



# ★15★ CERTIFICATES

All certificates are  
overseen by the  
College of Information



## The University of North Texas

The Graduate Academic Certificate program is intended for professionals in Library Science, Information Science, Data Science, and other related fields who already have a bachelor's or master's degree, and want to develop or enhance their knowledge and skills in a particular area by taking graduate-level courses to receive an academic credential. The certificates can also be completed while students are pursuing a master's degree.

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### LIBRARY SCIENCE CERTIFICATES

- **Advanced Management in Libraries and Information Agencies** - Provides a comprehensive working knowledge of the fundamental principles of library and information agency management, public awareness, planning, human resources, and financial operations.
- **Archival Management** - Provides the theoretical and practical background necessary to undertake careers in a variety of archival settings such as corporate archives, government archives and collecting repositories.
- **Children's and Young Adult Library and Community Services**
  - Provides core knowledge in programs, literature, and information organization for youth.
  - Develops skills to effectively design and deliver services for children and young adults in culturally diverse communities.
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- **Digital Content Management** - Prepares information professionals to meet the challenges of managing the life cycle of digital assets regardless of their types and formats or their method of delivery.
- **Digital Curation & Data Management** - Prepares students and practicing information professionals with the competencies (i.e., knowledge, skills, and abilities) for the emerging digital curation and data management workforce.

## LIBRARY SCIENCE CERTIFICATES (CONT.)

- **Health Information** - Prepares information professionals and librarians to deliver health information services in a variety of settings.
- **Rural Library Management** - Provides skills to build collaboration among libraries and community units they serve and for the development and use of online information services.
- **School Library Certification** - Prepares teachers to develop and deliver student-centered library programs and facilities, fulfilling leadership roles in reading and literacy development, instruction, integration of technology, school library management, collaboration with teachers, and engagement with the educational community.
- **Storytelling** - Provides skills in developing storytelling expertise and enhances knowledge of storytelling.

## DATA SCIENCE CERTIFICATES

- **Big Data and Intelligent Systems** - Prepares students to build data-driven intelligent systems. Students will take courses with an emphasis on machine learning and knowledge discovery.
- **Data Science** - Prepares individuals to leverage their knowledge to manipulate, organize and analyze data to help drive decision making within organizations.
- **Health Data Science** - Educates professionals who can apply data science methods and techniques to health-related problems.



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## COLLEGE OF INFORMATION CERTIFICATES

- **Graduate Academic Certificate in Computational Linguistics** - This certificate is specifically intended to address a growing need for language processing skills, particularly those associated with the rapid growth of artificial intelligence/cognitive technologies.
- **Instructional Design & Technology Graduate Academic Certificate** - Prepares individuals to work as instructional designers and technologists in either educational or corporate settings.
- **Teaching English to Speakers of Other Languages** - Prepares educators to teach English overseas or in the U.S. as a professional, designing curriculum and ESL programs, and working in government agencies as language experts. It also prepares international students to return to their own country and teach English.