



## ENERGY STUDIES MINOR (ESM) APPLICATION

### APPROVED ELECTIVES (Choose 24 units from the following)\*

1.071J	Global Change Science	10.213	Chemical and Biological Engineering
2.006	Thermal-Fluids Engineering II		Thermodynamics
2.612	Marine Power and Propulsion	10.27	Energy Engineering Projects Laboratory
2.627	Fundamentals of Photovoltaics	10.426	Electrochemical Energy Systems
2.813	Energy, Materials, and Manufacturing	11.142	Geography of the Global Economy
2.S997	Fundamentals of Smart & Resilient Grids	11.160J	Re-energizing MIT: Innovating Energy Management at the Institute
3.003	Principles of Engineering Practice		Energy and Infrastructure Technologies
3.004	Principles of Engineering Practice	11.165	Alternate Energy Sources
4.401	Environmental Technologies in Buildings	12.213	Global Environmental Science and Politics
4.472	Design Workshop for Sustainable Future	12.346J	Energy Management Sustainable Future
5.00J	Energy Technology and Policy: From Principles to Practice	15.S42	Nuclear Systems Design Project
		22.033	Engineering of Nuclear Systems
6.061	Introduction to Electric Power Systems	22.06	D-Lab: Energy
6.131	Power Electronics Laboratory	EC.711	Energy, Environment, and Society
6.334	Power Electronics	STS.032	
6.695	Engineering, Economics, and Regulation of the Electric Power Sector		
8.044	Statistical Physics		
10.04J	A Philosophical History of Energy		

*\*Courses are periodically added to this list. See the Energy Studies Minor web page for core and elective subject updates during the academic year.*

### REQUIRED SUBJECTS PLANNED/COMPLETED

<i>Core Subjects</i>			
<i>For jointly listed classes, enter the correct subject number (i.e., a course 14 student may wish to enter 14.43, rather than 15.031J).</i>			
	Required Subject Name	Subject No. (Units)	Term planned/Completed
Science 1		(Units)	
Science 2 (if needed)		(Units)	
Social Science 1		(Units)	
Social Science 2		(Units)	
Technology/Engineering		(Units)	

<i>Elective Subjects Planned/Completed (24 Units)</i>			
	Elective Subject Name	Subject No. (Units)	Term planned/Completed
Elective 1		(Units)	
Elective 2		(Units)	
Elective 3 (if needed)		(Units)	

Return this form to Ann Greaney-Williams, Academic Coordinator, MITEI Education Office, E19-370D, [agreaney@mit.edu](mailto:agreaney@mit.edu).

Minor Advisor Signature \_\_\_\_\_ Date of Approval \_\_\_\_\_

Acad. Coordinator Signature \_\_\_\_\_ Date Received \_\_\_\_\_

Date Entered \_\_\_\_\_