

**METU FACULTY OF ARCHITECTURE
DEPARTMENT OF CITY AND REGIONAL PLANNING
CRP 401 Planning Studio VII, Fall 2009**

Instructors: Assoc.Prof.Dr. Baykan Günay, Assoc.Prof.Dr. Nil Uzun, Assoc.Prof.Dr. Ela Babalık-Sutcliffe, Asst.Prof.Dr. Bahar Gedikli, Part-Time Instr. Turgay Günel, Part-Time Instr. Ömer Kiral, Part-Time Instr. Müfit Bayram, Res.Asst. Pelin Sarioğlu, Res.Asst. Özgül Acar, Res.Asst. Mehmet Penbecioğlu

Time: Monday, Tuesday, Thursday 13.40-17.30

CRP 401 Studio Topic:

ANTAKYA PLANNING AND DESIGN PROJECT

I. ORGANIZATION OF THE PLANNING STUDIO

CRP 401 Planning Studio will be organized as “team work” of 3-4 students, each of which preferably belongs to the 4 different modules of the Undergraduate Program of Department of City and Regional Planning:

- Urban Design
- Urban Policy
- Environment, Infrastructure and Transportation
- Urban and Regional Economic Development

II. STUDIO PROCESS

The studio work will be composed of four phases:

1) Analyses of the physical, economic, social, and environmental components of the Antakya Planning Area under the following topics by different Teams:

• Geo – morphology, Hydrology, Vegetation, Climate & Risk Analysis

Analysis of the geomorphology, hydrology, vegetation and climate; suitability of the geomorphological setting for urban development; conflicts/problems caused by urban development, risks factors in the area (earthquake, flood, landsliding, etc.) current measures against risks, etc.

• Demography and Government Structure

Analysis of the population trends in the Antakya Region; local government structure and interrelations; cross-border administrative relations (if any)

- **Economic and Social Structure; Agriculture, Industry, Commerce, Tourism sectors**

Analysis of the Region in terms of economic sectors; their share in the overall production/employment, trends, emerging sectors, declining sectors, spatial distribution of sectors in the Region

- **Central Places, Social Infrastructure**

Analysis of the region in terms of central places hierarchy of places, distribution of social infrastructure (health, education, culture, recreation) among these central places; analysis of the social infrastructure also at the urban scale

- **Housing (authorized-unauthorized)**

Development and redevelopment of the housing stock; and changing characteristics of residential settlements (physical, economic, demographical, social, etc.)

- **Land-Use, Population Density, Building Density, Ownership**

Preparation of the existing land-use map of Antakya, together with the analyses of population density, building density and ownership

- **Centers and subcentres (4 students)**

Location and characteristics (pattern, density, uses) of the centers and other sub-centers, their interrelations, and the employment trends.

- **Conservation Area (Urban Historical Site)**

Analysis of the historical environment (spatial distribution, pressures on them, physical, social, economic characteristics, pattern analysis)

- **Planning History**

Analysis of the past plans and current plan, planning/implementation conflicts (if any), cross-border planning for natural/historical preservation (if any)

- **Transportation (inner-city, regional)**

Historical analysis of the characteristics of the transport system; changes in the transport demand, modal split, investments; current and planned projects.

- **Energy, Infrastructure-Communication Network**

Historical analysis of drinking water, sewage, wastewater infrastructure and communication network; analysis of the energy resources specific to the area (wind, coal, wave, etc), evaluation of their current use, and examination of sustainable use of these resources.

- 2) **Formulation of preliminary development scenarios and strategies for the Antakya Region on a sub-regional map for 2025**
- 3) **Finalization of development scenarios and strategies for the Antakya Region, and preparation of preliminary settlement-scale plans for Antakya for 2025**
- 4) **Finalization of settlement-scale plans for Antakya for 2025**

III. FIELD SURVEY IN ANTAKYA (18-22 October, 2009)

During the field trip, students are expected to collect required data in the area to revise and improve their group works of the first phase. Meetings can be arranged with planning professionals of the Antakya Municipality.

IV. PRESENTATIONS

PHASE 1:

After the field trip, the groups will develop presentations regarding their sectoral analyses in Antakya.

Class Presentation 1: Presentation of the research findings of the analyses groups
Requirements: Maps, Graphics, Charts, etc. (*level of analysis and scales are optional*).
*The presentation should cover **at most two A-0 sheets**.*
Submission of the requirements: 1st November, 2009
Class presentation 1: 2nd-3rd November, 2009

PHASE 2:

Formulation of preliminary development scenarios strategies for the Antakya Region on a sub-regional map for 2025

The groups (preferably with one student from each of the 4 modules) will formulate development scenarios strategies for the Antakya Region for 2025 with regard to the findings of the Phase 1.

Class Presentation 2: Presentation of the preliminary regional strategies for 2025.
Requirements: A strategic spatial plan at the sub-regional scale, graphics, charts, etc.
Submission of the requirements: 22nd November, 2009
Class presentation 2: 23rd-24th-26th November, 2009

PHASE 3:

Finalization of development scenarios and strategies for the Antakya Region, and preparation of preliminary settlement-scale plans for Antakya for 2025

The groups (of 4 students), with respect to the criticisms taken in the previous jury presentations, will finalize the sub-regional plans. Then, each group will be divided into two to work at the settlement scale. Depending on the development scenarios and strategies for the Antakya Region, the groups will develop preliminary settlement-scale plans.

Class Presentation 3: Presentation of the finalized sub-regional plans, and preliminary settlement-scale land-use plans for 2025

Requirements: A strategic spatial plan at the scale of 1/25 000, a settlement land-use plan, Graphics, Charts, etc.

Submission of the requirements: 20th December, 2009

Class presentation 3: 21st-22nd-24th December, 2009

PHASE 4:

Preparation of settlement-scale plan(s) for Antakya for 2025

With respect to the criticisms taken in the previous jury presentations, the groups (of 2 students) will finalize settlement-scale plans.

Class Presentation 4 (Final Jury): Presentation of the settlement-scale land-use plans for 2025

Requirements: Settlement Development Plan, Graphics, Charts, etc.

Submission of the requirements: 6th December, 2009

Class presentation 4: 7th-8th January, 2010

TOPICS OF ANALYSIS

REGION	Geo – morphology Hydrology Vegetation Climate	Demography Government structure	Economic and Social Structure Agriculture, Industry, Commerce, Tourism sectors			Central Places	Planning History	Transport	Energy	Infrastructure and communication
URBAN	Risk Analysis	Land-Use Population Density Building Density Ownership	Centres and Subcentres Analysis of pattern (doku analizi)	Housing Analysis of pattern (doku analizi)	Conservation Area (SIT) Analysis of pattern (doku analizi)	Social Infrastructure -Health -Education - Culture -Recreation				

- 1 – Geomorphology, Hydrology, Vegetation, Climate + Risk Analysis
- 2 – Demography, Government Structure + Economic and Social Structure, Agriculture, Industry Commerce, Tourism sectors
- 3 – Land-Use Analysis: Population Density, Building Density, Ownership
- 4 – Centres and Subcentres: Analysis of pattern (doku analizi)
- 5 – Housing: Analysis of pattern (doku analizi)
- 6 – Conservation Area (SIT): Analysis of pattern (doku analizi)
- 7 – Central Places + Social Infrastructure (health, education, culture, recreation)
- 8 – Planning History
- 9 – Transport
- 10 – Energy + Infrastructure and Communication