

Business Administration MBA, Cybersecurity Emphasis

Admission Requirements

The admissions decision is based on a combination of factors. Consideration is given to a candidate's academic record, scores on the Graduate Management Admissions Test (GMAT), work and leadership experience, a personal narrative on the application form and recommendation letters.

Applicants are generally required to submit Graduate Management Admissions Test (GMAT) scores. A waiver of GMAT requirement may be requested if applicants meet certain criteria. Please see petition to waive the GMAT: <http://mba.umsl.edu/files/pdfs/GMAT-waiver.pdf>.

Degree Requirements

Depending on the student's previous background, programs will require a minimum of 30 hours. Coursework must be completed within a maximum six-year period. At least 2/3 of coursework must be taken while enrolled as an MBA candidate at UMSL.

All students must satisfy the following requirements in professional written and oral communication, business law and ethics/ and social responsibility, economics, and business statistics. The Graduate Business Office in collaboration with department chairs will determine whether a student satisfies these requirements. In general:

The Professional and Written Communications skills requirement can be satisfied by **any one of the following**:

- Evidence of prior coursework
- Completion of BUS AD 5100

The Business Law and Ethics/Social Responsibility requirements can be satisfied by **any one of the following**:

- Evidence of prior coursework
- Completion of BUS AD 5900

The Economics requirement can be satisfied by **any one of the following**:

- Evidence of prior coursework
- Completion of BUS AD 5000
- Completion of Economics boot camp

The Statistics requirement can be satisfied by **any one of the following**:

- Evidence of prior coursework
- Completion of SCMA 5300
- Completion of Statistics boot camp

Assurance of Learning

All MBA students are required to participate in the BUS AD 6991 Graduate Business Assessment Testing class during their last semester. This learning assessment course is not for credit.

Business Core (18 credit hours)

The following courses or their equivalents are required of all degree candidates¹.

ACCTNG 5400	Financial and Managerial Accounting	3
FINANCE 6500	Financial Management	3
INFSYS 5800	Management Information Systems	3
MGMT 5600	Managing People in Organizations	3
MKTG 5700	Contemporary Marketing Concepts	3
SCMA 5310	Supply Chain Strategies	3

¹ Students with prior business degrees take advanced courses in each of the functional areas listed in the Business Core, as advised by the Graduate Business Advisors assigned to the students. Based on a formal review and evaluation by the Graduate Business Programs Office, students may be granted waivers in the Business Core section. Waivers depend on the applicability of, and performance in, prior coursework. Regardless of the number of courses waived, all students must complete at least 30 credit hours to earn the MBA degree.

Strategic Management Required (3 credit hours)

Take one of the following²:

BUS AD 6990	Strategy Formulation and Implementation	3
INTL BUS 5289	International Business Strategies	3
MGMT 4614	Entrepreneurship/Small Business Management	3

² Students with a non-business undergraduate degree are required to take BUS AD 6990 to satisfy the Strategic Management requirement.

Electives (9 credit hours)

Students may choose to pursue an Emphasis Area to satisfy the 9 credit hour Electives requirement **or** pursue an MBA with no emphasis area. No course may be used for more than one emphasis area. If no emphasis area is chosen, students have the flexibility to customize their MBA by choosing from a large collection of elective graduate courses within the College of Business Administration, in consultation with their Graduate Business academic advisor.

Emphasis Area Requirements

Master of Business Administration (MBA) students seeking an emphasis in Cybersecurity must complete a minimum of 9 hours of approved Cybersecurity electives beyond INFSYS 5800 (INFSYS 5800 does not count toward the emphasis in Cybersecurity). A maximum of 15 hours in any functional area will count toward degree requirements. Only courses that are substantially different from courses taken for credit in a student's undergraduate program will be acceptable.

List of approved Cybersecurity electives for the emphasis:

INFSYS 6828	Principles of Information Security	3
INFSYS 6836	Management of Data Networks and Security	3
INFSYS 6858	Advanced Cybersecurity Concepts	3
INFSYS 6862	Artificial Intelligence Applications for Business and Cybersecurity	3

INFSYS 6864	Applied Cryptography for Business Applications	3
INFSYS 6868	Software Assurance	3
INFSYS 6878	Management of Information Security	3
INFSYS 6888	Capstone in Information Security	3

A maximum of 15 hours in any functional area will count toward degree requirements. Only courses that are substantially different from courses taken for credit in a student's undergraduate program will be acceptable.