

BS ECONOMICS

2017-2019 updated 05.09.17

Units Required 180

NOTE: This document can be used as a compact display of courses and other curricular requirements at the time of publication of the 2017-2019 catalog. The Degree Progress Report must be used to track students' progress in all degree requirements, throughout their Cal Poly career.

Note: No major, concentration, or support courses may be taken as credit/no credit.

MAJOR COURSES (76-80)	<i>Units</i>
ECON 221 Microeconomics	4
ECON 222 Macroeconomics (D2) ¹	4
ECON 311 Intermediate Micro I	4
ECON 312 Intermediate Micro II	4
ECON 313 Intermediate Macro	4
ECON 339 Econometrics	4
ECON 460 Research Methodology in App Econ	4
Senior Project - Select:	
ECON 461 Senior Project I <i>and</i>	2 <i>and</i>
ECON 462 Senior Project II	2
or	<i>or</i>
ECON 464 Applied Senior Project	4
ECON electives (300-400 level) ⁵	4
ECON electives (400 level)	16
Concentration or General Econ (see reverse) ²	24-28

SUPPORT COURSES (28-32)

BUS 207 Legal Responsibilities of Business	4
BUS 214 Financial Accounting	4
BUS 215 Managerial Accounting	4
MATH 141 Calculus I (B1) ^{1,3}	4
STAT 301 & STAT 302 Statistics I&II ⁴	8
Select from the following:	4-8
BUS 391 Information Systems	
and BUS 392 Business Application Development	
CSC 101 Fundamentals of Computer Science	
ECON 395 Programming for Economics and Analytics ⁵	

¹ Required in Major/Support; also satisfies GE.

² Economics majors do not need to choose a concentration but they can if they choose. Students who choose not to declare a concentration must fulfill the requirements of General Economics: Complete at least 8 units 300-400 level ECON coursework plus any 20 units of coursework at 300-400 level.

³ Students pursuing the Quantitative Analysis concentration should take MATH 141 and MATH 142 instead of just MATH 141.

⁴ Four units of GE B1 are needed to meet the GE B1 requirement.

⁵ ECON 395 cannot be used to fulfill any other ECON course requirements.

GENERAL EDUCATION (GE)

72 units required, 8 of which are in Major and Support

Minimum of 12 units required at the 300 level.

Area A Communication

A1 Expository Writing	4	12
A2 Oral Communication	4	
A3 Reasoning, Argu & Writing	4	

Area B Science and Mathematics

B1 Math/Statistics (4 units in Support) ¹		12
B1 Math/Statistics	4	
B2 Life Science	4	
B3 Physical Science	4	
B4 One lab taken with either a B2 or B3 course		

Area C Arts and Humanities

C1 Literature	4	20
C2 Philosophy	4	
C3 Fine/Performing Arts	4	
C4 Upper-division elective	4	
C1- C5 Elective	4	

Area D/E Society and the Individual

D1 American Experience (40404)	4	16
D2 Political Economy (4 units in Major) ¹		
D3 Comp Social Institutions	4	
D4 Self Dvlpmnt (CSU Area E)	4	
D5 Upper-division elective (No ECON)	4	

Area F Technology (upper div)

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FREE ELECTIVES **4-12**

OTHER DEGREE REQUIREMENTS:

- Cal Poly, Higher Ed, and Major GPA must all be at least 2.00
- For students admitted Fall 2016 and after, a grade of C- or higher is required in GE A1, A2, A3, and one GE B1 course

All students must complete:

- United States Cultural Pluralism Requirement
- Graduation Writing Requirement
- 60 units Upper Division (any 300-400 level classes)
- Upper Division units in the Major: 27
- Residency Requirements: See Degree Progress Report for details

GENERAL ECONOMICS or CONCENTRATION (*Select One*)

GENERAL ECONOMICS

Complete at least 8 units 300-400 level ECON coursework plus any 20 units of coursework at 300-400 level.

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QUANTITATIVE ANALYSIS CONCENTRATION

ECON 440 Advanced Econometrics..... 4

STAT 331 Statistical Computing with R..... 4

Approved Electives¹. Select from the following: 20

BUS 393, 421, 441, 491; ECON 339², 395³ or BUS 392 or CSC 101; ECON 406, 409, 408; IME 301, 305; MATH 142, 143, 206, 241, 242, 244, 248, 304, 306, 344, 406, 412, 413, 414, 416, 418, 437, 451, 452, 453; STAT 323, 324, 330, 416, 419, 425, 426, 427

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¹ Consultation with an advisor is recommended prior to choosing approved electives. Courses in Analytics or in Statistics and Decision Analysis provide a focus in analytics. Courses in Statistics and Decision Analysis or in Mathematical Foundations are recommended for students pursuing post-baccalaureate studies.

