URBAN PLANNING AND
LANDSCAPE ARCHITECTURE

College of Social Science

Urban Planning

203. Design of Cities
(103) Fall, 3(3-0)
Examination and evaluation of the urban environment, with emphasis on the visual characteristics and their influences upon human perceptions and activities. Contemporary design considerations.

231. Evolution of Urban Communities (S)
Fall, Spring, Summer, 4(4-0)
Forces which promoted urban development and shaped urban areas throughout human history. Relationships of these continuing influences to current urban concerns. Historical bases of cultural factors in contemporary urbanism.

233. The Role of Planning in Urban Development
Winter, 3(3-0)
Contemporary formal and informal roles of urban planners in various levels of government and private institutions. Influence exerted upon urban and regional development by governmental and private organizations.

243. Planning Communication
Fall, 4(4-0)
Development and presentation of planning materials emphasizing the coordination of speaking, writing, and graphic skills.

311. Site Planning and Construction
Winter, Spring, 3(3-0) Building Construction majors.
Elementary problems emphasizing physical development of specific sites involving population densities, architectural forms, grading, public utilities, traffic and parking, and functioning street patterns.

335. Power, Policy, and the Metropolis
(UMS 335) Spring, 4(4-0) Juniors.
Critical issues in power and decision making at a local level. Issues in central cities, suburbs, and metropolitan regions. Stress the interaction between policy and social and economic forces.

341. Urban Planning Methods of Analysis
Fall, 3(3-0) Juniors in urban planning or approval of school.
Types of urban planning variables and methods of application to planning studies. Study design for basic planning investigations, and technique of investigation.

342. 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.

351. Spatial Design
Spring, 4(2-4) U P 233, U P 243.
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.

352. Urban Design Problems
Winter, 4(0-8) U P 231.
Application of the physical design processes from the scale of individual element groupings to complete community units in a two and three dimensional context.

362. Fiscal Planning
Winter of even-numbered years, 3(3-0) U P 233 or U P 400.
Analysis of costs associated with plan implementation, redevelopment, and preservation. Relationship between the budgeting process and the fiscal implications of planning.

363. 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.

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

431. International Housing Developments
Fall, 3(3-0)
Importance and types of governmental housing programs in reference to urban design, financial policies and land issues. Projects and programs selected primarily from underdeveloped countries.

432. Perspectives on Housing Policies in Selected Industrialized Countries
(RES 463) Winter, 4(4-0) Juniors. Interdepartmental with the Department of Human Environment and Design.
Urban housing policies in selected countries, such as Great Britain, Italy, Poland, Russia, Scandinavia, United States, and West Germany.

433. Human Shelter
Spring, 3(3-0)
Interdisciplinary approach to shelter; role of shelter in the community housing as a cultural, economic, and institutional force; future developments and needs.

442. 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.

443. Urban Policy Analysis
(UMS 430, UMS 433) Winter, 4(4-0) U P 342 or approval of school.
The nature of contemporary American urban public policy. The institutions and processes that affect urban policy. Theory and methodology of public policy analysis relating to selecting urban issues.

450. Social Planning
Winter, 3(2-2) U P 363, U P 400 or graduate students.
Definition of Social Planning. Techniques for identifying problems of resource access, and surveys of attributes and skills necessary to improve delivery and participation. Field work with neighborhood organizations and planning agencies. Field trips required.

460. Planning Practice
Fall, 3(3-0) Senior urban planning major or U P 400.
Administration of urban planning in relationship to governmental operations, other professions and the public. Emphasis on staff functions and responsibilities, consultant practice, and professional ethics.

461A. Comprehensive Planning
Fall, 4(0-8) U P 363.
Collection, analysis and synthesis of planning information for an established urban area and region. Formation of comprehensive physical development policies and plans, and implementation programs.

461B. Comprehensive Planning
Winter, 4(0-8) U P 451A.
Continuation of U P 461A.

461C. Comprehensive Planning
Spring, 4(6-8) U P 461B, U P 471.
Continuation of U P 461B.

471. Ecological Basis for Planning
Fall, 3(3-0) Seniors.
Ecological principles, relationships and interaction between natural and man-made elements of the environment; critical review of environmental planning projects at local, state and national levels.

