

# INFORMATION SYSTEMS, BBA

## Bachelor of Business Administration in Information Systems (650004BBA)

More on the Information Systems major (<https://www.uakron.edu/cba/undergraduate/majors/information-systems.dot>)

You will earn a degree from a globally recognized business school where the programs are taught by an accomplished and dedicated faculty and are supported by a network of business executives. You can major in a wide variety of interesting disciplines that are attractive to prospective employers. As a graduate, you will have leadership and collaboration competencies and be a data savvy, globally aware, enterprise thinker.

### Requirements for Admission

- 2.5 average cumulative
- English Composition I and II (ENGL 111 & ENGL 112)
- Speech requirement (COMM 105 or COMM 106)
- College Algebra (MATH 145) or Calculus with Business Applications (MATH 210)
- Principles of Microeconomics (ECON 200) or Principles of Macroeconomics (ECON 201)
- One of the following courses:
  - Accounting Principles I (ACCT 201)
  - Spreadsheet Modeling & Decision Analysis (ACCT 250)
  - Introduction to Entrepreneurship (ENTRE 201)
  - Legal & Social Environment of Business (BLAW 220)
  - Marketing Principles (MKTG 205)

#### College of Business Undergraduate Programs

<http://www.uakron.edu/business/advising> (<http://www.uakron.edu/business/advising/>)  
(330) 972-7042  
[businessadvising@uakron.edu](mailto:businessadvising@uakron.edu)  
College of Business room 260

The following information has official approval of **The Department of Management** and **The College of Business Administration**, but is intended only as a supplemental guide. Official degree requirements are established at the time of transfer and admission to the degree-granting college. Students should refer to the Degree Progress Report (Stellic) which is definitive for graduation requirements. *Completion of this degree within the identified time frame below is contingent upon many factors, including but not limited to: class availability, total number of required credits, work schedule, finances, family, course drops/withdrawals, successfully passing courses, prerequisites, among others.* The transfer process is completed through an appointment with your academic advisor.

**Three year accelerated option:** for first time students who have earned credits for at least the first year of courses. Credits can be earned through qualifying scores on appropriate Advanced Placement (AP) exams or through [College Credit Plus](#) Program (CCP) courses. Credits for qualifying AP scores or CCP courses are determined by the appropriate academic department. Departments may assign varied course credit, depending on the student's score on an AP exam or [grade in a CCP](#) course. Students may also receive credit by examination or via placement tests, where appropriate.

### Requirements Summary

Code	Title	Hours
	General Education Requirements ( <a href="https://bulletin.uakron.edu/undergraduate/general-education/">https://bulletin.uakron.edu/undergraduate/general-education/</a> )	36
	Additional Business Requirements	3-4
	College of Business Core	42
	Information Systems Requirements	30-31
	Additional Credits for Graduation *	9-7
<b>Total Hours</b>		<b>120</b>

\* This major requires a minimum of 120 completed credit hours.

### Recommended General Education Courses

Code	Title	Hours
Students pursuing a bachelor's degree must complete the following General Education coursework. Diversity courses may also fulfill major or Breadth of Knowledge requirements. Integrated and Applied Learning courses may also fulfill requirements in the major.		
Students are not required to enroll in the specific courses listed below. However, to facilitate successful degree completion, the academic department strongly encourages completion of the following recommendations.		
<b>Academic Foundations</b>		<b>12</b>
<i>Mathematics, Statistics and Logic: 3 credit hours</i>		
MATH 145	Algebra for Calculus	
<i>Speaking: 3 credit hours</i>		
COMM 105	Introduction to Public Speaking	
	or COMM 106	
	Effective Oral Communication	
<i>Writing: 6 credit hours</i>		
ENGL 111	English Composition I	
ENGL 112	English Composition II	
<b>Breadth of Knowledge</b>		<b>22</b>
<i>Arts/Humanities: 9 credit hours</i>		
<i>Natural Sciences: 7 credit hours</i>		
<i>Social Sciences: 6 credit hours</i>		
ECON 200	Principles of Microeconomics	
SOCIO 100	Introduction to Sociology	
<b>Diversity</b>		
Domestic Diversity		
SOCIO 100	Introduction to Sociology	
Global Diversity		
<b>Integrated and Applied Learning</b>		<b>2</b>
<i>Select one class from one of the following subcategories:</i>		
Complex Issues Facing Society		
Capstone		
<i>Review the General Education Requirements page for detailed course listings.</i>		
<b>Total Hours</b>		<b>36</b>

## Additional Business Requirements

Code	Title	Hours
<b>General Education Mathematics Requirement</b>		
MATH 145	Algebra for Calculus	4
<b>Required Business Courses</b>		
BUSN 110	College of Business Success Seminar <sup>1</sup>	
BUSN 111	Professional Development Seminar	
<b>Recommended Business Courses</b>		
BUSN 200	Personal Leadership Skills	
<b>Total Hours</b>		<b>4</b>

<sup>1</sup> Only required for new first-year students. Transfer students are excluded from this requirement.

