The Graduate Certificate in Cybersecurity Management provides an opportunity for student growth in the field of cybersecurity. The focus of the program is at the intersection of the business and technical aspects related to cybersecurity. Students will gain a broad technical knowledge of cybersecurity as well as an understanding of the alignment with and support of key business objectives. Students will understand the challenges of computer network security while ensuring the confidentiality, integrity, and availability of data. Further, they will be able to integrate policy, best practices, and strategies to address a broad range of challenges and threats, while balancing the development of a security environment that is usable, yet secure.

The courses included in the certificate are not offered every semester. Students should allow multiple semesters to complete all of the certificate requirements. Non-business students will need assistance registering for courses within Mays Business School. To request enrollment in one of these certificate courses, non-business students should submit a wait list request (http://www-info.tamu.edu/INFOWait/). Note in the comments area of the request that the certificate is being pursued.

Direct questions regarding the certificate to INFOStudentServices@mays.tamu.edu.

The certificate is open to any graduate student at Texas A&M University.

**Program Requirements**

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Semester Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ISTM 635</td>
<td>Business Information Security</td>
<td>3</td>
</tr>
<tr>
<td>ISTM 645</td>
<td>IT Security Controls</td>
<td>3</td>
</tr>
<tr>
<td>ISTM 655</td>
<td>Security Management and Compliance</td>
<td>3</td>
</tr>
</tbody>
</table>

Select one of the following: 3

- CSCE 652  Software Reverse Engineering
- CSCE 664  Wireless and Mobile Systems
- CSCE 665  Advanced Networking and Security
- CSCE 701 / CYBR 601  Foundations of Cybersecurity
- CSCE 713  Software Security
- CYBR 602 / Law and Policy in Cybersecurity
- CSCE 702
- CYBR 603 / Cybersecurity Risk
- CSCE 703
- CYBR 604 / Data Analytics for Cybersecurity
- CSCE 704
- CYBR 711 / Foundation of Modern
- CSCE 711  Cryptography
- ECEN 759 / Hardware Security
- CYBR 630
- MATH 470  Communications and Cryptography
- MATH 673  Information, Secrecy and Authentication I

Total Semester Credit Hours 12