

BACHELOR OF SCIENCE IN AVIATION ADMINISTRATION

COMMITMENT TO QUALITY

Lewis University's commitment to quality aviation programs began in 1932 when aviation studies first were offered. Today, Lewis is an acknowledged leader in aviation education, preparing graduates who are serving aviation and aviation-related industries on a worldwide basis. Students come to Lewis from across the United States and abroad.

American aviation currently faces historic challenges and offers a wide variety of employment opportunities. The historic challenges stem from the dramatic growth since deregulation in 1978. For example, air traffic increased from 247 million passengers to over 600 million in 1997, with a growth to 1 billion expected by 2012.

PROMISING FUTURE AWAITS AVIATION ADMINISTRATION GRADUATES

Lewis' Aviation Administration program is designed to prepare students for careers as professional managers in aviation. Students who major in aviation administration will be academically qualified to accept entry-level management positions in the airline industry, the aircraft manufacturing industry, governmental agencies, airport management and many others.

Lewis' comprehensive liberal arts core curriculum, combined with a balanced sequence of major courses, appropriately prepare students for many of the 1,500 various jobs commonly listed by most major air carriers. The range of positions is impressive and the best news is that the market for aviation personnel will increase over the next ten years.

Tomorrow's leaders in the aviation community will need the flexibility and competence associated with a liberal arts education, and the specialized expertise necessary to meet the demands of a rapidly changing world where aviation will play

an increasingly significant role. Lewis' aviation graduates will be among the leaders who will shape the future of aviation in the twenty-first century.

CAREER OPPORTUNITIES

Potential Career Opportunities:

- Airport Management and Operations
- Airport Security
- Fixed Base Operations Management
- Crash, Fire and Rescue Operations
- Aircraft Accident Investigation
- Aviation Safety Management
- Air Traffic Control
- Aviation Consulting/Planning
- Airline Management and Operations
- National Transportation Safety Board
- Federal Aviation Administration (FAA)
- Passenger Service Personnel
- Flight Attendants
- Flight Dispatcher
- Flight Crew
- Airline Sales Agent
- and many more

CONTACT

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BACHELOR OF SCIENCE / AVIATION ADMINISTRATION

Total Credit Hours: 128
Major Credit Hours: 83

I. Core Courses (65)

47-102 Introduction to Aviation (1)
47-130 Private Pilot Ground I (3)
47-131 Private Pilot Ground II (3)
47-201 Human Factors in Aviation (3)
47-203 Visual Aircraft Recognition (1)
47-204 Aviation Regulations (3)
47-213 Aviation History I-The Early Years (3)
47-214 Aviation History II-The Jet Age (3)
47-250 Aviation Meteorology I (3)
47-252 Aviation Meteorology II (3)
47-313 Air Traffic Control Systems (3)
47-321 Aviation Legislation (3)
47-353 Air Transportation (3)
47-373 Aviation Safety (3)
47-402 Fiscal Aspects of Aviation (3)
47-430 Labor Relation in Aviation (3)
47-450 Issues and Trends in Aviation (3)
47-452 Airport Management (3)
47-453 Airline Management and Economics (3)
47-463 Aircraft Accident Investigation (3)
Aviation Electives (9)

II. Management Courses (12)

61-200 Principles of Management (3)
61-360 Human Resource Management (3)
61-380 Supervisory Management (3)
23-120 Principles of Accountancy I (3)

III. Computer Courses (6)

70-190 Microcomputer Software (3)
70-xxx Computer Science elective (3)
OR
63-xxx Management Information Systems elective (3)
OR
Three (3) Computer Workshops

IV. General Education Courses* (45)

The following general education requirements are listed and satisfied under the core curriculum:

- The two science requirements are met by Aviation Meteorology I (47-250) and Aviation Meteorology II (47-252).

- The college experience requirement is met by Introduction to Aviation (46 / 47-102).
- The advanced writing requirement is met by successful completion of Aviation Legislation (47-321) and Aircraft Accident Investigation (47-463).

**For details on additional required coursework, see the General Education section in this catalog.*

AVIATION ADMINISTRATION / MINOR

Open to non-aviation administration majors, this minor gives students a broad overview of the aerospace industry.

Minor Credit Hours: 21

I. Required Courses (21)

47-201 Human Factors in Aviation (3)
47-204 Aviation Regulations (3)
47-321 Aviation Legislation (3)
47-353 Air Transportation (3)
47-373 Aviation Safety (3)
47-452 Airport Management (3)
47-463 Aircraft Accident Investigation (3)

OUTSTANDING LOCATION AND STATE-OF-THE-ART FACILITIES

Students in the Aviation Administration program may choose to minor in flight or tailor their academic program in a number of ways. These choices will allow students to pursue careers in fields such as air traffic control, airport operations, airport security, flight dispatching, and more.

The Harold E. White Aviation Center, including a \$2 million high-tech flight complex, is one of the most modern aviation education centers in the Midwest. The facility includes a flight simulator room, a computer laboratory, and a dispatch center, as well as classrooms.

Lewis' proximity to Chicago's main airports (O'Hare and Midway) and to major and regional airlines provides opportunities for student internships and practicums. Such placements offer exciting opportunities in the growing aviation administration field.

