Business Analytics & Information Systems

Tippie College of Business

IWA

Fall 2021, Spring 2022, & Summer 2022

Tippie.uiowa.edu/advising

This form is a planning tool only— Consult your degree audit on MyUI to see all degree requirements.

General Education (21–31 s.h.)	s.h.
World Language: 4th level in one language or 2nd level in two languages	0-10
Historical Perspectives	3
Interpretation of Literature	3
Natural Sciences (lab not required)	3
Diversity & Inclusion	3
Required for students admitted to the UI starting FA21 or later	3
Values & Culture	3
International & Global Issues	3
Social Sciences (excluding ECON:1100 & ECON:1200)	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 (MATH:1005 or higher)	4
ECON:1100 Principles of Microeconomics	4
BAIS:1500 Business Computing Essentials	2
Business Core Part I Required to declare major (7 s.h.)	
ECON:1200 Principles of Macroeconomics	4
ACCT:2100 Introduction to Financial Accounting	
(Tippie students: 15 s.h.; non-Tippie students: 30 s.h.)	3
Business Core Part II (26 s.h.)	
ACCT:2200 Managerial Account. (ACCT:2100, ECON:1100, MATH:1350)	3
BUS:2200 Foundations for Success in Bus. (req. for FA20 admits or later) S/U graded	1
MGMT:2000 Intro. to Law (30 s.h.)	3
MGMT:2100 Intro. to Management (30 s.h.)	3
BAIS:2800 Foundations of Business Analytics	3
(MATH:1350, STAT:1030, BAIS:1500)	5
BAIS:3005 Information Systems (BAIS:1500 or CS:1020) 8 weeks	2
BAIS:3000 Operations Mgmt. (STAT:1030) 8 weeks	2
FIN:3000 Intro. Financial Mgmt. (ACCT:2100, ECON:1100 & 1200)	3
MKTG:3000 Intro. to Marketing Strategy	3
BUS:3000 Bus. Comm. & Protocol (RHET:1030, admission to Tippie)	3
Tippie RISE (0-3 s.h.)	
Complete at least one of the following; see degree audit for course options	
Research with Faculty	0-3
Internship Course (i.e. BUS:3100 S/U graded or CCP:1201 S/U graded)	0-3
Study Abroad	3
Experiential Course	3

Standard Admission Requirements

- Complete pre-requisites with passing grade
- Earn a UI, cumulative, and prerequisite GPA of 2.75 or higher
- Earn 24 semester hours (UI or transfer)
- Apply through Change of College Application in MyUI by October 1 for spring admission and March 1 for fall admission
- Complete Standard Admit Pre Admission Requirement

BAIS Major Requirements (22 s.h. total)	
Two-thirds of the major s.h. must be completed at UI.	s.h.
Common requirements (16 s.h.)	
BAIS:3050 BAIS Professional Preparation	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:3100 Accounting Info. Systems (ACCT:2200, BAIS:3005)	3
BAIS:3140 Information Visualization (BAIS:2800 & 3005) fall only	3
BAIS:3300 Digital Product Management (BAIS:3020 & 3200) spring only	3
BAIS:3400 Cloud Computing (BAIS:3005) fall only	3
BAIS:3800 Optimization & Simulation Modeling (BAIS:2800)	3
BAIS:4220 Adv. Database Mgmt. & Big Data (BAIS:3200) spring only	3
BAIS:4280 Cyber Security (BAIS:3005) spring only	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

Sample Four-Year Plan

First Year (0-29 s.h.)							
1 st Semester MATH:1350 Quantitative Reasoning for Business RHET:1030 Rhetoric General education General education CSI:1600 Success at Iowa	s.h.2nd Semester4STAT:1030 Statistics for Business4ECON:1100 Principles of Microeconom3BAIS:1500 Business Computing Essen3General education2I6		s.h. 4 4 2 3 3 16				
Second Year (30-59 s.h.)							
1 st Semester ACCT:2100 Intro. to Financial Accounting ECON:1200 Principles of Macroeconomics BAIS:3005 Information Systems BAIS:3000 Operations Mgmt. BUS:2200 Foundations for Success in Business General Education	s.h. 3 4 2 2 1 3 15	2 nd Semester BAIS:3050 BAIS Professional Preparation ACCT:2200 Managerial Accounting BAIS:2800 Foundations of Business Analytics MGMT:2100 Intro. to Management General Education General Education**	s.h. 1 3 3 3 3 16				
Third Year (60-89 s.h.)							
1 st Semester BUS:3000 Bus. Comm. and Protocol BAIS:3200 Database Mgmt. BAIS:3020 Computational Thinking MGMT:2000 Intro. to Law Minors; certificates; non-business; electives*	<u>s.h.</u> 3 3 3 3 3 <u>3</u> 15	2 nd Semester BAIS:3250 Data Wrangling BAIS elective FIN:3000 Intro. Financial Mgmt. Minors; certificates; non-business; electives Minors; certificates; non-business; electives Minors; certificates; non-business; electives	s.h. 3 3 3 2 2 2 16				
Fourth Year (90-120 s.h.)							
1 st Semester BAIS:3500 Data Mining BAIS elective MKTG:3000 Intro. to Marketing Strategy Minors; certificates; non-business; electives Minors; certificates; non-business; electives	s.h. 3 3 2 2 13	2 nd Semester BAIS:4150 BAIS Capstone Minors; certificates; non-business; electives Minors; certificates; non-business; electives Minors; certificates; non-business; electives Minors; certificates; non-business; electives	s.h. 3 3 2 2 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.

**Diversity and Inclusion General Education- Required for students admitted to the UI starting FA21 or later

Notes

Review Degree Audit	Completed Hours	Hours in Progress	Remaining
#2 120 sh			
#4 48 sh Business			
#6 24 sh UI Business			
#8 52 sh non-bus.			
#11 45 sh Residence			