

ARCHITECTURE & DESIGN

1. SECTION URBAN STUDIES

URBAN HISTORY

History of the Development of Urban Settlements, etc.

URBAN SOCIOLOGY

Sociological Study of Urban Settlements and Their Role in the Development of Society, etc.

URBAN CULTURE

Study of Urban Ethnography, Various Cultures, Beliefs, Norms and Values, etc.

URBAN SUSTAINABILITY

Smart Growth, Usage of Renewable Sources of Energy for the Infrastructure, Eco-taxes, Reducing Pollution, Efficient Use of Land, etc.

URBAN DESIGN

Design of Groups of Buildings, Streets, Public Spaces, Neighborhoods, Districts, etc.

ANCIENT URBANISM

Greek, Roman and Early Islamic Cities and Urbanism in the Mediterranean and Western Asia During the Ancient Times, etc.

URBAN INFRASTRUCTURE

Water Supplies, Sewers, Electrical Grids, Telecommunications and Other Structures, Systems and Facilities, etc.

URBAN ECONOMY

Study of the Location Decision-making, Urban Land and Housing Markets, Local Government Finance, etc.

URBAN GOVERNANCE

Study of Legal Frameworks, Efficient Political, Managerial and Administrative Processes, etc.

URBAN TECHNOLOGY AND NETWORKS

Smart Cities, Technical Processes, Methods, Study of the Complex Interconnections between Urban Settlements, Nodal Points of Exchange, etc.

URBAN EDUCATION

Study of the Process of Facilitating Acquisition of Knowledge and Learning in the Urban Settlements, Education Policies, Education Infrastructure, etc.

MEGACITIES

Study of the Formation of Megacities, Factors and Causes, Case Studies, Growth Factors, Historical Development, Environmental Issues, etc.

2. SECTION PLANNING & DEVELOPMENT

LAND USE PLANNING AND DEVELOPMENT

Land use, Housing Needs and Construction, Open Space, Planning and Zoning, Transportation and Multimodal Networks, etc.

BIG ZONES PLANNING AND DEVELOPMENT

Parks, Cemeteries, Campuses, Industrial Zone Planning, etc.

SPECIAL ZONES PLANNING AND DEVELOPMENT

Goals, Plans, Benefits, Watershed Planning and Management, Floodplain Management Planning, Long-range planning, Residential and commercial plans, etc.

PLANS AND CONTROL

Plans, Master Plans, Plan Reviews, Development Control, etc.

URBAN PLANNING

Vision and Targets, Urban Planning as a Response to Changed Environment, Local Implications, etc.

PLANNING AND PLANNING PROCESS

Efficiency and Pervasiveness of Planning, Psychological and Neuropsychological Aspects of Planning, Planning in Public Policy, etc.

PLANNING INSTITUTIONS AND BODIES

Government, Local Authorities, Special Bodies, International Bodies, etc.

REGULATIONS AND COMPLIANCE

Permits, Inspections, Guidelines, Codes, etc.

COMMUNITY AND PUBLIC WORKS PLANNING AND DEVELOPMENT

Economic, Soil and water conservation, Water and sewer, Engineering – Streets, Docks, Harbours, etc.

HISTORIC HERITAGE PRESERVATION

Regulations and Professional Standards for Heritage Preservation and Restoration, Venice Charter, Historic Heritage Preservation, Emergency Preservation programs, etc.

FUNDING OPPORTUNITIES AND PROGRAMS

Funds and Grants, Community Planning and Development Grants, Start-up and Pre-development Funding, etc.

3. SECTION ARCHITECTURE & DESIGN

HISTORY OF ARCHITECTURE

Prehistory, Early Civilizations, Greece, The East, Rome, Buddhism, Rock-cut architecture, Early Christian Churches, Islam, Middle Ages, 15th -19th century etc.

ARCHITECTURAL THEORY

Architectural Design values, Mathematics, Pattern Language, Proportion, Space Syntax, Architecture Criticism etc.

ARCHITECTURAL STYLES

Modern Architecture, Postmodern Architecture, Deconstructivism, International Style, Brutalism etc.

ARCHITECTURAL PRACTICE

Architectural Drawing, Technical Drawing, Building Project, Building Code, Cost and Project Management etc.

RESPONSIVE ARCHITECTURE

Measure of Environmental Conditions, Adaptation, Responsive Technologies, Sensors, Control Systems, Actuators etc.

ARCHITECTURE AND SOCIETY

Architecture New Role, Social Function of Space, Space as Composition and Social Interaction etc.

INTERIOR ARCHITECTURE

Re-use and Transformation, Innovative and Progressive Approaches, Structural Systems Design, Interior Design, Professional Responsibilities and Standards etc.

LANDSCAPE ARCHITECTURE

Urban Planning and Design, Site Planning, Stormwater Management, Environmental Restoration, Parks and Recreation Planning, etc.

ARCHITECTURAL ENGINEERING

Heating, Ventilation and Air Conditioning, Plumbing, Rain Gutter Systems etc.

ARCHITECTURE, GRAPHICS AND INDUSTRIAL DESIGN

History, Definitions, Process, Functionality and Usability of Products etc.

ARCHITECTURE and URBANISM – URBAN DESIGN

Habitable and Sustainable Cities, Intelligent Building, Architecture and Urban Planning etc.

DESIGN AND TERMINOLOGY

History, Design and Development, Graphic Design, Ceramics and Glass Art, Product Design, Textile Design, Art Design, Engineering Design, Process Design etc.

DESIGN AS A PROCESS

The Rational Model, Example Sequence of Stages etc.

DESIGN AS A METHOD

Synthesis, Tactics and Methods, Evaluation and Decision Methods, Managing Structural Complexity etc.

SOCIOTECHNICAL ISSUES IN DESIGN

Beyond Design, Social Networks, Sustainability in Global Framework, Consumers' Needs for Products and Services etc.

PHILOSOPHIES AND STUDIES OF DESIGN

Philosophies for Guiding Design, Approaches to Design, Methods of Designing etc.