## College of Business Core <sup>1</sup>

Code	Title	Hours
ECON 201 or ECON 244	Principles of Macroeconomics <sup>2</sup> Introduction to Economic Analysis	3
BUSN 230 or COMM 235	Business Communication Business and Professional Communication	3
ACCT 201	Accounting Principles I	3
ACCT 202	Accounting Principles II	3
ACCT 250	Spreadsheet Modeling & Decision Analysis	3
BLAW 220	Legal & Social Environment of Business	3
FIN 301	Principles of Finance	3
MGMT 304	Business Statistics	3
MGMT 201	Management: Principles & Concepts	3
MGMT 305	Business Analytics	3
MGMT 490	Strategic Management	3
SCM 330	Principles of Supply Chain and Operations Management	3
MKTG 205	Marketing Principles	3
INTB 205	International Business	3
<b>Total Hours</b>		<b>42</b>

<sup>1</sup> Student must also have a minimum cumulative GPA of 2.0 across the College of Business Core.

<sup>2</sup> Students cannot get credit for both ECON 201 and ECON 244.

## Information Systems Requirements

Code	Title	Hours
<b>Management Core</b>		
MGMT 302	Organizational Behavior & Leadership Skills	3
ISM 310	Business Information Systems	3
<b>Concentration Requirements</b>		
ISM 315 or CPSC 210	Applications Development for Business Processes Computer Science II	3-4
ISM 324	Database Management for Information Systems	3
ISM 325	Systems, Analysis, & Design	3
ISM 420	Data Networks and Security <sup>1</sup>	3
ISM 425	Decision Support with Data Warehousing & Data Mining <sup>1</sup>	3

ISM 427	Systems Integration <sup>1</sup>	3
ISM 428	Systems Development Project <sup>1</sup>	3
<b>Information Systems Electives</b>		<b>3</b>
<i>Select one of the following:</i>		
CPSC 316	Data Structures	
CPSC 389	Intermediate Topics in Computer Science	
CPSC:4xx		
BUSN 495	Internship in Business Administration	
ACCT 454	Information Systems Security	
SCM 333	Supply Chain and Operations Analysis	
HRM 341	Human Resource Management	
ISM 488	Internship in Information Systems	
<b>Total Hours</b>		<b>30-31</b>

<sup>1</sup> Must be admitted to 4 year degree granting major.

## Graduation Requirements – Review Stellar for Status

- 120 Credit Hours
- College of Business [residency](#) **Residency** = Last 15 credits earned in the College of Business
- UA Residency = Students must complete their final 30 credits in residence at The University of Akron
- At least 50% of the business core and major course requirements must be earned at The University of Akron
- Overall GPA = 2.3
- Major GPA = 2.0
- Business & Economics GPA = 2.0
- [Business Core Classes GPA = 2.0](#)

## Recommended Sequence

### 1st Year

Fall Semester	Hours	
BUSN 110	College of Business Success Seminar	1
ENGL 111	English Composition I	3
MATH 145	Algebra for Calculus	4
COMM 105 or COMM 106	Introduction to Public Speaking or Effective Oral Communication	3
SOCIO 100	Introduction to Sociology	3
	Humanities Requirement	3
	<b>Hours</b>	<b>17</b>

### Spring Semester

BUSN 111	Professional Development Seminar	1
ENGL 112	English Composition II	3
	Arts/Humanities Requirement	3
	Global Diversity Requirement	3
	Arts Requirement	3
	Natural Science Requirement with Lab	4
	<b>Hours</b>	<b>17</b>

### 2nd Year

#### Fall Semester

ECON 200	Principles of Microeconomics	3
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ACCT 201	Accounting Principles I	3
ACCT 250	Spreadsheet Modeling & Decision Analysis	3
BLAW 220	Legal & Social Environment of Business	3
MKTG 205	Marketing Principles	3
<b>Hours</b>		<b>15</b>
<b>Spring Semester</b>		
ECON 201	Principles of Macroeconomics	3
BUSN 230 or COMM 235	Business Communication or Business and Professional Communication	3
ACCT 202	Accounting Principles II	3
MGMT 201	Management: Principles & Concepts	3
INTB 205	International Business	3
<b>Hours</b>		<b>15</b>
<b>3rd Year</b>		
<b>Fall Semester</b>		
MGMT 304	Business Statistics	3
ISM 310	Business Information Systems	3
ISM 315	Applications Development for Business Processes	3
ISM 324	Database Management for Information Systems	3
::Free Elective		3
<b>Hours</b>		<b>15</b>
<b>Spring Semester</b>		
MGMT 305	Business Analytics	3
SCM 330	Principles of Supply Chain and Operations Management	3
ISM 325	Systems, Analysis, & Design	3
ISM 420	Data Networks and Security	3
	Natural Science Requirement	3
<b>Hours</b>		<b>15</b>
<b>4th Year</b>		
<b>Fall Semester</b>		
FIN 301	Principles of Finance	3
ISM 425	Decision Support with Data Warehousing & Data Mining	3
	ISM Elective	3
	Free Elective	3
	Free Elective	3
<b>Hours</b>		<b>15</b>
<b>Spring Semester</b>		
MGMT 490	Strategic Management	3
ISM 427	Systems Integration	3
ISM 428	Systems Development Project	3
	Free Elective	3
<b>Hours</b>		<b>12</b>
<b>Total Hours</b>		<b>121</b>