

DOCTOR OF ENGINEERING IN THE FIELD OF CYBERSECURITY ANALYTICS (STEM, ONLINE)

The doctor of engineering in the field of cybersecurity analytics program addresses the growing widespread need for practitioners who can learn advanced cybersecurity concepts and their applications.

This is a STEM designated program.

REQUIREMENTS

The following requirements must be fulfilled: 48 credits, including 24 credits in required courses and 24 credits in research culminating in a practice-based praxis.

Note: Throughout the program, students must take required courses in lockstep with the cohort of students with which they matriculated.

Code	Title	Credits
Required courses		
SEAS 8400	Challenges in Cybersecurity	
SEAS 8405	Cybersecurity Architectures	
SEAS 8410	Security Data Visualization and Analysis	
SEAS 8414	Cybersecurity Analytics Tools	
SEAS 8415	Applied Cryptography and Data Protection	
SEAS 8499	Praxis Development for Cybersecurity Analytics	
Research phase		
SEAS 8188	Praxis Research for Doctor of Engineering in Cyber Analytics (taken for a total of 24 credits)	

Additional requirements

1. Students must earn a minimum grade of B- in all courses and must achieve a minimum GPA of 3.2 at the completion of their coursework to advance to the research phase.
2. Students must complete the final examination on their praxis by preparing and defending their praxis before a committee of three faculty members. Students have a maximum of two attempts to pass the final defense.