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.

NAME: ID:								
Core Courses:								
Number	Title	Units	Substitute	Units	Approval & Date	Grade		
ENERGY 221	Fund. of Multiphase Flow	3			1	<u> </u>		
ENERGY 246	Reservoir Characterization and Flow Modeling	3						
CME 200	Linear Algebra w/Application to Eng Computations	3						
CME 204	Partial Differential Equations in Eng	3						
Energy 293A	Solar Cells, Fuels Cells, and Batteries: Materials for the Energy Solution	3						
Energy 293 B	Fund of Energy Processes	3						
Energy 293C	Energy from Wind and Water Currents	3						
Fitle of Sequence: Number	Title	Units	Substitute	Units	Approval & Date	Grade		
			<u> </u>		-			
	nent Courses: (prior approval requ		ā		-			
Number	Title	Units	Substitute	Units	Approval & Date	Grade		
		<u> </u>						
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	es: (6 units of PE 361 required) or 2							
Number		Units	Substitute	Units	Approval & Date	Grade		
361	MS Research	6						
	_	-						
			<u> </u>					
Research Report Special Field Des	Title:					-		
Student Signature	D	ate	Advisor	Signature		Date		
	Signature	 Date	Student	Forwing Adn	nin Approval & NSI Entr	y Data		

M.S. PROGRAM PROPOSAL WORKSHEET

The Department expects that you will acquire competency in all of the Core Courses and one specialized Elective Sequence, usually reflecting your research specialty. Some students enter the program with a strong background in a Core Course or have already mastered some aspect of the appropriate Elective Sequence. In these cases, discussion with your advisor while you are beginning to plan your program should identify if and where exceptions and substitutions can be made.

This worksheet is designed to work with the Master's Degree Program Proposal which commits you to take specific courses to obtain an M.S. degree from this department. Please review the front of this form along with the degree requirements listed in the Bulletin to develop your program plan. Use this worksheet to identify the courses you will take each quarter as well as the place they will fit in your program proposal.

You will need 39 course units plus 6 units of ENERGY 361 research. If you are taking a Course Work Only degree, a second Elective Sequence in place of research units is recommended. Do not include additional courses which you take beyond those needed to obtain the degree on the actual Program Proposal Form. Remember the 10 units per quarter rule if you are being funded by the department.

First Autum	nn Quarter: <i>Check One</i>						
Number	Title	Units	Core	Elec. Seq.	Add. PE	Outside	Resrh
First Winter	r Quarter: Check One						
Number	Title	Units	Core	Elec. Seq.	Add. PE	Outside	Resrh
First Spring	Quarter: Check One						
Number	Title	Units	Core	Elec. Seq.	Add. PE	Outside	Resrh
Second Au	tumn Quarter: <i>Check One</i>	"					
Number	Title	Units	Core	Elec. Seq.	Add. PE	Outside	Resrh
Second Wir	nter Quarter: <i>Check One</i>			•			
Number	Title	Units	Core	Elec. Seq.	Add. PE	Outside	Resrh
Second Spi	ring Quarter: <i>Check One</i>			•			*
Number	Title	Units	Core	Elec. Seq.	Add. PE	Outside	Resrh
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