The field of urban planning. Development of urban areas throughout human history. Local level. Issues in central cities, suburbs, and relationship of these continuing influences to cultural factors in contemporary urbanism.

Critical issues in power and decision making at a democratic society. Application of the physical design processes from mathematical, graphical and logical analysis. Definition of Social Planning. Techniques for identifying problems of resource access, and survey of attributes and skills necessary to improve delivery and participation. Field work with neighborhood organizations and planning agencies. Field trips required.


Comparison of urban housing policies in selected countries, such as Great Britain, Italy, Poland, the Soviet Union, the Scandinavian countries, the United States, and the Federal Republic of Germany. Historical and political foundations of contemporary urban policy, stressing federal policies from public housing to general revenue sharing. Role of power and influence in policymaking process.

Interdisciplinary approach to housing as a societal institution; cultural, physical and economic characteristics of housing; housing problems, governmental policies and assisted housing programs. Future developments, policy alternatives and needs.

Comparing the new attitude toward preservation—historic districts and neighborhoods—adaptive use, documentation and tools for preservation; a project based on field research.

The contemporary role of federal urban policy, the new attitude toward preservation—historic districts and neighborhoods—adaptive use, documentation and tools for preservation; a project based on field research.

410. Computer Applications in Planning and Landscape Architecture
Spring, 3(2-2) CPS 115 or CPS 120, approval of school.
Computers in planning and landscape micro-computers and interactive terminals. Application of various programs and software: simulation models, scheduling techniques, project assessment and management, spread sheets, data base management, word processing.

411. Housing: Developing Societies
Fall, 3(3-0)
Housing problems relative to public policy, urban development, population characteristics and change, financing, land and tenancy issues. Projects as examples of public and private initiatives. Comparative analyses of housing systems.

412. Housing: Industrialized Societies
(RES 465.) Winter, 4(4-0) Juniors. Interdepartmental with the Department of Human Environment and Design.
Comparison of urban housing policies in selected countries, such as Great Britain, Italy, Poland, the Soviet Union, the Scandinavian countries, the United States, and the Federal Republic of Germany.

432. Foundations of Urban Policy (UMS 432.) Fall, 4(4-0) Juniors.
Historical and political foundations of contemporary urban policy, stressing federal policies from public housing to general revenue sharing. Role of power and influence in policymaking process.

433. Housing: United States
Spring, 3(3-0)
Interdisciplinary approach to housing as a societal institution; cultural, physical and economic characteristics of housing; housing problems, governmental policies and assisted housing programs. Future developments, policy alternatives and needs.

434. Research Methods in Planning
Winter, 4(4-0) U P 341.
Methods for investigation and analysis of urban phenomena; models, data and techniques used in mathematical, graphical and logical analysis.

435. Spatial Design
Winter, Spring, 4(2-4) U P 200; L A 120 or BCM 215.
Urban community functional physical elements at various scales. Laboratory work on planning problems related to human activity flow, terrain and structures, including land subdivision design.

436. Comprehensive Planning Process
Spring, 3(3-0) U P 233.
Theory and application of coordinated planning for urban development, including policies and development plan formulation, programming, evaluation, review and revision of policies and plans.

440. Urban Development and Planning
Fall, 3(3-0) Credit may not be earned in U P 233 and U P 400. Juniors. Not open to majors in Urban Planning.

461B. Comprehensive Planning
Winter, 4(0-8) U P 461A.
Continuation of U P 461A.

462. Fiscal Planning
(362.) Winter, 3(3-0) U P 363 or U P 400 or approval of school.
Analysis of costs associated with plan implementation, redevelopment, and preservation. Relationship between the budgeting process and the fiscal implications of planning.

463. Urban Development Programs
Spring, 4(2-4) U P 461B, U P 472.
Current governmental programs affecting urban development and renewal, grants process, proposal preparation. Application of appropriate programs to laboratory community as parts of comprehensive planning implementation strategy.

464. Historic Preservation
Winter, 3(3-0) Seniors, approval of department. Interdepartmental with and administered by History of Art.
History and philosophy of historic preservation; the new attitude toward preservation—historic districts and neighborhoods—adaptive use, documentation and tools for preservation; a project based on field research.

465. Internship in Urban Planning
Fall, Winter, Spring, Summer. 2(0-8) or 3(0-12) or 4(0-16) May reenroll for a maximum of 8 credits. Senior majors; approval of school.
Individual experience in approved agencies and departments in the Lansing area.

466. Independent Studies in Urban Planning
Fall, Winter, Spring, Summer. 2 credits. May reenroll for a maximum of 4 credits. Senior majors; approval of school.

467. Special Problems
Fall, Winter, Spring, Summer. 2 to 6 credits. May reenroll for a maximum of 6 credits. Approval of school.

468. Contemporary Urban Politics, Policy and Planning
Winter, 3(3-0) Approval of school.
The contemporary role of federal urban policy, and relationships between selected key areas of urban policy and urban planning. Approved through Summer 1986.

469. Background of Urban Development Planning
Fall, 3(3-0)
American urban development from 1620 to the present, including shifts in technology and social forces that influenced development patterns. Problems faced by the professional planner are emphasized.

811. Advanced Quantitative Methods in Geography and Planning
Spring, 4(4-0) Approval of department, GEO 427. Interdepartmental with and administered by the Department of Geography. Statistical and mathematical approaches to spatial distributions and areal data.
Introduction to Design
Winter. 3(0-6) U P 826 or approval of school.
Studio course emphasizing the role of planning in shaping the process of urban growth and development, and the role of physical form and structure in influencing cultural patterns.

