

COMPUTER SCIENCE + ECONOMICS, BSLAS

for the degree of Bachelor of Science in Liberal Arts and Sciences Major in Computer Science + Economics

Undergraduate Degree Programs in Economics

- Econometrics & Quantitative Economics, BSLAS (<http://catalog.illinois.edu/undergraduate/las/econometrics-quantitative-economics-bslas/>)
- Economics, BALAS (<http://catalog.illinois.edu/undergraduate/las/economics-balas/>)
- Computer Science & Economics, BSLAS (p. 1)

For further information, please visit the Economics undergraduate program page (<http://www.economics.illinois.edu/undergrad/info/>).

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Please visit the computer science advisor as well as the economics advising office.

A Major Plan of Study Form must be completed and submitted to the LAS Student Affairs Office by the beginning of the fifth semester (60-75 hours).

General education: Students must complete the Campus General Education (<https://courses.illinois.edu/>) requirements including the campus general education language requirement.

Minimum required major and supporting course work: Normally equates to 66 hours. Twelve hours of 300- and 400-level in the major must be taken on this campus.

Minimum hours required for graduation: 120 hours.

Code	Title	Hours
Required Computer Science Courses:		
CS 100	Computer Science Orientation (recommended; CS 100 is an orientation course aimed at first-year students, so students who declare the major after the freshman year are not required to complete it.)	1
CS 124	Introduction to Computer Science I	3
CS 128	Introduction to Computer Science II	3
CS 173	Discrete Structures	3
CS 225	Data Structures	4
CS 222	Software Design Lab	1
Choose one of the following combinations		8-11
CS 233 & CS 341	Computer Architecture and System Programming	
OR		
CS 340	Introduction to Computer Systems	
& two CS courses at the 400 level above CS 403, excluding CS 421 and CS 491. These two courses must be distinct from all other courses used to fulfill program requirements or options.		

Choose one of the following:		3
ECON 202	Economic Statistics I	
STAT 200	Statistical Analysis	
STAT 212	Biostatistics	
CS 361	Probability & Statistics for Computer Science	
CS 374	Introduction to Algorithms & Models of Computation	4
CS 421	Programming Languages & Compilers	3
Mathematics (may also fulfill the General Education Quantitative Reasoning I and II requirements):		
MATH 220	Calculus	4-5
or MATH 221 Calculus I		
MATH 225	Introductory Matrix Theory	2 or 3
or MATH 257 Linear Algebra with Computational Applications		
MATH 231	Calculus II	3
Required Economics Coursework – minimum 24 hours		
ECON 102	Microeconomic Principles	3
ECON 103	Macroeconomic Principles	3
ECON 203	Economic Statistics II	3
ECON 302	Inter Microeconomic Theory	3
Four 400-level courses in Economics selected from an approval list of computation-focused courses		12
Total Hours		66-71

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CS + X Degrees (<https://cs.illinois.edu/academics/undergraduate/degree-program-options/cs-x-degree-programs/#requirements>)
 CS + Economics (<https://economics.illinois.edu/academics/undergraduate-program/majors-minor/cs-econ/>)

Economics department page (<https://economics.illinois.edu/>)

College of Liberal Arts & Sciences

overview of college admissions & requirements: Liberal Arts & Sciences (<http://catalog.illinois.edu/schools/las/>)

college websites: <https://las.illinois.edu/> and <https://grainger.illinois.edu> (<https://grainger.illinois.edu>)

Economics email (econug@illinois.edu)
 Computer Science email (undergrad@cs.illinois.edu)