

Meet the Faculty

Stephen E. Gareau

Associate Professor

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Dr. Gareau has a Ph.D. in Education (Instructional Technology) from Mississippi State University and an M.A. in Educational Technology from Concordia University. He has worked for many years as a computer programmer/analyst in business and industry and also as a multimedia developer in government. He has taught in graduate educational technology programs in North Carolina and Louisiana. Dr. Gareau's research interests include: service-learning, the use of games in education, educational technology for math and science education, community sustainability, and issues related to creative and critical thinking.

Ruth X. Guo

Associate Professor

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Dr. Guo has a Ph.D. in Technology Studies and an M.A. in Education from the University of British Columbia. Dr. Guo has taught courses in teacher education programs at the University of Ottawa and the University of British Columbia. She also has over 10 years of experience teaching at Chinese universities. Dr. Guo's research interests include: service-learning, the use of video in teacher preparation, integrating technology into curriculum, digital divide issues, constructive pedagogy, video ethnography, multiliteracies, information and communication technology (ICT) literacy, and ICT assessment.

**Consider the
Educational Technology
Master's program--A "7 + 4"
cooperative opportunity
between Nanjing University
of Finance & Economics
and Buffalo State College
in Buffalo, New York, USA!**

This program is for aspiring:

- Technology users
- Technology designers
- Technology innovators
- Technology leaders

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that I have acquired from the program."
— program graduate

For more information contact:

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www.buffalostate.edu.depts/cis

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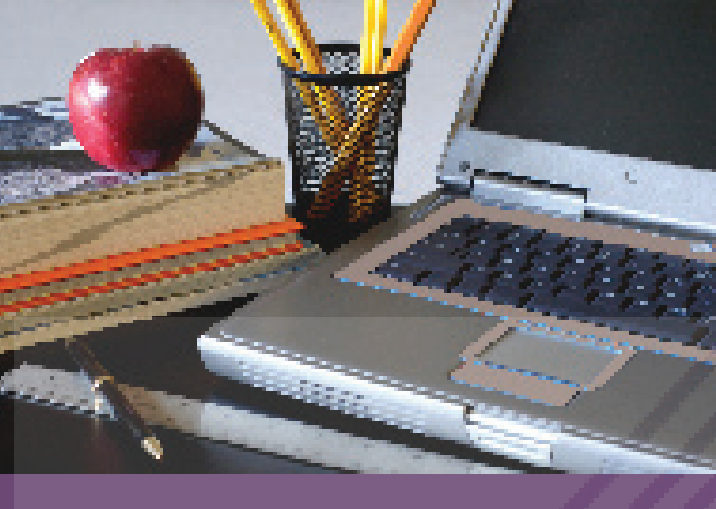
**Learn how technology can
enhance teaching and learning**



Educational Technology Program

**--A "7 + 4" cooperative opportunity
between Nanjing University
of Finance & Economics and**

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Program Requirements (33 credits)

Educational Technology Core Courses (21 credits)

EDC 601 Instructional Technologies
 EDC 604 Authoring for Educators
 EDC 672 The Computer in the Instructional Program
 EDC 603 Instructional Design & Problem Solving
 EDC 689 Research & Writing Methods and Tools
 EDC 610 Integrating Digital Video Technology into the Classroom
 EDC 690 Master's Project

Elective Courses (12 credits)

12 graduate credit hours (four courses) which may be taken either at Buffalo State College or at Nanjing University of Finance & Economics

List of Elective Courses

EDC 500 Microcomputer Systems
 EDC 594 Special Topics in Educational Technology
 EDC 607 Networking for Educators
 EDC 611 Television for Education and Training
 EDC 612 Educational Models, Simulations, and Games
 EDC 614 Educational Graphics and Animation
 EDC 615 Educational Hardware and Software
 EDC 617 Educational Technology for Informal Learning Environments

All courses are **3 credit hours** unless otherwise indicated. The elective courses are offered on a periodic basis, depending on interest and demand.

Admissions Requirements

1. Hold a baccalaureate degree from an accredited college or university.
2. Have a cumulative grade point average of 3.0 or better (on a 4.0 scale) in a baccalaureate program.
3. Arrange for three current letters of recommendation to be sent from professional sources that address your application to the program.
4. Develop a written Statement of Purpose that addresses your current and previous computer experience and career goals.
5. Meet the language requirements of an international student at Buffalo State College.

Benefits of the Program

- Become a more effective teacher or trainer using educational technology
- Learn about the latest trends, theories, and applications in teaching, learning, and technology
- Study at home and abroad, in Buffalo, New York, USA
- Gain a graduate master's degree from an accredited, high-quality U.S. university

The program can be useful for:

- K-12 in-service teachers
- School technology coordinators
- Training specialists in business and industry
- Instructional designers
- Museum educators



About the Program

The **M.S. Ed. in Educational Technology** degree program is within the Department of Computer Information Systems (CIS). It is primarily designed for K-12 educators and administrators, and training specialists from business and industry who wish to develop their knowledge and skills in the design of instructional materials and the use of a wide range of technologies in the classroom or online. The program is significantly different from a graduate program in computer science.

Students learn to:

- Use computers and other technologies in the instructional process to design and present lessons in interesting and motivating ways
- Bring new technologies and media into the classroom
- Make learning engaging through the use of a wide range of technologies
- Learn and apply the latest research findings, design skills, and tools to teaching and learning
- Understand and apply current and future technological trends in education
- Explore theoretical, social, legal, and ethical issues in educational technology