

ECONOMICS, BACHELOR OF ARTS

College of Letters & Science

The Department of Economics at UC Davis trains students from diverse backgrounds in pursuit of solutions to society's most pressing economic problems using research and interdisciplinary ideas at the frontier of knowledge.

The Program

Economics majors all complete core courses that include principles, intermediate theory, quantitative methods and economic history. In addition to these core courses, students are free to take a variety of classes according to their own individual interests across the discipline. Some students choose to specialize in behavior and strategy, data analytics and economic analysis, economic history, international macro-finance, policy, or poverty and inequality.

Major Advisors

Contact Department office at ehadvisingcenter@ucdavis.edu or 530-752-9142.

Internships & Career Alternatives

Internships for economics majors have been arranged at banks, brokerages, other business enterprises, and governmental units. The internships must complement the student's course work. A degree in economics is excellent preparation for students who want to go on to law school, business school, advanced work in economics, or graduate work in international relations. It is also a good background for careers in management and positions with the government.

Course Limits

Students are expected to take ECN 100A, ECN 100B, and ECN 101 at UC Davis.

Students may receive one specialization only for the major.

Except under extraordinary circumstances, not more than two economics courses should be taken in any one quarter. In special cases, the department will accept a limited number of related upper division courses from other departments in satisfaction of the economics upper division course requirements. Approval from a departmental advisor is required in all such cases.

Graduation with High or Highest Honors. To be eligible for departmental recommendation for High or Highest Honors in Economics at graduation, a student must take all upper division courses in Economics for a letter grade, earn at least a 3.500 grade point average in those courses, and complete at least eight units of course work that result in the submission of an Honors project. Consult the College of Letters and Science section of this catalog and contact the Department for more information.

Study Abroad

The Economics Department wishes to accommodate students who would like to complement their economics degree with a study abroad experience. Up to 20 units of upper division credit from foreign campuses (excluding ECN 100A, ECN 100B, and ECN 101) may be used towards the completion of the degree. To ensure that foreign courses will apply towards the economics degree, students need to select courses from

the pre-approved list at the UC Davis Study Abroad office or seek pre-approval in the economics department for the foreign courses they wish to complete.

Recommended

Students considering graduate study in economics are strongly urged to take MAT 021A-MAT 021B-MAT 021C and MAT 022A.

American History & Institutions

This University requirement can be satisfied by completion of ECN 111A, ECN 111B; see also under Bachelor's Degree Requirements (<https://catalog.ucdavis.edu/undergraduate-education/university-degree-requirements/american-history-institutions-requirement/>).

Graduate Study

Students who meet the admission requirements of Graduate Studies and the Department of Economics may pursue studies leading to M.A. and Ph.D. degrees. Fields of emphasis for graduate study include: Microeconomic Theory, Macroeconomic Theory, Econometrics, Economic Development, Economic History, Industrial Organization, International Economics, Labor Economics and Public Economics. For information on admission to graduate study, degree requirements, and financial aid, consult the Graduate Announcement and Department of Economics (<https://www.econ.ucdavis.edu/graduate-program/>).

The major requirements below are in addition to meeting University Degree Requirements (<https://catalog.ucdavis.edu/undergraduate-education/university-degree-requirements/>) & College Degree Requirements (<https://catalog.ucdavis.edu/undergraduate-education/college-degree-requirements/>); unless otherwise noted. The minimum number of units required for the Economics Bachelor of Arts is 64.

Code	Title	Units
Preparatory Subject Matter		
<i>Economics</i>		8
ECN 001A or ECN 001AV or ECN 001AY	Principles of Microeconomics	
ECN 001B or ECN 001BV	Principles of Macroeconomics	
<i>Statistics</i>		4
Choose one:		
STA 013 or STA 013Y	Elementary Statistics	
STA 032	Gateway to Statistical Data Science	
<i>Mathematics</i>		8-12
Choose one series:		
MAT 016A & MAT 016B & MAT 016C DISCONTINUED	and and (Discontinued)	
OR		
MAT 017A & MAT 017B & MAT 017C	Calculus for Biology & Medicine and Calculus for Biology & Medicine and Calculus for Biology & Medicine	
OR		
MAT 019A & MAT 019B & MAT 019C	Calculus for Data-Driven Applications and Calculus for Data-Driven Applications and Calculus for Data-Driven Applications	

