Degree Type – Bachelor of Business Administration (BBA)
Degree Title – Information Systems

This major is designed to prepare students with the business and computer-related knowledge necessary to enter a career in the information systems field. The Information Systems program allows students to combine functional business skills with technology skills for the development, implementation, management, and strategic direction of information systems. The program provides graduates with the necessary analytical, technical, and managerial background to function effectively in information systems organizational environments. Information Systems graduates will be able to implement, coordinate and direct information systems activities of an organization, including systems analysis, database administration and electronic records management, network data communications, business analytics, and project management.

STUDENT LEARNING OUTCOMES:

1. **Students will understand the role of the Information Systems department is to align Information Systems projects to the strategic goals of the company and to enhance organizational effectiveness.**
2. **Students will understand concepts needed to design and implement information systems infrastructure.**
3. **Students will be able to design and implement information systems infrastructure.**
4. **Students will be able to communicate effectively orally and in writing.**

A – GENERAL EDUCATION CORE – 42 HOURS

Students must fulfill the General Education Core requirements. The courses listed below satisfy both degree requirements and General Education Core requirements.

> **Required**

> > **Mathematics – 3 hours**

> > > MATH 1314 College Algebra

> > **Social and Behavioral Sciences – 3 hours**

> > > ECON 2301 Principles of Macroeconomics

> > **Integrative and Experiential Learning – 3 hours**
> > *Choose one from the following:*
> > > INFS 2398 Information Technology for Student Success and Career Development
> > > QUMT 2398 Decision Analytics

B – MAJOR REQUIREMENTS – 78 HOURS (60 advanced)

> **1 – Business Core – 48 hours (30 advanced)**

> > **a – Business Foundation – 18 hours**
> > > ACCT 2301 Introduction to Financial Accounting
> > > ACCT 2302 Introduction to Managerial Accounting
> > > INFS 2300 Data Modeling Management Tools
> > > ECON 2302 Principles of Microeconomics
> > > MGMT 1301 Introduction to Business
> > > QUMT 2341 Business Statistics I

> > **b – Advanced Business Core – 30 hours (30 advanced)**
> > > BLAW 3337 Business Law I
> > > QUMT 3341 Business Statistics II
> > > FINA 3380 Introduction to Finance

MARK 3300 Principles of Marketing
MGMT 3361 Principles of Management
MGMT 4389 Strategic Management
Choose one (Management Information Systems):
      INFS 3390 Management Information Systems
      ACCT 3326 Accounting Information Systems
Choose one (International Business):
      ACCT 3350 International Accounting
      ECON 3353 International Trade
      FINA 4381 International Finance
      INFS 3380 Global Information Technology
      INTB 3330 International Business
      MARK 3310 International Marketing
      MGMT 4311 International Management
Choose one (Ethics):
      ACCT 4350 Ethics for Accountants
      MARK 3330 Business Ethics and Corporate Social Responsibility
      MGMT 4304 Business and Society
Choose one (Business Communications):
      COMM 3313 Business and Technical Communication
      MARK 3320 Personal Branding and Communication
      MGMT 3335 Communication Policy and Strategy

2 – Information Systems Core – 30 hours (30 advanced)

a – Information Systems Foundation – 21 hours (21 advanced)

INFS 3308 Business Information Infrastructure
INFS 3310 Introduction to Business Programming
INFS 3335 Database Management
INFS 3336 Systems Analysis
INFS 3338 Computer Networks and the Internet
INFS 4308 Project Management
QUMT 4343 Quantitative Methods for Decision-Making in Business

b – Advanced Information Systems Core – 9 hours (9 advanced)
Choose from:
INFS 3300 Internship in Information Systems
INFS 3320 Organizational Information Assurance
INFS 3330 Business Process Logic
INFS 3395 ERP Implementation
INFS 4312 E-Commerce Design
INFS 4330 Business Intelligence
INFS 4340 Information Systems and Governance
INFS 4391 Information Security
INFS 4395 ERP Customization
INFS 4397 Health Computer Information Systems
INFS 4399 Special Topics in Information Systems

TOTAL CREDIT HOURS FOR GRADUATION – 120 HOURS

TOTAL ADVANCED HOURS – 60 HOURS

ADMISSION, PROGRESSION, AND GRADUATION REQUIREMENTS, if applicable:

Admission requirements

1. Student must complete all 18 hours of Business Foundation Courses, and a minimum of 15 General Education Courses including ECON 2301, before applying to CoBE.
2. Grades of 'C' or better in all Business Foundation courses.
3. Grade of 'C' or better in ECON 2301.
4. A minimum 2.5 GPA in combined General Education Core & Business Foundation completed coursework.

Progression requirements

Students must earn a grade of 'C' or better in all advanced (3xxx-4xxx) BBA-applicable courses in order to earn program credit towards this major. Students must maintain a minimum 2.5 GPA.

Graduation requirements

Students must have:
1. A minimum 2.5 GPA in combined Advanced Business Core & Information Systems Core coursework.
2. An overall minimum 2.5 GPA required.
3. In addition to the graduation requirements listed in the UTRGV 2015-2017 Undergraduate Catalog, demonstration of proficiency in a language other than English is required at the undergraduate level equivalent to a minimum of six credit hours. Proficiency can be demonstrated by a college credit exam, a placement test approved through the UTRGV Department of Writing and Language Studies, and/or up to six credit hours of college-level language coursework.