472. Urban Development Regulation
Winter, 3(3-0) Seniors.
Public and private regulations basic to regulations influencing urban development; state enabling legislation and regulations, local ordinances, especially for zoning and subdivision regulations.

473. Urban Development Programs
Spring, 3(3-2) U P 472.
Current federal and state programs which affect local development and renewal. The grants process, including requirements, proposal preparation.

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

480. 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.

490. Independent Studies in Urban Planning
Fall, Winter, Spring, Summer. 2 credits. May reenroll for a maximum of 4 credits. Senior majors, approval of school.
800. Special Problems
Fall, Winter, Spring, Summer. 2 to 6 credits. May reenroll for maximum of 6 credits. Approval of school.

808. Background of Urban Development Planning
Fall. 3(3-0)
American urban development from 1820 to the present, including shifts in technology and social forces that influenced development patterns. Problems faced by the professional planner are emphasized.

Winter. 3(3-0) STT 201 or STT 421 or approval of school.
Basic quantitative techniques used in planning, including statistics, linear methods, and network methods. Introduction to use of the computer. Intended for students with limited background in mathematics.

815. Research Methods in Urban Planning: Applications to Planning Problems
Spring. 3(3-0) U P 814.
Applied techniques used in planning research. Analysis and forecasting of urban population, economic activity, and land use. Analysis of transportation and other community facilities.

816. The Planning Process
Fall. 3(3-0)
Basic research and survey methods, and procedures used by the professional planner in developing a comprehensive plan.

818. Planning Process Theory
Winter. 3(3-0) U P 828 or approval of school.
Planning as a decision-making process, methods for defining goals in public and private planning programs, role of planning in public, policy, formulation, planning, and for positive human-environment relationships.

819. Planning Theory: Theories of Urban Forms and Structure
Spring. 3(3-0) Approval of school.
Idealized urban forms, theories and models in urban form and relates to function and location of urban activities.

824. Legal Bases for Planning
Winter. 3(3-0) U P 473; approval of school.
Analysis of legislation pertinent to planning. Emphasis upon legislation for city and regional planning. Understanding and creation of special authorities with general planning responsibilities.

828. Planning Presentation Techniques
Fall. 3(1-4) Approval of school.
Communication skills utilized by planners to present policy proposals to governmental decision makers and citizens. Public speaking, writing, and small group leadership is integrated with essential planning graphic skills.

830. Development Project Evaluation
Spring. 3(2-1) Approval of school.
Planning evaluation methods and processes employed in the review of urban development proposals and projects, site plans, and public policies.

834. Planning Practicum I: Field Studies
Fall. 3(0-6) Completion of the first year MUP Core Program or approval of school.
Field experience in the collection, analysis, and synthesis of information by individual students or student groups, to develop solutions to specific urban problems.

835. Planning Practicum II: Plan Making and Implementation
Winter. 3(0-6) U P 834.
Based on research and study done in U P 834, the preparation of plans appropriate to the study area and subject. The design of statutory measures and administrative policies for implementation.

836. Introduction to Design
Winter. 3(0-6) U P 828 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)
Major or approval of school.
Expanding scope of urban planning and implications for administration; organizations for administration; relationships 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. 3(0-6) 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. 3(2-4)
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.

858. Urban Land Policy and Regulation
Spring of odd-numbered years. 3(2-6)
Approval of school.
Public land use policy and legislation, and implementing governmental actions. Land use control exercises 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. 5(2-6)
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(0-8) or 3(0-12) or 4(0-16) May reenroll for a maximum of 6 credits. Graduate students in Urban Planning; approval of school.
Individual experience in approved agencies and departments in the Lansing area.

897. Special Topics in Urban Planning
Fall. 2(2-0) May reenroll for a maximum of 6 credits if different topic is taken. Issues pertaining to urban planning as they arise out of current research, planning practice or the interplay of national and urban problems.

898. Master's Research
Fall, Winter, Spring, Summer. 2 or 3 credits. Approval of school.
The research component of the Plan B option for the MUP degree.

899. Master's Thesis Research
Fall, Winter, Spring. Variable credit. May reenroll for a maximum of 15 credits. Approval of school.

