

Academic Programs at the Prescott Campus

Aviation Business and Management Program

Aviation Business Administration

The Aviation Business Administration degree program, offered by the Department of Business, reflects the ever-changing and demanding environment of business, government, and the aviation industry. The curriculum is designed to provide graduates with the knowledge and skills essential to their successful entry into business and society. Emphasis is placed on effective communications, quantitative skills, global awareness, social responsibility, information technology, critical thinking skills, teamwork, business functional skills, aviation/aerospace industry familiarity, and a commitment to lifelong learning.

This degree program offers a unique educational experience for the business-focused student. It is the appropriate foundation for entry into career opportunities in business, management, airport management, finance, or flight operations. Course requirements include computer applications, group/individual projects and presentations, and a blend of theory and applications to best prepare students for a variety of positions in the workplace. Colloquia, forums, visiting speakers, interesting field trip experiences, and interdisciplinary opportunities/activities serve to enrich the curriculum.

Diverse elective courses allow students to broaden their general education interests or pursue specific interests in many specialized areas, including international commerce, economics/finance, aviation/aerospace, security and intelligence, the environment, aviation safety, and culture and language. A variety of unique “minors” (minor programs of study) are available for interested students wishing to supplement their formal academic preparation with specialized coursework in more than 20 additional areas of study.

Active business/aviation related clubs on campus include *Phi Beta Lambda* (a business-focused organization providing students an opportunity to travel to state and national leadership conferences for participation in competitive events) and the *American Association of Airport Executives* (an aviation management-focused association, with prior travel to China, New York City, Las Vegas, Houston, Seattle, and San Francisco).

Our students are encouraged to think beyond traditional academic boundaries and seek workplace and cultural experiences that will enrich and enlighten them on the evolving workplace and the global business environment. Unique internships and cooperative educational experiences are available and encouraged, with staff assigned to assist students in position identification and placement. Numerous summer-abroad experiences are available for students wishing to increase their international perspectives. Previous summer-abroad academic programs have been offered in Paris, London, Italy, Poland, China, Germany, Ecuador, Chile, and Mexico.

A Business Industry Advisory Board provides guidance on the needs of business, government, and the aviation industry. The ABA program is accredited by the Council on Aviation Accreditation. Department-sponsored tutoring and labs are available.

Dedicated faculty advisors assist ABA students in evaluating the many opportunities available to them in this program. Some courses may require prerequisite subject knowledge or particular class standing. Course descriptions, included in this catalog, should be reviewed prior to registering for classes, to ensure proper placement.

Aviation Business Administration

Bachelor of Science

Degree Requirements

The Bachelor of Science degree in Aviation Business Administration (ABA) requires successful completion of a minimum of 120 credit hours, and is normally completed in eight semesters. Designed for students interested in obtaining a strong business foundation with emphasis on specific aviation applications, the student may select an Area of Concentration in Management, Finance, Flight Operations-Fixed Wing, Flight Operations-Helicopter, and Airport Management.

Students should declare their Area of Concentration at the beginning of their junior year. Students who want to specialize in more than one Area of Concentration may cross-utilize up to 6 credit hours toward the second area of concentration. Students who participate in the Cooperative Education program may substitute up to 6 credit hours, if approved, toward the specified courses required in their Area of Concentration.

Students enrolled in the Air Force or Army ROTC program may substitute AF or MY courses for the open elective courses.

Select Aviation Business Administration program offerings at the Prescott Campus are accredited by the Aviation Accreditation Board International (AABI). The Embry-Riddle Aeronautical University – Prescott Bachelor of Science degree program in Aviation Business Administration is a member of the Association of Collegiate Business Schools and Programs (ACBSP) and has applied for candidacy for accreditation. In order to be awarded an ABA degree, a student is required to complete a minimum of 80% of the business core and area of concen-

tration in residence or transfer those credits from institutions approved by the Department Chair.

	Credits
General Education	39
Business Core.....	48
Area of Concentration	15/16
Open Electives.....	18/17
TOTAL DEGREE CREDITS	120

General Education

Communication Theory and Skills*.....	9
Mathematics*.....	9
Computer Science*.....	3
Physical and Life Sciences* (One course must include a laboratory.).....	6
Humanities Lower-Level course*.....	3
Social Sciences Lower-Level course*.....	6
Humanities/Social Sciences Upper-Level course ...	3
Total Credits	39

Business Core

	Course Title	Credits
BA	102 Introduction to Aviation Business and Industry -OR-	
AS	120 Principles of Aeronautical Science.....	3
BA	201 Principles of Management.....	3
BA	210 Financial Accounting.....	3
BA	221 Advanced Computer Based Systems.....	3
BA	311 Marketing.....	3
BA	312 Managerial Accounting.....	3
BA	319 Managerial and Organizational Behavior.....	3
BA	320 Business Information Systems.....	3
BA	325 Social Responsibility and Ethics in Management.....	3
BA	332 Corporate Finance I.....	3
BA	335 International Business.....	3
BA	390 Business Law.....	3
BA	420 Management of Production and Operations.....	3
BA	436 Strategic Management.....	3
EC	211 Macroeconomics.....	3
EC	315 Managerial Economics.....	3
	Total Credits	48

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Areas of Concentration

Airport Management

Course Title	Credits
BA 408 Airport Management	3
BA 308 Public Administration -OR-	
BA 412 Airport Planning and Design Standards.	3
BA 418 Airport Administration and Finance**	3
BA/EC Business Electives (300-400 level).	6
Total Credits	15

Finance

Course Title	Credits
BA 334 Investment Analysis -OR-	
BA 342 International Finance	3
BA 434 Corporate Finance II**	3
EC 312 Money and Banking	3
BA/EC Business Electives (300-400 Level)*	6
Total Credits	15

*Of which one course must be aviation focused.

