

Academic/Career Paths For Economics Majors

International Economic Development

Advanced Electives in the major in order of relevance

Econ 464 *International Trade and Finance* (P: Econ 301, 302)
Econ 467 *International Industrial Organizations* (P: Econ 301, **Math 221**)
Econ 475 *Economics of Growth* (P: Econ 301, 302; **B or higher in Math 221**)
Econ 390 *Contemporary Economic Issues*, Topic: *Population Economics* (P: Econ 301, 302, 310)
Econ 521 *Game Theory and Economic Analysis* (P: Econ 301, **Math 222**)

Applied Fields in the major

Econ 343 *Environmental Economics*
Econ 365 *Issues in Comparative Economics*
Econ 421 *Economic Analysis of Agricultural Markets*
Econ 431 *Natural Resource Economics*
Econ 462 *Latin American Economic Development*
Econ 473 *Economic Growth and Development in Southeast Asia*
Econ 474 *Economic Problems of Developing Areas*
Econ 477 *Agricultural and Economic Development in Africa*
Econ 567 *Public Finance in Less Developed Countries*
Econ 663 *Population and Society*
Econ 671 *Energy Economics*

International Economic Development

Take Five

1. Poli Sci 316 *Principles of International Law*
2. Poli Sci 368 *Special Topics in the Politics of Developing Areas*
3. Poli Sci 652 *The Politics of Development*
4. Poli Sci 312 *Politics of the World Economy*
5. Intl St 602 *Topics in International Political Economy and Policy Studies*

Also consider languages and "area studies" courses relevant to your area, as well as a major in International Studies

Local Government

Advanced Electives in the major in order of relevance

Econ 441 *Analytical Public Finance* (P: Econ 301)
Econ 468 *Industrial Organization and Imperfect Competition* (P: Econ 301, **Math 221**)
Econ 450 *Wages and the Labor Market* (P: Econ 301)
Econ 522 *Law and Economics* (P: Econ 301)
Econ 521 *Game Theory and Economic Analysis* (P: Econ 301, **Math 222**)

Applied Fields in the major

Econ 306 *The Real Estate Process*
Econ 325 *Public Utilities*
Econ 420 *Urban and Regional Economics*
Econ 641 *Housing Economics and Policy*

Local Government

Take Five

1. AAE 520 *Community Economic Analysis*
2. Poli Sci 413 *Problems of Urban Areas*
3. Urb R PI 305 *Introduction to the City*
4. Poli Sci 104/404 *(Introduction to) American Politics and Government*
5. Urb R PI 641 *Housing Economics and Policy*

Also consider a major in Political Science and/or Legal Studies

Economics, Banking, and Finance

Advanced Electives in the major in order of relevance

Econ 410 *Introductory Econometrics* (P: Econ 310, **Math 221**)
Econ 666 *Advanced International Finance* (P: Econ 301, 302, 310; **B or higher in Math 221**)
Econ 464 *International Trade and Finance* (P: Econ 301, 302)
Econ 390 *Contemporary Economic Issues, Topic: Economic Forecasting* (P: Econ 410 or con. reg.)
Econ 441 *Analytical Public Finance* (P: Econ 301)
Econ 521 *Game Theory and Economic Analysis* (P: Econ 301, **Math 222**)

Applied Fields in the major

Econ 300 *Introduction to Finance*
Econ 320 *Investment Theory*
Econ 330 *Money and Banking*

Economics, Banking, and Finance

Take Five

1. Finance 305 *Financial Markets, Institutions, and Economic Activity*
2. Finance 325 *Corporation Finance*
3. Finance 330 *Derivative Securities*
4. Finance 410 *Bank Management*
5. Finance 520 *Intermediate Investment Theory*

Also consider a major in Finance and Investment Banking

Graduate School in Economics

Advanced Electives in the major in order of relevance

All of Economics Option B: Mathematical Emphasis

Econ 590 *Tutorial in Research Project Design* (P: Econ 301, 302, 410 or con. reg.)
Econ 411 *Advanced Microeconomic Theory* (P: Econ 301, **Math 222**)
Econ 412 *Advanced Macroeconomics* (P: Econ 302, **Math 234**)

Also consider taking the Advanced Treatment of intermediate economic theory 311-312 instead of 301-302

Applied Fields in the major

Any interesting courses from the list, though students pursuing Option B with the intention of going to graduate school are better served by doing Advanced Electives in the major

Also consider taking the Honors calculus sequences Math 275-276 and/or 375-376 instead of 221-222-234 and Math-Stat 309-310.

Graduate School in Economics

Take Five

1. Math 431 *Introduction to the Theory of Probability*
2. Math 521 *Advanced Calculus*
3. Math 522 *Advanced Calculus*
4. Math 632 *Introduction to Stochastic Processes*
5. Graduate courses in Economics

If you took Math 221-222-234, consider taking Math 421 (The Theory of Single-Variable Calculus) to gain experience with mathematical proofs before taking the above courses. Also consider a certificate or major in Mathematics.

