

ECONOMICS, BACHELOR OF ARTS

College of Letters & Science

The Major Program

Economics is the study of how individuals, organizations, and societies choose among alternative uses of resources and how these resources are turned into the things people want.

The Program

Economics majors complete an introductory course sequence in economics, in addition to several courses in quantitative methods. Intermediate theory and economic history are taken on the upper division level and then students are free to concentrate the remainder of their units in various areas of interest, including more courses in economic theory or history, international economics, labor, industry, alternative economic systems, economic development, public finance, econometrics, or mathematical economics.

Major Advisors

Contact Department office at ehadvicingcenter@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

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 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/>).

Graduate Study

Students who meet the admission requirements of Graduate Studies and the Department of Economics may pursue studies leading to the 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 <http://www.econ.ucdavis.edu>.

Graduate Advisors

Contact Department office.

Code	Title	Units
Preparatory Subject Matter		
<i>Economics</i>		8
ECN 001A	Principles of Microeconomics	
or ECN 001AV	Principles of Microeconomics	
or ECN 001AY	Principles of Microeconomics	
ECN 001B	Principles of Macroeconomics	
or ECN 001BV	Principles of Macroeconomics	
<i>Statistics</i>		4
Choose one:		
STA 013	Elementary Statistics	
or STA 013Y	Elementary Statistics	
STA 032	Gateway to Statistical Data Science	
<i>Mathematics</i>		6-8
Choose one:		
MAT 016A	Short Calculus	
MAT 017A	Calculus for Biology & Medicine	
MAT 021A	Calculus	
Choose one:		
MAT 016B	Short Calculus	
MAT 017B	Calculus for Biology & Medicine	
MAT 021B	Calculus	
Preparatory Subject Matter Subtotal		18-20
Depth Subject Matter		
<i>Economics</i>		20
ECN 100A	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	
ECN 111A	Economic History	
ECN 111B	Economics History	
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. 3)		
Specialization: Poverty & Inequality (p. 3)		
Specialization: Economic History (p. 4)		
Depth Subject Matter Subtotal		44
Total Units		62-64

Specialization: General

Code	Title	Units
Choose 12 units: 12		
ECN 103	Economics of Uncertainty & Information	
ECN 106	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	
ECN 131	Public Finance	
ECN 132	Health Economics	
ECN 134	Financial Economics	
ECN 135	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 (Pending Approval)	
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 (Pending Approval)	
ECN 167	Economic Development in Weak States	
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:		
ECN 121A	Industrial Organization	
ECN 122	Theory of Games & Strategic Behavior	
Choose two:		8
ECN 103	Economics of Uncertainty & Information	
ECN 106	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	
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	
ECN 131	Public Finance	
ECN 132	Health Economics	
ECN 134	Financial Economics	
ECN 135	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 (Pending Approval)	
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 (Pending Approval)	
ECN 167	Economic Development in Weak States	
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.		8
Total Units		20

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	
ECN 122	Theory of Games & Strategic Behavior	
ECN 132	Health Economics	
ECN 140	Econometrics	
ECN 142	Economics & Business Data Analytics (Pending Approval)	
ECN 145	Transportation Economics	
Additional upper division Economics courses.		12
Total Units		24

Specialization: International Macro-Finance

Code	Title	Units
Choose three:		12
ECN 110B	World Economic History Since the Industrial Revolution	
ECN 134	Financial Economics	
ECN 135	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 (Pending Approval)	
ECN 171	Economy of East Asia	
Choose three:		12
ECN 103	Economics of Uncertainty & Information	
ECN 106	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	
ECN 131	Public Finance	
ECN 132	Health Economics	
ECN 134	Financial Economics	
ECN 135	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 (Pending Approval)	
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 (Pending Approval)	
ECN 167	Economic Development in Weak States	
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	
ECN 131	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	
Additional upper division Economics courses.		12
Total Units		24

Specialization: Poverty & Inequality

Code	Title	Units
Choose three:		12
ECN/ARE 115A	Economic Development	
ECN 115B/115BY/ ARE 115B/115BY	Economic Development	
ECN 117	Economics of International Immigration	
ECN 130	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	
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	
ECN 131	Public Finance	
ECN 132	Health Economics	
ECN 134	Financial Economics	
ECN 135	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 (Pending Approval)	
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 (Pending Approval)	
ECN 167	Economic Development in Weak States	
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	
ECN 111A	Economic History	
ECN 111B	Economics History	
ECN 117	Economics of International Immigration	
One of which may be from:		
HIS 107	Medicine's Histories: Human & Veterinary Medicine from the Ancient World to One Health	
HIS 108	Global Environmental History	

