

# CYBER SECURITY CONCENTRATION (MBA)

The MBA Concentration in Cyber Security provides graduate students within the Hankamer School of Business exposure to 'best practice' concepts, techniques and methodologies critical to insuring data security in corporate/organizational environments. Furthermore, it is targeted towards addressing recent calls from the academic literature and professional journals to treat cyber security as a strategic organizational function rather than a back-office technical function. The purpose of the Concentration is to provide business graduate students with the necessary skills to develop and/or manage organizational processes, strategies, methodologies, and technologies designed to mitigate risks to the confidentiality, integrity, and availability of organizational data and information-related resources for preparation to take cyber-security related management positions in industry and/or consulting practices.

Admission to the Cyber Security Concentration is contingent on admission into the Master of Business Administration (see requirements under Business School Admissions).

The Degree requirements are as follows:

| Code                                   | Title  | Hours |
|--|--|-------|
| <b>Required Framework Courses</b>      |  |       |
| BUS 5401                               | Business Frameworks  | 4     |
| <b>Required Core Courses</b>           |  |       |
| ACC 5300                               | Accounting Tools for Management Decision Making                                      | 3     |
| BUS 5101                               | Focus Firm I   | 1     |
| BUS 5111                               | Professional Career Development for First Semester Graduate Students                 | 1     |
| BUS 5112                               | Professional Career Development for Second Semester Graduate Students                | 1     |
| BUS 5390                               | Management Communication   | 3     |
| ECO 5340                               | Economic Tools for Management Decision Making  | 3     |
| FIN 5360                               | Seminar in Corporate Finance   | 3     |
| MGT 5310                               | Management of Organizational Behavior  | 3     |
| MGT 5320                               | Manufacturing and Service Operations   | 3     |
| MGT 5325                               | International Management   | 3     |
| MGT 5385                               | Strategic Management and Business Policy   | 3     |
| MKT 5310                               | Seminar in Marketing Strategy  | 3     |
| QBA 5330                               | Business Analytics for Decision Making   | 3     |
| <b>Cyber Security Courses</b>          |  |       |
| ISEC 5305                              | Seminar in Information Security Foundations  | 3     |
| ISEC 5320                              | Cyber Security Technology Factors  | 3     |
| Select two courses from the following: |  |       |
| ISEC 5310                              | Cyber Security Human Factors: Ethics, Integrity, Practices, Policies, and Procedures |       |
| ISEC 5330                              | Cybersecurity Policy and Planning  |       |
| ISEC 5340                              | Cyber Warfare, Threats, Vulnerabilities and Countermeasures                          |       |
| <b>Other MBA Requirements</b>          |  |       |

Select one of the following:

1-2

1-hour internship required for students without 2 years of full-time work experience

Students with more than 2 years can choose to take an elective.

Students who do not have an undergraduate degree in Business Administration will be required to take the following:

|         |                                     |     |
|---------|-------------------------------------|-----|
| BL 5104 | Business Foundations - Business Law | (1) |
|---------|-------------------------------------|-----|

|                    |  |              |
|--------------------|--|--------------|
| <b>Total Hours</b> |  | <b>50-51</b> |
|--------------------|--|--------------|