

Course 2A and the Energy Studies Minor

See <http://web.mit.edu/mitei/education/minor.html> for more options and information

Core Courses (in bold below):

- **Energy Science Foundations (Option 2A):**
2.005 (Course 2A requirement) + 6.007
- **Social Science Foundations of Energy:**
15.031J (and the prerequisite 14.01) Note: 15.031J is also 11.161J, 14.431J and 21A.341J
- **Energy Technology/Engineering in Context**
2.60J, 4.42J or 22.081J

Energy Studies Minor Electives: 24 units (or more) from the following as Concentration Subjects:

- 2.006* Thermal-Fluids Engineering II, Spring or Fall
- 2.570* Nano-to-Macro Transport Process, Spring
- 2.612* Marine Power and Propulsion, Fall
- 2.617* Fundamentals of Photovoltaics, Fall
- 2.813* Environmentally Benign Design and Manufacturing, Spring
- 4.401* Intro to Building Technology, Fall
- 6.061* Intro to Electric Power Systems, Spring
- 6.131* Power Electronics Lab, Fall
- 6.701* Intro to Nanoelectronics, Spring
- 22.033* Nuclear Systems Design Project, Fall
- 22.06* Engineering of Nuclear Systems, Fall
- SP.775* D-Lab: Energy, Spring

Typical Mainstream Schedule: Course 2A with Energy Studies Minor

Energy Studies courses are highlighted. This schedule uses 2 HASS slots and 4 Concentration Subjects to complete the minor.

Freshman	Fall	IAP	Spring	
	3.091	12	8.02	12
	8.01	12	18.02	12
	18.01	12	Elective	12
	HASS	12	HASS	12
Total Units		48		48

Sophomore	Fall	IAP	Spring	
	2.001	12	2.670	3
	18.03	12	2.003J	12
	7.012	12	2.005	12
	HASS	12	Elective	12
			14.01 (HASS S/Elective)	12
Total Units		48	3	48

Junior	Fall	IAP	Spring	
	2nd Level Subject	12	2.671	12
	2nd Level Subject	12	6.007 (Conc Subject)***	12
	4.42J or 22.081J (Conc Subject)**	12	Concentration Subject	12
	HASS	12	HASS	12
Total Units		48		48

Senior	Fall	IAP	Spring	
	2.009	12	Elective	12
	Concentration Subject / Minor		Concentration Subject / Minor	
	Elective	12	Elective	12
	Concentration Subject	12	Elective	12
	HASS	12	15.031J (HASS S/Elective)	12
Total Units		48		48

*These subjects have Engineering Content appropriate for the 2A Concentration Requirement

**can also take 2.60J in the Spring term, Jr or Sr year

***Energy Studies Minor option "2A" is preferred; 6.007 is offered both Fall and Spring