

Landscape Architecture Course

Project Brief

Design of Public Landscape in Duhok

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Due date: 1st December 2021

Introduction to Site

The site area is approximately 38000 square meters (3.7 hectares). It was the main electricity line 10 years before the electricity line was moved and remained abandoned. During this abandonment, residents have tried to take advantage of the site for different purposes. A big area of the site was transferred to a car parking block for the Saïdo Mosque. Some small packs have been converted to urban agriculture by the residential units around the site for daily needs such as tomatoes, cucumbers, etc. The project is surrounded by public buildings and residential buildings, mainly on the other side.

On the new government plan, the site will be converted to an urban landscape. Students are asked to develop a concept design for a public landscape project for this site. The project should consider all the surrounding functions with an in-depth site analysis and suggest necessary activities for the public landscape. Students are encouraged to study international case studies to develop the appropriate spatial program for the site. The proposal must meet sustainability targets in terms of including local and wild plants and trees that require minimum maintenance and care. It should also consider water and energy management. Developing biodiversity of the site is also one of the site's requirements; thus, students are asked to research how they can increase biodiversity in the project.

Project stage:

Stage 1: Data collection: Students are asked to collect the required data about the site and the surroundings. These data will include environmental data for the site analyses, topography, access to the site, land use around the site. Most importantly, they are asked to do in-depth research to determine the type of plants and trees suitable for the site and important information about the plants in terms of maximum height; seasons they grow...etc. Students are also asked to collect data about similar examples and cases studies on the local, regional, and international levels for an in-depth study later on (the due date is Week 4).

Stage 2: Data analyses: At this stage, students should analyze the collected data to determine problems that need to be tackled during the design process. Also, the advantages of the site need to be promoted and taken into consideration. Students are also analyzing the cases studies collected on the previous stages. The analysis at this stage would determine notes for the design process and a special program for the design process. (The due date is Week 5)

Stage 3: concept development: at this stage, students relying on the cases studies, analyses they have undertaken previously will develop a concept for their design. The concept has to have different dimensions (cultural, functional, sustainability, and other dimensions) (The due date is Week 7)

Stage 4: drawing development 3D Modeling: after the concept development, students need to develop drawings of the project according to the technical drawing of landscape design. (a book was uploaded on the team showing all these details) (The due date is Week 9)

Stage 5: Project detailing and visualization: This is the final stage where the student needs to work on detailing their project after the final confirmation of the layout and main zoning. The student also needs to develop 3D models of the work and start fully visualize the project for the final submission (The due date is Week 12).

Deliverables

- Base case analysis: it should include analytic maps showing (existing routes to the site with parking and building entrances, green area, existing building area and functions)
- Initial sketches and drawings showing how the design progressed.
- Zoning drawings of the site
- Site design with good visualization
- Planting plans
- Technical drawings of the project
- Initial sketches and drawings showing how the design progressed.







