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 Praxis research.

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
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<td></td>
<td><strong>Note:</strong> Throughout the program, students must take required courses in lockstep with the cohort of students with which they matriculated.</td>
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<tr>
<td><strong>Required</strong></td>
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<td>Coursework phase: 24 credits</td>
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<tr>
<td>CSCI 6015</td>
<td>Cyber Forensics</td>
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<tr>
<td>SEAS 8400</td>
<td>Challenges in Cybersecurity</td>
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<td>SEAS 8405</td>
<td>Cybersecurity Architectures</td>
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<td>SEAS 8410</td>
<td>Security Data Visualization and Analysis</td>
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<td>SEAS 8414</td>
<td>Analytical Tools for Cyber Analytics</td>
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<td>SEAS 8415</td>
<td>Applied Cryptography and Data Protection</td>
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<td>SEAS 8416</td>
<td>Python Tools for Cybersecurity</td>
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<td>SEAS 8499</td>
<td>Praxis Development for Cybersecurity Analytics</td>
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<td><strong>Praxis</strong></td>
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<td>Research phase: 24 credits</td>
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<td>SEAS 8188</td>
<td>Praxis Research for Doctor of Engineering in Cyber Analytics (taken for a total of 24 credits)</td>
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