

PROGRAM PROPOSAL FOR A MASTER'S DEGREE in PETROLEUM ENGINEERING PROGRAM

The Stanford University Department Energy Resources Engineering requires **45 units** to earn a Master's Degree. Stanford University requires at least three quarters of full-time registration to meet the Residency requirements. This proposal must be submitted by the end of your first quarter in the M.S. program. Any necessary changes to your program must be approved on this sheet by your advisor prior to the beginning of the quarter in which the course will be taught.

***All required ERE courses listed on the proposal must be taken for a letter grade.**

<https://exploreddegrees.stanford.edu/schoolofearthsciences/energyresourcesengineering/#masterstext>

NAME: _____ **ID:** _____

Core Courses (12 units):

Number	Title	Units	Substitute	Units	Approval & Date	Grade
ENERGY 175		3				
ENERGY 222	Advanced Reservoir Engineering	3				
ENERGY 251	Thermodynamics of Equilibria	3				
ENERGY 297 or ENERGY 221	Fluid Mechanics and Heat Transfer or Fundamentals of Multiphase Flow	3				

Mathematics and Analysis Fundamentals (12 units):

Number	Title	Units	Substitute	Units	Approval & Date	Grade
CME 200	Linear Algebra					

Technical Elective Sequence (15 units):

Title of Sequence: _____

Number	Title	Units	Substitute	Units	Approval & Date	Grade

Research Courses (6 units):

Number	Title	Units	Substitute	Units	Approval & Date	Grade
ENERGY 361	MS Research	6				

Department Specific Requirement (not included in 45 units)

Number	Title	Units	Substitute	Units	Approval & Date	Grade
ENERGY 351	ERE Dept Seminar	3				

Research Report Title: _____

Student Signature Date

Advisor Signature Date

Department Chair Signature Date

Student Services Approval