

# Cybersecurity (CYBR)

CSCE 58303 Computer Architecture Security

Total Hours

12

Jia Di

Head, Department of Computer Science and Computer Engineering

Program Director

504 J.B. Hunt Building

479-575-5723

Email: jdi@uark.edu

Brajendra Nath Panda

Graduate Coordinator

504 J.B. Hunt Building

479-575-6197

Email: bpanda@uark.edu

**Program Description:** The Cybersecurity Graduate Certificate prepares students to protect valuable data assets and develop cyber-centric multidisciplinary security skills for predicting and avoiding cyber threats.

**Program Description:** The Cybersecurity Graduate Certificate prepares students to protect valuable data assets and develop cyber-centric multidisciplinary security skills for predicting and avoiding cyber threats.

**Admission requirements:** Applicants to the Graduate Certificate in Cybersecurity program should have a Bachelor of Science degree in computer engineering, computer science, or other closely related degree from an accredited program. Applicants to the program whose transcripts do not show core courses relevant to the program to which they are applying will be assigned deficiency courses. The application is submitted to the Graduate School and must include transcripts, three letters of recommendation, a Statement of Purpose, and a Resume. To be considered for admission, applicants must comply with all requirements of the Graduate School and the following CSCE Department requirements:

- Have a GPA of 3.0 or better on previous academic work;
- Foreign applicants must also have either:
  - TOEFL (Test of English as a Foreign Language), or
  - IELTS (International English Language Testing System)

**Program Requirements:** Students are required to take 12 hours of coursework to complete the Cybersecurity Graduate Certificate.

Students who complete a B.S. degree in CSCE at the University of Arkansas, Fayetteville, with a cumulative GPA of 3.5 or greater may count up to 6 hours of CSCE graduate-level course work (5000 level) completed as an undergraduate student towards the graduate certificate. Students must submit the "Request for Retroactive Graduate Credit" form to the Graduate coordinator in their first semester of graduate study.

## Required Course

CSCE 53203	Computer Security	3
Choose 9 hours from the following courses:		9
CSCE 53303	Computer Forensics	
CSCE 53803	Malware Analysis	
CSCE 56203	Secure Digital System Design	
CSCE 56503	Network Security	
CSCE 57503	Wireless Systems Security	
CSCE 57603	Privacy Enhancing Technologies	
CSCE 57803	Cloud Computing and Security	