

# Economics - B.S.

College of  
Arts and Sciences

The Department of Economics offers theoretical and applied courses in diverse areas including microeconomics, macroeconomics, labor, money and banking, international economics, public economics, and industrial organization. It provides an opportunity for the student to pursue his or her interests within the framework of a liberal arts education.

The department offers programs leading to different undergraduate degrees – a Bachelor of Science in the Gatton College of Business and Economics, a Bachelor of Arts and a Bachelor of Science with a major in economics in the College of Arts and Sciences, and a Bachelor of Arts and a Bachelor of Science with a major in mathematical economics. The distinctions among these degrees lie primarily in the required supporting courses in the various programs. (For students wishing to major in economics through the Gatton College of Business and Economics, please refer directly to that college's section in the Catalog. Mathematical economics majors should refer directly to that section of the Catalog under the College of Arts and Sciences.)

## 120 hours (minimum)

Any student earning a Bachelor of Science (BS) degree must complete a minimum of 60 hours in natural, physical, mathematical, and computer science. Please note: courses with a prefix of ECO are generally not accepted towards fulfilling this 60-hour requirement. Therefore, be sure to keep this 60-hour requirement in mind as you choose your course work for the requirements in the major. A complete description of College requirements for a Bachelor of Science degree, including a specific listing of courses applicable to the 60-hour requirement, can be found in the *Arts and Sciences* section of the 2023-2024 Undergraduate Catalog.

## UK Core Requirements

See the *UK Core* section of the 2023-2024 Undergraduate Catalog for the complete UK Core requirements. The courses listed below are (a) recommended by the college, or (b) required courses that also fulfill UK Core areas. Students should work closely with their advisor to complete the UK Core requirements.

### I. Intellectual Inquiry in Arts and Creativity

Choose one course from approved list.....3

### II. Intellectual Inquiry in the Humanities

Choose one course from approved list.....3

### III. Intellectual Inquiry in the Social Sciences

Choose one course from approved list.....3

### IV. Intellectual Inquiry in the Natural, Physical, and Mathematical Sciences

Choose one course from approved list.....3

### V. Composition and Communication I

CIS/WRD 110 Composition and Communication I .....3

### VI. Composition and Communication II

CIS/WRD 111 Composition and Communication II .....3

### VII. Quantitative Foundations

MA 123 Elementary Calculus and its Applications

or

MA 113 Calculus I .....4

### VIII. Statistical Inferential Reasoning

STA 296 Statistical Methods and Motivations.....3

### IX. Community, Culture and Citizenship in the USA

Choose one course from approved list.....3

### X. Global Dynamics

Choose one course from approved list.....3

**UK Core hours ..... 31**

## Graduation Composition and Communication Requirement (GCCR)

ECO 499 Seminar in Economics (Subtitle required).....3

## Graduation Composition and Communication Requirement hours (GCCR)..... 3

## College Requirements

I. Foreign Language (*placement exam recommended*) ..... 0-14

II. Disciplinary Requirements

a. Natural Science.....3

b. Social Science (*completed by Premajor Requirement*).....3

c. Humanities.....3

III. Laboratory or Field Work.....1

IV. Race and Ethnicity Requirement..... 0-3

V. Electives.....6

**College Requirement hours: ..... 13-30**

## Premajor Requirements

\*MA 113 Calculus I

or

\*MA 123 Elementary Calculus and its Applications **and**

MA 162 Finite Mathematics and its Applications..... 4-7

ECO 201 Principles of Economics I.....3

ECO 202 Principles of Economics II.....3

STA 296 Statistical Methods and Motivations.....3

**Premajor hours: ..... 13-16**

## Major Requirements

### Major Core Requirements

ECO 391 Economic and Business Statistics.....3

ECO 401 Intermediate Microeconomic Theory.....3

ECO 402 Intermediate Macroeconomic Theory.....3

ECO 499 Seminar in Economics (Subtitle required).....3

**Major Core hours: ..... 12**

## Other Course Work Required for the Major

### From the Major Department:

Choose 9-15 hours of 300+ level economics courses of which at least 6 hours must be at the 400+ level ..... 9-15

– CONTINUED –

The University of Kentucky is accredited by the Southern Association of Colleges and Schools Commission on Colleges (SACSCOC) to award associate, baccalaureate, masters, educational specialist, and doctorate degrees. The University of Kentucky also may offer credentials such as certificates and diplomas at approved degree levels. Questions about the accreditation of the University of Kentucky may be directed in writing to the Southern Association of Colleges and Schools Commission on Colleges at 1866 Southern Lane, Decatur, GA 30033-4097, by calling (404) 679-4500, or by using information available on SACSCOC's website ([www.sacscoc.org](http://www.sacscoc.org)).

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## From Outside the Major Department

Choose 15-21 hours outside Economics at the 200+ level, with at least six hours in two different departments. These courses are generally chosen from the following departments: Anthropology, Computer Science, History, Mathematics, Philosophy, Political Science, Psychology, Sociology, Statistics, or courses offered by the College of Business and Economics. 200+ level courses used to satisfy College Requirements can also be counted here ..... 15-21

**Other Major hours:** ..... **30**

## Electives

Choose electives to lead to the minimum total of 60 science hours and 120 earned hours required for graduation ..... 7

## Total Minimum hours

**Required for Degree** ..... **120**

*\*Course used towards completion of a UK Core Requirement.*