# Business Administration, B.S. - Technology and Operations Management Subplan/Option: 120 units

**Offered by: College of Business Administration, Technology and Operations Management Department**

- Major Required
- Subplan/Option Required
- Subplan/Option Electives
- Personal Computer Proficiency Requirement
- General Education Requirements

The curriculum matrix for the degree program may be found here. The curriculum matrix is the alignment of courses (curriculum) with the desired goals and student learning outcomes of the program. It shows what is taught and how these outcomes are achieved through the completion of the degree program.

## Major Required: 51 units

- ACC 2070 - Financial Accounting for Decision Making (3)
- ACC 2080 - Managerial Accounting for Decision Making (3)
- BUS 2500 - Applied Business Communication (3)
- BUS 4950 - Strategic Management (3)
- CIS 1010 - Introduction to Personal Computing (3) [1]
- CIS 3100 - Management Information Systems (3)
- EC 2201 - Principles of Microeconomics (3) [D3]
- EC 2202 - Principles of Macroeconomics (3) [D3]
- FRL 2013 - The Legal Environment of Business and its Transactions (3)
- FRL 3000 - Managerial Finance (3)
- IBM 3012 - Principles of Marketing Management (3)
- MAT 1250 - Introductory Calculus for Business (3) [B4]
- MHR 3010 - Principles of Management (3)
- MHR 3020 - Organizational Behavior (3) [D4]
- STA 1200 - Statistics with Applications (3) [B4] [2]
- TOM 3010 - Operations Management (3)
- TOM 3020 - Statistical Foundations for Business Analytics (3)

### Note(s):

All students in any College of Business Administration subplan, and all other students taking certain business courses, must demonstrate proficiency with specific personal computer software packages. The proficiency must be demonstrated prior to taking any business course with the term "personal computer proficiency" in the prerequisite list. Some business courses identify specific personal computer packages in their prerequisite lists. In these cases, proficiency in the noted packages must be demonstrated prior to taking the course.

[1] Personal Computer Proficiency must be demonstrated by satisfying one of the following alternatives: 1) CIS 1010 or 2) an approved college course.

[2] STA 1200 may be satisfied with one of the following stretch sequence, which may increase overall units to degree:

- STA 1205 and STA 1205A
- STA 1201, STA 1201A, and STA 1202

For more information on choosing the best course for you, please visit: https://www.cpp.edu/studentsuccess/new-students/category-placement.shtml.

# Subplan/Option Required: 6 units

- TOM 3160 - Business Analytics (3)
- TOM 3320 - Business Processes and Production Planning (3)

# Subplan/Option Electives: 21 units

Any combination of courses listed below will satisfy the required 21 units. Emphases are listed to provide guidance for helping students to choose courses of interest that best fit your career goals, but there is no requirement for choosing a specific emphasis for fulfilling these units.

## Supply-Chain Management Emphasis: 21 units

### Emphasis Recommended: 9 units

- TOM 3090 - Logistics Management (3)
- TOM 4250 - Supply Chain Network Design (3)
- TOM 4340 - Purchasing Management (3)

### Emphasis Other: 12 units

- EBZ 3010 - Business on the Web (3)
- EBZ 3030 - Customer Relationship Management and Business Analytics (3)
- EBZ 3050 - Enterprise Resource Planning (3)
- TOM 3200 - Management of Technology (3)
- TOM 4010 - Quality Management (3)
- TOM 4360 - Project Management (3)
- TOM 4410 - Internship in Technology and Operations Management (3)
- TOM 4530 - Service Operations Management (3)
- TOM 4650 - Introduction to Blockchain (3)
- Interdisciplinary Elective (3)*

  *Interdisciplinary elective may only be selected from the following list:*
- ACC 3210 - Cost Accounting (3)
- CIS 3050 - Database Design and Development (3)
- CIS 4250 - E-Commerce Application Development (3)
- FRL 3253 - Contract Administration (3)
- IBM 3072 - Promotional Strategies (3)
- MHR 4020 - Leadership: Theory and Practice (3)
- MHR 4040 - Conflict Management in Organizations (3)

## Operations Management Emphasis: 21 units

### Emphasis Recommended: 9 units

- TOM 4010 - Quality Management (3)

- TOM 4360 - Project Management (3)
- TOM 4530 - Service Operations Management (3)

**Emphasis Other: 12 units**

- EBZ 3010 - Business on the Web (3)
- EBZ 3030 - Customer Relationship Management and Business Analytics (3)
- EBZ 3050 - Enterprise Resource Planning (3)
- TOM 3090 - Logistics Management (3)
- TOM 3200 - Management of Technology (3)
- TOM 4250 - Supply Chain Network Design (3)
- TOM 4340 - Purchasing Management (3)
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- Interdisciplinary Elective (3)*

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- MHR 4040 - Conflict Management in Organizations (3)

# Personal Computer Proficiency Requirement

[1](see policy statement in College of Business Administration introductory section).

# General Education Requirements: 48 units

Students should view their Degree Progress Report (DPR) for information regarding their General Education requirements. Unless specific GE courses are required for their major, please refer to the list of approved courses in the General Education Program in the University Catalog, https://catalog.cpp.edu. When viewing the catalog, students should select the catalog year associated with the GE requirements listed in their Degree Progress Report.

## Area A. English Language Communication and Critical Thinking (9 units)

*At least 3 units from each sub-area*

1. Oral Communication
2. Written Communication
3. Critical Thinking

## Area B. Scientific Inquiry and Quantitative Reasoning (12 units)

*At least 3 units from each sub-area*

1. Physical Sciences
2. Life Sciences
3. Laboratory Activity
4. Mathematics/Quantitative Reasoning
5. Science and Technology Synthesis

### Area C. Arts and Humanities (12 units)

*At least 3 units from each sub-area and 3 additional units from sub-areas 1 and/or 2*

1. Visual and Performing Arts

2. Literature, Modern Languages, Philosophy and Civilization

3. Arts and Humanities Synthesis

### Area D. Social Sciences (9 units)

*At least 3 units from each sub-area*

1. U.S. History and American Ideals

2. U.S. Constitution and California Government

4. Social Science Synthesis

### Area E. Lifelong Learning and Self-Development (3 units)

### Area F. Ethnic Studies (3 units)

## American Institutions: 6 units

Courses that satisfy this requirement may also satisfy GE Areas D1 and D2.

## Graduation Writing Test

The Graduation Writing Test (GWT) is suspended until Fall 2025. Students entering Cal Poly Pomona before Fall 2025 are not required to take the Graduation Writing Test.

## Summer Sponsored Experience: 0 unit

- CPU 3003 - Cal Poly Pomona Undergraduate Sponsored Summer Experience (0)