



THE UNIVERSITY OF ARIZONA

College of
Information Science

GRADUATE INFORMATION SESSION



TOPICS

1. The University of Arizona's College of Information Science
2. Our graduate MS degrees
3. Graduate research
4. Student experience
5. Living in Tucson
6. Graduate admissions



College of
Information Science



COLLEGE OF INFORMATION SCIENCE

SHAPE THE FUTURE OF INFORMATION

- A new, interdisciplinary college at the U of A
- We explore the **intersection of people, data and technology** to empower a diverse, equitable and inclusive future through information
- We stand at the forefront of education, research and service, offering innovation and excellence in information science while **preparing students for tomorrow's data-driven workforce**



College of
Information Science

MSDS: MASTER OF SCIENCE IN DATA SCIENCE

#9

Fortune Best Master's in
Data Science Programs

30

Academic Credits
Required

\$110K

Average Salary*

* Source: Lightcast, November 2023

- STEM-designated
- Offered on **main campus** in Tucson and **online**
- Can be completed in as few as **18 months**
- Prepares students for **robust careers** in one of the world's fastest-growing professions
- Take **core courses** in data mining and discovery, data analysis and visualization, and data ethics
- Choose from **dynamic electives** such as neural networks, artificial intelligence, natural language processing, machine learning, cyberinfrastructure, data warehousing, database development, data science and public interests, and advanced computational linguistics
- Requires **internship or capstone project**
- **infosci.arizona.edu/msds**



College of
Information Science

MSIS: MASTER OF SCIENCE IN INFORMATION SCIENCE

#11

TechGuide Top Master's in
Machine Learning
Program

30

Academic Credits
Required

\$98K

Average Salary*

* Source: Payscale, November 2023

- STEM-designated
- Offered on **main campus** in Tucson
- Can be completed in as few as **18 months**
- Prepares students for **in-demand information careers** across disciplines and industries
- Choose between two subplans:
 - **Human-Centered Computing:** Explores simulations, virtual reality, user experience, personal data collection and more
 - **Machine Learning:** Interpretation and management of large amounts of data by automating processes
- Take **core courses** in foundations of information, data analysis and visualization, and human-computer interaction *or* machine learning
- Requires **internship or capstone project**
- **infosci.arizona.edu/msis**



College of
Information Science

Master of Science in Cyber & Information Operations

30

Academic Credits
Required

\$124K

Average Salary*

*Source: Bureau of Labor Statistics
April 2025 – Information Security
Analyst

- **STEM-designated**
- Offered fully-online
- Can be completed in as few as 12 months
- Prepares students for a variety of cyber-related occupations in the private and public sector
- Students gain hands-on experience by using industry tools in which they complete real-world exercises
- Take core courses in Covert Python, Traffic Analysis, Zero Trust Defensive Techniques, Information Warfare & Cloud Security
- Electives include Advanced Computational Propaganda, Secure Critical Infrastructures with Artificial Intelligence and Cyber Physical Systems
- Requires Master's Report or Master's Thesis
- <https://infosci.arizona.edu/ms-cyber-information-operations>



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GRADUATE RESEARCH

RESEARCH CENTERS & LABS

- Center for Digital Society & Data Studies
- Biosemantics Research Group
- co/lab: The Critical Archives & Curation Collaborative
- Computational Language Understanding Lab
- Data Diversity Lab
- DSIOH Lab: Digital Storytelling & Oral History Lab
- ML4AI Lab: Machine Learning & Artificial Intelligence Lab
- Metadata Analytics Lab
- XRG Lab: Extended Reality & Games Lab



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GRADUATE RESEARCH

INDEPENDENT STUDY

- An independent study is an **extended exploration of a topic under supervision** of a full-time College of Information Science faculty member
- Students and faculty should follow the **U of A guidelines** for individual studies
- **Credit is based on hours worked**, with 3 units representing 135 hours (or 45 hours per 1 unit of credit)





GRADUATE RESEARCH

DIRECTED RESEARCH

- Complete **individual or small group research under guidance** of a full-time College of Information Science faculty member
- Students and faculty should follow the **U of A guidelines** for individual studies
- **Credit is based on hours worked**, with 3 units representing 135 hours (or 45 hours per 1 unit of credit)





STUDENT EXPERIENCE

- AI Club, Cyber Saguaros, Data Cats, LISO (Library & Information Science Student Organization), WICS (Women in Information & Computer Science) and many more clubs
- CATalyst Studios and other makerspaces
- Knowledge River Scholars Program
- Networking with alumni and professionals

“Not just a curriculum but a community of like-minded individuals pushing the boundaries of knowledge together.”

Camila Becerril, MA in Library & Information Science '23



College of
Information Science



LIVING IN TUCSON

- Vibrant cultural scene
- Outdoor paradise
- Affordable living
- Rich, multicultural history
- North America's first UNESCO City of Gastronomy
- Dynamic campus life
- Warm weather year-round





GRADUATE ADMISSIONS

PROCESS & PROCEDURES

1. View our program-specific admissions requirements:
infosci.arizona.edu/admissions/graduate
2. Determine which program you will apply to and keep track of the admissions deadlines
3. Begin your application on GradApp:
apply.grad.arizona.edu
4. Create a profile and be prepared to upload unofficial PDF versions of all transcripts and diploma/degree certificates





GRADUATE ADMISSIONS

PROCESS & PROCEDURES

5. Be prepared to upload documentation such as personal statement, CV or resume and the contact information for at least two recommenders
6. After completing all the modules, applicants must complete the last 3 steps:
 - Pay the application fee
 - Review your application details
 - Submit the application to complete the process
7. You may return to GradApp to view your Application Processing Checklist to track application review progress



Questions about the student experience? Connect with a student ambassador!



Kapua Ioane

Student Ambassador
BS in Information Science '23,
MS in Information Science '26



Nandhini Anne

Student Ambassador
MS Data Science '25



Valerie Naa Dei
Okine

Student Ambassador
MS in Data Science '25

infosci.arizona.edu/admissions/student-ambassadors

Meet Our Advisors

infosci-msadvise@arizona.edu



Cristian Román-Palacios
Assistant Professor
Coordinator & Advisor for MSDS
and MSIS

infosci-msadvise@arizona.edu

Make Advising Appointment:
<https://calendly.com/cromanpa/15min>



Holly Brown
Director, Graduate Programs
Advising: General Graduate
Advising, Degree Steps
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Make Advising Appointment:
<https://ua-trellis.force.com/uastudent/s/advisor-calendar/?NetId=brownhb>

READY TO SHAPE THE FUTURE OF INFORMATION?



infosci.arizona.edu

Questions?

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