

BS ECONOMICS

2019-2020 updated 10.22.19

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 2019-2020 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) ⁶	4
ECON electives (400 level)	16
Concentration or General Econ (see reverse) ^{2,6}	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.....	8
Select from the following:	4-8
BUS 391 Information Systems	
<i>and</i> BUS 392 Business Application Development ⁵	
CSC 101 Fundamentals of Computer Science	
ECON 395 ⁶ Programming for Economics and Analytics	

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 follow the General Curriculum in 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 Requirement may be fulfilled if a student takes a GE D5 course to fulfill an elective or concentration requirement. If so, the student will need 4 additional units of free electives to complete the total units required for the degree.

⁵ Students pursuing the Information Systems concentration should select CSC 101 or ECON 395; BUS 392 is required in the concentration and cannot be double-counted in support.

⁶ If a course is taken to meet a major requirement, it cannot be double-counted in support.

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 Math, Science, & Quantitative Reasoning

B1 Math/Statistics (4 units in Support) ¹		16
B1 Math/Statistics.....	4	
B2 Life Science	4	
B3 Physical Science	4	
B4 One lab taken with either a B2 or B3 course		
B7 Upper-division elective	4	
(formerly Area F)		

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 Society and the Individual

D1 American Experience (40404)	4	12
D2 Political Economy (4 units in Major) ¹		
D3 Comp Social Institutions	4	
D5 Upper-division elective ⁴	4	

Area E Lifelong Learning and Self-Development

(formerly Area D4)		4
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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. 28

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 28

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 FINANCE 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 Electives¹. Select from the following: 12
AGB 326; BUS 342, 409, 443; CM 475; CRP 412,
446; ECON 311, 339, 435 28

¹ If course is taken to meet a major or support requirement, it cannot be double-counted as an approved elective in the 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 28

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 491, 492, 495, 496, 497, 498, 499 24

**MANAGEMENT AND HUMAN
RESOURCES CONCENTRATION**

BUS 382 Leadership and Organizations..... 4
BUS 384 Human Resources Management..... 4
BUS 388 Cultivating Human Capital..... 4
BUS 477 Mgmt Consulting & Change Mgmt..... 4
BUS 489 Negotiation..... 4
Approved Electives. Select from the following: 8
BUS/ENGR 310; BUS 471, 476, 497; ITP 303¹,
371¹, 403, 428 28

¹ If course is taken to meet a major or support requirement, it cannot be double-counted as an approved elective in the concentration.

MARKETING MANAGEMENT CONCENTRATION

BUS 396 Consumer Insights..... 4
BUS 418 Listening to the Customer 4
BUS 454 Marketing Projects 4
BUS 455 Marketing Strategy 4
Select form the following:
BUS 419, 421, 423, 430, 450, 451, 452, 453 28

ENTREPRENEURSHIP CONCENTRATION

BUS 310 Introduction to Entrepreneurship..... 4
BUS 347 or ITP 406 or ITP 428..... 4
BUS 418 Listening to the Customer..... 4
BUS 436 Entrepreneurial Finance..... 4
BUS 488 Building a Startup Skill Set..... 4
Approved Electives. Select from the following: 8
BUS 311, 392, 451, 470, 476, 487, 489;
BUS/COMS 458; ITP 326¹, 470 28

¹ If course is taken to meet a major or support requirement, it cannot be double-counted as an approved elective in the concentration.

**CONSUMER PACKAGING SOLUTIONS
CONCENTRATION**

BUS 396 Consumer Insights..... 4
BUS 418 Listening to the Customer..... 4
BUS 419 Strategic Marketing Measurement..... 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
GRC 337; ITP 233, 341¹, 408, 411, 414, 415, 430,
485 28

¹ If course is taken to meet a major or support requirement, it cannot be double-counted as an approved elective in the concentration.

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 433, 434, 435, 436, 437, 441, 442, 443, 444,
445, 448;
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 28

¹ ECON 339 cannot double count.