



Project or Thesis Option (one of following)

- 6 Credit hours of Thesis OR
- 6 Credit Hours of Graduate Project OR
- 3 Credit Hours of Graduate Project AND
- 3 Credit Hours of Cooperative Education in IQ

### PhD Program

Additional Admission Requirements

- GPA of at least 3.3 in the last 60 undergraduate credit hours
- Minimum combined quantitative and verbal GRE score of 1,000
- Minimum GRE writing assessment score of 4.0
- International students must also submit TOEFL scores of at least 550/213/79

### Curriculum Information

The Information Quality emphasis in the Applied Science PhD consists of a minimum of 72 credit hours beyond the baccalaureate degree including a minimum of 18 hours of course-work from 5000 and 7000 level courses, and a minimum of 42 credit hours of 9000-level doctoral dissertation.

Each student's plan of study is developed in conjunction with his/her doctoral advisor. Graded coursework for the Information Quality program is based on the 21-hour required core courses of the master's program.

### Conditional Admission

Applications with a baccalaureate degree who fail to meet one or more of the requirements for regular admission may be granted conditional admission with the requirement to complete remedial course work before being granted regular admission status.

### Scholarships and Financial Aid

Students admitted to the UALR Information Quality Graduate Program may qualify for financial assistance through a limited number of scholarships, assistantships, internships, and employee education plans.

## SPONSORS

### FOUNDING SPONSORS

- Axiom Corporation**  
Little Rock, Arkansas, USA
- MIT Information Quality Program**  
Cambridge, Massachusetts, USA
- UALR Donaghey College of Engineering and Information Technology**  
Little Rock, Arkansas, USA

### CONTRIBUTING SPONSORS

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### CONTACT INFORMATION

John R. Talburt, PhD, CDMP  
Information Science Department  
University of Arkansas at Little Rock  
2801 South University Avenue  
Little Rock, AR 72204  
501.371.7616 (Fax) 501.683.7049  
jrtalburt@ualr.edu • ualr.edu/EIT/iq

# GRADUATE STUDIES IN INFORMATION QUALITY



UNIVERSITY OF ARKANSAS AT LITTLE ROCK

GEORGE W. DONAGHEY  
**EIT**  
COLLEGE OF ENGINEERING & INFORMATION TECHNOLOGY

# WHAT IS

## INFORMATION QUALITY?

**Information Quality** is an emerging discipline concerned with maximizing the value of an organization's information assets, and assuring that the information products it produces meet the expectations of the customers who use them. Information quality implies that information is accessible, complete, timely, and free of defects. Information quality is founded upon decades of research and practice, information architecture, and the application of total quality management principles to information systems.

### What IQ programs of study are offered?

The UALR Information Quality Graduate program offers the following three programs of study:

- Graduate Certificate in Information Quality
- Master of Science in Information Quality
- Applied Science PhD with an emphasis in Information Quality

These programs are designed to meet the growing demands of government and industry for qualified professionals with graduate-level preparations that encompass

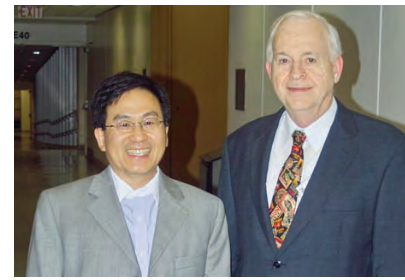
- Concepts, principles, tools, and models essential in defining, measuring, analyzing, and improving information quality
- Development of information quality policies, strategies, and programs
- Relationship of information quality to data privacy and protection, data governance, information architecture, and data integration processes such as entity resolution and customer relationship management (CRM)



### Who is it for?

These graduate-level programs are designed to prepare students to pursue careers in organization roles such as Information Quality Manager, Information Quality

Analyst, Information Quality Consultant, and Information Quality Application Developer, as well as roles in teaching and research.



### Online Access

To increase accessibility, classes held on the UALR campus that support the program are webcast live in an interactive environment that allows students to participate online as well as in person. Remote students must use test-monitoring services for examinations.

### What background is needed?

Candidates who have a background in computer programming, database concepts, applied statistics, have good written and oral communication skills, and have professional work experience will be the most prepared to enter and successfully complete these programs

### General Admission Requirements

All three programs require a baccalaureate degree from an accredited institution and completion of any remedial course work specified by the department. Students seeking regular admission to the program are expected to have completed course work or have professional experience equivalent to the following UALR courses:

- IFSC 2300 Object-oriented Technology
- IFSC 3320 Database Concepts
- STAT 2350 Intro to Statistical Methods

### Graduate Certificate Program

#### Additional Admission Requirement

- Cumulative GPA of at least 3.0 on a 4.0 scale.

### Curriculum Information

The Graduate Certificate in Information Quality consists of 12 hours of course work:

#### Required Core Courses (9 hours)

- INFQ 7303 Principles of Information Quality
- INFQ 7318 TQM & Statistical Quality Control
- INFQ 7342 Information Quality Tools & Industry Landscape
- One Elective Course (selected from the following list)

- INFQ 7322 Information Quality Theory
- INFQ 7337 Project and Change Management
- INFQ 7353 Case Studies for IQ Professionals
- INFQ 7367 Information Quality Policy and Strategy

### Master of Science Program

#### Additional Admission Requirements

- Cumulative GPA of at least 3.0 on a 4.0 scale.
- Graduate Record Examination general test section (GRE) or Graduate Management Admission Test (GMAT) scores.

### Curriculum Information

The Master of Science in Information Quality requires 27 hours of graduate course work with an additional six hours of either a thesis or project.

#### Information Quality Core

- INFQ 7303 Principles of Information Quality
- INFQ 7318 TQM & Statistical Quality Control
- INFQ 7322 Information Quality Theory
- INFQ 7342 Information Quality Tools & Industry Landscape

#### Information Science Core

- IFSC 5345 Information Visualization
- IFSC 7310 Information Systems Analysis
- IFSC 7320 Database Systems

#### Information Quality Elective (one of following)

- INFQ 7337 Project and Change Management
- INFQ 7353 Case Studies for IQ Professionals
- INFQ 7367 Information Quality Policy and Strategy

#### Other Elective (one of following)

- IFSC 5325 Data Mining Concepts and Techniques
- IFSC 5330 Database Security
- IFSC 7325 Advanced Data Mining
- IFSC 7360 Data Protection and Privacy
- MGMT 7308 Advanced Business Communication
- MGMT 7312 Team Development