The online Post-Baccalaureate Certificate in Cyber Security consists of a minimum of 12 credit hours. It is intended for professionals with a bachelor's degree in any field from an accredited institution who are interested in gaining state-of-the-art knowledge and skills in the application of information security and privacy to solve organizational problems. The program offers an innovative and relevant educational opportunity that reflects the changing information security and privacy environment of the 21st Century by incorporating the latest thinking and best practices in the field with a solid foundation in theory and proven principles. Additionally, the program provides knowledge and skills on all aspects of information security and privacy technologies, tools, methodologies, and management.

For information regarding deadlines and requirements for admission, please see https://grs.uncg.edu/programs/.

Certificate Program Requirements

**Required:** 12 credit hours

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ISM 665</td>
<td>Principles of Cyber Security</td>
<td>3</td>
</tr>
<tr>
<td>ISM 666</td>
<td>Blockchains and Cryptography</td>
<td>3</td>
</tr>
<tr>
<td>ISM 667</td>
<td>Global Cyber Threat Analysis</td>
<td>3</td>
</tr>
</tbody>
</table>

**Elective Course (3 credits)**

Select one course (3 credits) from the following:*  
ISM 645 Principles of Predictive Analytics  
ISM 646 Visualizing Data to Design Strategy  
ISM 647 Artificial Intelligence and Machine Learning Applications for Business  
ISM 670 IT Driven Disruptive Innovation Management  
ISM 671 Organizing Data for Analytics  
ISM 672 App Design and Programming  
ISM 673 Designing Secure Computer and IoT Networks for Business  
ISM 677 Information Systems Management  
ISM 678 Project Management for Dynamic Environments  
SCM 650 Principles of Supply Chain Management  
SCM 651 Analytics for Logistics and Distribution Management  
SCM 652 Strategic Cost, Procurement, and Supply Chain Finance

* Or other approved courses in consultation with the Graduate Program Director.