CSULB College of Liberal Arts Advising Center

2026 - 2027 Bachelor of Science in Economics
Option in Mathematical Economics and Economic Theory
48 - 49 Units

Use this checklist in combination with your official Academic Requirements Report (ARR). This checklist is not intended to replace advising. Consult the advisor for appropriate course sequencing. *Curriculum changes in progress. Requirements subject to change.*

To be considered for admission to the major, complete the following Major Specific Degree Requirements (MSDR) by 60 units:
• **MATH 122** with a "C" or better and an overall GPA of 2.25 or higher • Grades of "C" or better in GE Foundations

	Courses	Prerequisites
Complete **ALL** of the following courses with grades of "C" or better (18 units total):		
	ECON 100: Principles of Macroeconomics (3)	MATH 104 or Higher
	ECON 101: Principles of Microeconomics (3)	MATH 104 or Higher
	MATH 122: Calculus I (4)	MATH 111; MATH 112B or 113; All with Grades of "C" or Better; or Appropriate CSULB Algebra and Calculus Placement
	MATH 123: Calculus II (4)	MATH 122 with a Grade of "C" or Better
	MATH 224: Calculus III (4)	MATH 123 with a Grade of "C" or Better
Complete the following course (3 units total):		
	MATH 247: Introduction to Linear Algebra (3)	MATH 123

Complete **ALL** of the following courses with grades of "C" or better (6 units total):		
	ECON 310: Microeconomic Theory (3)	ECON 100 and 101; MATH 115 or 119A or 122; All with Grades of "C" or Better
	ECON 311: Macroeconomic Theory (3)	ECON 100 and 101; MATH 115 or 119A or 122; All with Grades of "C" or Better
Complete **ALL** of the following courses (6 units total):		
	MATH 380: Probability and Statistics (3)	MATH 224
	STAT 381: Mathematical Statistics (3)	MATH 247; MATH 380 with a Grade of "C" or Better
Advanced Theory and Quantitative Methods Course - Complete **ONE** of the following courses (3 units total):		
	ECON 410: Advanced Microeconomics (3)	ECON 310 and 311 with Grades of "C" or Better
	ECON 411: Advanced Macroeconomics (3)	ECON 310 and 311 with Grades of "C" or Better
	ECON 420: Forecasting (4)	ECON 311; ECON 380 or MATH 380; All with Grades of "C" or Better
	ECON 485: Introduction to Econometrics (4)	ECON 310 and 311; ECON 380 or MATH 380; All with Grades of "C" or Better
Economics 400-Level Course - Complete **ONE** 400-level ECON course, **excluding ECON 406, 495, 499, and C/LA 492** (3 units total):		
	Course:	
Economics Upper Division Electives - Complete **THREE** additional upper division ECON courses, **excluding ECON 300, 333, 380, and 499** and **limiting 3 units** of C/LA 492 (9 units total):		
	ECON 301: Economics of Public Issues (3)	GE Foundations; Upper Division Standing
	ECON 306: Environmental Issues of the World Economy (3)	ECON 101
	ECON 313: History of Economic Thought (3)	ECON 100 and 101; or 300
	ECON 320: Money and Banking (3)	ECON 100 and 101
	ECON 330: Game Theory (3)	ECON 101 or 300
	ECON 340: Economics in Movies (3)	ECON 101 or 300
	ECON 341: Global Labor Market Issues (3)	ECON 101 or 300
	ECON 355: Law and Economics (3)	ECON 100 and 101; or 300

	Courses	Prerequisites
	ECON 366: Introduction to Development Economics (3)	ECON 100 and 101; or 300; Upper Division Standing
	ECON 372: International Economics (3)	GE Foundations; ECON 100 and 101; or 300; Upper Division Standing
	ECON 406: Applied Environmental and Natural Resource Economics (3)	ECON 306; MATH 115 or 119A or 119B or 122
	ECON 410: Advanced Microeconomics (3)	ECON 310 and 311 with Grades of "C" or Better
	ECON 411: Advanced Macroeconomics (3)	ECON 310 and 311 with Grades of "C" or Better
	ECON 420: Forecasting (4)	ECON 311; ECON 380 or MATH 380; All with Grades of "C" or Better
	ECON 430: Industrial Organization (3)	ECON 310 with a Grade of "C" or Better
	ECON 434: Economics of Regulation (3)	ECON 310 with a Grade of "C" or Better
	ECON 437: Urban Economics (3)	ECON 310 with a Grade of "C" or Better
	ECON 441: Labor Economics (3)	ECON 310; ECON 380 or MATH 380; All with Grades of "C" or Better
	ECON 450: Public Sector Economics (3)	ECON 310 and 311 with Grades of "C" or Better
	ECON 455: Transportation Economics (3)	ECON 310; ECON 380 or MATH 380; All with Grades of "C" or Better
	ECON 462: Environmental Economics (3)	ECON 310 or 317 with a Grade of "C" or Better
	ECON 470: International Trade (3)	ECON 310 with a Grade of "C" or Better
	ECON 471: International Finance (3)	ECON 311; ECON 380 or MATH 380; All with Grades of "C" or Better
	ECON 485: Introduction to Econometrics (4)	ECON 310 and 311; ECON 380 or MATH 380; All with Grades of "C" or Better
	ECON 490: Selected Topics in Economics (3)	Consent of Instructor
	ECON 495: Field Studies Practicum (3)	ECON 310 or 333; Consent of Instructor
	C/LA 492: Liberal Arts Internship (3) ** An advisor must manually add C/LA 492 to the list of electives in the Academic Requirements Reports (ARR). See an advisor for details.	Upper Division Standing; CLA Major or Consent
ONE of the following courses may be used to replace a 300-level ECON elective from the above course list:		
	MATH 364A: Ordinary Differential Equations I (3)	Prerequisite: MATH 224; Corequisite: MATH 247
	MATH 485: Mathematical Optimization (3)	MATH 247; MATH 323 or 347 or 380
	STAT 410: Applied Regression Analysis (3)	STAT 381
	STAT 450: Applied Multivariate Statistical Analysis (3)	STAT 381

In order to graduate from CSULB, students must complete General Education/GWAR/Major requirements and have a minimum of 120 units (40 must be upper division) with at least a 2.0 in all GPAs (Overall, CSULB, Major).

Additional Information

- **See online Catalog for additional course information, limitations, and requirements.**
- Some courses may also fulfill GE requirements. Visit the GE website for course selection: csulb.edu/student-records/general-education-requirements.
- A course can only be used to satisfy one major requirement. **Double counting is not allowed within the major**.
- Students with upper division status declaring Math ECON & ECON Theory may substitute ECON 300 for ECON 100 & 101.
- All courses used to satisfy the Math ECON & ECON Theory degree requirements must be taken for a letter grade.

Department of Economics csulb.edu/college-of-liberal-arts/economics

College of Liberal Arts Advising Center (ATLAS) csulb.edu/atlas

Checklists are available on the ATLAS website