

IE/Econ Major & Minor Guidelines

All Students wishing to pursue a double major in IE and Econ **MUST** declare their Econ major separately with the Economics Department

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Important Notes

- Economics will accept IEMS 303 in place of Stat 210. IEMS will not accept Stat 210.
- IEMS students who wish to **major** in Economics can double-count **two** of the following IEMS classes:
 - IEMS 304 as Econ 281
 - IEMS 325 as Econ 3XX
 - IEMS 326 as Econ 360
 - IEMS 373 as Econ 3XX.
- IEMS students who wish to **minor** in Economics can double-count **one** class from the above list.
- These double-counts should be noted on the petition to graduate, filled out at the end of junior year:
http://www.registrar.northwestern.edu/forms/grad_forms/151105_tech_petition.pdf
- Grade Requirement: All core, elective, and related courses used toward the Economics major must be taken for a letter grade (not P/N) and must be passed with a grade of C- or higher.

Economics courses approved as IEMS General Tech Electives:

Econ 308 Money and Banking
Econ 309 Public Finance
Econ 316 Advanced Macroeconomics
Econ 337 Economics of State and Local Governments
Econ 339 Labor Economics
Econ 349 Industrial Economics
Econ 350 Monopoly, Competition, and Pulic Policy

Econ 355 Transportation Economics and Public Policy
Econ 361 International Trade
Econ 362 International Finance
Econ 380-1, 2 Game Theory
Econ 381-1, 2 Econometrics
Econ 383 Applied Econometrics

Major: All Options	How does this count for IE?	How does this count for Econ?
<input type="checkbox"/> IEMS 303	Required Major Course	Replaces Stat 210
<input type="checkbox"/> IEMS 326	Required Basic Engineering Course	Replaces Econ 360
<input type="checkbox"/> Math 220-0 <input type="checkbox"/> Math 224-0 <input type="checkbox"/> Math 230-0 <input type="checkbox"/> Math 234-0	Required Math Courses	Related Courses (Math)
<input type="checkbox"/> Econ 201 <input type="checkbox"/> Econ 202 <input type="checkbox"/> Econ 310-1 <input type="checkbox"/> Econ 310-2 <input type="checkbox"/> Econ 311	Theme	Core Courses

Major Option 1	How does this count for IE?	How does this count for Econ?
<input type="checkbox"/> IEMS 304	IE/OR Elective	Replaces Econ 281
<input type="checkbox"/> Econ 3xx <input type="checkbox"/> Econ 3xx <input type="checkbox"/> Econ 3xx	General Tech Electives (if chosen from approved list)	300-level field courses
<input type="checkbox"/> Econ 3xx <input type="checkbox"/> Econ 3xx	Unrestricted Electives	

Major Option 2	How does this count for IE?	How does this count for Econ?
<input type="checkbox"/> IEMS 325	MS Elective	300-level field courses
<input type="checkbox"/> Econ 3xx <input type="checkbox"/> Econ 3xx <input type="checkbox"/> Econ 3xx	General Tech Electives (if chosen from approved list)	
<input type="checkbox"/> Econ 3xx <input type="checkbox"/> Econ 281	Unrestricted Electives	

Major Option 3	How does this count for IE?	How does this count for Econ?
<input type="checkbox"/> IEMS 373	IE/OR Elective	300-level field courses
<input type="checkbox"/> Econ 3xx <input type="checkbox"/> Econ 3xx <input type="checkbox"/> Econ 3xx	General Tech Electives (if chosen from approved list)	
<input type="checkbox"/> Econ 3xx <input type="checkbox"/> Econ 281	Unrestricted Electives	

Minor Option 1	How does this count for IE?	How does this count for Econ?
<input type="checkbox"/> IEMS 303 <input type="checkbox"/> IEMS 304 <input type="checkbox"/> Math 220-0	Required Major Course IE/OR Elective Required Math Courses	Replaces Stat 210 Replaces Econ 281 Related Courses (Math)
<input type="checkbox"/> Econ 201 <input type="checkbox"/> Econ 202 <input type="checkbox"/> Econ 310-1 <input type="checkbox"/> Econ 310-2 or Econ 311	Theme	Core Courses
<input type="checkbox"/> Econ 3xx* <input type="checkbox"/> Econ 3xx <input type="checkbox"/> Econ 3xx	General Tech Electives (if chosen from approved list)	300-level field courses

Minor Option 2	How does this count for IE?	How does this count for Econ?
<input type="checkbox"/> IEMS 303 <input type="checkbox"/> IEMS 326 <input type="checkbox"/> Math 220-0	Required Major Course Required Basic Engineering Course Required Math Courses	Replaces Stat 210 Replaces Econ 360 Related Courses (Math)
<input type="checkbox"/> Econ 201 <input type="checkbox"/> Econ 202 <input type="checkbox"/> Econ 281 <input type="checkbox"/> Econ 310-1 <input type="checkbox"/> Econ 310-2 or Econ 311	Theme	Core Courses
<input type="checkbox"/> Econ 3xx* <input type="checkbox"/> Econ 3xx	General Tech Electives (if chosen from approved list)	300-level field courses

*If Econ 310-2 is taken for the minor, then Econ 311 may count as a field course for Econ, and as a theme course for IE.