



Master of Engineering in SUSTAINABLE SMART CITIES

PART-TIME STUDY

100%
Online

FIVE
Semesters

Flexibility

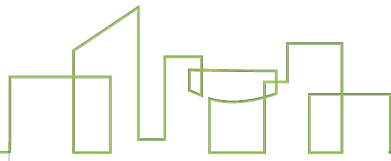
This degree is ideal for various professional avenues, including:

- Municipal Leaders and Policy Makers
- Public Health and Social Scientists
- Urban Designers and Planners
- Civil and Transportation Engineers
- Environmental Managers, among others



DID YOU KNOW?

Cities are engines of economic growth, innovation, education and culture, but they are also home to concentrations of poverty, social exclusion and environmental degradation and are responsible for 80% of the world's carbon dioxide output. Rapid technological developments present unprecedented opportunities for cities to design and adapt into smart, sustainable environments through digital technologies, big data, smart mobility, renewable energy, and low-energy buildings and neighborhoods. This two-year online master's program in Sustainable Smart Cities will equip you with the knowledge and skills to help build the sustainable smart cities of the future.



WORLD-CLASS DEGREE within reach

A stress-free and test-free application process

- No GRE or GMAT required
- No Engineering Prerequisites required

The **Master's program in Sustainable Smart Cities at UAB** is a unique postgraduate initiative that combines interdisciplinary knowledge with practical applications for future urban environments. Led by experienced faculty, it equips you to assess, design, and implement strategies for local and global smart cities through a robust curriculum of theory, case studies, and innovative methods.

ALL ONLINE STUDENTS PAY IN-STATE TUITION
Program length: five semesters

Year-round enrollment
Total program cost: \$27,960*

*Costs are calculated according to 30 credit hour coursework and are estimated based on 2025-26 academic year. Total program cost is subject to change. Details: www.uab.edu/cost-aid/cost/detailed-tuition-fees

"The program's interdisciplinary approach, combining engineering, policy, and data-driven solutions, has equipped me with the tools to tackle real-world challenges in smart city development. The flexibility of the curriculum, along with its focus on sustainable infrastructure, energy efficiency, and emerging technologies, has allowed me to tailor my learning to my professional goals."

Teersa Kramer — Class of 2025
Master of Engineering in Sustainable Smart Cities



**Contact
Program
Director**

Jason T. Kirby, Ph.D.
Associate Professor
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Master of Engineering in Sustainable Smart Cities

Deadline to Apply

Fall: August 1
Spring: December 1
Summer: April 1

Degree Program Components

30 credit hour program
Courses are offered online via **Canvas**

Entry Requirements

- A Bachelor's degree or equivalent in relevant fields such as Urban Design, Political Science, Criminal Justice, Environmental Science, Public Health, Social Science, Information and Communication Technology, or Engineering. Candidates with related work experience and a keen interest in urban planning, sustainability, and smart city initiatives will also be considered.
- Phone or video interview with program director
- Three letters of recommendation
- Personal essay
- TOEFL, IELTS, or Duolingo required for international students

Curriculum:	Credit Hours
Principles of Sustainable Development	3
Intro to Sustainable Smart Cities	3
Low-Carbon And Renewable Energy	3
Managing Natural Resources	3
Green Infrastructure and Transportation	3
Health and Livability	3
Green Buildings	3
Smart Cities Technologies	3
Big Data and Smart Cities	3
Research Methods and Project Planning	3
Total:	30

APPLY TODAY!
NEED HELP?

www.uab.edu/engineering/smartcities/masters-program
Email Program Manager, Scarlett Naftel: snaftel@uab.edu