MASON SCIENCE COMMUNITY

New urban data science courses and programs offer the best of Mason Science

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Preemption within urban’s data science.

By Elizabeth Grisham

Science students and for supporting them now more than ever.

Graduate Program Director

Fernando M. Wilhelm

Notebox

Volunteer with the Office of Sustainability

John Pascarell asks for support

New interdisciplinary courses in data science offer opportunities in urban science and sustainability.

The 21st century workforce is expected to face a wide variety of challenges. To meet the demands of a sustainable world, these future professionals will require a deep understanding of urban data science.

Mason Science students have the opportunity through a new interdisciplinary course, Mason Science 455 Data Science in Urban Sustainability, to explore and understand the challenges and opportunities presented by the rapidly growing urban population.

This interdisciplinary course in data science is intended to introduce students to the field of urban informatics and provide an appreciation of the role data science can play in urban sustainability. The course is led by Professor Laura Powers and provides a comprehensive overview of data science, data management, and big data concepts. Additionally, the course will explore urban sustainability through the lens of social, economic, and environmental challenges.

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The course will cover topics such as data management, big data concepts, and data science as well as how these concepts can be used in urban sustainability research. Additionally, the course will provide students with hands-on experience through a capstone project.

A changing world means a changing workforce.

Data science is an area of study that is rapidly growing in popularity and importance. As the world changes, so must the workforce. The workforce of the future will require a deep understanding of data science and how it can be applied to solve real-world problems.

The Mason Science 455 Data Science in Urban Sustainability course is just one example of the types of courses that Mason Science students can take to prepare for a future workforce.

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