

Northwestern | Economics

ACCEPTABLE PhD FIELD COURSE SEQUENCES – AY 2019-20

Nine Approved Field Courses that must include:

- a) At least one course in Economic History (ECON 420-1 *American Economic History* (or) ECON 420-2 *European Economic History*), and
- b) Three field sequences of at least two-quarters each. A field sequence consists of two or three quarter-length courses as determined by the department.
- c) Six of the nine courses must carry an Economics course number

Notes

1. Any individual course cannot be used to satisfy more than one sequence.
2. All courses taken to fulfill the field course requirements must be taken for letter grade (not P/N).
3. Any non-listed sequence must be approved in advance by an Economics group representative and the Director of Graduate Studies. This includes the following sequences offered by the Kellogg School of Management:
 - FINC 585-1,2,3 *Asset Pricing*
 - FINC 586-1,2,3 *Corporate Finance*
 - MECS 540-1,2,3 *Political Economy*
 - MECS 550-1,2,3 *Economic Theory*
 - MECS 560-1,2 *Optimization in Economics* (but not 560-3)
 - MECS 570-1,2 *Economics of Organizations*Economics PhD students can take at most one non- Economics Department sequence as part of the nine field courses
4. Students are welcome to audit or register for credit additional courses beyond the minimum requirement.

Field	Field Contact	Relevant Courses	Approved Sequence(s) for students intending to write their thesis in this field	Approved Sequences for all other students
Applied Microeconomics: Labor Economics	Notowidigdo	ECON 440-1,2,3 <i>Labor Economics</i>	As only 440-1 if offered in AY 19-20, sequence in Labor will be ECON 440-1 and one econometrics course (481-1,2,3, 482 or 483) or ECON 498-1 (Professor Schnell) <i>Note that any individual course cannot be used to satisfy more than one sequence.</i>	
Applied Microeconomics: Public Economics	Notowidigdo	ECON 436-1,2 <i>Public Finance</i>	Not Offered in AY 19-20	
Econometrics	Horowitz	ECON 481-1,2,3 <i>Advanced Econometrics</i> ECON 482 <i>Applied Time Series Econometrics</i> ECON 483 <i>Applied Microeconometrics</i>	Three courses from ECON 481-1,2,3, 482, or 483 <i>or</i> Two of the foregoing courses plus one from these options: Math 410-1,2; Math 415-1,2; Math 450-1,2,3; IEMS 450-1,2. <i>It is possible to obtain two fields in econometrics, one in theoretical econometrics and one in applied econometrics. Please discuss the individual courses that would form each of the sequences with the field representative and the Director of Graduate Studies in advance.</i>	
Development Economics	Beaman	ECON 425-1,2,3 <i>Development Economics</i>	ECON 425-1 and 425-2 (425-3 not offered in AY 19-20) <i>Students are encouraged to take MECS-540-4 as well</i>	ECON 425-1 and 425-2 (425-3 not offered in AY 19-20)
Economic History	Ferrie	ECON 420-1,2 <i>Economic History</i>	ECON 420-1,2 <i>Students may elect to exceed the Department's Economic History requirement and take Economic History as a field.</i>	
Industrial Organization	Porter	ECON 450-1,2,3 <i>Industrial Organization</i>	ECON 450-1,2,3 (take all 3 courses)	ECON 450-1 plus one of ECON 450-2,3
International Economics	Matsuyama	ECON 460-1,2,3 <i>International Economics</i>	Any two of ECON 460-1,2 or 3 (Second year students in AY 19-20 may take 460-3 in the Fall and 460-1 in the Spring)	

Macroeconomics	Eichenbaum	<p>ECON 416-1,2,3 <i>Advanced Macroeconomics</i> ECON 460-1,2,3 <i>International Economics</i> ECON 482 <i>Applied Time Series Econometrics</i></p>	<ul style="list-style-type: none"> • Maximum of two sequences • First sequence composed of any three courses selected from the ECON 416 or ECON 460 series or ECON 482 • Second sequence composed of any two courses selected from the ECON 416 or ECON 460 series or ECON 482 <p><i>Note that any individual course cannot be used to satisfy more than one sequence, including the separate sequence in International Economics.</i></p>	Any three courses selected from the ECON 416 series, ECON 482 and a maximum of one course from the ECON 460 series
Microeconomic Theory	Wolinsky	<p>ECON 412-1,2,3 <i>Economic Theory and Methods</i> ECON 414-1,2,3 <i>Economics of Information</i> ECON 415-1,2 <i>Advanced Microeconomics</i></p>	<ul style="list-style-type: none"> • Maximum of two sequences • Each sequence can be composed of any three courses selected from the ECON 412, 414, or 415 series. • Students may propose to substitute for one course per sequence a theory related course offered by another department. This requires advance approval by the theory field coordinator. • Generally, the allowable substitutions will be external courses with significant theory content (such as some of the PhD courses offered in the Kellogg School of Management) or courses with other relevant mathematical modeling content (such as some courses offered by the computer science division in the Department of Electrical Engineering and Computer Science, and in other engineering departments). However, pure math courses will ordinarily not count for this purpose, although students are strongly encouraged to take these courses in addition to their required sequences. 	

Sequence Offered Jointly by Department of Economics and Kellogg School of Management			
Health Economics	Notowidigdo	MECS 551-1 <i>Health Economics</i> ECON 498-1 <i>Advanced Topics in Economics</i> (Professor Schnell)	<ul style="list-style-type: none"> • Take both MECS 551-1 (Fall 2019) and ECON 498-1 (Winter 2020) • <i>Note that any individual course cannot be used to satisfy more than one sequence, including the separate sequence in Labor Economics.</i> • <i>Students are reminded that at least six of their nine field courses must carry an Economics course number</i>