INFORMATION SYSTEMS

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Undergraduate BUSINESS

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WHY INFORMATION SYSTEMS?

Information Systems (IS) as an academic discipline which encompasses two broad areas: **acquisition, deployment and management of Information Technology (IT) resources** and services; and **development of Information Systems infrastructure** to support the organization's processes. A Bachelor of Business Administration (BBA) in Information Systems prepares you for a career in information systems by focusing on the use of current information technology within the context of an organization.

THE PROGRAM

Graduates with a BBA in Information Systems are knowledgeable in business core courses and applied computing. They not only have the necessary **managerial skills** to solve business problems in functional areas, but also **technical knowledge** to develop and support information systems of any scope.

COOPERATIVE EDUCATION

Information Systems students are encouraged to participate in the **Cooperative Education (Co-Op) program**. The IS Co-Op is an educational program in which student's alternate periods of academic study in the classroom with periods of IS employment. This combination provides an integrated learning experience that enhances both the academic experience and career development. Students are able to apply theoretical knowledge obtained in the classroom to practical situations in the workplace.

FACULTY

The Information Systems Faculty have a wide range of research interests and offer students the opportunity to work closely with them on exciting and challenging research projects. **Each student is assigned a faculty advisor** who will help them tailor their studies to prepare for a career in their area of interest. The Department also helps students build their professional network through the student organization, The Assocations for Information Systems.

INFORMATION SYSTEMS

THE BBA PROGRAM requires completion of **120 credit hours** of course work that includes university, college and Information Systems major requirements. Adhering to the recommended sequence below provides a balanced workload and ensures that students will have the proper prerequisites and knowledge for maximum benefit of these courses. Students will graduate from the program as a well-rounded professional with functional knowledge of each major business discipline.

FIRST YEAR

FIRST SEMESTER	CREDITS	SECOND SEMESTER	CREDITS
ENG 101 English I	3	ENG 102 English II	3
MTH 148 Mathematics for Business Majors I*	3	MTH 149 Mathematics for Business Majors II*	4
Natural Science with Lab**	4	Arts and Humanities elective I	3
ASC 101 Introduction to University Life	1	African-American Experience elective**	3
BUS 151 The World of Business	3	IST 203 Software Tools	3
TOTAL	**14**	**TOTAL**	**16**

SECOND YEAR

THIRD SEMESTER	CREDITS	FOURTH SEMESTER	CREDITS
BUS 201 Applied Business Statistics	3	OSM 202 Introduction to Business Analytics	3
ACT 221 Introduction to Accounting I	3	ACT 222 Introductory Accounting II	3
ECN 202 Principles of Microeconomics	3	ECN 201 Principles of Macroeconomics	3
IST 211 Fundamentals of System Development	4	GAD 250 Business Communication (W)	3
IST 305 Introduction to Information Systems	3	IST 311 Advanced Programming of Business Sys.	4
TOTAL	**16**	**TOTAL**	**16**

THIRD YEAR

FIFTH SEMESTER	CREDITS	SIXTH SEMESTER	CREDITS
MKT 301 Fundamentals of Marketing	3	MGT 321 Organizational Behavior	3
IST 321 Systems Analysis Methods	3	FIN 351 Introduction to Financial Management	3
IST 331 Database Design and Implementation	3	OSM 311 Introduction to Operations Management	3
BUS 351 Business, Society and Government (W) *or* BLW 411 Business Law and Ethics (W)	3	IST 341 Mgmt. of Business Network	3
IST elective	3	IST elective	3
TOTAL	**15**	**TOTAL**	**15**

FOURTH YEAR

SEVENTH SEMESTER	CREDITS	EIGHTH SEMESTER	CREDITS
IST 420 Project Management for Information Systems	3	MGT 465 Management, Strategy and Policy (W)	3
IST elective	3	IST 465 Capstone Project	4
US Diversity elective**	3	Arts and Humanities elective II	3
Social Science elective (must be non-western focus)	3	IST elective	3
Natural Science elective**	3		
TOTAL	**15**	**TOTAL**	**13**

INFORMATION SYSTEMS MAJORS

A minimum grade of "C" or higher is required in all INFORMATION SYSTEMS major related courses, if a grade below a "C" is earned the course(s) must be repeated.

- *The Analytical Geometry and Calculus sequence (MTH 181-182) may be substituted for the Mathematics for Business Majors sequence (MTH 148-149).
- **Before choosing electives, students should consult an advisor.
- (W) Counts as a Writing Across the Curriculum course for university graduation requirements (only if taken at CSU). Students must earn a grade of "C" or better in order to receive Writing Across the Curriculum credit.