Online Education

In 1971, Embry-Riddle Aeronautical University became one of the first 20 universities in the world to offer distance learning. The university has come a long way since 1971 and today offers online education opportunities that are consistently ranked among the top in the United States.

Flexible Schedule

Online programs feature multiple start times throughout the year with a new term each month.

Experience

We have decades of experience with secondary-school graduates, college transfers and those that have already entered the workforce and need the flexibility that an online degree provides.

Your Own Plan

Personalised degree maps show how you can graduate on time, regardless of your other obligations or location.

Choose from one of the following online undergraduate degree programs:

- Aeronautics
- Aviation Business Administration
- Aviation Maintenance
- Engineering Fundamentals
- Logistics & Supply Chain Management
- Technical Management
- Aviation Security
- Communication

- Emergency Services
- Engineering
- Engineering Technology
- Homeland Security
- Interdisciplinary Studies
- Project Management
- Safety Management
- Unmanned Systems Applications

Flight Specialization (Minor)

The flight minor enables students in Singapore to graduate with both a bachelor's degree and commercial pilots license, positioning them for full-time employment with an airline. Students choosing the flight minor will complete 105 credits in Singapore and the remaining 15 credits in the BSA degree in Daytona Beach, Florida. The flight portion of the degree is designed to be completed in 13 months, and upon returning to Singapore, students would be able to convert their FAA license to the local regulator or pursue employment with international carriers without license conversion.

Entry to the flight minor is extremely competitive and due to a limited number of spaces not all candidates will be selected. Students not selected for the flight minor will have the option to choose from one of the other eight specialisations offered in the BSA degree.

Additional information on the flight minor is available at **asia.erau.edu**

Dalton Lim Guo Hui
Pricing Executive, DHL eCommerce (Singapore) Pte Ltd

Bachelor of Science in Aviation Business Administration

If you have a passion for aviation, then there are no other universities that can remotely match the quality and heritage of an Embry-Riddle education. Like many others, my initial dream was to be a pilot. However, after joining Embry-Riddle, I realized that the passion for aviation isn't just about being a pilot, it is about what we can offer to the industry and make it a better place.

Nur Athira Binte
Asst. Aircraft Management System & Planning Executive, Airbus Helicopters Southeast Asia

Bachelor of Science in Aeronautics

One of the fondest memories I have at Embry-Riddle's Asia campus, is the time I spent working with my batch mates and faculty mentor, Matthew Flaherty, to organize a joint-community project with Temasek Polytechnic in collaboration with young students from Cerebral Palsy Alliance Singapore (CPAS). Not only did the initiative foster a bond between the schools, but it also provided us with an experience that cannot be taught in classrooms.

Admission Requirements

Entry requirements vary from country to country and each application to Embry-Riddle Aeronautical University is reviewed on a case-by-case basis. In most cases the following are required:

- Official copy of your secondary school transcripts/exam results Grade 10 or Grade 12
- Copy of your secondary school leaving certificate/diploma
- Two letters of recommendation from your teachers/counselor

English Language Proficiency

Applicants for whom English is not the primary language must either:

- Attain a minimum score on the Test of English as a Foreign Language (TOEFL) of 550 (paper-based) or 79-80 (Internet-based), or 213 (computer-based)
- Attain a minimum score on the International English Language Testing System (IELTS) of 6.0.

Steps to Apply

- Submit online application at **asia.erau.edu**
- Pay application fee of SGD 75
- Submit documents listed above

Intake & Application Deadlines

Embry-Riddle makes admission decisions on a rolling basis and students can apply up to one year in advance of when they plan to begin their studies. Students have the option to start in March or October. The following are suggested application deadlines for the most popular terms:

- July intake ⟶ apply by 1 April
- January intake ⟶ apply by 1 September

Program Delivery

Most of the BSABA and BSA classes are delivered in a traditional classroom setting with classes taking place during weekdays. Students are expected to take 3-4 courses during each of the four annual terms, which begin in January, March, July and October. Each term is nine weeks.

Program Length

Bachelor's degree programs are designed to be completed in 3.5 years. Students may complete the program in less time by taking online courses during summer breaks.

