xxx**	**Elective [3]**	**3**

Second Semester (6 Credit Hours)			**Crs.**
PTRE	**xxx**	**Elective [4]**	**3**
PTRE	**600**	**Project**	**3**

[1, 2, 3 and 4] Selected from the list of elective courses specified for each program below