

This form is a planning tool only— Consult your degree audit on MyUI to see all degree requirements.
Potential substitute course options, commonly used by dual program of study students, are listed on the Course Catalog for this major.

General Education (21– 31 s.h.)		<i>s.h.</i>
World Language: 4th level in one language, 2nd level in two languages or 3rd level in one language plus an approved WLCE		0-10
Historical Perspectives		3
Interpreting Literature		3
Natural Sciences (<i>lab not required</i>)		3
Values & Society		3
International & Global Issues		3
Social Sciences (<i>excluding ECON:1100 & ECON:1200</i>)		3
Understanding Cultural Perspectives		3
Prerequisites Required for standard admission (18 s.h.)		
RHET:1030 Rhetoric required General Education course		4
MATH:1350 Quant. Reasoning for Bus. (MATH:1005 w/ C– or ALEKS 55)		4
STAT:1030 Statistics for Business		4
ECON:1100 Principles of Microeconomics		4
BAIS:1500 Business Technology & AI		2
Business Core Part I Required to declare major (7 s.h.)		
ECON:1200 Principles of Macroeconomics		4
ACCT:2100 Introduction to Financial Accounting (<i>full-time semester of college-level coursework</i>)		3
Business Core Part II (26 s.h.)		
ACCT:2200 Managerial Accounting Analytics & Data Visualization (ACCT:2100, ECON:1100, MATH:1350)		3
BUS:2200 Discover Business at Tippie (<i>admission to Tippie</i>)		1
BAIS:3005 Information Systems (BAIS:1500 or CS:1020) 8 weeks		2
BAIS:2800 Foundations of Business Analytics (MATH:1350, STAT:1030, BAIS:1500)		3
MGMT:2000 Introduction to Law (30 s.h.)		3
FIN:3000 Introductory Financial Management (ACCT:2100, ECON:1100, ECON:1200)		3
MGMT:2100 Introduction to Management (30 s.h.)		3
MKTG:3000 Introduction to Marketing Strategy		3
BAIS:3000 Operations Management (STAT:1030) 8 weeks		2
BUS:3000 Business Communication & Professionalism (RHET:1030, admission to Tippie)		3
Tippie RISE (0-3 s.h.)		
<i>Complete at least one of the following; see degree audit for course options</i>		
Research with Faculty		0-3
Internship Course (<i>i.e. BUS:3100 S/U graded or CCP:1201 S/U graded</i>)		0-3
Study Abroad		3
Experiential Course (<i>must be completed at UI</i>)		3

BAIS Major Requirements (22 s.h. total)	
<i>Two-thirds of the major s.h. must be completed in BAIS and UI.</i>	
Common requirements (16 s.h.)	
	<i>s.h.</i>
BAIS:3050 BAIS Professional Preparation S/U graded	1
BAIS:3020 Computational Thinking (BAIS:3005 or CS:2110)	3
BAIS:3200 Database Mgmt. (BAIS:3005)	3
BAIS:3250 Data Wrangling (BAIS:2800, 3020 & 3200)	3
BAIS:3500 Data Mining (BAIS:2800, 3020 & 3200)	3
BAIS:4150 BAIS Capstone (BAIS:3250, BAIS:3500, BUS:3000 & ACCT:2200) ^{RISE}	3
BAIS major electives (6 s.h.)	
BAIS:3025 Business Process Automation (BAIS:3005) fall only	3
BAIS:3070 Business Analytics & Information Systems Topics (BAIS:3020 or CS:1210 or CS:2110) offered intermittently	3
BAIS:3100 Accounting Info. Systems (ACCT:2200, BAIS:3005)	3
BAIS:3140 Information Visualization (BAIS:2800 & 3005) fall only	3
BAIS:3150 Emerging Tech. Driving Business Innovation spring only	3
BAIS:3300 Digital Product Management (BAIS:3020 & 3200) spring only	3
BAIS:3400 Cloud Computing (BAIS:3005)	3
BAIS:3600 Data Engineering (BAIS:3020 & BAIS:3200) offered intermittently	3
BAIS:3800 Optimization & Simulation Modeling (BAIS:2800)	3
BAIS:4220 Adv. Database Mgmt. & Big Data (BAIS:3200) spring only	3
BAIS:4280 Cybersecurity (BAIS:3005) typically spring only	3
BAIS:4540 Statistical Learning	3
ECON:3300 Introduction to Econometrics: Causal Inference	3
ECON:3355 Econ. & Bus. Forecasting (ECON:1100, 1200, & 3300)	3
MKTG:3102 Marketing Analytics (MKTG:3100)	3
CS:1210 or any CS course for which CS:1210 is a prerequisite	3
BAIS Major Toolkit: meet the major, BAIS resources, etc.	
Toolkit URL: https://guides.lib.uiowa.edu/bais	

College of Liberal Arts and Sciences DOES NOT ALLOW:
The College of Liberal Arts & Sciences does NOT allow students earning a BBA in Business Analytics & Information Systems to also earn a BA, BS, or minor in Informatics.

Sample Four-Year Plan

First Year (0-29 s.h.)

1 st Semester	s.h.	2 nd Semester	s.h.
MATH:1350 Quantitative Reasoning for Business	4	STAT:1030 Statistics for Business	4
RHET:1030 Rhetoric	4	ECON:1200 Principles of Macroeconomics	4
ECON:1100 Principles of Microeconomics	4	BAIS:1500 Business Technology & AI	2
BUS:2200 Discover Business at Tippie	1	General education	3
General education	3	General education	3
CSI:1600 Success at Iowa	1		16
	17		

Second Year (30-59 s.h.)

1 st Semester	s.h.	2 nd Semester	s.h.
ACCT:2100 Introduction to Financial Accounting	3	BAIS:3050 BAIS Professional Preparation	1
BAIS:2800 Foundations of Business Analytics	3	ACCT:2200 Managerial Acct. Analytics & Data Visualization	3
MGMT:2100 Introduction to Management	3	BAIS:3005 Information Systems	2
General Education	3	BAIS:3000 Operations Management	2
General Education	3	BUS:3000 Business Communication & Professionalism	3
	15	General Education	3
			14

Third Year (60-89 s.h.)

1 st Semester	s.h.	2 nd Semester	s.h.
BAIS:3200 Database Management	3	BAIS:3250 Data Wrangling	3
BAIS:3020 Computational Thinking	3	BAIS Elective	3
MGMT:2000 Introduction to Law	3	FIN:3000 Introductory Financial Mgmt.	3
General Education	3	Minors; certificates ; non-business; electives	3
Minors; certificates ; non-business; electives	3	Minors; certificates ; non-business; electives	3
	15	Non-business; electives	1
			16

Fourth Year (90-120 s.h.)

1 st Semester	s.h.	2 nd Semester	s.h.
BAIS:3500 Data Mining	3	BAIS:4150 BAIS Capstone	3
BAIS Elective	3	Minors; certificates ; non-business; electives	3
MKTG:3000 Introduction to Marketing Strategy	3	Minors; certificates ; non-business; electives	3
Minors; certificates ; non-business; electives	3	Minors; certificates ; non-business; electives	3
Non-business; electives	2	Non-business; electives	1
	14		13

*Students are required to complete 52 s.h. of non-business course work. Courses with a prefix of ACCT, BAIS, BUS, ECON, ENTR, FIN, MGMT, MSCI, MKTG will not count towards non-business hours. Check degree audit at #8.

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Notes: