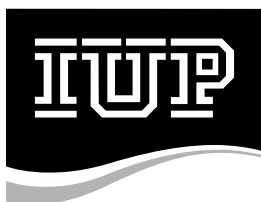


UNDERGRADUATE CATALOG 2016–17

Department of Economics
College of Humanities and Social Sciences
www.iup.edu/economics

This document is a direct extract from the full 2016–17 *Undergraduate Catalog*. As a result, the original page numbering will appear.

For information on other colleges at IUP, or about specific courses, please consult the full 2016–17 catalog, available at www.iup.edu/registrar/catalog. Earlier catalogs are also available at this web address.



Indiana University of Pennsylvania

Department of Economics

Website: www.iup.edu/economics

Nicholas Karatjas, Chairperson; Jeffords, J. Jozefowicz, S. Jozefowicz, Potts, Radell, Sissoko, Thompson, Vick, Yerger; and professors emeriti Martel, Stonebraker, Walker

Economics provides a background and educational base that open a broad range of professional, educational, and vocational opportunities. As part of a Humanities and Social Sciences degree, a bachelor of arts degree program in economics provides a liberal arts education, as well as professional and technical training. Indeed, many students completing an undergraduate major in economics do not pursue careers as professional economists; they enter such fields as law, management, finance, and labor relations. By helping to develop a student's ability to think and communicate, economics provides a firm foundation upon which the student can build any one of a large number of possible careers.

Three different degree programs are available: a bachelor of arts program in economics that prepares students for immediate employment or graduate school; a bachelor of arts degree program in economics/pre-law for students who wish to attend law school; and the bachelor of science in education degree that prepares students to teach economics and other social sciences in secondary schools.

Either ECON 101 or 121 counts as a Liberal Studies social science course. However, ECON 101 is intended for students who will take only one course in the field. Students who anticipate taking more than one economics course should schedule ECON 121. ECON 101 will not count toward either a major or minor in economics and may not be taken after the successful completion of, or in concurrent registrations with, any other economics course.

Economics majors are encouraged to minor in one of the other social sciences, business administration, mathematics, or applied statistics.

Economics Honors Program

The honors program is open by departmental permission to economics and economics/pre-law majors in the College of Humanities and Social Sciences with a minimum 3.25 cumulative GPA and a 3.25 GPA in economics courses. Students complete ECON 355*, 356/H/, and 456/H/. In addition, students must choose one class from the following: FIN 310, FIN 315, MATH 225, MATH 363, MATH 371, MATH 417, MATH 418, or HIST 487/H/. Students must earn at least a grade of "C" in each course completed for the track. Students should consult their advisors to determine how Honors Track courses will be integrated into existing requirements for the economics or economics/pre-law majors.

*In practice, MATH 214, 216, or 217 can be substituted for ECON 355.

To apply, an application should be filed with the chairperson of the Department of Economics.

Bachelor of Arts—Economics

Liberal Studies: As outlined in Liberal Studies section with the following specifications: 50-51

Mathematics: MATH 121 (1)

Social Science: ECON 121

Liberal Studies Electives: 9cr, no courses with ECON prefix

College: 0-6
Foreign Language Intermediate Level (2)

Major: 27

Required Courses:

ECON 122	Principles of Microeconomics	3cr
ECON 355	Statistics for Economists (3)	3cr
ECON 421	Macroeconomic Analysis	3cr
ECON 422	Microeconomic Analysis	3cr

Controlled Electives: 15cr
Five other ECON courses (4, 5, 6)

Free Electives: 36-43

Total Degree Requirements: 120

- (1) MATH 115 or 125 may be substituted for MATH 121.
- (2) Intermediate-level foreign language may be included in Liberal Studies electives.
- (3) MATH 214, 216, 217, or 363 may be substituted for ECON 355.
- (4) No more than 6cr of internship credit may be applied toward major.
- (5) No more than two ECON controlled electives may be 200-level courses.
- (6) Neither 101 nor 143 counts as an ECON controlled elective.

Bachelor of Arts—Economics/Pre-law Track

Liberal Studies: As outlined in Liberal Studies section with the following specifications: 50-51

Mathematics: MATH 121 (1)

Social Science: ECON 121

Liberal Studies Electives: 9cr, no courses with ECON prefix

College: 0-6
Foreign Language Intermediate Level (2)

Major: 24

Required Courses:

ECON 122	Principles of Microeconomics	3cr
ECON 355	Statistics for Economists (3)	3cr
ECON 421	Macroeconomic Analysis	3cr
ECON 422	Microeconomic Analysis	3cr

Controlled Electives:

Four other ECON courses (4, 5, 6) 12cr

Other Requirements: Pre-law Interdisciplinary Track 15-21

Seven courses, including at least one from each of six areas:

<i>Business:</i>	ACCT 201, ACCT 202, BLAW 235
<i>Criminology:</i>	CRIM 210, 215, 225, 255
<i>English:</i>	ENGL 212, 227, 265, 310, 321
<i>History:</i>	HIST 320, 341, 342, 346, 475
<i>Philosophy:</i>	PHIL 101, 122, 130, 221, 270, 320, 450
<i>Political Science:</i>	PLSC 358, 359, 361, 405

Free Electives: 18-31

Total Degree Requirements: 120

- (1) MATH 115 or 125 may be substituted for MATH 121.
- (2) Intermediate-level foreign language may be included in Liberal Studies electives.
- (3) MATH 214, 216, 217, or 363 may be substituted for ECON 355.
- (4) No more than 6cr of internship credit may be applied toward major.
- (5) No more than one ECON controlled elective may be a 200-level course.
- (6) Neither 101 nor 143 counts as an ECON controlled elective.

Bachelor of Science in Education—Social Studies Education/Economics Track (*)

Liberal Studies: As outlined in Liberal Studies section with the following specifications: 46

Mathematics: 3cr

Natural Science: Option II

Social Science: ANTH 110, ECON 121, PSYC 101

Liberal Studies Electives: 6cr, GEOG 230, SOC 337, no course with ECON prefix

College: 35
3 additional cr of MATH 100 level or above (in addition to Liberal Studies MATH) (1) 3cr

Preprofessional Education Sequence:

COMM 103	Digital Instructional Technology	3cr
EDSP 102	Educational Psychology	3cr

Professional Education Sequence:

CHSS 342	Social Studies Teaching Lab	1cr
EDEX 301	Education of Students with Disabilities in Inclusive Secondary Settings	2cr
EDEX 323	Instruction of English Language Learners with Special Needs	2cr
EDSP 477	Assessment of Student Learning: Design and Interpretation of Educational Measures	3cr
EDUC 242	Pre-student Teaching Clinical Experience I	1cr
EDUC 342	Pre-student Teaching Clinical Experience II	1cr
EDUC 441	Student Teaching	12cr
EDUC 442	School Law	1cr
EDUC 455	Teaching of Social Studies in Secondary Schools	3cr

Major: 18 (1) MATH 214, 216, or 217 may be substituted for ECON 355.

Required Courses:

ECON 122 Principles of Microeconomics 3cr

Controlled Electives: Upper-level ECON courses including at least one writing-intensive course and at least one course from each of the following three groups:

International courses: ECON 339, 345, 346, 350, 351
(ECON 351 is currently an inactive course.)

Macroeconomic courses: ECON 325, 326, 343, 421

Microeconomic courses: ECON 330, 331, 332, 333, 334, 335, 336, 361, 373, 383

Other Requirements: 21

Social Studies Distribution:

GEOG XXX 200-level or higher GEOG course 3cr

HIST 204 United States History to 1877 3cr

HIST 205 United States History since 1877 3cr

PLSC 111 Power and Democracy in America 3cr

PLSC 280 *or* 285 Comparative Government I: Western Political Systems or Comparative Government II: Non-Western Political Systems 3cr

Social Studies Minor (2) 6cr

Total Degree Requirements: 120

(*) See requirements leading to teacher certification, titled “3-Step Process for Teacher Education,” in the College of Education and Educational Technology section of this catalog. To student teach, students must have a 3.0 cumulative GPA in their major (social studies and economics courses).

- (1) Students are required to take an additional 3cr of MATH beyond the Liberal Studies requirement for a total of 6cr, all of which must be at the 100 level or above.
- (2) History is the recommended choice for a minor. However, students may complete a minor in any of the other social studies fields included in the social studies education certification. Choosing a field other than history may require additional credits.

Minor—Economics 18

Required Courses:

ECON 121 Principles of Macroeconomics 3cr

ECON 122 Principles of Microeconomics 3cr

Controlled Electives:

Four courses from ECON 200 or higher with at least 6cr 300-level or higher (1, 2) 12cr

- (1) MATH 214, 216, 217, or another quantitative class approved by the chairperson may be substituted for ECON 355. If one of the previously noted MATH classes is substituted for ECON 355, it will not count as a 300-level or higher course.
- (2) Neither 101 nor 143 counts as an ECON controlled elective.

Economics Honors Track 12

Required Courses:

ECON 355 Statistics for Economists 3cr

ECON 356/H/ Introduction to Econometrics 3cr

ECON 456/H/ Advanced Econometrics 3cr

One class from the following:

FIN 310 Fundamentals of Finance 3cr

FIN 315 Financial Analysis Using Electronic Spreadsheets 3cr

MATH 225 Differential Equations 3cr

MATH 363 Mathematical Statistics I 3cr

MATH 371 Linear Algebra 3cr

MATH 417 Statistical Applications 3cr

MATH 418 Sampling Survey Theory and Its Application 3cr

HIST 487/H/ Honors Colloquium in History 3cr