International Trade/Policy

Advanced Electives in the major in order of relevance

Econ 464 *International Trade and Finance* (P: Econ 301, 302)
Econ 467 *International Industrial Organizations* (P: Econ 301, **Math 221**)
Econ 475 *Economics of Growth*(P: Econ 301, 302; **B or higher in Math 221**)
Econ 666 *Advanced International Finance* (P: Econ 301, 302, 310; **B or higher in Math 221**)
Econ 450 *Wages and the Labor Market* (P: Econ 301)
Econ 521 *Game Theory and Economic Analysis* (P: Econ 301, **Math 222**)

Applied Fields in the major

Econ 365 *Issues in Comparative Economics*
Econ 421 *Economic Analysis of Agricultural Markets*
Econ 462 *Latin American Economic Development*
Econ 473 *Economic Growth and Development in Southeast Asia*
Econ 474 *Economic Problems of Developing Areas*
Econ 477 *Agricultural and Economic Development in Africa*
Econ 663 *Population and Society*
Econ 671 *Energy Economics*

International Trade**Take Five**

1. Finance 445 *Multinational Business Finance*
2. Poli Sci 312 *Politics of the World Economy*
3. Intl St 602 *Topics in International Political Economy and Policy Studies*
4. Intl Bus 200 *International Business*
5. Poli Sci 441 *Business and Government in the U.S.*

Also consider majors in International Business and International Studies

International Policy**Take Five**

1. Poli Sci 316 *Principles of International Law*
2. Poli Sci 103 *Introduction to International Relations*
3. Poli Sci 376 *Analysis of International Relations*
4. Poli Sci 359 *Problems in American Foreign Policy*
5. Poli Sci 312 *Politics of the World Economy*

Also consider majors in Political Science and International Studies

Entrepreneurship**Advanced Electives in the major in order of relevance**

Econ 458 *Industrial Structure and Competitive Strategy (P: Econ 301)*
Econ 468 *Industrial Organization and Imperfect Competition (P: Econ 301, Math 221)*
Econ 451 *The Economic Approach to Human Behavior (P: Econ 301)*
Econ 522 *Law and Economics (P: Econ 301)*
Econ 521 *Game Theory and Economic Analysis (P: Econ 301, Math 222)*

Applied Fields in the major

Econ 330 *Money and Banking*

Entrepreneurship**Take Five**

1. Finance 457 *Entrepreneurial Finance*
2. Gen Bus 301 *Business Law*
3. Gen Bus 302 *Business Organizations and Negotiable Instruments*
4. Marketing 300 *Marketing Management*
5. MHR 300 *Organizational Behavior*

Also consider a certificate in Business

Health Care**Advanced Electives in the major in order of relevance**

Econ 441 *Analytical Public Finance (P: Econ 301)*
Econ 548 *The Economics of Health Care (P: Econ 301 or Pub Affr 880)*
Econ 468 *Industrial Organization and Imperfect Competition (P: Econ 301, Math 221)*

Applied Fields in the major

Econ 236 *Bascom Course (topic: Health Care Economics)*

Health Care

Take Five

1. Poli Sci 440 *Health Policy and Health Politics*
2. Pop Health 375 *Concepts and Methods in Population Health*
3. Pop Health 638 *Growth in Need and Demand for Health Services*
4. RMI 630 *Life and Health Insurance*
5. I SY E 417 *Health Systems Engineering*

Real Estate and Urban Planning

Advanced Electives in the major in order of relevance

- Econ 522 *Law and Economics* (P: Econ 301)
Econ 468 *Industrial Organizations and Imperfect Competition* (P: Econ 301, **Math 221**)
Econ 390 *Contemporary Economic Issues (Topic: Population Economics)* (P: Econ 301, 302, 310)
Econ 521 *Game Theory and Economic Analysis* (P: Econ 301, **Math 222**)

Applied Fields in the major

- Econ 306 *The Real Estate Process*
Econ 420 *Urban and Regional Economics*

Real Estate and Urban Planning

Take Five

1. Real Est 312 *Real Estate Law*
2. Real Est 410 *Real Estate Finance*
3. Urb R PI 312 *Regional Development and Planning*
4. Urb R PI 641 *Housing Economics and Policy*
5. Real Est 415 *Valuation of Real Estate*

Also consider additional courses in the departments of Real Estate and Urban& Regional Planning

Domestic Public Policy

Advanced Electives in the major in order of relevance

- Econ 390 *Contemporary Economic Issues (Topic: Economics of Education)* (P: Econ 301, 410 or con.reg)
Econ 441 *Analytical Public Finance* (P: Econ 301)
Econ 450 *Wages and the Labor Market* (P: Econ 301)
Econ 522 *Law and Economics* (P: Econ 301)
Econ 521 *Game Theory and Economic Analysis* (P: Econ 301, **Math 222**)

Applied Fields in the major

- Econ 325 *Public Utilities*
Econ 330 *Money and Banking*
Econ 352 *The Role of Government in the Economy*

Domestic Public Policy

Take Five

1. Poli Sci 104/404 (*Introduction to*) *American Politics and Government*
2. Urb R PI 641 *Housing Economics and Policy*
3. Poli Sci 219 *Introduction to Public Policy*
4. Poli Sci 444 *Administration of Public Policy*
5. Poli Sci 405 *State Government and Public Policy*

Also consider a major in Political Science and graduate courses in the LaFollette School of Public Affairs; consider the accelerated program in that School for a Master's Degree.

