

Course Objectives:

- Learn how to evaluate plans and policies in the planning process;
- Learn qualitative and quantitative methods and techniques in urban planning;
- Strengthen student's ability toward forecasting techniques;
- Expose students to more sophisticated techniques of urban analysis in the form of planning mathematical methods;
- Integrate knowledge on the use of urban methods and technique with practical case studies and applications.

Topic Covered

- Introduction: Definitions, Levels of Planning, Land use and Urban Planning process
- The Use and value of Urban Planning: Why Do We Need Urban Planners? , Examples of Planning Successes in Western European and American Cities
- The Comprehensive Planning in the 20th Century;
- Towards a new planning process: A Guide to reorienting Urban Planning
- The need for regulation. Zoning. Betterment of living conditions: the utopians.
- Transportation. Transportation planning and land use. The Effect of Neighborhood Growth on Transportation System
- Towards a new planning process: Types of plan, Critique of traditional approaches to urban planning, Towards a sustainable healthy city, **Local Agenda 21**, Towards healthy cities, A new urban planning paradigm, Working for integration, Integrating environmental and urban planning, Reorienting urban planning.
- Social Sustainability: what is Social sustainability, **Why is it Important to Consider Social Sustainability? How do we Consider Social Sustainability in Planning?**
- Notes on the Planning Process in Jordan.

Evaluation

Midterm Exam: 20%
Works: 40%

Final Exam: 40%

Bibliography:

- Arthur b. Gallion, Simon Eisner: The Urban Pattern. City Planning and Design, New York 1986
- Houghton, Evan, W., Architecture & urban Design, London 1978.
- Gordon E. Cherry, ed. Shaping an Urban word 1980.
- Levy J.M. Contemporary Urban Planning
- Lynch K., The Image of the City, Cambridge, 1971
- Ractliff, A., A Introduction to Town and Country Planning 1974.
- Susan S. Fainstein & Scott Campbell. Eds. Readings in Urban Theory 1996