

# Requirements for the Bachelor of Science in Economics

## 2013-2015 Catalog

Economics is the science of decision making under scarcity and of how societies organize the production and distribution of goods and services. Knowledge of economics can make a significant contribution to citizenship, cultural and intellectual development, and career preparation. Economics is an analytical discipline that reinforces skills such as decision-making, making logical deductions and statistical inferences, and collecting and analyzing data. The economics curriculum provides an understanding of economic theory and applies the theory to real world problems such as evaluating public policies, analyzing the external economic environments of organizations, and formulating tactical and strategic decisions within organizations.

Economics majors will typically find occupations in government, business, education, finance, agriculture, global management, agriculture, diplomacy, or the law. The Economics Department offers both a Bachelor of Arts and Bachelor of Science degree. The B.A. in Economics allows great flexibility in selecting a minor and general electives. The B.S. degree has more requirements in order to maximize opportunities for economics majors intending to launch a professional career directly after completion of the baccalaureate.

## Requirements for the Bachelor of Science in Economics

### Total Units Required to Graduate 180 units

#### Major Requirements 108 units

Lower Division	27
Depth Cognate	15
Upper Division	46
Emphasis Area	20

#### Other University Requirements 62 units

CSUB 101	2
American Institutions	10
Area A	15
Area B	10*
Area C	15
Area D	5*
Theme 1	5
Theme 2	0*
Theme 3	0*
GRE	0*
GWAR (Exam) or Class	0**

**Additional Units****10 units**

\*Area B4, Area D2, Theme 2, Theme 3, and GRE can be satisfied in the major

\*\*GWAR can be satisfied without course units

## **Requirements for the B.S. Major in Economics**

### **A. Lower Division Requirements**

1. ECON 201, 202, 210, and 220; MATH 140 and ACCT 220

### **B. Upper-Division Requirements**

2. ECON 301, 302, 420, and 490 (or 490A and 490B) all with C- or better

3. ECON 388, 488, and 451; ECON 410 or 440

4. Two (2) Economics electives

### **C. Depth Cognate**

One of the following three-course sequences:

1. Accounting: ACCT 221, 300, 301

2. Analytics: ECON 320 or MIS 320; ECON 453; MIS 340

3. Calculus: Three from MATH 192, 201, 202, 203

### **D. Emphasis Area**

Four-course emphasis area (20 units) approved upon reaching junior status as forming a professionally related area of breadth or depth. Students interested in careers as operations analysts should complete the Analytics cognate and consult with the Chair to develop an emphasis area further expanding their skill set in this area. For most business careers, whether or not an MBA is in your plans, use accounting or analytical methods as the depth cognate and business administration courses aligning with career plans for the emphasis area. Students interested in banking and finance careers should use accounting as the cognate and finance and professional selling courses for the emphasis area. The accounting cognate also is recommended for students pursuing the B.S. who intend to go to law school. Students interested in careers with government or nonprofits should complete the analytics cognate and include PPA 492 among the PPA courses comprising an emphasis area. Students intending to apply to doctoral programs in Economics should use calculus as the cognate and complete recommended math courses that require calculus as a prerequisite for the emphasis area.