Educational Policy

Advanced Electives in the major in order of relevance

Econ 390 *Contemporary Economic Issues (Topic: Economics of Education)* (P: Econ 301, 310 or con. reg.)

Econ 410 *Introductory Econometrics* (P: Econ 310, **Math 221**)

Econ 441 *Analytical Public Finance* (P: Econ 301)

Econ 390 *Contemporary Economic Issues (Topic: Population Economics)* (P: Econ 301, 302, 310)

Econ 522 *Law and Economics* (P: Econ 301)

Applied Fields in the major

Educational Policy

Take Five

1. Ed Pol 107 *The History of the University in the West*
2. Ed Pol 150 *Education and Public Policy*
3. Ed Pol 412 *History of American Education*
4. Ed Pol 460 *Cultural Pluralism and Educational Policy*
5. Ed Pol 665 *History of the Federal Role in American Education*

Also consider a major in Educational Policy Studies

Federal Reserve/Public Finance

Advanced Electives in the major

Econ 390 *Contemporary Economic Issues (topic: Macroeconomic forecasting)* (P: Econ 410 or con. reg.)

Econ 410 *Introductory Econometrics* (P: Econ 310, **Math 221**)

Econ 441 *Analytical Public Finance* (P: Econ 301)

Econ 464 *International Trade and Finance* (P: Econ 301, 302)

Econ 666 *Advanced International Finance* (P: Econ 301, 302, 310; **B or higher in Math 221**)

Also consider taking the Advanced Treatment of intermediate economic theory 311-312 instead of 301-302

Applied Fields in the major

Econ 300 *Introduction to Finance*

Econ 320 *Investment Theory*

Econ 330 *Money and Banking*

Also consider taking the Honors calculus sequences Math 275-276 and/or 375-376 instead of 221-222-234.

Federal Reserve/Public Finance

Take Five

1. Finance 305 *Financial Markets, Institutions, and Economic Activity*
2. Finance 445 *Multinational Business Finance*
3. Finance 610 *Bank Simulation and Strategy*
4. Math 431 *Introduction to the Theory of Probability*
5. Computer Science 302 *Introduction to Programming*

Also consider a major in Statistics, and a certificate or major in Mathematics.

Law

Advanced Electives in the major

Econ 450 *Wages and the Labor Market* (P: Econ 301)

Econ 451 *The Economic Approach to Human Behavior* (P: Econ 301)

Econ 468 *Industrial Organization and Imperfect Competition* (P: Econ 301, **Math 221**)

Econ 522 *Law and Economics* (P: Econ 301)

Applied Fields in the major

Econ 524 *Philosophy and Economics*

Law

Take Five

1. Poli Sci 217 *Law, Politics, and Society*
2. Poli Sci 104/404 *(Introduction to) American Politics and Government*
3. Poli Sci 316 *Principles of International Law*
4. Gen Bus 301 *Business Law*
5. Poli Sci 411-412 *Constitutional Law*

Also consider majors in Political Science, Philosophy, and Legal Studies

Marketing

Advanced Electives in the major

- Econ 451 *The Economic Approach to Human Behavior (P: Econ 301)*
Econ 458 *Industrial Structure and Competitive Strategy (P: Econ 301)*
Econ 521 *Game Theory and Economic Analysis (P: Econ 301, Math 222)*

Applied Fields in the major

Marketing

Take Five

1. Marketing 300 *Marketing Management*
2. Marketing 305 *Consumer Behavior*
3. Marketing 310 *Marketing Research*
4. Marketing 420 *Global Marketing Strategy*
5. Marketing 460 *Marketing Strategy*

Also consider a major in Marketing

Environmental/Energy Policy

Advanced Electives in the major

- Econ 390 *Contemporary Economic Issues (Topic: Population Economics) (P: Econ 301, 302, 310)*
Econ 441 *Analytical Public Finance (P: Econ 301)*
Econ 522 *Law and Economics (P: Econ 301)*

Applied Fields in the major

- Econ 343 *Environmental Economics*
Econ 431 *Natural Resource Economics*
Econ 449 *Government and Natural Resources*
Econ 663 *Population and Society*
Econ 671 *Energy Economics*

Environmental/Energy Policy

Take Five

1. AAE 344 *The Environment and the Global Economy*
2. Gen Bus 600 *Environmental Strategy and Sustainability*
3. Gen Bus 601 *Systems Thinking and Sustainable Business*
4. Envir St 308 *People, Chemicals, Environment*
5. Envir St 344 *The Environment and the Global Economy*

Also consider a certificate in Environmental Studies