Landscape Architecture

106. Environmental Perception
Fall. 3(3-0)
Environmental design concepts, orientation to landscape architecture, including environmental inventories, objectives and aspects of public and private professional practice, and scope and types of landscape development projects.

110. Fundamentals of Design
Fall, Spring. 4(2-4)
Analysis and application of elements and principles of design in two and three dimensional expressions to abstract and spatial design compositions for environmental requirements.

120. Graphic Communication
Fall. 4(1-6)
Basic technical skills for graphic communication, mechanical and free-hand drafting and lettering, sketching, perspective drawing, use of graphic symbols, dimensioning, rendering, and reproduction methods.

201. Site Planning
Winter. 3(3-0)
Elements, principles and concepts for site development, including use area organization, orientation and siting of buildings, circulation and parking systems, spatial definitions and detail design considerations.
Courses

230. Landform Design
Winter. 4(1-6) Provisional majors.
Elements and principles of landform design, including natural, cultural and perceptual
considerations, and procedures used in the development of design concepts, with verbal and
graphic expressions. Field trips required.

231. Urban Design
Winter. 4(1-6) Provisional majors;
A major course in design of urban environments.

232. Advanced Graphic Design
Spring. 4(1-6) Junior majors.
Principles and procedures for the development of design concepts for urban environments,
including natural, cultural and perceptual considerations, and procedures used in the
development of design concepts, with verbal and graphic expressions. Field trips required.

233. Site Design
Fall. 4(1-6) Junior majors.
Principles and procedures for the development of design concepts for urban environments,
including natural, cultural and perceptual considerations, and procedures used in the
development of design concepts, with verbal and graphic expressions. Field trips required.

234. Site Planning
Spring. 4(1-6) Junior majors.
Principles and procedures for the development of design concepts for urban environments,
including natural, cultural and perceptual considerations, and procedures used in the
development of design concepts, with verbal and graphic expressions. Field trips required.

235. Planting Plans
Winter. 4(2-4) Junior majors.
Principles and procedures for the development of design concepts for urban environments,
including natural, cultural and perceptual considerations, and procedures used in the
development of design concepts, with verbal and graphic expressions. Field trips required.

236. Landscape Architecture Field Studies
Fall, Winter, Spring. 2 to 4 credits.
Field trips to contemporary and historical sites of landscape development.

237. History of Environmental Development
Fall. 3-2 credits.
Significant natural conditions and cultural events which have influenced man's attempts to
organize and design his physical environment, as expressed in historical landscape development
styles and movements.

238. History of Landscape Architecture
Fall. 3-2 credits.
Survey of the development of landscape architecture, including the evolution of design
concepts, with emphasis on historical developments and the role of the landscape architect.
Field trips required.

239. Professional Practice
Winter. 3-2 credits.
Principles and procedures of professional landscape architecture practice, including ethics,
client relations, registration, inter-professional collaboration and organization of operations
for design implementation. Field trips required.

240. Landscape Architecture Seminar
Spring. 3-2 credits.
Research presentation and discussion of significant current issues, trends, events and opportu-
nities relating to contemporary theories and practices of landscape architecture.

241. Landscape Architecture Internship
Fall, Winter, Spring, Summer. 2-3 credits.
Supervised experience in approved public agencies and professional offices.

242. Special Problems
Fall, Winter, Spring, Summer. 2-3 credits.
More advanced courses in the development of design concepts for specific problems and
opportunities relating to contemporary theories and practices of landscape architecture.

243. Professional Practice
Winter. 3-2 credits.
Principles and procedures of professional landscape architecture practice, including ethics,
client relations, registration, inter-professional collaboration and organization of operations
for design implementation. Field trips required.

244. Landscape Architecture Seminar
Spring. 3-2 credits.
Research presentation and discussion of significant current issues, trends, events and opportu-
nities relating to contemporary theories and practices of landscape architecture.

245. Landscape Architecture Internship
Fall, Winter, Spring, Summer. 2-3 credits.
Supervised experience in approved public agencies and professional offices.

246. Special Problems
Fall, Winter, Spring, Summer. 2-3 credits.
More advanced courses in the development of design concepts for specific problems and
opportunities relating to contemporary theories and practices of landscape architecture.