NYIT *School of Architecture & Design*

Master of Science in Architecture, Urban and Regional Design Program Learning Goals: (MsAURD)

- PLG 1. By the end of the program, students will be able to analyze urban design traditions and their evolution and global canonical models

- PLG 2. By the end of the program, students will be able to critically evaluate multiple fields and methods in which the contemporary urban design field operates

- PLG 3. By the end of the program, students will be able to analyze the discipline's evolving practice through innovative contemporary and speculative case studies

- PLG 4. By the end of the program, student use of Precedents will include the ability to examine and comprehend the fundamental principles present in relevant precedents and to make informed choices about the incorporation of such principles into urban design projects.

- PLG 5. By the end of the program, students will be able to utilize continually-evolving digital software tools proficiently for urban research and design

- PLG 6. By the end of the program, students will be able to analyze multi-spatial and sectoral forces shaping the city over time

- PLG 7. By the end of the program, students will be able to prepare a comprehensive program for an urban design project that includes an assessment of user needs; an analysis of site conditions; a review of the relevant policy/guidelines, including relevant sustainability requirements, and an assessment of their implications for the project; and a definition of site selection and design assessment criteria.

- PLG 8. By the end of the program, students will be able to create coherent narrative methods, design goals and strategies illustrating a thought process that responds to the complexity of context, spatial scales and urban systems

- PLG 9. By the end of the program, students will be able to understand how urban design confronts the challenges of sustainability and resilience through integrated design and representation

- PLG 10. By the end of the program, students will be able to apply research on the intersection of urban form, low-carbon development, and climate

- PLG 11. By the end of the program, students will be able to demonstrate Site Design skills, the ability to respond to site characteristics.

- PLG 12. By the end of the program, students will be able to utilize representation: as the

technique of representation is a technique of design; and graphic clarity reveals conceptual clarity.

- PLG 13. By the end of the program, students will be able to demonstrate Investigative Skills, the ability analyze and apply relevant information.

- PLG 14. By the end of the program, students demonstrate an understanding of Cultural Diversity and Social Equity through their work.