² Economics majors cannot count ECON 339 toward electives in the Quantitative concentration.

³ Economics majors cannot count ECON 395 or BUS 392 or CSC 101 toward electives in the Quantitative concentration.

REAL ESTATE CONCENTRATION

BUS 434 Real Estate Finance..... 4

BUS 435 Real Estate Investment..... 4

BUS 439 Fixed Income Securities Market..... 4

ECON 434 Urban Economics..... 4

Approved Electives. Select from the following: 12

AGB 326; BUS 342¹, 409, 443; CM 475; CRP 412, 446; ECON 311^{2,3}, 339, 435

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¹ Business Administration majors cannot count BUS 342 toward Approved Electives in the Real Estate Finance concentration.

² Economics majors cannot count ECON 311 toward Approved Electives in the Real Estate Finance concentration.

³ Business Administration majors using ECON 311 to meet the upper-division ECON elective in Support for their major cannot count ECON 311 toward Approved Electives in the Real Estate Finance concentration.

CONCENTRATIONS AVAILABLE FROM

BUSINESS ADMINISTRATION:

ACCOUNTING CONCENTRATION

BUS 319 Accounting Information Systems..... 4

BUS 320 Federal Income Taxation for Individuals 4

BUS 321 Intermediate Accounting I..... 4

BUS 322 Intermediate Accounting II 4

BUS 424 Accounting Ethics 4

BUS 425 Auditing 4

Accounting Elective. Select one from the following: 4

BUS 323, 412, 417, 422, or 474

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INFORMATION SYSTEMS CONCENTRATION

BUS 392 Business Application Development..... 4

BUS 393 Database Systems in Business..... 4

BUS 394 System Analysis and Design..... 4

BUS 395 Systems Design and Implementation..... 4

Approved Electives. Select from the following: 8

BUS 470, 491, 495, 496, 498, 499

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MANAGEMENT AND HUMAN RESOURCES CONCENTRATION

BUS 382 Organizations, People, and Technology..... 4

BUS 384 Human Resources Management..... 4

BUS 386 Employee Training and Development..... 4

BUS 475 Staffing..... 4

BUS 477 Managing Change and Development..... 4

Approved Electives. Select from the following: 8

BUS 310, 407, 471, 489

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MARKETING MANAGEMENT CONCENTRATION

BUS 418 Listening to the Customer 4

BUS 419 Strategic Marketing Measurement 4

BUS 421 Marketing Analytics & Bus. Intelligence..... 4

BUS 451 New Product Development & Launch 4

BUS 452 Product Management 4

BUS 454 Marketing Projects 4

BUS 455 Marketing Strategy 4

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ENTREPRENEURSHIP CONCENTRATION

BUS 310 Introduction to Entrepreneurship..... 4

BUS 418 Listening to the Customer..... 4

BUS 436 Entrepreneurial Finance..... 4

BUS 488 Planning & Managing New Ventures..... 4

ITP 428 Commercialization of New Technologies..... 4

Approved Electives. Select from the following: 8

BUS 311, 382, 384, 392, 451, 477, 489; ECON 337; ITP 302, 326, 330, 406, 467; BUS/IT 470

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CONSUMER PACKAGING SOLUTIONS CONCENTRATION

BUS 418 Listening to the Customer..... 4

BUS 419 Strategic Marketing Measurement..... 4

BUS 451 New Product Development and Launch..... 4

ITP 234 Packaging Design Fundamentals..... 4

ITP 330 Packaging Fundamentals..... 4

ITP 475 Packaging Performance Testing..... 4

Approved Electives. Select one from the following: 4

BUS 452; GRC 337; ITP 233, 341, 408, 411, 414, 415, 430, 485

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FINANCIAL MANAGEMENT CONCENTRATION

BUS 431 Security Analysis and Portfolio Mgmt 4

BUS 438 Advanced Corporate Finance 4

BUS 439 Fixed Income Securities Market 4

Select from the following: 12

BUS 432, 433, 434, 435, 436, 437, 441, 442, 443, 444, 445; ECON 339¹;

Approved Electives. Select one from the following: 4

BUS 320, 321, 322, 412, 417, 425;

ECON 311, 313, 330, 337, 339¹, 405, 406, 408, 409, 424, 440

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¹ ECON 339 cannot double count.