

Cal State East Bay Degree Roadmap

Bachelor of Science in Economics

The BS in Economics can be completed in four years, but to do so requires careful planning and preparation. You must plan ahead so that you will meet all prerequisites. Be sure to check your Degree Audit Report regularly on MyCSUEB to verify that you are on track for graduation. A student's cumulative GPA, CSUEB-only GPA, and major GPA must be at a minimum of 2.00 in order to graduate.

| REQUIREMENT AREA | COURSE | TITLE | PREREQUISITES (STRICTLY ENFORCED) | MINIMUM GRADE | UNITS |
|--|---|---|---|---------------|---|
| FIRST SEMESTER | | | | | |
| E | GS 101A | Foundations of Success I | | | 1 |
| A1 or A3 | | Oral Communication (A1) or Critical Thinking (A3) | | C-/CR | 3 |
| B1 & B3 | | Physical Science (B1) and Laboratory Science (B3) ² | | | 3 |
| C1 or C2 | | Arts (C1) or Humanities (C2) ³ | | | 3 |
| D1 & Social Justice/ LD Major Core | ECON 200 | Principles of Microeconomics | | | 3 |
| B4/LD Major Core | MATH 115 ¹ | College Algebra or Math Proficiency Assessment ¹ | | C- | 3 |
| | | | | | TOTAL: 16 |
| SECOND SEMESTER | | | | | |
| E | GS 101B | Foundations of Success II | | | 1 |
| A2 | | Written Communication | | C-/CR | 3 |
| A1 or A3 | | Oral Communication (A1) or Critical Thinking (A3) | | C-/CR | 3 |
| C1 or C2 | | Arts (C1) or Humanities (C2) ³ | | | 3 |
| D1/LD Major Core | ECON 205 | Principles of Macroeconomics | MATH 115 ¹ | | 3 |
| B4/LD Major Core | MATH 180 ² | Business Math with Calculus ² | MATH 115 ¹ with a grade of C- or better | C- | 3 |
| | | | | | TOTAL: 16 |
| THIRD SEMESTER | | | | | |
| C3 | | Any Arts (C1) or Humanities (C2) ³ | | | 3 |
| D2 | | Social Sciences and Social Justice Overlay ³ | | | 3 |
| 2nd Composition Code 1 | ENGL 200 | College Writing II | | C-/CR | 3 |
| | | U.S. Code (US 1, 2) | | | 3 |
| LD Major Core | STAT 110 or STAT 100 | Business Statistics or Elements of Statistics & Probability | | C- | 3 |
| | | | | | TOTAL: 15 |
| FOURTH SEMESTER | | | | | |
| B2 & B3 | | Life Science (B2) and/or Laboratory Science (B3) ³ | | | 3 |
| D3 & Code 2 | | Social Sciences (D) and U.S. Code (US 1, 3) | | | 3 |
| LD Major Core | ECON 210 ⁵ | Quantitative Methods for Economists | MATH 180 or 130; STAT 100 or 110 | | 3 |
| LD Major Core | ECON 211 ⁴ or CS 100 or CS 101 | Programming for Data Analysts or Programming for Everyone or Computer Science I | | | 3 |
| E | | Lifelong Learning and Self-Development | | | 1 |
| | | | | | TOTAL: 13 |
| FIFTH SEMESTER | | | | | |
| UWSR: Take Writing Skills Test (WST) or plan to take First and/or Second Tier Courses (0 - 6 units) | | | | | |
| B6 & Sustainability | | Upper Division Science Inquiry or Quantitative Reasoning ³ | A1, A2, A3, B4 and 60 semester units | | 3 |
| UD Major Core | ECON 300 ⁴ | Microeconomic Theory I | ECON 200, 210 | | 3 |
| UD Major Elective ⁶ | ECON | | | | 3 |
| UD Major Elective ⁶ | ECON | | | | 3 |
| Free Elective ⁷ | | | | | 3 |
| | | | | | TOTAL: 15 |
| SIXTH SEMESTER | | | | | |
| UD Major Core | ECON 301 ⁴ | Microeconomic Theory II | ECON 300 | | 3 |
| UD Major Core | ECON 305 ⁴ | Macroeconomic Theory | ECON 200, 205, 210 | | 3 |
| D4 & UD Major Core | ECON 306 ⁴ | Money, Banking and Financial Intermediaries | A1, A2, A3, B4 and 60 semester units | | 3 |
| UD Major Elective ⁶ | ECON | | | | 3 |
| Free Elective ⁷ | | | | | 3 |
| | | | | | TOTAL: 15 |
| SEVENTH SEMESTER | | | | | |
| C4 & Diversity | | Upper Division Arts or Humanities and Diversity Overlay ³ | A1, A2, A3, B4 and 60 semester units | | 3 |
| UD Major Core | ECON 310 ⁴ | Introduction to Econometrics | ECON 200, 205, 210 | | 3 |
| UD Major Core | ECON 400 ⁴ | Game Theory | ECON 301 or 380 | | 3 |
| UD Major Elective ⁶ | ECON | | | | 3 |
| Free Elective ⁷ | | | | | 3 |
| | | | | | TOTAL: 15 |
| EIGHTH SEMESTER | | | | | |
| Major Capstone | ECON 499 ⁴ | Empirical Analysis | ECON 211 (or CS 100 or 101); ECON 301, 305, 310 | | 3 |
| UD Major Elective ⁶ | ECON | | | | 3 |
| UD Major Elective ⁶ | ECON | | | | 3 |
| Free Elective ⁷ | | | | | 3 |
| Free Elective ⁷ | | | | | 3 |
| | | | | | TOTAL: 15 |
| | | | | | TOTAL UNITS TO DEGREE⁷: 120 |
| MINIMUM GRADE POINT AVERAGE (GPA) REQUIRED: 2.00 (CUMULATIVE, CSUEB-ONLY, MAJOR) | | | | | |

