



semester:
5

SCRAP MARKETPLACE

Liczba
punktów
ECTS

level:
1

DESIGN THROUGH REUSE

Rok akad.:
2026/2027

Katedra prowadząca przedmiot
Katedra Architektury Miejskiej i Przestrzeni Nadwodnych

Instructor:
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Project Overview:

The Scrap Marketplace studio focuses on the redesign of the existing municipal market in Gdańsk-Wrzeszcz. Students will transform a functioning retail site into a contemporary, inclusive and climate-resilient piece of urban infrastructure. The project should preserve the market's everyday accessibility and local trading culture while improving spatial order, comfort, visibility and year-round use.

Core Design Idea — Reuse:

The entire design process is based on reuse, recovery and recycling. Existing buildings, stalls, canopies, paving and technical elements should first be surveyed as a material bank. Demolition is treated as a last resort. Reclaimed components and secondary materials are expected to determine the architectural language, structural logic and phasing strategy. Dry connections, standard modules, repairability, adaptability and future disassembly should be developed from urban concept to construction detail.

Location:

The project site is Targowisko Miejskie Gdańsk-Wrzeszcz at ul. Stanisława Wyspiańskiego 20A, near ul. Biała. Trade currently takes place in permanent pavilions, beneath covered structures and on an open market square. The site combines daily commerce with intensified market days and requires coordination between pedestrians, customers, deliveries, traders and service vehicles. Its location within dense Wrzeszcz creates an opportunity to strengthen local food networks and form a more legible public place.

Project Objectives:

- Redesign the existing market without erasing its commercial continuity, identity and social value.
- Organise permanent retail, open-air trade, delivery and public circulation into a clear spatial framework.
- Treat existing structures and components as resources for retention, relocation, repair or transformation.
- Use reclaimed and recycled materials as the principal constructional and aesthetic strategy.
- Create comfortable, universally accessible spaces supporting trade in different seasons and weather conditions.
- Develop a realistic phased transformation that allows the marketplace to remain operational.

Project Scope:

Existing Market Analysis:

- Map trading patterns, pedestrian movement, delivery routes, entrances, visibility and peak-day occupation.
- Prepare an inventory of pavilions, stalls, roofs, paving, utilities, greenery and reusable construction elements.
- Identify conflicts between public space, parking, servicing and different forms of retail activity.

Marketplace Programme:

- Reorganise permanent shops, flexible stalls, seasonal trade and covered market areas.
- Provide storage, waste sorting, cold storage where needed, sanitary facilities and trader support spaces.
- Include local food, crafts, repair services, second-hand trade and small-scale gastronomy.
- Create shared spaces for tasting, workshops, neighbourhood events and informal meetings.

Scrap and Reuse Strategy:

- Develop an urban mining catalogue defining what can remain in place, be repaired, moved or transformed.
- Use reclaimed steel, timber, brick, sheet material, glazing, paving and recycled-content products.
- Design modular stalls, canopies and façade systems with reversible mechanical connections.
- Prepare material passports and a clear strategy for maintenance, replacement and future disassembly.

Public Space and Landscape:

- Turn circulation space into a legible network of market streets, squares and sheltered thresholds.
- Increase shade, biodiversity and rainwater retention while reducing sealed surfaces and summer overheating.
- Integrate seating, bicycle parking, drinking water and accessible routes without obstructing trade.
- Create a safe and active public realm that can function outside core market hours.

Logistics and Phasing:

- Separate customer movement from deliveries where possible and design efficient unloading points.
- Provide adaptable waste collection and sorting connected to the circular material concept.
- Plan temporary trading areas and construction phases so that vendors can continue operating.

Required Design Approach:

- Site survey, stakeholder and activity mapping, material inventory and reuse potential assessment.
- Urban concept, functional programme, phasing strategy and landscape design.
- Plans, sections and elevations at scales appropriate to the studio stage.
- Key visualisations, building model, representative details and material reuse prototype.

Timeline:

The project will span one semester. Detailed milestones, consultation dates and submission requirements will be provided at the beginning of the studio.

Evaluation:

Students will be assessed on the clarity and quality of the proposal, functional and spatial feasibility, environmental responsibility and architectural communication. Particular emphasis will be placed on consistent use of reclaimed and recycled materials, credible sourcing and assembly strategies, adaptability and design for disassembly.