



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

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 Courses (21 units):

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.

Foundation Program (21 units): Required Courses for first-time freshmen

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 930 or satisfactory score on mathematics placement examination
GEOG 1700	Meteorology (3) Prerequisites: None

Required Courses (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 with permit of instructor
TECH 3440	Aviation Law (3) Prerequisites: Upper division standing
TECH 3450	Air Cargo (3) Prerequisites: Upper division standing or with permit of instructor
TECH 4000	Written Communication Skills for Industrial Tech (3) Prerequisites: Writing Proficiency Exam (WPE)
TECH 4400	Safety Factors in Aviation (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.

FIN 3030	Business Finance (3) <i>Prerequisites: ACCT 2100</i>
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 Tracks:

Aviation Track Electives (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 with permit of instructor</i>
TECH 4410	Aviation Sales (3) <i>Prerequisites: Upper division standing</i>
TECH 4420	Airport Planning (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>

Management Minor Track Electives (6 units)

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>
MGMT 4105	Managerial Leadership and Motivation (3) <i>Prerequisites: 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 (3 semester units). Students must complete one writing intensive (wi) course in their major. These courses are designated as (wi) after the course listing.