Exemptions

"A" Level holders can expect to receive between 9 to 24 credit exemptions based on the subjects studied and the grades received. Students who have completed the IB Diploma Program are awarded between 18 to 24 credits. Advanced Placement courses are also eligible for credit transfers based on the grades received.

Tuition, Scholarships & Grants

Embry-Riddle offers several options to help you fund your education. Embry-Riddle scholarships ranging from 3,500 to 10,500 are awarded based on academic merit and demonstrated financial need.

Visit **asia.erau.edu** for the latest information on program tuition, scholarships & grants.

Course Fees

Students can expect to pay SGD 5,049 + 7% GST per term. There are four terms (Jan, Mar, Jul, Oct).

Accommodations

Students are advised to make their arrangements prior to arriving in Singapore but temporary accommodations can be arranged while you find something more suitable for the remainder of your stay in Singapore. Lodging is relatively easy to find in Singapore and we can provide recommendations to ensure you are settled in.

Hostel accommodations specially cater to the needs of International students for them to live in a comfortable environment conducive to their learning needs. These hostels are located near the campus and are equipped with facilities consisting of cafes, recreational corners, sports facilities and Internet access.

ERC INSTITUTE   edutrust   ERC Institute UEN No.: 200311146N 20/05/2018 - 19/05/2022   Cert No.: EDU 0.2063 Validity: 13/07/2013 - 14/07/2019   SINGAPORE AVIATION ACADEMY

UNDERGRADUATE DEGREE PROGRAMS
FOR INTERNATIONAL APPLICANTS

EMBRY-RIDDLE Aeronautical University.
UNITED STATES | SINGAPORE | ONLINE

For more information:
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EMBRY-RIDDLE Aeronautical University.
UNITED STATES | SINGAPORE | ONLINE

EXPANDING A TRADITION OF EXCELLENCE

BACHELOR OF SCIENCE IN
AVIATION BUSINESS ADMINISTRATION

About the Degree

The Asia Pacific region is expected to achieve unprecedented long-term growth in aviation. By 2030 it is estimated that air travel in Asia will be greater than the markets of North America and Europe combined. In a study commissioned by IATA in 2015, it was found that by 2035, air transport is expected to support over 70 million jobs and nearly $1.3 trillion in GDP. Embry-Riddle Aeronautical University's Bachelor of Science in Aviation Business Administration (BSABA) is designed for students to excel in this high-powered, fast-paced industry.

With accreditation from the Association of Collegiate Business Schools and Programs (ACBSP), Embry-Riddle's BSABA program is designed to meet industry demands.

Career Opportunities

Graduates of the BSABA program go on to work in the following areas:

- Airport Management
- Strategic Marketing of Airlines
- Aircraft Financing and Leasing
- Aviation Insurance
- Aircraft Sales
- Logistics and Supply Chain Management
- Airline Commercial Management
- Airline Pricing
- Procurement
- Airport Operations

Degree Requirements:*

1 General Education Core

- Communication Theory and Skills
- Computer Science
- Humanities
- Mathematics
- Physical and Life Science lower-level elective
- Social Sciences

2 Common Business Core

- Business Law
- Business Statistics
- Human Resource Management
- Introduction to Management Information Systems
- Intro to Research Methods
- Leadership
- Managerial Accounting
- Marketing
- Principles of Management
- Strategic Management

3 Aviation Management Core

- Airline/Airport Marketing
- Airline Management
- Airport Management
- Financial Accounting
- Logistic Management for Aviation/Aerospace
- Management of Air Cargo

Choose two of the specializations listed below or one specialisation and 18 elective credits as listed in the Embry-Riddle Asia Catalog or website:

- Airport Management
- Aviation Cybersecurity (NEW)
- Aviation Safety
- Economics
- Human Resources
- Management Information Systems
- Technical Management

BACHELOR OF SCIENCE IN
AERONAUTICS

About the Degree

The Bachelor of Science in Aeronautics (BSA) degree is designed specifically for students who work, have worked, or desire to work in aviation-related careers. With accreditation from the Aviation Accreditation Board International (ABBI), Embry-Riddle's Aeronautics program is designed to meet industry demands. For students with existing aviation-related knowledge and skills, this degree acknowledges a student's valuable acquired experience through the award of advanced standing prior-learning credit. The curriculum then builds on those skills and knowledge. The program also provides an opportunity for those students new to aviation to acquire aviation-specific knowledge through aviation-related coursework.

