This a collaborative design workshop – involving architects, engineers, planners and construction students - focusing on sustainable stormwater solutions that contribute to sustainable community development. The workshop has three related parts:

- First will be a series of seminars providing background on stormwater management and modeling, green infrastructure tactics, and contemporary green infrastructure strategies linking buildings to sites to drainage basins and larger watersheds.
- Second will be a series of lectures and seminars, including locally and nationally recognized architects, landscape architects, urban designers involved in leading edge stormwater projects.
- Third will be collaborative student design teams working on proposed building massing to study the opportunities and impacts to shape green infrastructure proposals either on the campus, working within the Georgia Tech Stormwater Master Plan, or in drainage basins in the Proctor Creek Watershed.

Learning Outcomes:
- Understand why water is the fundamental issue in sustainability in the relationships among ecological, economic and social systems, from the scale of buildings, to sites, to neighborhoods and cities.
- Understand the history and development of urban stormwater management and the contemporary efforts to make water as the foundation of sustainable communities.
- Understand and be able to apply basic hydrology and stormwater design principles, using readily available analytical and design models for conceptual and preliminary design and performance measures.
- Understand and be able to collaborate in solving stormwater problems and designing solutions, using appropriate green infrastructure, as a way of creating more sustainable communities.
- Understand and be able to create and evaluate sustainable stormwater proposals in the context of community and neighborhood needs.
- Understand the importance of water resources and stormwater in the transformation of our professions – architecture, urban design, planning, building construction and engineering.

Grading will be based on attendance and seminar participation, contributions to the student’s team, and graphic/verbal presentations of the team’s work in preliminary and final reviews.