

Northwestern | Economics

ACCEPTABLE PhD FIELD COURSE SEQUENCES – AY 2018-19

Formal Degree Requirements – Class of 2016 and Earlier

- Three two-quarter sequences
- Economic History: ECON 420-1 *American Economic History* (or) ECON 420-2 *European Economic History* (Economic History may also be one of your sequences)

Formal Degree Requirements – Class of 2017 and Later

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

For third year students in AY 2018-19, the formal degree requirements are those applicable to the class of 2016 and earlier. However, the Departments feels that the new rules are pedagogically superior. Second year students in AY 2018-19 must follow the new rules.

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 18-19, sequence in Labor will be ECON 440-1 and one econometrics course (481-1,2,3, 482 or 483). <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 18-19
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	Jayachandran	ECON 425-1,2,3 <i>Development Economics</i>		ECON 425,1,2 and 3 (take all three)
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 (ECON 460-3 will be offered by Profs Matsuyama and Mestieri in Fall Quarter 2019-20)

Macroeconomics	Primiceri	ECON 416-1,2,3 <i>Advanced Macroeconomics</i>	Two sequences available: 1. ECON 416-1 and 460-1 (“model oriented macro”) 2. ECON 416-2 and 482 (“data oriented macro”) <i>Students intending to write a thesis in macro should take both sequences</i>	Two sequences available: 1. ECON 416-1 and 460-1 (“model oriented macro”) AND/OR 2. ECON 416-2 and 482 (“data oriented macro”)
Microeconomic Theory	Wolinsky	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>	<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. 	

Important: See notes on the following page.

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 551-1,2 *Health Economics*
 - 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.