

## Certificate Programs

The Maxine Goodman Levin College of Urban Affairs offers three undergraduate certificate programs that equip students with the technical and management skills needed to launch careers in such fields as public management, urban planning, non-profit management, real estate development, economic development, and Geographic Information Systems.

Courses are taught by Cleveland State University faculty, researchers, instructors, and professionals working in the region. Many programs also draw on the experience and knowledge of the professionals associated with the research and public service centers of the Maxine Goodman Levin College of Urban Affairs. They are supplemented by local government leaders drawn from practice.

Certificate program information can be found online at: <http://urban.csuohio.edu/academics/certificates/>

For further information,  
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Maxine Goodman Levin  
College of Urban Affairs

Nationally recognized as one of the premier colleges of Urban Affairs, the Levin College is ranked 2nd in the nation for the graduate specialty in City Management and Urban Policy by *U.S. News and World Report*. The only College of Urban Affairs in Ohio, Levin is home to nationally recognized faculty as well as The Urban Center, a collection of fee and contract-supported applied research programs with specializations in the fields of public management, nonprofit management, community planning and development, and economic development.

At the Levin College of Urban Affairs students will have access to applied research, graduate assistantships, internships, and scholarly research. Students who obtain graduate assistantships receive tuition remission and a stipend.

Levin gives you the flexibility, affordability, and resources to complete your degree and achieve your career goals.



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## Undergraduate Certificate Programs



Public Management

Sustainable Urban  
Development

Urban Geographic  
Information Systems  
(GIS)



## **Public Management**

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The Public Management certificate program prepares practitioners to address the challenges and opportunities facing cities, such as budget cutbacks and equity planning.

This certificate program blends the theory and practice of local government and gives participants tools to survive and succeed as effective and ethical leaders in the public and nonprofit sectors.

### Required Courses:

- UST 452 Management of Urban and Nonprofit Organizations
- UST 453 Managing Urban Diversity

### Electives (choose two):

- UST 410 Proposal Writing and Program Development
- UST 433 Negotiation and Conflict Management
- UST 451 Fundraising and External Relations for Nonprofits
- UST 459 Budgeting and Policy Analysis

## **Sustainable Urban Development**

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The certificate program in Sustainable Urban Development is intended for students interested in moving cities toward sustainable economic, social and ecological practices. The program is central to the Levin College's mission to provide academic and professional education, expertise, and research capabilities to enhance the quality of life in urban communities.

Urban development is the process by which cities remake their physical and economic environments. It includes understanding the role of business and real estate markets, public policy, and planning, to recreate cities that are prosperous and offer a high quality of life.

Sustainable urban development includes the principles and practices of sustainability: ensuring environmental quality, restoring ecological function of urban areas, and supporting attraction of sustainable businesses such as renewal energy and green housing.

Geographic Information Systems (GIS) allow planners and economic development professionals to understand the spatial manifestations of sustainability and make better decisions in areas such as land use, transportation, natural resource management, environmental quality, public health, market and business location, housing, and real estate.

### Required Courses:

- UST 300 Economics of Policy Analysis
- UST 301 Urban Development
- UST 485 GIS Principles
- UST 436 Urban Sustainability



## **Urban Geographic Information Systems (GIS)**

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A Geographic Information System (GIS) is a computerized database management system used for the capture, storage, retrieval, analysis, and display of spatial data. GIS is useful to every discipline that utilizes geographic data and is one of the most exciting and rapidly growing computer technologies.

The certificate program offers a sequence of courses to professionals who wish to learn GIS technology to complement their careers in government, planning, environment, public works, and other urban agencies. The program provides a solid understanding of basic concepts, technical and institutional factors in GIS design and implementation, and applications of the technology to current issues of urban interest.

### Required Courses:

- UST 485: GIS Principles
- UST 486: GIS Methods
- UST 487: GIS Applications