UNITED STATES AIR FORCE ACADEMY

USAFA Graduation

The **United States Air Force Academy** isn't just a premier higher-education establishment. It's an unparalleled academic and military institute that provides cadets with rewarding opportunities to transform into the leaders of tomorrow. Our mission is to educate, train, and inspire men and women to become leaders of character, motivated to lead the United States Air Force in service to our nation. From day one, cadets undertake a rigorous but rewarding program of academic, military, athletic, and character development. The academic experience balances science, technology, engineering, and mathematics (STEM) with arts and humanities. Our robust core curriculum places cadets at the intersection of these disciplines, generating opportunities to cultivate and apply creative and complex problem-solving abilities and offering opportunities to complete cutting-edge research. It's life at a different altitude.

The Department of Computer and Cyber Sciences offers two ABET-accredited undergraduate majors – computer science and cyber science. Computer science emphasizes computing theory and software engineering; cyber science focuses on networks, computer forensics and cyber operations. Integrated throughout the curriculum is CyberCity, a 1:87 scale city with SCADA-controlled residential, industrial, and military infrastructure, allowing cadets to experience the kinetic impacts of cyber operations. The USAFA cyber science major was the first in the world to achieve ABET accreditation. Supporting the academic program is the Academy Center for Cyberspace Research, which conducts customer focused research and development in conjunction with industry partners in systems security, artificial intelligence and autonomous systems, immersive environments, and process automation.

DESIGNATIONS

- **CAE - Cyber Defense Education**
- **CAE - Cyber Operations**

CONTACT INFORMATION

HQ USAFA/DFCS
(719) 333-3590
DFCS.exec@usafa.edu

usafa.edu/department/computer-science

Cyber City