

Sustainability Planning: Developing a waste management strategy for a suburban nature preserve

ENVST-UA 900.001

M 5:00-7:30PM

Instructor: Kizzy Charles-Guzman

Waste reduction has become a critical issue in recent years as organizations and policymakers seek new strategies to lead in environmental sustainability while balancing cost, enforcement, and infrastructure constraints. This capstone will research the best solid waste management practices in municipalities and organizations both in the United States and in other countries to identify suitable cutting-edge practices that a small, not-for-profit organization can implement to improve its environmental performance. This benchmarking will provide a foundation to determine the effectiveness, feasibility and costs of waste reduction programs that can provide the greatest waste reduction impact for the client organization. Additionally, this capstone will recommend strategies for increasing recycling rates and driving behavior change to reduce waste production, while also presenting suggestions for visitor engagement and educational outreach as it relates to the team's waste management recommendations.

This description is tentative.