ATTN: Curriculum changes in progress. Requirements subject to change.

2019-2020 Bachelor of Arts in Economics
Option in Mathematical Economics and Economic Theory
48 Units

College of Liberal Arts
CSULB

This checklist is not intended to replace advising from the department. Consult with the department advisor for appropriate course sequencing. Use this checklist in combination with your official Academic Requirements Report (ARR).

To be considered for admission to the major, complete the following Major Specific Declaration Requirements (MSDR) by 60 units:

- **ECON 100, ECON 101, MATH 122, MATH 123** with a minimum 2.3 suite GPA and an overall GPA of 2.25 or higher
- Grades of "C" or better in GE Foundations

		Prerequisites
Complete **ALL** of the following courses with grades of "C" or better (18 units total):		
	ECON 100: Principles of Macroeconomics (3)	MATH 103 or Higher
	ECON 101: Principles of Microeconomics (3)	MATH 103 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 403: Mathematical Economics (3)	ECON 310 and 311 with Grades of "C" or Better
	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
	ECON 486: Econometrics II (4)	ECON 485 with Grade "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, 380, and 499** (9 units total):		
	ECON 301: Economics of Public Issues (3)	GE Foundations; Upper Division Standing; GWAR Completion
	ECON 306: Environmental Issues of the World Economy (3)	GE Foundations; Upper Division Standing; ECON 101; Category B Requirement
	ECON 313: History of Economic Thought (3)	ECON 100 and 101, or 300
	ECON 317: Economic Analysis I (3)	ECON 100 and 101; ESP 200; MATH 115 or 119A or 119B or 122; ESP Majors and Minors Only

	ECON 320: Money and Banking (3)	ECON 100 and 101
	ECON 330: Game Theory (3)	ECON 101 or 300
	ECON 333: Managerial Economics (3)	ECON 100 and 101; MATH 115 or 119A or 122
	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
	ECON 366: Introduction to Development Economics (3)	Upper Division Standing; ECON 100 and 101, or 300
	ECON 372: International Economics (3)	ECON 100 and 101, or 300
	ECON 403: Mathematical Economics (3)	ECON 310 and 311 with Grades of "C" or Better
	ECON 406: Applied Environmental and Natural Resource Economics (3)	ECON 306; MATH 115 or 119A or 119B or 122; BIOL 260 or ECON 380 or MATH 380 or STAT 108 or Equivalent
	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 438: Regional Economics (3)	ECON 310 and 311 with Grades 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 or 102 with a Grade of "C" or Better
	ECON 464: Natural Resource Economics (3)	ECON 310 or 317 or 102 with a Grade of "C" or Better; BIOL 260 or ECON 380 or MATH 380 or STAT 108 or GEOG 200 or Equivalent
	ECON 465: Economic Development (3)	ECON 310 and 311 with Grades 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 486: Econometrics II (4)	ECON 485 with a Grade 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)	Prerequisite: STAT 381; Corequisite: STAT 410

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/ge.
- Students with upper division status declaring Economics as a major may substitute ECON 300 for ECON 100 and 101.
- All courses used to satisfy the Mathematical Economics and Economic Theory degree requirements must be taken for a letter grade.

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