840. Administration and Professional Practice
Winter of even-numbered years. 3(3-0) Majors or approval of school.
Expanding scope of urban planning and implications for administration; organizations for administration; relationship to governmental operations, to other professions, to public. Staff functions and responsibilities; administrative instruments; practice of the consultant; professional ethics.

842. An International Comparative Study of Urban Planning
Winter of odd-numbered years. 3(3-0) Urban growth patterns; types, roles and design theory of new cities; techniques and organization for urban growth; selection of subject areas will be made according to the class composition.

850. Housing Program Planning
Spring of even-numbered years. 4(2-4) Approval of school.
Regulation, stimulation, salvage, and replacement of housing through public policy and administrative procedures. Increasing role of private initiative as partner to public action through conservation, rehabilitation, and redevelopment practices. Evaluation of trends and needs; analysis of case studies.

854. Urban Transportation Planning
Spring of even-numbered years. 4(2-4) Approval of school.
Examination of travel, land use, and transportation networks. Transportation planning data, processes, and plans, and their implication on theory and practice of metropolitan planning. Field work in current transportation issues.

855. Urban Land Policy and Regulation
Spring of odd-numbered years. 4(2-4) Approval of school.
Public land use policy and legislation, and implementing governmental actions. Land use controls exercised by several levels of government. Field work in development and application of land use control instruments.

862. Development Planning and Administration
Spring of odd-numbered years. 4(2-4) Approval of school.
Measurement of urban obsolescence and deterioration with accompanying analysis of symptoms and causes for a selected community. Comprehensive plan for urban renewal and development objectives will be developed and one or more project areas will be studied and processed in accordance with most effective techniques and administrative procedures. Emphasis to be placed on the objective of unified, revitalized community development.

889. Internship in Urban Planning
Fall, Winter, Spring, Summer. 2 or 3 credits. Approval of school.
Individual experience in approved agencies and departments in the Lansing area.
Significant natural conditions and cultural characteristics, activity requirements, recreation site developments, parks and special use areas.

346. Housing Site Design
Winter. 4(2-4) Major; or approval of school.
Application of site planning principles and landscape design methods to representative site development projects, with emphasis on housing requirements and opportunities.

348. Community Projects Design
Spring. 4(2-4) Major; or approval of school.
Application of site planning principles and landscape design methods to comprehensive site development projects, with emphasis on public and institutional requirements and opportunities.

350. Planting Design Theory
(LA 250.) Fall. 4(2-4) HRT 212, Junior majors; or approval of school.
Principles and procedures for arrangement of plant compositions, emphasizing the perceptual characteristics of plants by means of models, sketches and plans, and potential applications to landscape developments. Field trips required.

353. Planting Plans
Spring. 3(2-2) Junior majors.
Principles and procedures for selection and arrangement of plant materials for specific uses, including climate modification, spatial definition, circulation control, and soil and water conservation, as expressed by planting plans and specifications.

370. History of Environmental Development
Spring. 3(2-2)
Significant natural conditions and cultural characteristics have influenced attempts to organize and design the physical environment, as expressed in historic landscape development styles and movements.

379. Landscape Architecture Field Studies
Fall. Winter. Spring. 2 to 4 credits.
May reenroll for a maximum of 8 credits. Approval of school.
Field trips to contemporary and historical site and regional zones within or outside the United States. Prior and post study required.

401. Environmental Land Planning
Winter. 3(3-0)
Principles and methods of ecologically based land planning, stressing management and natural resources in relationship to growth and development; includes current environmental planning and development at local and state levels.

401A. Environmental Planning Application
Winter. 1(0-2) LA 401 concurrently.
Sample design exercises applying environmental land planning theory from LA 401 to select landscapes.

403. Urban Design Theory
Spring. 3(3-0)
Concepts and procedures for the organization, design and development of public and private urban forms and spaces, including survey of urban elements, cultural, ecological and aesthetic considerations, and interdisciplinary collaboration.

403A. Urban Design Applications
Spring. 1(0-2) LA 403 concurrently.
Sample design exercises applying urban design theory from LA 403 to select urban landscapes.

423. Professional Graphics
Spring. 4(1-6) LA 321.
Applications of advanced sketching, perspective and rendering techniques for typical professional presentations, including prints, reproductions, photography and multi-media audio-visual communications.

437. Design Implementation
Winter. 4(1-6) Senior majors, LA 480 concurrently; CPS 115 or CPS 120.
Preparation of a complete package of contract documents including the use of computer technology for a representative site development project including typical construction drawings, specifications and cost estimates.

471. History of Landscape Architecture
Winter. 3(2-2)
Environmental design concepts and projects from 1850 to the present time, with emphasis on the development of the profession and practice of landscape architecture in the United States.

480. Professional Practice
Winter. 4(3-2) Senior majors, LA 437 concurrently.
Principles and procedures of professional office practice, including ethics, client relations, registration, inter-professional collaboration project management and marketing of professional services.

483. Landscape Architecture Seminar
Spring. 3(2-2) Senior majors.
Research presentation and discussion of significant current issues, trends, events and opportunities relating to contemporary theories and practices of landscape architecture.

489. Landscape Architecture Internship
Fall, Winter, Spring, Summer. 2(0-8) or 3(0-12) or 4(0-16). May reenroll for a maximum of 8 credits. Juniors, approval of school.
Supervised experience in approved public agencies and professional offices. Bi-weekly conferences.

490. Special Problems
Fall, Winter, Spring. 2 to 5 credits. May reenroll for a maximum of 12 credits. Approval of school.
Investigation, for advanced undergraduate students in landscape architecture, developed from special interest areas.

499. Landscape Architecture Design Thesis
Fall. 4(1-6) Senior majors; or approval of school.
Demonstration of analytical, creative and technical competencies in the development of methods and/or concepts leading to design solutions for contemporary landscape architecture problems for public service projects.