

**Head:** Assoc.Prof. (PhD) Zeynep TUNA ULTAV  
**Program Coordinator:** Assist.Prof. (PhD) Çiğdem ÇETİN  
**Research Assistant:** Res.Assist. Selin GÜNGÖR

## TRACKS

### TRACK A

#### **RITM - RESTORATION, INTERVENTION, TRANSFORMATION, MODIFICATION- IN INTERIORS**

**Definition:**

This module focuses on the theory and practice of adaptive reuse. The main aim is to bring a wide perspective on adaptive reuse. Students of this module are expected to specialize in the history and structural properties of built environments; the principles and methods of adaptive reuse in addition to the solutions of the problems of adaptive reuse.

- **Coordinator/Advisor:** Assist.Prof. (PhD) N. Ebru AYDENİZ
- **Research Assistant:** Res.Asst. Özüm KARADAĞ

**Instructors:**

- Assist.Prof. (PhD) N. Ebru AYDENİZ
- Lect.(PhD) Özge BAŞAĞAÇ
- Lect. Sergio TADDONIO

**Research Areas**

- Remodelling of historical stratification in urban interiors of multilayered towns
- Adaptive reuse and abandonment. the aesthetics of decay and the poetics of survived architecture
- Retrofitting existing historic buildings to enhance their sustainability and energy performance while
- Alternative approaches in interventional design. Insertion as a space design strategy conserving heritage value
- Cultural and historical sustainability
- Contemporary interventions to historic buildings/urban textures

### TRACK B

#### **DESIGN AND CULTURE**

**Definition:**

This module focuses both on the theoretical foundations of interior architecture practices and the synthesis of theoretical and practical knowledge through the studio courses. Students of this module are expected to specialize in housing, spatial history, space typologies, modern interiors and spatio-cultural representations in literature and cinema.

**Coordinator/Advisor:** Assoc.Prof. (PhD) Gülnur BALLİCE  
**Research Assistant:** Res.Asst. Müge SEVER

**Instructors:**

- Prof.Dr. Meltem GÜREL
- Assoc.Prof. (PhD) Gülnur BALLİCE
- Assoc.Prof. (PhD) Zeynep TUNA ULTAV
- Assist.Prof. (PhD) Çiğdem ÇETİN
- Assist.Prof. (PhD) Meltem ERANIL DEMİRLİ
- Assist.Prof. (PhD) Eda PAYKOÇ ÖZÇELİK

## Research Areas:

### **Sub-Track B1: Design History**

- Reframing the history of interiors in Turkey: The case of ...
- History of interiors
- History of furniture design in Turkey
- The role of oral history in understanding interiors: The case of ...
- Mid-century modernism
- Modern hotel interiors in Turkey: The case of ...
- The New Century: transformations in patterns of living, movements and styles in terms of interiors
- Public history and memory

### **Sub-Track B2: Social / Cultural Aspects**

- Socio-spatial analysis of public/domestic spaces: The role of socially produced parameters, actors, practices, and culture
- Design History in Turkey
- Landscapes of leisure: Architectures and interiors of tourism
- Space culture relationship
- Gender-Space(public&private)
- Understanding the role of collective memory in spatial analysis
- Public/ Urban interiors

### **Sub-Track B3: Design Education**

- Discussions on integrated studio approach in architectural design education
- Interdisciplinary context of interior design studio outputs
- Effective management of design process within the interior design studio
- Sources of design concept formation for interior design projects....examining projects from Turkey and/ or abroad...
- Education strategies for fostering creativity in basic design education

### **Sub-Track B4: Environment & Behavior/ Perception**

- The role of senses on the perception in interiors in case of...
- Fostering the role of senses for handicapped people
- Evaluating the effects of the perception of interiors with the new habits of users
- Evaluation of ..... for Disabled / Elderly / Children
- The Analysis of ..... in terms of Universal Design (Design for All)
- Walkability Analysis of .....
- Effects of Light and Lighting on Human Psychology
- Effects of Light and Lighting on Human Behaviour

### **Sub-Track B5: Housing Culture**

- Debates on Biennale Exhibitions on housing and interiors
- Home-Cultures, domestic space, domesticity
- Affordable (Low-Cost) housing approach in terms of interiors
- Symbolic meanings of home...focusing on the meanings of the Turkish house in historical perspective
- Interior design evolution of 20th-century apartments in İzmir
- Socio-spatial transformations in housing interiors
- Housing interiors for senior & assisted living facilities

### **Sub-Track B6: Interior Typologies**

- Increasing well-being with biophilic design in healthcare interiors
- User Perception in Healthcare Interiors
- The importance of psycho- social profile of the user groups in healthcare interiors
- Discussions on the approaches in Healthcare (EBD, UCD, PCD etc.)
- Designing Interiors for Senior Well- Being
- Effects of healthcare design on Healing Process
- The role of healthcare design on stress
- Healthy building interiors using environmentally friendly materials

### **Sub-Track B7: Other Typologies**

- Questioning new educational models in kindergarden interiors: The case of ...
- Questioning new educational models in primary school Interiors: The case of ...
- Workplace design: interior design possibilities for creative office environment

### **Sub-Track B8: Interdisciplinary Aspect of Interiors**

- Questioning the fictional spaces of ... in terms of ....
- Analyzing fictional interiors
- Analysis and Reconstruction of interiors in historical travelogues

## **TRACK C**

### **ENVIRONMENTAL TECHNOLOGIES**

**Definition:** This module focuses on both the theoretical knowledge on energy-efficient building design and the implementation of it to architectural design projects. Students of this module are expected to specialize in the principles and methods of energy-efficient building design, bioclimatic design, passive solar architecture and interior life cycle analysis.

**Coordinator/Advisor:** Assist.Prof. (PhD) Belgin TERİM ÇAVKA

**Research Assistant:** Res.Asst. Selin AKTAN

#### **Instructors:**

- Assist.Prof. (PhD) Belgin TERİM ÇAVKA
- Assist.Prof. (PhD) Ecehan ÖZMEHMET
- Assist.Prof. (PhD) Kenan Eren ŞANSAL
- Assist.Prof. (PhD) Zeynep SEVİNÇ KARCI

#### **Research Areas:**

- Passive design strategies with contemporary materials/ techniques
- Energy efficiency optimization in interior design strategies
- Healthy building interiors
- Indoor environmental control measures in studio projects
- Natural ventilation techniques for health care interiors
- Optimization of self-sustaining temporary post-disaster housing unit
- Embodied carbon and energy of construction materials
- The effect of user behavior on IEQ parameters
- Methods for improving IAQ
- Passive and active ventilation techniques for achieving IAQ
- Sustainable building materials
- Sustainability indicators in architectural design education
- Performance evaluation of building materials for sustainable
- Analysis of education facilities in the context of healthy building criteria
- Sustainable assessment building models
- Healthy buildings
- Measuring the bioclimatic design principles on ..... building types
- **LIGHTING (ARTIFICIAL & DAYLIGHT)&ACOUSTIC**
- Appropriate lighting for elders
- Interior shading elements
- Design optimisation for better daylight availability and visual comfort
- Effects of Light and Lighting on Human Psychology
- Effects of Light and Lighting on Human Physiology
- Effects of Light and Lighting on Human Behaviour
- Building noise control and sound insulation applications
- Recent innovations in acoustical design and research
- The behaviour of sound in interior design
- The design of rooms for speech and music
- Acoustic modelling optimization and simulation techniques
- Acoustical materials and methods