OR		
MAT 021A & MAT 021B	Calculus and Calculus	
Preparatory Subject Matter Subtotal		20-24
Depth Subject Matter		
<i>Economics</i>		20
ECN 100A	Intermediate Micro Theory: Consumer & Producer Theory	
or ECN 100AV	Intermediate Micro Theory: Consumer & Producer Theory	
ECN 100B	Intermediate Micro Theory: Imperfect Competition & Market Failure	
ECN 101	Intermediate Macro Theory	
ECN 102	Analysis of Economic Data	
Choose one:		
ECN 110A	World Economic History Before the Industrial Revolution	
ECN 110B	World Economic History Since the Industrial Revolution	
or ECN 110BY	World Economic History Since the Industrial Revolution	
ECN 111A	Economic History	
or ECN 111AV	Economic History	
or ECN 111AY	Economic History	
ECN 111B	Economics History	
ECN 117	Economics of International Immigration	
Choose one specialization below:		24
Specialization: General (p. 2)		
Specialization: Behavior & Strategy (p. 2)		
Specialization: Data Analytics & Economics Analysis (p. 3)		
Specialization: International Macro-Finance (p. 3)		
Specialization: Policy (p. 4)		
Specialization: Poverty & Inequality (p. 4)		
Specialization: Economic History (p. 4)		
Depth Subject Matter Subtotal		44
Total Units		64-68

Specialization: General

Code	Title	Units
Choose 12 units:		12
ECN 103	Economics of Uncertainty & Information	
ECN 106	Decision Making	
or ECN 106Y	Decision Making	
ECN 116	Comparative Economic Systems	
ECN 121A	Industrial Organization	
ECN 121B	Industrial Organization	
ECN 122	Theory of Games & Strategic Behavior	
ECN 125	Energy Economics	
ECN 130	Public Microeconomics	
or ECN 130Y	Public Microeconomics	
ECN 131	Public Finance	
or ECN 131V	Public Finance	
or ECN 131Y	Public Finance	

ECN 132	Health Economics	
ECN 134	Financial Economics	
or ECN 134Y	Financial Economics	
ECN 135	Money, Banks, & Financial Institutions	
or ECN 135Y	Money, Banks, & Financial Institutions	
ECN 136	Topics in Macroeconomic Theory	
ECN 137	Macroeconomic Policy	
ECN 138	Public Economics in International Perspective	
ECN 140	Econometrics	
ECN 141	Economic & Financial Forecasting	
ECN 142	Economics & Business Data Analytics	
ECN 145	Transportation Economics	
ECN 151A	Economics of the Labor Market	
ECN 151B	Economics of Human Resources	
ECN 152	Economics of Education	
ECN 160A	International Microeconomics	
ECN 160B	International Macroeconomics	
ECN 164	International Finance	
ECN 167	Economic Development in Weak States	
ECN 190	Topics in Economics (selected topics only)	
ECN 194HA	Special Study for Honors Students	
ECN 194HB	Special Study for Honors Students	
ARE 139	Futures & Options Markets	
ARE 156	Introduction to Mathematical Economics	
ARE 166	Economics of Global Poverty Reduction: What Works & Why	
ARE/ESP 175	Natural Resource Economics	
ARE 176	Environmental Economics	
Additional upper division Economics courses.		12
Total Units		24

Specialization: Behavior & Strategy

Code	Title	Units
Choose one:		4
ECN 121A	Industrial Organization	
ECN 122	Theory of Games & Strategic Behavior	
Choose two:		8
ECN 103	Economics of Uncertainty & Information	
ECN 106	Decision Making	
or ECN 106Y	Decision Making	
ECN 107/ PSC 133/CGS 107	Neuroeconomics/Reinforcement Learning & Decision Making	
ECN 121A	Industrial Organization	
ECN 121B	Industrial Organization	
ECN 122	Theory of Games & Strategic Behavior	
ARE 133	Introduction to Behavioral Economics	
Choose one:		4
ECN 103	Economics of Uncertainty & Information	
ECN 106	Decision Making	
or ECN 106Y	Decision Making	
ECN 116	Comparative Economic Systems	

