# TECHNOLOGY, INFORMATION SYSTEMS AND ANALYTICS (B.A.)

Technology, Information Systems and Analytics (TIS) refers to the use of computer-based systems to gather and analyze complex information about all aspects of a business. This information is used by managers to make business decisions. Students specializing in TIS frequently pursue career positions as business analysts, data base analysts, ERP specialists, social media specialist, web content manager, and information systems managers. The courses offered in the TIS program emphasize hands-on technical application of relevant software and coverage of content for course-related certification exams.

## Admission  Requirements

Students who meet the University requirements for regular admission are eligible for admission to the Mike Ilitch School of Business.

## Program Requirements

Candidates for the bachelor's degree must complete 120 credits including satisfaction of the degree requirements (http://bulletins.wayne.edu/undergraduate/general-information/bachelors-degree-requirements/). All course work must be completed in accordance with the academic rules of the University (http://bulletins.wayne.edu/undergraduate/general-information/) and those of the Mike Ilitch School of Business (http://bulletins.wayne.edu/undergraduate/school-business/academic-regulations/).

### Online Program

The Technology, Information Systems and Analytics B.A. and B.S. pathway program is available in a fully online format. This online pathway program is only available to students who earned an associate degree in business.

Students enrolled in a fully online major are limited to registering for courses listed in the Schedule of Classes with the Instructional Methods: Online — No Scheduled Meetings or Online — Scheduled Meetings. Students who are eligible to enroll in the online program will qualify for Michigan resident tuition rates, more details are available in the Academic Regulations section of the Undergraduate Bulletin.

Contact an advisor in the Mike Ilitch School of Business for more information about the online Information Systems Management B.A. and B.S. pathway program.

| Code | Title | Credits |
| --- | --- | --- |
| **Major courses** | | |
| Select two courses from the following list: | | 6 |
| TIS 5570 | Introduction to Business Analytics | |
| TIS 5860 | Data Communications and Networks | |
| TIS 5992 | Database Systems | |
| **Specialization courses** | | |
| Select three courses from one of the following two areas: | | 9 |
| Inbound information technology (IIT) specialist | | |
| TIS 5670 | Special Topics in Information Systems | |
| TIS 5705 | Inbound Information Technology | |
| TIS 5994 | Software Tools for Business Applications | |
| Enterprise architecture (EA) analyst | | |
| TIS 5200 | ERP Systems: Concepts and Practice | |
| TIS 5560 | Survey of e-Commerce | |
| TIS 5820 | Systems Analysis and Design | |
| TIS 5900 | Project Management | |
| **Capstone (required)** | | |
| TIS 6997 | Information Systems Policy and Management | 3 |
| **Supplemental** | | |
| TIS 4575 | IT Security | |
| TIS 4990 | Directed Study in Information Systems Management | |
| TIS 5530 | Ethics in Information Technology | |
| TIS 5890 | Internship in Information Systems | |
| **Total Credits** | | **18** |