

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

The requirements for each option are as follows:

3. Plan A: Thesis Research Option

Items	Course Description	Credits
Core Courses	<i>At least four graduate 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	12
Required Course	PETE 5355 - Mathematical Methods	3
Required Undergraduate Courses	<i>These three undergraduate courses:</i> PETE 3200 - Reservoir Engineering PETE 3715 - Production Engineering PETE 3255 - Basic Drilling Engineering	9
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. GEOL 4190 is to be included in the electives.	10
Plan A	PETE 5960 - Thesis Research	4
	TOTAL	40

4. Plan B: Course Work Option

Items	Course Description	Credits
Core Courses	<i>At least four graduate 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	12
Required Course	PETE 5355 - Mathematical Methods	3
Required Undergraduate Courses	<i>These three undergraduate courses:</i> PETE 3200 - Reservoir Engineering PETE 3715 - Production Engineering PETE 3255 - Basic Drilling Engineering	9
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. GEOL 4190 is to be included in the electives.	12
Plan B	PETE 5100 – Design Report	2
	TOTAL	40