This combination of a student's aviation learning, aviation courses, business, computer science, economics, humanities, communications, social sciences, mathematics, and physical sciences, along with professional development elective courses and a minor course of study, will prepare graduates for a career in an aviation-related field.

Career Opportunities

Graduates of the BSA program go on to work in:

- Flight Operations
- Air Traffic Management
- Aviation Safety
- Aviation Maintenance
- Meteorology
- Unmanned Aerial Systems
- Security and Intelligence

Degree Requirements:*

1 General Education Core

- Communication Theory and Skills
- Computer Science
- Humanities*
- Mathematics
- Physical and Life Science lower-level elective
- Social Sciences

2 Program Support Core

- Aviation Legislation
- Applications in Aviation/ Aerospace Law
- Business Statistics
- Intro to Aeronautical Science
- Intro to Management Information Systems
- Intro to Research Methods
- Mechanical and Structural Factors in Aviation Safety
- Principles of Management

3 Professional Development Core

- Aerodynamics
- Aeronautical Science Capstone Course
- Aviation Safety
- Management of Production and Operations

4 Aviation Area of Concentration

- Aircraft Crash Survival Analysis and Design
- Airport Development and Operations
- Human Factors in Aviation Safety
- Management of Air Cargo

Choose two of the specializations listed below or one specialization and 18 elective credits as listed in the Embry-Riddle Asia Catalog or website:

- Aviation Cybersecurity (NEW)
- Aviation Maintenance
- Aviation Safety
- Flight
- Helicopter Operations & Safety
- Occupational Safety and Health
- Security and Intelligence
- Transportation
- Unmanned Aerial Systems

BACHELOR OF SCIENCE IN
AERONAUTICS
ENGINEERING FUNDAMENTALS TRACK

About the Degree

The Engineering Fundamentals Track (EFT) in the Bachelor of Science in Aeronautics degree program is the first step to opening the door to continued engineering studies at an Embry-Riddle residential campus in the United States. Students in the EFT will receive the quality engineering instruction Embry-Riddle is known for without having to incur the full cost of pursuing a bachelor's degree at a residential campus. Through the EFT, students gain practical design experience using basic models and simulations. Students also get a strong foundation in math and physics.

Experienced faculty members provide first-hand knowledge and individual attention. Students also have the chance to work with fellow Embry-Riddle students throughout the program.

After completing the Engineering Fundamental courses in Singapore in the first two years, students will transfer to our U.S. campuses in either Daytona Beach, Florida or Prescott, Arizona, to complete the remaining two years of the degree program.

Career Opportunities

Career outcomes will depend largely on which bachelor's degree you choose, however, at the conclusion of the four-year program you will hold a degree in engineering opening the doors to any number of jobs in the aviation/aerospace industry.

Degree Requirements:*

First two years in Singapore

1 General Education Core

- Communication Theory and Skills
- Humanities/Social Sciences

2 Engineering & Engineering Sciences Program Support

- Engineering and Engineering Sciences Core
- Introduction to Engineering
- Statics
- Dynamics
- Solid and Fluid Mechanics

3 Mathematics & Physical Sciences Program Support

- Calculus & Analytical Geometry III
- Differential Equations and Matrix Methods
- Physics III for Engineers
- Physics Laboratory for Engineers

After completing the two-year program in Singapore, the EFT gives the student the option to continue in the Bachelor of Science in Aeronautics degree in Singapore or transfer to an Embry-Riddle residential campus in the United States and complete one of the following Bachelor of Science in Engineering degrees:

Second two years in the United States

- BSc in Aerospace Engineering
- BSc in Civil Engineering
- BSc in Computer Engineering
- BSc in Computer Science
- BSc in Electrical Engineering
- BSc in Mechanical Engineering
- BSc in Software Engineering

*Note: Embry-Riddle Aeronautical University reserves the right to make changes to the course offerings and course content at any time, in accordance with Embry-Riddle academic processes and CPE notification requirements.