

| COURSEWORK: | M.S.I.S. with Digital Marketing | M.S.I.S. with Artificial Intelligence & Digital Marketing | M.S.I.S. with Business Intelligence & Digital Marketing |
|---|--|--|--|
| Required Core Course: | | | |
| MIS 601 Information Strategy and Management | X | X | X |
| MIS 701 Database Management Systems | X | X | X |
| MIS 703 Systems Analysis & Design | X | X | X |
| MIS 707 Risk Management or MIS 712 Information Systems and Network Security | X | X | X |
| MIS 711 Managing Systems Projects | X | X | X |
| MIS 717 Managing the Technological Enterprise or MIS 725 Distributed Enterprise Systems | X | X | X |
| Total Required Course Credit Hours | 18 | 18 | 18 |
| Required Concentration Courses: | | | |
| MIS 741 Artificial Intelligence, Automation and Analytics | - | X | - |
| MIS 745 Deep Learning ² | - | X | - |
| MIS 705 Advanced Business Analytics ² or MIS 70 ² Cases in Business Analytics ² | - | X | X |
| MIS 716 Business Intelligence | - | - | X |
| MIS 740 Data Science ² | - | - | X |
| MKT 717 Digital Marketing | X | X | X |
| MIS 719 Marketing Analytics ² or MIS 715 Mobile Applications & Business Strategies | X | X | X |
| MIS 741 Artificial Intelligence, Automation and Analytics or MIS 716 Business Intelligence | X | - | - |
| Total Concentration Credit Hours | 9 | 15 | 15 |
| Capstone Course (Choose one of the following): | | | |
| MIS 690 Graduate Information Systems Independent Study; MIS 790 Special Topics in Management Information Systems; MIS 796 Information Systems Internship; or, MIS 799 Master's Thesis Research Project | X | X | X |
| Total Capstone Course Credit Hours | 3 | 3 | 3 |
| Elective Courses: | | | |
| MIS 525 Introduction to Java Programming; MIS 535 Intro to Government Systems; MIS 550 Accounting Information Systems; MIS 611 Crowds, Social Media & Digital Collaboration; MIS 690 Graduate Information Systems Independent Study; MIS 702 Cases in Business Analytics ^{1, 2} ; MIS 705 Advanced Business Analytics ^{1, 2} ; MIS 707 Risk Management ¹ ; MIS 710 Health Information Systems; MIS 712 Information Systems & Network Security ¹ ; MIS 715 Mobile Applications & Business Strategies ^{1, 2} ; MIS 716 Business Intelligence ¹ ; MIS 717 Managing the Technological Enterprise ¹ ; MIS 725 Distributed Enterprise Systems ¹ ; MIS 719 Marketing Analytics ^{1, 2} ; MIS 730 Human Resource Information Systems; MIS 740 Data Science ^{1, 2} ; MIS 771 Information Systems Research Methods; MIS 785 Programming in Visual Basic With Visual Basic; MIS 790 Special Topics in Management Information Systems; MIS 741 Artificial Intelligence, Automation and Analytics ¹ ; and, MIS 745 Deep Learning ^{1, 2} . | X | X | X |
| Total Elective Course Credit Hours | 3 | 0 | 0 |
| Total Program Credits Hours | 33 | 36 | 36 |
| ¹ Serves as an elective if not serving as a required or concentration course. | | | |
| ² STA 501 is a prerequisite for MIS 702, MIS 705, MIS 719, MIS 740, and MIS 745. | | | |
| Successful completion of MIS 501, i.e., <i>Management Information Systems</i> , or its equivalent is a required criterion for program admission. | | | |