

MANAGERIAL ECONOMICS, MINOR

College of Agricultural & Environmental Sciences

The Managerial Economics minor is 24 units of upper division ARE coursework, however, it also requires 28 units of preparatory coursework. All lower-division preparatory coursework must be completed with minimum C- (or PASS); however, STA 103 must be taken for a letter grade.

All courses to satisfy the minor must be taken for a letter grade, and students must attain a minor GPA of at least a C average (2.000). All upper division courses taken toward minor requirements will be calculated as part of the minor GPA, including courses with F grades that have not been repeated.

A total of two upper division courses (maximum 4 units each) may be taken through UC Study Abroad, all other courses must be taken in residence. Students must seek pre-approval from a Managerial Economics staff advisor for any international courses.

Preparatory Coursework

Preparatory coursework units *do not count towards minor units*. The Managerial Economics Minor requires 28 units of preparatory coursework. All lower-division preparatory coursework must be completed with minimum C- (or PASS); STA 103 must be taken for a letter grade.

Code	Title	Units
Economics 8		
ECN 001A or ECN 001AV or ECN 001AY	Principles of Microeconomics	
ECN 001B or ECN 001BV	Principles of Macroeconomics	
Mathematics 12		
The preferred calculus series for Managerial Economics is MAT 019. The MAT 016 series is accepted if started prior to Fall 2024.		
Choose one series:		
MAT 019A or MAT 019B or MAT 019C	Calculus for Data-Driven Applications	
OR		
MAT 017A or MAT 017B or MAT 017C	Calculus for Biology & Medicine	
OR		
MAT 021A or MAT 021B or MAT 021C	Calculus	
Statistics 8		
STA 013 or STA 013V or STA 013Y or STA 032	Elementary Statistics	
	Elementary Statistics	
	Gateway to Statistical Data Science	

STA 103	Applied Statistics for Business & Economics	
Total Units		28

Minor Requirements

Code	Title	Units
ARE 100A	Intermediate Microeconomics: Theory of Production & Consumption ¹	4
ARE 100B	Intermediate Microeconomics: Imperfect Competition, Markets & Welfare Economics	4
ARE 106	Econometric Theory & Applications	4
Choose 12 units from the following:		12
ARE 107	Econometrics for Business Decisions	
ARE 112	Fundamentals of Organization Management	
ARE/ECN 115A	Economic Development	
ARE 130	Agricultural Markets	
ARE 136	Managerial Marketing	
ARE 138	International Commodity & Resource Markets	
ARE 139	Futures & Options Markets	
ARE 143	Basics of Investing	
ARE 145	Farm & Rural Resources Appraisal	
ARE 146	Economics of Business Regulation	
ARE 150	Agricultural Labor	
ARE 155	Operations Research & Management Science	
ARE 156	Introduction to Mathematical Economics	
ARE 157	Analysis for Operations & Production Management	
ARE 165	Emerging Economies & Globalization	
ARE 171	Principles of Finance ²	
ARE 172	Corporate Finance ³	
ARE 173	Investments	
ARE/ESP 175	Natural Resource Economics	
ARE 176	Environmental Economics	
Total Units		24

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Must be completed with a minimum grade of C-

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Formerly ARE 171A discontinued

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Formerly ARE 171B discontinued