

# EMBRY-RIDDLE AERONAUTICAL UNIVERSITY

**EMBRY-RIDDLE**  
Aeronautical University  
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## Embry-Riddle Aeronautical University

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**E**mbry-Riddle Aeronautical University is a pioneer institution in the field of unmanned and robotics education. As the nexus of aviation education, students benefit from much more than prestige; they learn from experienced faculty who share firsthand knowledge in aviation and are at the forefront in the developing field of Unmanned Aircraft Systems (UAS).

Used primarily in areas like military, disaster relief, and law enforcement applications, the future of this field has seemingly limitless potential. UAS have entered the civilian and commercial sectors and are transforming the world as we know it. From the driverless cars roaming our streets to the unmanned aircraft and drones soaring through our skies, companies all over the world rely on unmanned systems for critical aspects of their operations. Unmanned systems range from small UAS used to explore dangerous environments like volcanoes to robotic rovers operating on distant planetary bodies, all with the common goal of ensuring safe, efficient, and effective operations.

The fleet of small commercial UAS is expected to grow over the years, potentially leading to an increase in demand for UAS professionals who are capable of safely planning and executing UAS missions and effectively delivering the end products to customers. According to a study by the Association for Unmanned Vehicle Systems International, by 2025, the UAS field

is projected to create more than 100,000 jobs across several industries including the government, energy, transportation, and even entertainment.

Embry-Riddle Asia's campus, located in Singapore, offers the Bachelor of Science in Aeronautics degree program with a

specialization in Unmanned Aerial Systems. Backed by the prestige of Embry-Riddle Aeronautical University, the world's oldest and largest university specializing in aviation and aerospace, the Asia campus provides students with the same quality education as our campuses overseas. The comprehensive curriculum, taught by distinguished faculty members who are industry experts, guides students into a systematic understanding of unmanned and autonomous systems. The Master of Science in Aeronautics, jointly offered by Embry-Riddle Aeronautical University and the Singapore Aviation Academy (SAA), also offers a minor in Unmanned Aerospace Systems, suitable for individuals looking to advance their career in the field.

Embry-Riddle's Online Campus, ranked as one of US' top five online bachelor's degree providers for seven consecutive years, also offers a degree program in Bachelor of Science in Unmanned Systems Applications. Students have the flexibility to learn in their own home and interact with professors and students from anywhere in the world.