

BACHELOR OF SCIENCE IN AVIATION SECURITY

OVERVIEW

Since the dramatic events of September 11, 2001, progress has been made in the area of aviation security. Airports, airlines, related organizations and individual pilots and other personnel have worked with the Transportation Security Administration, the Department of Homeland Security, the Department of Defense and other entities to enhance aviation security while maintaining passenger rights and comfort. Aviation security, however, continues to be a national concern. Furthermore, the U.S. Department of Transportation reports that more than 10 million people are employed in transportation-related industries. This number is sure to grow as the number of air passengers is projected to more than double by 2012.

Lewis University's Bachelor of Science degree in Aviation Security will prepare students to serve as professionals to protect air transportation centers, passengers and cargo. The degree will provide insight into aviation security issues that affect the daily operations at airports, for major airlines and private pilots. Required courses are a combination of courses from the Lewis Department of Aviation and the Lewis Department of Justice, Law and Public Safety Studies, along with designated general education courses in American government, hazardous materials and forensic chemistry.

The program is designed for students interested in working in the variety of roles and settings making up the nation's aviation security system. Graduates may choose to work in government, for the airline industry, or in the corporate sector for large or small organizations. The degree also is an option for individuals looking to change or advance in their careers.

OBJECTIVES

The aviation security major will primarily focus on security issues as they relate to aviation, airports and air travel; the laws, policies, procedures and systems that impact response to security issues; and the best practices for insuring security and responding to security concerns in aviation.

OUTSTANDING LOCATION AND STATE-OF-THE-ART FACILITIES

- Lewis' proximity to Chicago's main airports (O'Hare and Midway) and to major and regional airlines provides opportunities for student internships and practicums.
- The Department of Aviation is located in the Harold E. White Aviation Center, a \$2 million high-tech flight complex, and one of the most modern aviation education centers in the Midwest. The facility features a flight simulator room, a computer laboratory, and a dispatch center, as well as classrooms.
- The Lewis University Airport, which houses more than 300 aircraft, is located adjacent to the main campus.

CONTACT

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WEB SITES FOR ADDITIONAL INFORMATION

Department of Homeland Security
www.dhs.gov

Federal Aviation Administration
www.faa.gov

Lewis University
www.lewisu.edu

Lewis University Department of Aviation
www.lewisu.edu/academics/aviation

Transportation Security Administration
www.tsa.gov/public

U.S. Department of Defense
www.defenselink.mil

BACHELOR OF SCIENCE / AVIATION SECURITY

Total Credit Hours: 128

Major Credit Hours: 76

I. Core Courses (48)

- 47-110 Introduction To Aviation Security (3)
- 47-130 Fundamentals of Flight (3)
- 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)
- 47-455 Airport Security (3)
- 47-489 Topics in Aviation Security (3)
- 81-245 Fire Science Overview (3)
- 81-290 Private Security Investigation (3)
- 81-310 Security Organization and Management (3)
- 81-445 Criminal Procedure: Rules of Evidence (3)
- 47-498 Internship (3)
- OR
- 47-450 Issues and Trends in Aviation (3)

II. General Education Requirements (52)

III. Electives (28)

- IV. The advanced writing requirement is satisfied for aviation security majors by successful completion of Aviation Legislation (47-321) and Aircraft Accident Investigation (47-463).