

M.S. in Petroleum Engineering Course Requirements

Graduate students with a ***BS in Petroleum Engineering*** from an accredited program may pursue an MS degree at UW using one of these two options.

The requirements for each option are as follows:

1. Plan A: Thesis Research Option

Items	Course Description	Credits
Core Courses	<i>At least three courses from the following:</i> PETE 5010 - Transport Phenomena PETE 5020 - Thermodynamics PETE 5060 - Flow through Porous Media PETE 5080 - Interfacial Phenomena PETE 5310 - Fundamentals of Enhanced Oil Recovery	9
Required Course	PETE 5355 - Mathematical Methods	3
Seminar	PETE 5890 - Graduate Seminar	2
Electives	Graduate-approved elective courses (PETE or other), selected by the student with approval of the student's advisor.	12
Plan A	PETE 5960 - Thesis Research	4
	TOTAL	30

2. Plan B: Course Work Option

Items	Course Description	Credits
Core Courses	<i>At least three courses from the following:</i> PETE 5010 - Transport Phenomena PETE 5020 - Thermodynamics PETE 5060 - Flow through Porous Media PETE 5080 - Interfacial Phenomena PETE 5310 - Fundamentals of Enhanced Oil Recovery	9
Required Course	PETE 5355 - Mathematical Methods	3
Seminar	PETE 5890 - Graduate Seminar	2
Electives	Graduate-approved elective courses (PETE or other), selected by the student with approval of the student's advisor.	14
Plan B	PETE 5100 – Research Report	2
	TOTAL	30