

**PROGRAM PROPOSAL FOR A MASTER’S DEGREE in ENERGY RESOURCES ENGINEERING PROGRAM**

The Stanford University Department of 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 253	Carbon Capture and Sequestration	3				
ENERGY 293	Energy Storage and Conversion	3				
ENERGY 293B	Fundamentals of Energy Processes	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 Requirements (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