

SMART CITIES & URBAN ANALYTICS (GRADUATE CERTIFICATE)

Contacts

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Program Website (<https://www.jefferson.edu/academics/colleges-schools-institutes/architecture-and-the-built-environment/programs/graduate-certificates/urban-design.html>)

Program Description

The twelve-credit Graduate Certificate in Smart Cities and Urban Analytics prepares architects, urban designers and city managers to become leaders in the planning, management, and operational functions of 'smart' cities. Foregrounding the development of future cities and communities, the certificate offers a unique focus on pressing, contemporary issues with far-reaching consequences. Coursework addresses the need to develop urban resiliency and carbon neutral communities and to harness the potential of smart technologies to achieve environmental wellness on multiple scales in response to rapid urbanization and climate change. This credential provides the technical and theoretical skills needed to make a difference to the cities of today and tomorrow.

Curriculum: 12 Credits

Code	Title	Credits
MUD 600	Modeling Urban Enviro Perf	3
MUD 6xx	Emerging Design and Technology for Smart Cities	3
GEOD 615	Adv GIS:Urbn Spctl Anlytcs 1	3
GEOD 617	Adv GIS: Urb Sprial Anlytcs II	3
Total Credits		12