

An aerial photograph of a coastal town, likely in the Caribbean, showing a dense cluster of buildings with colorful, corrugated metal roofs in shades of red, orange, and blue. The town is situated along a shoreline with turquoise water. A long, narrow boat is visible in the water, leaving a white wake. The overall scene is vibrant and scenic.

IHS
Making cities work



Urban Environment & Climate Change Specialisation

MSc Urban Management and Development

**Erasmus
University
Rotterdam**



Urban Environment & Climate Change

Nature-based solutions, climate change adaptation and mitigation, and circular economy are essential in tackling the growing threat of climate and environmental instability. This specialisation focuses on different conceptual, theoretical and practical approaches to sustainable urban transformation and climate-neutral and resilient cities worldwide.

What will I learn?

This specialisation offers students the opportunity to critically examine the theory, recent trends and developments related to urban climate change adaptation and mitigation and how they shape responses to the climate crisis. Students will evaluate common solutions, from technology-driven approaches to the complex implications of transitioning to a circular economy.

Throughout the specialisation, participants look at the impact that nature-based solutions, climate mitigation and adaptation, and circular economy have on building sustainable, smart, and climate-resilient cities. These perspectives are complemented by a focus on climate change governance and the context of transition theory and society, nature-based solutions and circular economy.

Besides developing management and governance expertise, students explore a combination of core modules and focal points during the specialisation period.

Focal points

Nature-based Solutions

Housing and the Environment

Circular Economy

Climate Justice

“Three words I’d use to describe the master’s programme are **engaging, international and challenging**. Studying at IHS has been an incredible experience for so many different reasons, and I wouldn’t give it up for the world.”

Dona van Eeden
South Africa



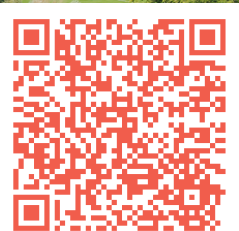
Why should I choose this programme?

- Learn to critically examine climate adaptation and mitigation
- Engage with frameworks of sustainable development, transition and risk, and their relationship with climate change
- Apply tools used by practitioners to analyse the urban environment
- Understand and analyse the effects, impacts and drivers of climate change and vulnerability in cities
- Applied learning through field visits
- Earn your MSc degree from a top university in Europe
- Become part of an international and diverse classroom
- Study in Rotterdam - a hub for urban sustainability
- Benefit from dynamic and broad career opportunities

Learn more at ihs.nl/environment



Photo by Erasmus University Rotterdam



Explore the curriculum