

SAMPLE DEGREE PLAN

Bachelor of Science, Applied Data Analytics

This degree program requires a total of **120 credit hours (CH)**, including **38 credit hours of the lower-division (LD) UCA Core** and **40 credit hours of upper-division (3000- and 4000-level) courses**. This sample degree plan demonstrates how a first-time entering freshman with no college credit can earn the degree in eight semesters. The upper-division UCA Core must be met using major, minor, or general elective courses. For general and specific degree requirements, please see the *Undergraduate Bulletin* at <https://uca.edu/ubulletin>. Consult your academic advisor for appropriate substitutions and additional information.

This degree is offered as an eight-semester degree completion program. Eligible students who follow this degree plan and complete all general and specific degree requirements in the *Undergraduate Bulletin* of the year in which they were admitted will earn this degree in eight semesters. For eligibility requirements, see <https://uca.edu/ubulletin/degreeplans/> for more information.

Year 1

Fall — Semester 1		Spring — Semester 2	
Courses	CH	Courses	CH
WRTG 1310 Introduction to College Writing or Other approved Writing Foundation alternative	3	WRTG 1320 Academic Writing & Research or ENGL 1320 Interdisciplinary Writing & Research or Other approved Research and Writing alternative	3
LD UCA Core Course	3	LD UCA Core Lab Science	4
CISA 1300 Business Computing or LD UCA Core First Year Seminar	3	CISA 1300 Business Computing (if not taken) or LD UCA Core First Year Seminar	3
MATH 1395 Business Math or Other LD UCA Core Course	3	MATH 1395 Business Math (if not taken) or Other LD UCA Core Course	3
ECON 2310 Global Environment of Business or Other LD UCA Core Course	3	ECON 2310 Global Environment of Business (if not taken) or Other LD UCA Core Course	3
Total	15	Total	16

Year 2

Fall — Semester 3		Spring — Semester 4	
Courses	CH	Courses	CH
ECON 2320 Principles of Macroeconomics or ECON 2321 Principles of Microeconomics	3	ECON 2320 Principles of Macroeconomics or ECON 2321 Principles of Microeconomics	3
CISA 2330 Business Statistics or MGMT 2301 Business Communications	3	CISA 2330 Business Statistics or MGMT 2301 Business Communications	3
ACCT 2309 Principles of Managerial Accounting or ACCT 2310 Principles of Financial Accounting	3	CISA 3300 Introduction to Computer Architecture and Programming	3
LD UCA Core Lab Science	4	ACCT 2321 Legal Environment of Business	
General Elective	3	General Elective	3
Total	16	Total	15

Year 3

Fall — Semester 5		Spring — Semester 6	
Courses	CH	Courses	CH
CISA 3321 Managing Systems and Technology	3	MGMT 3340 Managing People and Work	3
CISA 3343 Advanced Spreadsheets	3	CISA 4320 Critical Thinking and Experimental Design	3
CISA 3335 Data Analysis Using Python	3	CISA 3365 Database Applications	3
MKTG 3350 Principles of Marketing or MGMT 3344 Operations & Supply Chain Management	3	CISA 4381 Data Mining and Applied Analytics	3
CISA 3328 System Analysis & Design	3	General Elective	3
Total	15	Total	15

Year 4

Fall — Semester 7		Spring — Semester 8	
Courses	CH	Courses	CH
CISA 4380 Business Intelligence	3	CISA 4355 Project Management	3
FINA 3330 Managing Finance and Capital or General Elective	3	FINA 3330 Managing Finance and Capital or General Elective	3
CISA 3V82 Internship or Any Upper-Division CISA Course or WRID 3310 Technical Writing	3	CISA 4330 Prescriptive Analytics	3
CISA 4379 Data Visualization	3	General Electives	4
CISA 4325 Predictive Analytics or ECON 3335 Econometrics, or MKTG 4353 Marketing Research and Data Management	3		
Total	15	Total	13

This sample degree plan has been approved by the Department of Computer Information Systems and Analytics in the College of Business.

Geoffrey Hill

05/19/25

SIGNED – DEPARTMENT CHAIR / SCHOOL DIRECTOR

DATE

Mike Casey

05/19/25

SIGNED – COLLEGE DEAN

DATE