| GENERAL EDUCATION & UNIVERSITY REQUIREMENTS - SUGGESTED COURSES | |
|---|---|
| LD = Lower Division (100-299) , UD = Upper Division (300- 499) | |
| Area A: Communication in the English Language & Critical Thinking | |
| A1. COMM 100 or 104 | |
| A2. ENGL 101, 102 or 104 | |
| A3. PHIL 100 | |
| Area B: Scientific Inquiry & Quantitative Reasoning⁴ | |
| B1. CHEM 100; ENSC 260; PHYS 115 | |
| B2. BIOL 101 | |
| B3. Lab - Select course approved for B1 & B3 or B2 & B3 | |
| B4. MATH 115, 120, 130, 180 | |
| Area C: Arts & Humanities | |
| Minimum of 3 different disciplines by course prefix (including UDCG C4) | |
| C1. Arts | |
| C2. Humanities | |
| C3. Arts or Humanities | |
| Area D: Social Sciences | |
| Minimum of 3 different disciplines by course prefix (including UDCG D4) | |
| D1. ECON 200 or 205 | |
| D2. Social Sciences | |
| D3. Select course approved for D and U.S. Code Requirement | |
| Area E: Lifelong Learning and Self-Development | |
| E. GS 101A, 101B, and additional 1 unit (DANC, KIN, LIBY) | |
| Second Composition | |
| Writing II. ENGL 200 | |
| University Writing Skills Requirement/UWSR (0 - 6 units) | |
| UWSR: Writing Skills Test (WST) or First and/or Second Tier Courses | |
| U.S. Code (American Institutions Requirement) | |
| Minimum of 2 courses covering US 1, 2, 3 | |
| Code 1. ECON 101, HIST 110 or POSC 101 (US1, 2) | |
| Code 2. HIST 111 or POSC 102 (US1, 3), HIST 382 (D4, US3) | |
| Upper Division GE Requirements (UDGE) | |
| Should be taken after completion of A1, A2, A3, and B4 with a C- (CR) and after earning 60 semester units. | |
| B6. Select course approved for B6 and Sustainability Overlay | |
| C4. Select course approved for C4 and Diversity Overlay | |
| D4. ECON 306 or 337 | |
| Overlay Requirements³ | |
| May be lower or upper division, and GE or major | |
| Social Justice (SJ): | Satisfied by ECON 200 |
| Diversity (Div): | Course should also satisfy Area C |
| Sustainability (S): | Course should also satisfy B6 |
| Unit Requirements | |
| Minimum 120 total semester units: 40 units UD (with 9 UDGE), 30 units in residence at CSUEB (12 UD in major), 48 units GE | |
| Important Footnotes | |
| 1) Prerequisite may be met with a score of 63 on the Math Proficiency Assessment (MPA) . For more information, visit the CSUEB Testing Office. If met with MPA, free elective will be needed. | |
| 2) MATH 180 can be substituted with MATH 130. MATH 130 has prerequisites of MATH 115 and MATH 120. | |
| 3) To avoid taking additional units, it is recommended that Overlay requirements are met within your GE or major. | |
| 4) This course is typically offered once in an academic year. | |
| 5) May be taken concurrently with ECON 300. | |
| 6) Students must select Economics Electives for which they have completed the prerequisites. Refer to catalog or MyCSUEB for details. | |
| 7) May require additional courses to meet the 120 units required for graduation. These courses are free electives which can be taken outside of GE and major. | |
| Economics Elective Courses | |
| ECON 320 | History of Economic Thought |
| ECON 334 | Economics of Information & Organizations |
| ECON 335 | Introduction to Urban Economics |
| ECON 337 | Sports Economics |
| ECON 350 | International Economics |
| ECON 360 | Environmental Economics |
| ECON 370 | Health Economics and Public Policy |
| ECON 385 | Global Economic Analysis |
| ECON 397 | Issues in Economic Analysis |
| ECON 430 | Introduction to Industrial Organization |
| ECON 431 | Econ. of Innovation & Intellectual Property |
| ECON 433 | Introduction to Labor Economics |
| ECON 456 | Introduction to Monetary Theory |
| ECON 460 | Introduction to Public Economics |
| ECON 497 | Special Topics in Economic Analysis |