INFORMATION SCIENCE

Bachelor of Science in Information Science

Shape the future of information.

With emphasis areas in **Data Science** and **Interactive and Immersive Technologies**, the University of Arizona's on-campus, STEM-designated Bachelor of Science in Information Science (BSIS) equips you with the versatile, cross-disciplinary skills you need to solve society's most critical information challenges.

At the UArizona School of Information, you'll gain the hands-on computational, mathematical and technological foundation you need to analyze and extend the digital world, opening the door to a wide variety of careers at the intersection of information, people and technology.

WHAT YOU'LL LEARN

- Computational thinking to solve a wide range of information and data challenges
- Collection, manipulation, analysis and interpretation of different types of data at different scales
- Research methods and presentation skills for data and information science
- Information and communication programming, technologies and tools and the implications of their uses
- Scientific and social uses of information
- Social, cultural and economic implications of digital life and culture
- Recognition and analysis of ethical and policy concerns raised by new technologies
- Effective communication across cultures and with diverse peoples and groups
- How to craft effective, ethical solutions for data and information challenges

CAREER POSSIBILITIES

BSIS graduates are ready to excel in a wide variety of in-demand positions, including:

- Application or systems analyst
- Database administrator
- Data scientist or engineer
- Digital artist
- Digital repository specialist
- Information architect
- Information security or cybersecurity analyst
- Software developer or engineer
- Web programmer

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EMPHASIS AREAS
Data Science
Interactive & Immersive Technologies

#17
Bachelor's in Information Technology Degree Program
BachelorsDegreeCenter.com

$93K
Average salary for information science bachelor's graduates*

* Average salary for information science bachelor's degree graduates according to Zippia, January 2024.

> *I chose the BS in Information Science at the iSchool because it gives me the flexibility to explore the things I am most interested in. I don't know of any other program or college that affords its students such flexibility.*
>
> – Kapua Ioane
> BS in Information Science '23

Ready to shape the future of information?

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THE UNIVERSITY OF ARIZONA
School of Information

BACHELOR OF SCIENCE IN INFORMATION SCIENCE

SAMPLE FOUR-YEAR PLAN

120 units are required for graduation. A minor with a minimum of 18 units, or a double major, is required.

In addition to the required foundation, general education and minor or double major courses, plus five core courses taken in the first two years, BSIS students select one of two emphasis areas—**Interactive and Immersive Technologies**, or **Data Science**—requiring 15 units. BSIS students must also meet the following additional requirements to complete the degree: 3 units from Computational Arts and Medias; 3 units from Society; a Research Methods course (ESOC 302); 3 units of Engagement: either independent study, directed research, an internship or ESOC 480: Digital Engagement; and the 3-unit Senior Capstone (ISTA 498).

YEAR 1

FALL		SPRING	
ENGL 101: First-Year Composition	3 units	ENGL 102: First-Year Composition	3 units
MATH (based on placement)	3 units	ISTA 100: Great Ideas of the Information Age	3 units
UNIV 101: Introduction to the General Education Experience	1 unit	General Education: Exploring Perspectives	3 units
General Education: Exploring Perspectives	3 units	General Education: Building Connections	3 units
First-Semester Language	4 units	Second-Semester Language	4 units
TOTAL	14 units	TOTAL	16 units

YEAR 2

FALL		SPRING	
ISTA 116: Statistical Foundations of the Information Age	3 units	ISTA 131: Dealing with Data	4 units
ISTA 130: Computational Thinking and Doing	4 units	Computational Arts & Media Course	3 units
ISTA 161: Ethics in a Digital World	3 units	General Education: Building Connections	3 units
General Education: Exploring Perspectives	3 units	Minor Course	3 units
General Education: Exploring Perspectives	3 units	Minor Course	3 units
TOTAL	16 units	TOTAL	16 units

YEAR 3

FALL		SPRING	
UNIV 301: General Education Portfolio	1 unit	Societies Course	3 units
ESOC 302: Quantitative Methods for the Digital Marketplace	3 units	Major Emphasis Course	3 units
General Education: Building Connections	3 units	Major Emphasis Course	3 units
Major Emphasis Course	3 units	Minor Course	3 units
Minor Course	3 units	Minor Course	3 units
Minor Course	3 units	TOTAL	15 units
TOTAL	16 units		

YEAR 4

FALL		SPRING	
Major Engagement Course*	3 units	ISTA 498: Senior Capstone	3 units
Major Emphasis Course	3 units	Major Emphasis Course	3 units
Upper-Division Elective	3 units	Additional Elective Course	3 units
Upper-Division Elective	3 units	Additional Elective Course	3 units
Additional Elective Course	3 units	TOTAL	12 units
TOTAL	15 units		

TOTAL DEGREE CREDITS: 120 UNITS

** Engagement course, such as an internship, may be completed over the summer.*

This is a sample plan and is subject to change based on catalog year, placement tests, AP/CLEP credit, transfer work, minor requirements, summer school, etc. The official degree requirements may be found in the University General Catalog and all University of Arizona students should refer to the Academic Advising Report for specific graduation requirements.