ECN 121A	Industrial Organization
ECN 121B	Industrial Organization
ECN 122	Theory of Games & Strategic Behavior
ECN 125	Energy Economics
ECN 130	Public Microeconomics
or ECN 130Y	Public Microeconomics
ECN 131	Public Finance
or ECN 131V	Public Finance
or ECN 131Y	Public Finance
ECN 132	Health Economics
ECN 134	Financial Economics
or ECN 134Y	Financial Economics
ECN 135	Money, Banks, & Financial Institutions
or ECN 135Y	Money, Banks, & Financial Institutions
ECN 136	Topics in Macroeconomic Theory
ECN 137	Macroeconomic Policy
ECN 138	Public Economics in International Perspective
ECN 140	Econometrics
ECN 141	Economic & Financial Forecasting
ECN 142	Economics & Business Data Analytics
ECN 145	Transportation Economics
ECN 151A	Economics of the Labor Market
ECN 151B	Economics of Human Resources
ECN 152	Economics of Education
ECN 160A	International Microeconomics
ECN 160B	International Macroeconomics
ECN 164	International Finance
ECN 167	Economic Development in Weak States
ECN 190	Topics in Economics (selected topics only)
ECN 194HA	Special Study for Honors Students
ECN 194HB	Special Study for Honors Students
ARE 139	Futures & Options Markets
ARE 156	Introduction to Mathematical Economics
ARE 166	Economics of Global Poverty Reduction: What Works & Why
ARE/ESP 175	Natural Resource Economics
ARE 176	Environmental Economics
Additional upper division Economics courses.	
Total Units	

8

24

Specialization: Data Analytics & Economics Analysis

Code	Title	Units
ECN 140	Econometrics	4
Choose two:		8
ECN 103	Economics of Uncertainty & Information	
ECN 106	Decision Making	
or ECN 106Y	Decision Making	
ECN 122	Theory of Games & Strategic Behavior	
ECN 132	Health Economics	
ECN 140	Econometrics	

ECN 142	Economics & Business Data Analytics
ECN 145	Transportation Economics
ECN 190	Topics in Economics (selected topics only)
Additional upper division Economics courses.	
Total Units	

12

24

Specialization: International Macro-Finance

Code	Title	Units
Choose three:		12
ECN 110B	World Economic History Since the Industrial Revolution	
or ECN 110BY	World Economic History Since the Industrial Revolution	
ECN/ARE 115A	Economic Development	
ECN/ARE 115B	Economic Development	
or ECN/ARE 115BY	Economic Development	
ECN 134	Financial Economics	
or ECN 134Y	Financial Economics	
ECN 135	Money, Banks, & Financial Institutions	
or ECN 135Y	Money, Banks, & Financial Institutions	
ECN 136	Topics in Macroeconomic Theory	
ECN 137	Macroeconomic Policy	
ECN 141	Economic & Financial Forecasting	
ECN 160B	International Macroeconomics	
ECN 164	International Finance	
ECN 171	Economy of East Asia	
Choose three:		12
ECN 103	Economics of Uncertainty & Information	
ECN 106	Decision Making	
or ECN 106Y	Decision Making	
ECN 116	Comparative Economic Systems	
ECN 121A	Industrial Organization	
ECN 121B	Industrial Organization	
ECN 122	Theory of Games & Strategic Behavior	
ECN 125	Energy Economics	
ECN 130	Public Microeconomics	
or ECN 130Y	Public Microeconomics	
ECN 131	Public Finance	
or ECN 131V	Public Finance	
or ECN 131Y	Public Finance	
ECN 132	Health Economics	
ECN 134	Financial Economics	
or ECN 134Y	Financial Economics	
ECN 135	Money, Banks, & Financial Institutions	
or ECN 135Y	Money, Banks, & Financial Institutions	
ECN 136	Topics in Macroeconomic Theory	
ECN 137	Macroeconomic Policy	
ECN 138	Public Economics in International Perspective	
ECN 140	Econometrics	

