

University of Indianapolis - School of Business

2025-2026 Curriculum Guide for Information Systems & Applied Business Analytics (ISA)

Bachelor of Arts or Science

Freshman Year

Semester I

- **ACCT 210** Financial Accounting (3)
- **BADM 100** Freshman Experience in Business (1)
- **ECON 110** Microeconomics (3)
- **Numerical Literacy (choose one of the following):**
 - **MATH 150** Finite Mathematics (4) *
 - **MATH 170** College Algebra (3)*
 - **MATH 180** College Algebra and Trigonometry (4) *
 - **MATH 190** Calculus and Analytic Geometry I (4) *

Semester II

- **ACCT 212** Managerial Accounting (3) *
- **CIS 151** Introduction to Information Systems & Applied Analytics (3)
- **MATH 220** Elementary Statistics (4) *
- Students must complete on-line, self-paced Microsoft Office Specialist (MOS) Excel badge during Semesters I or II during the freshman year.

Sophomore Year

Semester I

- **MKTG 290** Marketing (3)
- **SCM 210** Principles of Operations and Supply Chain Management (3)
- **CIS 355** Applied Analytics (3) *

Semester II

- **COMP 170** Advanced Spreadsheets (3) *
- **ECON 111** Macroeconomics (3)
- **Legal Environment of Business (choose one of the following):**
 - **BADM 230** Business Law (3)
 - **BADM 233** Business Law: Partnerships & Corporations (3)
- **CIS 356** Database Design (3) *

Junior Year

Semester I

- **BADM 350** Career and Employment Strategies (1)
- **SCM 304** Project Management (3) *
- **FIN 210** Finance (3)

Semester II

- **CIS 353** Programming Languages - SQL (3) *
- **CIS 351** Predictive Analytics (3) *
- **MGT 281** Management (3)

Senior Year

Semester I

- CIS 359 Applied Analytics Project (3) *

Semester II

- CIS 456 Information Systems & Analytics Senior Seminar (3) *
- BADM 439 Business Policy and Strategy (3) *

* See the Academic Catalog for course prerequisites

NOTES

- A grade of C- (1.7 on a 4.0 scale) or higher is required in all courses applying toward the Major. The Bachelor's degree requires a minimum of 120 hours.
- See the General Education Core Guide for additional course requirements.
- A student may complete more than one major as long as each major has at least 24 discrete hours. Please see the Academic Catalog for additional details.

REMEMBER: If you have any questions about the Information Systems & Applied Business Analytics Major (ISA) and its requirements, contact Mrs. Tynetta Muhammad, Academic Advisor in the School of Business (788-2057, muhhammadt@uindy.edu, Esch Hall, Room 232). Courses and requirements sometimes change so keep in contact with your advisor.