



**California State Polytechnic University, Pomona  
Degree Curriculum Sheet**

Plan (Major) **BUSINESS ADMINISTRATION**  
Subplan/Option **Technology and Operations Management**

Catalog Year **2016 - 2017**  
Minimum Units Required **180**

Name \_\_\_\_\_  
Student ID \_\_\_\_\_

<b>Required Core Courses</b>
Required of all business majors. A 2.0 cumulative GPA is required in core courses including subplan courses for the major in order to receive a degree in the major.
ACC 207/207A - Financial Accounting for Decision Making (4/1)
ACC 208/208A - Managerial Accounting for Decision Making (4/1)
CIS 310 - Management Information Systems (4)
FRL 201 - Legal Environment of Business Transactions (4)
FRL 300 - Managerial Finance I (3)
FRL 301 - Managerial Finance II (3)
IBM 301 - Principles of Marketing Management (4)
MHR 301 - Principles of Management (4)
MHR 318 - Organizational Behavior (4)
TOM 301 - Operations Management (4)
TOM 302 - Managerial Statistics (4)
BUS 495 - Strategic Management (4)
<b>Total Units 48</b>

<b>Required Subplan/Option Core Courses</b>
TOM 315 - Management Science (4)
TOM 332 - Production Management (4)
TOM 401 - Quality Management (4)
EBZ 304 - E-business-enabled Supply Chain Management (4)
<b>Total Units 16</b>

<b>Elective Subplan/Option Core Courses</b>
At least 28 units of additional courses from the list of Technology & Operations Management Directed Electives. (see TOM advisor for approval). (See list on back.)
<b>Total Units 28</b>

<b>Required Support Courses</b>
CIS 101 - Introduction to Personal Computing (4) <sup>1</sup>
STA 120 - Statistics with Applications (4) (B4)
MAT 125 - Introductory Calculus for Business (4) (B4)
EC 201 - Principles of Economics (4) (D2)
EC 202 - Principles of Economics (4) (D2)
<b>Total Units 16-20</b>

<b>Other Major (Plan) Requirements</b>
<sup>1</sup> Computer proficiency must be demonstrated by satisfying one of the following three alternatives: 1) CIS 101, 2) Computer Proficiency Skills Tests in Word, Excel, Access, and PowerPoint, or 3) an approved college course. There are no units associated with the Computer Proficiency Skills Test. If the test is passed, then unrestricted electives in subplan/option selected may be increased by 4 units.

<b>Unrestricted Electives</b>
Select a sufficient number of courses so that the total from "Required Support", "GE", and "Unrestricted Electives" is at least 88 units.
Note: The number of unrestricted elective units depends on whether or not STA 120 or MAT 125 and EC 201 or EC 202 are used for General Education (see curriculum sheet for the subplan). If STA 120 or MAT 125 is used for General Education, unrestricted electives will be increased by four units. If EC 201 or EC 202 is used for General Education, unrestricted electives will be increased by four units.
<b>Total Units 0-12</b>

<b>Computer Proficiency Requirement</b>
<sup>1</sup> (see policy statement in College of Business Administration introductory section).

<b>Interdisciplinary General Education</b>
See Interdisciplinary General Education Courses on the back of the Curriculum Sheet.
<b>Total Units 32</b>

<b>General Education Requirements</b>
<b>Area A Communication &amp; Critical Thinking (12 units)</b>
1. Oral Communication
2. Written Communication
3. Critical Thinking
<b>Area B Mathematics &amp; Natural Sciences (16 units)</b>
1. Physical Science
2. Biological Science
3. Laboratory Activity
4. Math/Quantitative Reasoning
5. Science & Technology Synthesis
<b>Area C Humanities (16 units)</b>
1. Visual and Performing Arts
2. Philosophy and Civilization
3. Literature and Foreign Language
4. Humanities Synthesis
<b>Area D Social Sciences (20 units)</b>
1. U.S. History, Constitution, American Ideals
a. United States History
b. Introduction to American Government
2. History, Economics and Political Science
3. Sociology, Anthropology, Ethnic & Gender Studies
4. Social Science Synthesis
<b>Area E Lifelong Understanding &amp; Self Development (4 units)</b>
<b>Total Units 68</b>

<b>American Institutions</b>	
Courses that satisfy this requirement may also satisfy GE Area D1	<b>8</b>

<b>American Cultural Perspectives Requirement</b>	
Refer to the University Catalog General Education Program section for a list of courses that satisfy this requirement. Course may also satisfy major, minor, GE, or unrestricted elective requirements.	<b>4</b>

All persons who receive undergraduate degrees from Cal Poly Pomona must pass the Graduation Writing Test (GWT). The test must be taken by the quarter following completion of 120 units for undergraduates.

## Elective Subplan/Option Core Courses

### Supply-Chain Management

TOM 309 - Logistics Management (4)  
TOM 319 - Transportation Systems and Traffic Management (4)  
TOM 420 - Operations Technologies and Strategies (4)  
TOM 425 - Supply Chain Design, Analysis and Representation (4)  
TOM 432 - Production and Distribution Management (4)  
TOM 434 - Purchasing Management (4)  
TOM 436 - Project Management (4)

### Service Operations Management

EBZ 303 - E-business Customer Relationship Management (4)  
TOM 309 - Logistics Management (4)  
TOM 350 - Decision Support and Expert Systems (4)  
TOM 419 - Simulation Modeling and Analysis (4)  
TOM 434 - Purchasing Management (4)  
TOM 436 - Project Management (4)  
TOM 453 - Operations Management in Services (4)

### Management of Technology

EBZ 302 - E-business Technology (4)  
EBZ 305 - E-business Enterprise Resource Planning (4)  
EBZ 451 - E-business Application Development (4)  
TOM 320 - Management of Technology (4)  
TOM 419 - Simulation Modeling and Analysis (4)  
TOM 420 - Operations Technologies and Strategies (4)  
TOM 436 - Project Management (4)

### Interdisciplinary General Education

An alternate pattern for partial fulfillment of GE Areas A, C, D, and E available for students is the Interdisciplinary General Education (IGE) program. Students should see an advisor for specific GE coursework required by their major. Students must be exempt from or score at least 147 on the EPT to qualify for IGE. Please refer to the University Catalog General Education Program section for additional information.

#### How IGE fulfills General Education Requirements:

Year	Completion of IGE Courses	Satisfies GE Requirements
Freshman	IGE 120, IGE 121, IGE 122	A2 as well as any 2 courses from C1-C3
Sophomore	IGE 220, IGE 221, IGE 222	D1 (8 units) and D3
Junior	IGE 223, IGE 224	D2 and Area E

**Total Units 32**