ECN 141	Economic & Financial Forecasting	
ECN 142	Economics & Business Data Analytics	
ECN 145	Transportation Economics	
ECN 151A	Economics of the Labor Market	
ECN 151B	Economics of Human Resources	
ECN 152	Economics of Education	
ECN 160A	International Microeconomics	
ECN 160B	International Macroeconomics	
ECN 164	International Finance	
ECN 167	Economic Development in Weak States	
ECN 190	Topics in Economics (selected topics only)	
ECN 194HA	Special Study for Honors Students	
ECN 194HB	Special Study for Honors Students	
ARE 139	Futures & Options Markets	
ARE 156	Introduction to Mathematical Economics	
ARE 166	Economics of Global Poverty Reduction: What Works & Why	
ARE/ESP 175	Natural Resource Economics	
ARE 176	Environmental Economics	
Total Units		24

Specialization: Policy

Code	Title	Units
Choose three:		12
ECN 125	Energy Economics	
ECN 130	Public Microeconomics	
or ECN 130Y	Public Microeconomics	
ECN 131	Public Finance	
or ECN 131V	Public Finance	
or ECN 131Y	Public Finance	
ECN 138	Public Economics in International Perspective	
ECN 145	Transportation Economics	
ECN 151A	Economics of the Labor Market	
ECN 151B	Economics of Human Resources	
ECN 152	Economics of Education	
ECN 160A	International Microeconomics	
ECN 190	Topics in Economics (selected topics only)	
Additional upper division Economics courses.		12
Total Units		24

Specialization: Poverty & Inequality

Code	Title	Units
Choose three:		12
ECN/ARE 115A	Economic Development	
ECN/ARE 115B	Economic Development	
or ECN/ARE 115BY	Economic Development	
ECN 117	Economics of International Immigration	
ECN 130	Public Microeconomics	
or ECN 130Y	Public Microeconomics	

ECN 138	Public Economics in International Perspective	
ECN 151B	Economics of Human Resources	
ECN 167	Economic Development in Weak States	
Choose three:	12	
ECN 103	Economics of Uncertainty & Information	
ECN 106	Decision Making	
or ECN 106Y	Decision Making	
ECN 116	Comparative Economic Systems	
ECN 121A	Industrial Organization	
ECN 121B	Industrial Organization	
ECN 122	Theory of Games & Strategic Behavior	
ECN 125	Energy Economics	
ECN 130	Public Microeconomics	
or ECN 130Y	Public Microeconomics	
ECN 131	Public Finance	
or ECN 131V	Public Finance	
or ECN 131Y	Public Finance	
ECN 132	Health Economics	
ECN 134	Financial Economics	
or ECN 134Y	Financial Economics	
ECN 135	Money, Banks, & Financial Institutions	
or ECN 135Y	Money, Banks, & Financial Institutions	
ECN 136	Topics in Macroeconomic Theory	
ECN 137	Macroeconomic Policy	
ECN 138	Public Economics in International Perspective	
ECN 140	Econometrics	
ECN 141	Economic & Financial Forecasting	
ECN 142	Economics & Business Data Analytics	
ECN 151A	Economics of the Labor Market	
ECN 151B	Economics of Human Resources	
ECN 152	Economics of Education	
ECN 160A	International Microeconomics	
ECN 160B	International Macroeconomics	
ECN 164	International Finance	
ECN 167	Economic Development in Weak States	
ECN 190	Topics in Economics (selected topics only)	
ECN 194HA	Special Study for Honors Students	
ECN 194HB	Special Study for Honors Students	
ARE 139	Futures & Options Markets	
ARE 156	Introduction to Mathematical Economics	
ARE 166	Economics of Global Poverty Reduction: What Works & Why	
ARE/ESP 175	Natural Resource Economics	
ARE 176	Environmental Economics	
Total Units		24

Specialization: Economic History

Code	Title	Units
Choose three:		12
ECN 110A	World Economic History Before the Industrial Revolution	

