

# Expand Your Career Opportunities

## DOUBLE YOUR IMPACT

Adding just **ONE** economics course to your Nuclear Engineering degree plan can earn you a **B.S. in Economics** plus an **Energy Economics Certificate** – without extra time to graduate.

### BS ECONOMICS DEGREE

Second major requires 10 courses:

1. ECON 1100
2. ECON 1200
3. ECON 3300
4. ECON 5360 = NUC ENG 5360
5. ECON 4400 = MIN ENG 4523
6. ECON 4540 = MIN ENG 4524
7. NUC ENG 4207
8. NUC ENG 5281
9. Any Programming Course
10. MECH ENG 1720

5, 6, 7, 8  
are for the  
Energy Economics  
Certificate

### ENERGY ECONOMICS CERTIFICATE

Certificate requires 4 courses:

- ECON 4440 Environmental Economics
- ECON 4540 Energy Economics
- NUC ENG 4207 Nuclear Fuel Cycle
- NUC ENG 5281 Probabilistic Risk Assessment

## TO PROCEED

- Fill out and **SIGN** the top of **Major Change: Add Degree**
- Email the form to Dr. Melody Lo, Chair of the Economics Department, at [melodylo@mst.edu](mailto:melodylo@mst.edu).

Name _____		Student ID _____	
Address _____		Telephone _____	
		Date _____	
Student Signature _____		Select Choice: 1. Change of Primary Major <input type="checkbox"/>	
Are you an International Student? <input type="radio"/> Yes <input type="radio"/> No		2. Request for Dual Major <input checked="" type="checkbox"/>	
<small>International students funded by a third-party sponsor should check regulations that may require additional processing for approval.</small>			
Nuclear Engineering <small>Current Primary Major</small>		Economics <small>Secondary Major</small>	
1. Nuclear Engineering <small>Requested New Primary Major</small>		2. Economics <small>Secondary Major</small>	
Emphasis Area _____		Emphasis Area _____	

# LEVEL UP:

## Earn Industry-Focused Certificates to Boost Your Career Competitiveness

### INTRODUCING

### 100% ONLINE GRADUATE CERTIFICATES

Offered under the [MS in Economics and Innovation \(MEI\) Program](#)

All courses are co-listed with Nuclear Engineering

#### Value-Driven Innovation Certificate

##### 4 Required Courses:

- ECON/NUC ENG 5338  
Innovation and Value Generation
- ECON/NUC ENG 5543  
Innovation Econ & Finance
- ECON/NUC ENG 5648  
Innovation to Market
- ECON/NUC ENG 6020  
Contemporary Issues in Technology and Innovation

#### Energy Economics & Global Sustainability Certificate

##### 4 Required Courses:

- ECON/NUC ENG 6638  
Energy Policy & Economic Analysis
- ECON/NUC ENG 5543  
Innovation Econ & Finance
- ECON/NUC ENG 5658  
Building Sustainability & ESG
- ECON/NUC ENG 6030  
Contemporary Issues in Energy Economics

**Note: Innovation Certificate starts FALL; ECON 5338 & 5543 are prerequisites for ECON 5648.**

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### Undergraduate Certificates

#### Decision Data Analytics

##### 4 Required Courses:

- ECON 3300 Econometrics
- ECON 3333 Computational Economics
- ECON 5360 Data-Driven Strategic Insights (= NUC ENG 5360) (online)
- ECON 5380 Intelligence Using Case Studies (online)

#### Financial Economics & Technology

##### 4 Required Courses:

- ECON 3333 Computational Economics
- ECON 4383 Financial Economics
- ECON 5360 Data-Driven Strategic Insights (= NUC ENG 5360) (online)
- ECON 5337 Financial Mathematics or ECON 5543 Innovation Econ & Finance

About the MEI Program and Innovation & Energy Certificates:  
Dr. Melody Lo, MEI Program Director | [melodylo@mst.edu](mailto:melodylo@mst.edu)



[econ.mst.edu/mei](http://econ.mst.edu/mei) | Innovation Certificate | Energy Certificate