Flight Operations - Fixed Wing

Course Title	Credits
AS 121 Private Pilot Operations.	4
AS 221 Instrument Pilot Operations	3
AS 321 Commercial Pilot Operations**	3
FA 121 Private Single Flight	1
FA 221 Instrument Single Flight	1
FA 321 Commercial Single Flight	1
*300/400 Level AS, BA, EC, SF, or WX	3
Total Credits	16

*Must be approved by the Department Chair.

Note: Students selecting this option need to begin the coursework as soon as possible. Please see the Advanced Standing section under University Academic Regulations and Procedures and the Aeronautical Science notes under the Aeronautical Science degree in this catalog for information relating to these courses.

Flight Operations - Helicopter

Course Title	Credits
AS 142 Private Helicopter Operations	3
AS 252 Instrument Helicopter Operations.	3
AS 372 Commercial Helicopter Operations**	3
300-400 Level AS, BA, EC, SF, or WX*	3
Advanced Standing for:	
Helicopter Private Pilot Certificate	1
Helicopter Commercial Pilot Certificate.	1
Helicopter Instrument Rating.	1
Total Credits	15

*Must be approved by the Department Chair.

Management

The focus is to produce an aviation management generalist. The culminating focus course is BA 436.**
Select any five designated electives of which a minimum of two must be aviation focused 15

Courses Available as Designated Electives

Course Title	Credits
BA 308 Public Administration	3
BA 324 Aviation Labor Relations.	3
BA 333 Personal Financial Planning	3
BA 334 Investment Analysis.	3
BA 342 International Finance	3
BA 408 Airport Management	3
BA 410 Management of Air Cargo.	3
BA 412 Airport Planning and Design Standards.	3
BA 415 Airline Management	3
BA 418 Airport Administration and Finance.	3
BA 421 Small Business Management	3
BA 425 Trends and Current Problems in Air Transportation.	3
BA 427 Management of the Multicultural Workforce	3
BA 434 Corporate Finance II.	3
BA 399, 499 Special Topics in Business	3
EC 312 Money and Banking.	3
EC 420 Economics of Air Transportation	3
EC 399, 499 Special Topics in Economics	3
AES 403 Wildlife and Airports	3
AES 406 Environmental Management	3
AS 402 Airline Operations	3
SIS 420 Aviation Security and Technology.	3

Open Electives. 17/18

TOTAL DEGREE REQUIREMENTS **120**

**These classes are considered the capstone class for the area of concentration.

Academic Programs at the Prescott Campus

General Education

* Embry-Riddle courses in the general education categories of Communication Theory and Skills, Mathematics, Computer Science, Physical and Life Sciences, Humanities, and Social Sciences may be chosen from those listed below, assuming prerequisite requirements are met with permission of advisor. Courses from other institutions are acceptable if they fall into these broad categories and are at the level specified above in the Aviation Business Administration vertical outline. Other courses may also be used with permission of the Department of Business Chair.

Communication Theory and Skills
COM 122, 219, and 221 -OR- 222

Computer Science
BA 120 -OR- IT 109

Humanities
LOWER-LEVEL:
HU 140 series
UPPER-LEVEL:
HU 300-400 level

Mathematics
College Algebra or higher, MA 222 and MA 320

Physical and Life Sciences
Any AES or PS course, or WX 201, of which one course must include a laboratory.

Social Sciences
LOWER-LEVEL:
EC 210 -AND- one of the following: PSY 101,
SS 110-130, 204, 210
UPPER-LEVEL:
300-400 level EC, PSY, or SS

Suggested Program of Study

FRESHMAN YEAR

Course	Title	Credits
	Communication Theory and Skills	3
	Lower-Level Humanities	3
	Lower-Level Social Sciences	3
	Computer Science	3
	Mathematics	3
	Physical and Life Sciences	3
BA 102	Introduction to Aviation Business and Industry	3
BA 201	Principles of Management	3
EC 210	Microeconomics	3
	Open Elective	3
Total Credits		30

SOPHOMORE YEAR

Course	Title	Credits
	Communication Theory and Skills	6
	Physical and Life Sciences	3
BA 210	Financial Accounting	3
BA 221	Advanced Computer Based Systems	3
BA 311	Marketing	3
EC 211	Macroeconomics	3
MA 222	Business Statistics	3
MA 320	Decision Mathematics	3
	Open Elective	3
Total Credits		30

JUNIOR YEAR

Course	Title	Credits
	Upper-Level Humanities -OR- Social Sciences	3
BA 312	Managerial Accounting	3
BA 319	Managerial and Organizational Behavior	3
BA 320	Business Information Systems	3
BA 332	Corporate Finance I	3
BA 335	International Business	3
EC 315	Managerial Economics	3
	Concentration Courses	3
	Open Elective	6
Total Credits		30

SENIOR YEAR

Course	Title	Credits
BA 325	Social Responsibility and Ethics in Management	3
BA 390	Business Law	3
BA 420	Management of Production and Operations	3
BA 436	Strategic Management	3
	Concentration Courses	12
	Open Electives	6
Total Credits		30
TOTAL DEGREE CREDITS		120

This suggested sequencing is appropriate for most ABA students. However, those seeking a Flight Operations concentration should consult their advisor as their particular (flight-oriented) concentration courses should be scheduled much earlier in the sequence.