ECN 110B	World Economic History Since the Industrial Revolution	HIS 133	European Thought & Culture from the Renaissance to the Enlightenment
or ECN 110BY	World Economic History Since the Industrial Revolution	HIS 134A	The Age of Revolution
ECN 111A	Economic History	HIS 135A	History of Science to the 18th Century
or ECN 111AV	Economic History	HIS 135B	History of Science, 18th to 20th Centuries
or ECN 111AY	Economic History	HIS/STS 136	Scientific Revolution
ECN 111B	Economics History	HIS 138A	The Rise of the Russian Empire, 1304-1825
ECN 117	Economics of International Immigration	HIS 138B	Reform & Revolution in Tsarist Russia, 1825-1917
One of which may be from:		HIS 138C	Russian History: The Rise & Fall of the Soviet Union, 1917 to Present
HIS 107	Medicine's Histories: Human & Veterinary Medicine from the Ancient World to One Health	HIS 139A	Medieval & Renaissance Medicine
HIS 108	Global Environmental History	HIS 140	The Rise of Capitalism in Europe
HIS/SAS 109	Environmental Change, Disease & Public Health	HIS 141	France Since 1815
HIS 110	Themes in World History	HIS 142A	History of the Holocaust
HIS 110A	Colonialism & the Making of the Modern World	HIS 142B	The Memory of the Holocaust
HIS 111A	Ancient History	HIS 143	History of Eastern Europe & the Balkans
HIS 111B	Ancient History	HIS 144A	History of Germany, 1450 to 1789
HIS 111C	Ancient History	HIS 144B	History of Germany since 1789
HIS 112A	Topics in Pre-Modern Jewish History	HIS 145	War & Revolution in Europe: 1789-1918
HIS 112B	Topics in Modern Jewish History	HIS 146A	Europe in the 20th Century
HIS 112C	History of Jews in the Muslim World	HIS 146B	Europe in the 20th Century
HIS 113	History of Modern Palestine/Israel	HIS 147A	European Intellectual History: 1800-1870
HIS 115A	History of West Africa	HIS 147B	European Intellectual History: 1870-1920
HIS 115B	History of East Africa & the Indian Ocean	HIS 147C	European Intellectual History: 1920-1970
HIS 115C	History of Southern Africa from Exploration to the Rainbow Nation	HIS 148A	Women & Society in Europe: 1500-1789
HIS 115D	Postcolonial Africa	HIS 148B	Women & Society in Europe: 1789-1920
HIS 115E	Slavery, Africa, & the Atlantic World	HIS 148C	Women in Society in Europe: 1914-Present
HIS 115F	History of Modern North Africa, 1800 to the Present	HIS 149	Comparative Cultural History of Modern Britain & France, 1880-1914
HIS 116	African History: Special Themes	HIS 151A	England: The Middle Ages
HIS 119	World War I	HIS 151B	England: The Early Modern Centuries
HIS 120	World War II	HIS 151C	18th-Century England
HIS 121A	Medieval History	HIS 151D	Industrial England
HIS 121B	Medieval History	HIS 156	Latin American Migration History
HIS 121C	Medieval History	HIS 157	Business, Biomes & Knowledge: Latin American Environmental History
HIS 122	Selected Themes in Medieval History	HIS 158	Special Topics in Latin American History
HIS 125	Topics in Early Modern European History	HIS 159	Women & Gender in Latin American History
HIS 126Y/ HMR 162Y	The History of Human Rights in Europe	HIS 160	Spain & America in the 16th Century
HIS 130A	Christianity & Culture in Europe: 50-1450	HIS/HMR 161	Human Rights in Latin America
HIS 130B	Christianity & Culture in Europe: 1450-1600	HIS 162	History of the Andean Region
HIS 130C	Christianity & Culture in Europe: 1600-1850	HIS 163A	History of Brazil
HIS 131A	Early Modern European History	HIS 163B	History of Brazil
HIS 131B	European History During the Renaissance & Reformation	HIS 164	History of Chile
HIS 131C	The Old Regime: Absolutism, Enlightenment & Revolution in Europe	HIS 165	Latin American Social Revolutions
HIS 132	Crime & Punishment in Early Modern Europe	HIS 166A	History of Mexico to 1848
		HIS 166B	History of Mexico since 1848
		HIS 167	Modern Latin American Cultural & Intellectual History
		HIS 168	History of Inter-American Relations
		HIS 169A	Mexican-American History
		HIS 169B	Mexican-American History