HIS/SAS 109	Environmental Change, Disease & Public Health
HIS 110	Themes in World History
HIS 110A	Colonialism & the Making of the Modern World
HIS 111A	Ancient History
HIS 111B	Ancient History
HIS 111C	Ancient History
HIS 112A	Topics in Pre-Modern Jewish History
HIS 112B	Topics in Modern Jewish History
HIS 112C	History of Jews in the Muslim World
HIS 113	History of Modern Israel
HIS 115A	History of West Africa
HIS 115B	History of East Africa & the Indian Ocean
HIS 115C	History of Southern Africa from Exploration to the Rainbow Nation
HIS 115D	Postcolonial Africa
HIS 115E	Slavery, Africa, & the Atlantic World
HIS 115F	History of Modern North Africa, 1800 to the Present
HIS 116	African History: Special Themes
HIS 119	World War I
HIS 120	World War II
HIS 121A	Medieval History
HIS 121B	Medieval History
HIS 121C	Medieval History
HIS 122	Selected Themes in Medieval History
HIS 125	Topics in Early Modern European History
HIS 126Y/HMR 162Y	The History of Human Rights in Europe
HIS 130A	Christianity & Culture in Europe: 50-1450
HIS 130B	Christianity & Culture in Europe: 1450-1600
HIS 130C	Christianity & Culture in Europe: 1600-1850
HIS 131A	Early Modern European History
HIS 131B	European History During the Renaissance & Reformation
HIS 131C	The Old Regime: Absolutism, Enlightenment & Revolution in Europe
HIS 132	Crime & Punishment in Early Modern Europe
HIS 133	European Thought & Culture from the Renaissance to the Enlightenment
HIS 134A	The Age of Revolution
HIS 135A	History of Science to the 18th Century
HIS 135B	History of Science, 18th to 20th Centuries
HIS/STS 136	Scientific Revolution
HIS 138A	The Rise of the Russian Empire, 1304-1825
HIS 138B	Reform & Revolution in Tsarist Russia, 1825-1917
HIS 138C	Russian History: The Rise & Fall of the Soviet Union, 1917 to Present
HIS 139A	Medieval & Renaissance Medicine
HIS 140	The Rise of Capitalism in Europe
HIS 141	France Since 1815

HIS 142A	History of the Holocaust	HIS 174A	The Gilded Age & Progressive Era: United States, 1876-1917
HIS 142B	The Memory of the Holocaust	HIS 174B	War, Prosperity, & Depression: United States, 1917-1945
HIS 143	History of Eastern Europe & the Balkans	HIS 174C	The United States Since World War II, 1945 to the Present
HIS 144A	History of Germany, 1450 to 1789	HIS 174D	Selected Themes in 20th-Century American History
HIS 144B	History of Germany since 1789	HIS 175	American Intellectual History
HIS 145	War & Revolution in Europe: 1789-1918	HIS 176A	Cultural & Social History of United States
HIS 146A	Europe in the 20th Century	HIS 176B	Cultural & Social History of United States
HIS 146B	Europe in the 20th Century	HIS 177A	History of Black People & American Race Relations: 1450-1860
HIS 147A	European Intellectual History: 1800-1870	HIS 177B	History of Black People & American Race Relations: 1860-Present
HIS 147B	European Intellectual History: 1870-1920	HIS 178	Water in the West: Environment & Politics in America's Arid Lands
HIS 147C	European Intellectual History: 1920-1970	HIS 179	Asian American History, 1850-Present
HIS 148A	Women & Society in Europe: 1500-1789	HIS 180AN	American Political History, 1789-1896
HIS 148B	Women & Society in Europe: 1789-1920	HIS 180BN	American Political History, 1896-present
HIS 148C	Women in Society in Europe: 1914-Present	HIS 180C	The Fight for the Right to Vote
HIS 149	Comparative Cultural History of Modern Britain & France, 1880-1914	HIS 181	Religion in American History to 1890
HIS 151A	England: The Middle Ages	HIS 182	Gender & Justice in American History
HIS 151B	England: The Early Modern Centuries	HIS 183A	The Frontier Experience: Trans-Mississippi West
HIS 151C	18th-Century England	HIS 183B	The Frontier Experience: Trans-Mississippi West
HIS 151D	Industrial England	HIS 184	History of Sexuality in America
HIS 156	Latin American Migration History	HIS 185A	History of Science in America
HIS 157	Business, Biomes & Knowledge: Latin American Environmental History	HIS 185B	History of Technology in America
HIS 158	Special Topics in Latin American History	HIS 187	History of US Foreign Relations in the 20th Century
HIS 159	Women & Gender in Latin American History	HIS 188	America in the 1960s
HIS 160	Spain & America in the 16th Century	HIS 189	California History
HIS/HMR 161	Human Rights in Latin America	HIS 190A	Middle Eastern History I: The Rise of Islam, 600-1000
HIS 162	History of the Andean Region	HIS 190B	Middle Eastern History II: The Age of the Crusades, 1001-1400
HIS 163A	History of Brazil	HIS 190C	Middle Eastern History III: The Ottomans, 1401-1730
HIS 163B	History of Brazil	HIS 190D	Middle Eastern History IV: Safavids Iran, 1300-1720
HIS 164	History of Chile	HIS 191A	Classical China
HIS 165	Latin American Social Revolutions	HIS 191B	High Imperial China
HIS 166A	History of Mexico to 1848	HIS 191C	Late Imperial China
HIS 166B	History of Mexico since 1848	HIS 191D	19th-Century China: The Empire Confronts the West
HIS 167	Modern Latin American Cultural & Intellectual History	HIS 191E	The Chinese Revolution
HIS 168	History of Inter-American Relations	HIS 191F	History of the People's Republic of China
HIS 169A	Mexican-American History	HIS 191G	Special Topics in Chinese History to 1800
HIS 169B	Mexican-American History	HIS 191H	Special Topics in Chinese History after 1800
HIS 170A	Colonial America	HIS 191J	Sex & Society in Modern Chinese History
HIS 170B	The American Revolution	HIS 193A	History of the Modern Middle East, 1750-1914
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 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	
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ECN 121B	Industrial Organization	
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ECN 194HB	Special Study for Honors Students	
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ARE 166	Economics of Global Poverty Reduction: What Works & Why	
ARE/ESP 175	Natural Resource Economics	

ARE 176	Environmental Economics	
Total Units		24