June 6, 2018

From Dan Bogart, Director of Graduate Studies (DGS)

Subject: Fields requirement for graduate students getting a PhD in economics.

Students must show mastery of two subfields in economics by taking a two-course sequence (possibly including independent reading courses) and writing a sole-authored research paper in each field. Each paper must be approved by two faculty supervisors chosen by the student. The faculty supervisors attest that the paper represents the student's independent ideas and research. In order to be judged as making normal progress in the Economics Ph.D. program, one field paper must be completed and approved by the end of the Summer Quarter of the second year and the second paper completed and approved by the end of the Summer Quarter of the third year. Note that in practice many second year field papers are completed at the end of the fall quarter of the third year and many third year papers are completed at the end of the fall quarter of the fourth year.

Below the fields are listed and the courses which qualify for each field. I have also listed the faculty ‘normally’ expected to supervise papers in these fields. If graduate students would like to qualify for a field not on this list they can appeal to the DGS for an exception and propose alternative courses to satisfy the field requirement. The petition requires a letter of support from a faculty. The DGS will inform the student if the acceptance is granted.

Note in the future fields will be added if approved by the DGS

**Game theory and mechanism design**

Econ 243A-B ADV GAME THEORY I & II

Faculty: Mcbride, Kopolov, Carvhalho, Choi, Garfinkel

Game theory students are encouraged to also take Econ 219 BEHAVIORAL DEC THRY, Econ 229 SOCIAL DYNAMICS, Econ 219 MEANINGFULNESS THRY

**Econometrics**

Econ 223A DISCRT CHOICE ECON
Econ 229 PANEL DATA
Econ 229 CAUSAL INFEERENCE
Econ 229 BIG DATA
Econ 224A TIME SERIES ECNMTRC
Econ 229 TOPICS IN ECONOMETR

Faculty: Dong, Jeliazkov, Lee, Harding, Milani, Chen

**Experimental economics**

Econ 227A-B EXPERIMENTL ECON I & II
Faculty: Duffy, McBride

**Economic History**
Econ 233  EUROPEAN ECON HIST,
Econ 232  BUSINESS CYCLE HIST,
Econ 234  AMERICAN ECON HIST

Faculty: Bogart, Richardson, Vellore

**Macroeconomics**
Econ 263A-B  ADV MACROECONOMIC I & II,
Econ 269  MACRO & FINANCE,
Econ 269  MACRO OF LABOR MRKT,
Econ 232  BUSINESS CYCLE HIST

Faculty: Swanson, Branch, Milani, Richardson, Rocheteau

**Monetary Economics**
Econ 260A-B  MONETARY ECON I & II

Faculty: Swanson, Branch, Milani, Choi, Richardson, Rocheteau

**Transportation economics**
Econ 282 A-B  TRANSPORTATION ECON I & II,
Econ 289  SP TPCS URBN TRANSP
Econ 223A  DISCRT CHOICE ECON
Econ 249  ENERGY ECONOMICS

Faculty: Brueckner, Bogart, Cohen

**Labor economics**
Econ 259  LABOR ECONOMICS,
Econ 251A-B-C  LABOR ECONOMICS I, II, & III

Faculty: Neumark, Clark, Dong

Labor Students are encouraged to take ECON 249: Advanced Methods for Applied Microeconomics, Econ 249  ECONOMIC DATA.

**Public economics**
Econ 272A-B  PUBLIC ECONOMICS I & II

Faculty: Brueckner, Freedman

**Political economy**
Econ 279 A  ST: POL ECON,
Econ 270 A-B-C  POLITICAL ECON I & II & III
Econ 279  ECON IDENTITY&CULTURE
Econ 275 economics of government

Faculty: Garfinkel, Skaperdas, Bogart, Glazer, Carvalho

Industrial Organization
Econ 241 A B  INDUSTRIAL ORG I & II,
Econ 249  ENERGY ECONOMICS

Faculty: Chen, Cohen, Choi

Urban Economics
Econ 281 A-B  URBAN ECONOMICS I & II

Faculty: Brueckner, Freedman

International
Econ 261 A  INTL TRADE I,
Econ 269  INTERNATIONAL MACRO, Open Economy Macroeconomics

Faculty: Ranjan, Rodriguez-lopez