HIS 170A	Colonial America
HIS 170B	The American Revolution
HIS 170C	The Early National Period, 1789-1815
HIS 171A	Slavery, Society & Expansion in the Early U.S.
HIS 171B	Civil War Era
HIS 171C	Reconstruction, America's Second Founding
HIS 171D	Selected Themes in 19th-Century American History
HIS 172	American Environmental History
HIS 173	Becoming an American: Immigration & American Culture
HIS 174A	The Gilded Age & Progressive Era: United States, 1876-1917
HIS 174B	War, Prosperity, & Depression: United States, 1917-1945
HIS 174C	The United States Since World War II, 1945 to the Present
HIS 174D	Selected Themes in 20th-Century American History
HIS 175	American Intellectual History
HIS 176A	Cultural & Social History of United States
HIS 176B	Cultural & Social History of United States
HIS 177A	History of Black People & American Race Relations: 1450-1860
HIS 177B	History of Black People & American Race Relations: 1860-Present
HIS 178	Water in the West: Environment & Politics in America's Arid Lands
HIS 179	Asian American History, 1850-Present
HIS 180AN	American Political History, 1789-1896
HIS 180BN	American Political History, 1896-present
HIS 180C	The Fight for the Right to Vote
HIS 181	Religion in American History to 1890
HIS 182	Gender & Justice in American History
HIS 183A	The Frontier Experience: Trans-Mississippi West
HIS 183B	The Frontier Experience: Trans-Mississippi West
HIS 184	History of Sexuality in America
HIS 185A	History of Science in America
HIS 185B	History of Technology in America
HIS 187	History of US Foreign Relations in the 20th Century
HIS 188	America in the 1960s
HIS 189	California History
HIS 190A	Middle Eastern History I: The Rise of Islam, 600-1000
HIS 190B	Middle Eastern History II: The Age of the Crusades, 1001-1400
HIS 190C	Middle Eastern History III: The Ottomans, 1401-1730
HIS 190D	Middle Eastern History IV: Safavids Iran, 1300-1720

HIS 191A	Classical China
HIS 191B	High Imperial China
HIS 191C	Late Imperial China
HIS 191D	19th-Century China: The Empire Confronts the West
HIS 191E	The Chinese Revolution
HIS 191F	History of the People's Republic of China
HIS 191G	Special Topics in Chinese History to 1800
HIS 191H	Special Topics in Chinese History after 1800
HIS 191J	Sex & Society in Modern Chinese History
HIS 193A	History of the Modern Middle East, 1750-1914
HIS 193B	History of the Modern Middle East, From 1914
HIS 193C	The Middle East Environment: Historical Change & Current Challenges
HIS 193D	History of Modern Iran, From 1850 to Present
HIS 194A	Aristocratic & Feudal Japan
HIS 194B	Early Modern Japan
HIS 194C	Modern Japan
HIS 194D	Business & Labor in Modern Japan
HIS 194E	Education & Technology in Modern Japan
HIS 195B	History of Modern Korea
HIS 195C	A History of Vietnam
HIS 196A	Medieval India
HIS 196B	Modern India
Choose three:	12
ECN 103	Economics of Uncertainty & Information
ECN 106	Decision Making
or ECN 106Y	Decision Making
ECN 116	Comparative Economic Systems
ECN 121A	Industrial Organization
ECN 121B	Industrial Organization
ECN 122	Theory of Games & Strategic Behavior
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ECN 194HB	Special Study for Honors Students
ARE 139	Futures & Options Markets
ARE 156	Introduction to Mathematical Economics
ARE 166	Economics of Global Poverty Reduction: What Works & Why
ARE/ESP 175	Natural Resource Economics
ARE 176	Environmental Economics

Total Units **24**