



Curriculum for B.S. Degree in Aviation Administration (120 units)

CALIFORNIA STATE UNIVERSITY, LOS ANGELES

(Effective Fall 2016)

Lower Division General Education Requirements (39 units)

BLOCK A – Basic Subjects (9 units)

A1: COMM 1100 or HNRS 1100

A2: ENGL 1005B or ENGL 1010

A3: COMM1200/ENGL 1050/PHIL 1600/POLS 1555

American Institutions (6 units)

U.S. History

U.S. Constitution

BLOCK B – Natural Sciences & Mathematics/ Quantitative

Reasoning (9 units)

B1 – CHEM 1000 or PHYS 1560, 1570

B2 – Biological

B3 – Interdisciplinary Physical / Biological

B4 – MATH 1000 or 1020

BLOCK C – Arts and Humanities (6 units)

BLOCK D – Social Sciences (6 units)

BLOCK E – Lifelong Understanding and Self-Development (3 units)

1 course each A1, A2, A3

Oral Communication (3)

Written Communication (3)

Critical Thinking and Composition (3)

1 course (3)

1 course (3)

1 course each B1, B2, B4

NOTE: B3 (course can be taken in place of either B1 or B2, but not both)

1 course (3)

1 course (3)

1 course (3)

1 course each C1, C2 (6)

*GEOG 1550 (3) and 1 course (3)

ENGR 1500 (3)

Lower Division Required Core (21 units): *Required Courses for first-time freshmen*

The major requires 21 semester units of lower division work for student who have completed a two-year community college program (or the first two years at a four-year institution) in flight training, airframe and power plant maintenance, aviation administration, or similar aviation-oriented program.

TECH 1100 Introduction to Design Application and 3D Modeling (3) *Prerequisites: None*

TECH 1400 General Aeronautics (3) *Prerequisites: None*

CIS 1200 Information and Technology Literacy (3) *Prerequisites: None*

TECH 1430 Airport Operations (3) *Prerequisites: None*

ACCT 2100 Principles of Financial Accounting (3) *Prerequisites: None*

ECON 2090 Applied Business and Economic Statistics I (3) *Prerequisites: MATH 0930 or completion of GE B4*

GEOG 1700 Meteorology (3) *Prerequisites: None*

Upper Division Required Core (45 units):

TECH 3410 General Aviation Operations and Administration (3) *Prerequisites: None*

TECH 3420 Airline Administration (3) *Prerequisites: Upper division standing*

TECH 3430 Airport Administration (3) *Prerequisites: Upper division standing or instructor approval*

TECH 3440 Aviation Law (3) *Prerequisites: Upper division standing*

TECH 3450 Air Cargo (3) *Prerequisites: Upper division standing or instructor approval*

TECH 4000 Written Communication Skills for Industrial Tech (3) *Prerequisites: Completion of GE A2*

TECH 4400 Safety Factors in Aviation (3) *Prerequisites: Upper division standing*

TECH 4420 Airport Planning (3) *Prerequisites: Upper division standing*

TECH 4460 Airport Finance (3) *Prerequisites: None*

TECH 4470 Senior Seminar: Aviation Problems (3) *Prerequisites: Senior standing*

MKT 3100 Principles of Marketing (3) *Prerequisites: None*

*GEOG 1550 is a required course to satisfy the prerequisite for GEOG 4570.

GEOG 4570	Transportation Geography (3) <i>Prerequisites: GEOG 1550</i>
MGMT 3060	Operations Management (3) <i>Prerequisites: None</i>
MGMT 4500	Case Studies in Operations Management (3) <i>Prerequisites: MGMT 3060</i>
MGMT 4504	Supply Chain Management (3) <i>Prerequisites: MGMT 3060</i>

Select one of the following Concentrations:

Aviation Concentration (6 units)

TECH 3400	Airline Operations (3) <i>Prerequisites: None</i>
TECH 3460	National Airspace System and Air Traffic Control (3) <i>Prerequisites: Upper division standing or permit of instructor</i>
TECH 4410	Aviation Sales (3) <i>Prerequisites: Upper division standing</i>
TECH 4430	Air Transportation (3) <i>Prerequisites: Upper division standing</i>
TECH 4480	Case Studies in Airline Finance (3) <i>Prerequisites: Upper division standing</i>

Operation and Supply Chain Management Concentration (6 units)

MGMT 3070	Management and Organizational Behavior(3) <i>Prerequisites: None</i>
MGMT 4105	Managerial Leadership and Motivation (3) <i>Prerequisites: MGMT 3070</i>
MGMT 4501	Process Design and Improvement (3) <i>Prerequisites: MGMT 3060 or equivalent</i>
MGMT 4502	Production and Inventory Management (3) <i>Prerequisites: MGMT 3060</i>
MGMT 4503	Total Quality Management (3) <i>Prerequisites: MGMT 3060</i>
MGMT 4505	Project Management (3) <i>Prerequisites: None</i>
MGMT 4506	Service Management (3) <i>Prerequisites: MGMT 3060 and MGMT 3070</i>

General Education Upper Division Theme (9 units)

UPPER DIVISION GE THEME 3 Courses (9 units)

Notes:

- GE requirements must add up to at least 48 semester units. (39 Lower Division, 9 Upper Division units).
- An Introduction to Higher Education course (IHE) is required of all first-time freshman.
- A minimum C- grade in A1, A2, A3, and B4 classes is required. This does not apply to meeting prerequisite for courses that require these courses to be completed with a grade of C or better.
- A minimum C grade average in general education is required of all students following the Fall 2016 or later catalog.
- Civic Learning/Community Engagement Requirement (6 semester units). Three semester units will be fulfilled by completing the IHE course. One (cl) course must be completed at the upper division general education level. These courses are designated as (cl) after the course listing.
- Diversity Requirement (6 semester units). Students must complete one race/ethnicity (re) course and one diversity(d) course or another race/ethnicity (re) course. These courses are designated as (re) and (d) after the course listing.
- Writing Intensive Requirement (6 semester units). Students must complete two writing intensive (wi) courses, with at least one in their major. These courses are designated as (wi) after the course listing.