

PLANNING (PLAN)

PLAN 100. THE CITY. 5 Credits.

Satisfies: a BACR for social sciences.

Surveys the nature of transformations of cities during the course of their evolution from preindustrial to industrial to the postindustrial cities of today, and explains the factors that have contributed to these transformations.

PLAN 201. INTRODUCTION TO URBAN AND REGIONAL PLANNING. 5 Credits.

This lecture/discussion course uses a historical context to introduce the concepts, theories and applications of urban and regional planning.

PLAN 203. FUNDAMENTALS OF SURFACE HYDROLOGY. 5 Credits.

Cross-listed: GEOS 203.

Satisfies: a BACR for natural science.

This course is an introduction to surface hydrology. Hydrological process and the techniques used to measure them are the primary focus of this course.

PLAN 296. EXPERIMENTAL COURSE. 1-10 Credits.

PLAN 312. FUNDAMENTALS OF SOIL SCIENCE. 4 Credits.

Cross-listed: BIOL 312, GEOS 312.

Pre-requisites: MTHD 104 or completion of the Quantitative and Symbolic Reasoning requirement.

A general introduction to physical, chemical and biological properties of soils.

PLAN 315. WATER RESOURCES. 4 Credits.

Cross-listed: GEOS 315.

Pre-requisites: completion of the Quantitative and Symbolic Reasoning requirement.

Satisfies: a university graduation requirement—global studies.

A comprehensive examination of water resources. This class examines the role of the hydrologic cycle and the geography of freshwater in human-environment interactions with an emphasis on national and international water resource issues.

PLAN 317. RESOURCES AND CONSERVATION. 5 Credits.

Cross-listed: GEOS 317.

Pre-requisites: successful completion of at least one natural science BACR and ENGL 201.

Satisfies: a university graduation requirement—global studies.

Studies the nature and distribution of natural resources, and problems and principles of their use and conservation.

PLAN 325. WETLAND SCIENCE I. 4 Credits.

Cross-listed: BIOL 325, GEOS 325.

Pre-requisites: completion of at least one Natural Science BACR course.

An introduction to the fundamental processes that form and sustain wetlands. Emphasizes the distinctive hydrology, soils, and vegetation of wetlands and field experience in delineation. Examines issues of regulation. Focus is on Pacific Northwest wetlands.

PLAN 376. COMPARATIVE URBANIZATION. 4 Credits.

Pre-requisites: PLAN 201 or permission of the instructor.

Satisfies: a university graduation requirement—global studies.

A review of the nature of urbanization in developed and developing countries, examining planning-related issues associated with urbanization, overurbanization and counterurbanization in a variety of natural settings.

PLAN 395. INTERNSHIP. 1-10 Credits.

PLAN 396. EXPERIMENTAL COURSE. 1-10 Credits.

PLAN 398. SEMINAR. 1-5 Credits.

PLAN 400. PROFESSIONAL PRACTICE. 2 Credits.

Pre-requisites: sophomore standing.

This course provides new majors a general overview of the practice of planning through discussion with planning practitioners and guided student activities.

PLAN 402. PLANNING IMPLEMENTATION. 5 Credits.

Pre-requisites: PLAN 201 or permission of instructor.

A survey of zoning, subdivision regulations and other tools used to implement public plans and policies. Introduces students to the administrative practices associated with the planning implementation process.

PLAN 403. COMMUNITY FACILITIES PLANNING. 5 Credits.

An examination of the issues and techniques associated with planning, budgeting and programming for community infrastructure such as sewer and water systems.

PLAN 404. PLANNING METHODS AND TECHNIQUES. 5 Credits.

Pre-requisites: PLAN 201.

This course develops specific skills and techniques in the collection, analysis and interpretation of data commonly used in planning.

PLAN 405. PLANNING PRESENT TECHNIQUES. 5 Credits.

Pre-requisites: sophomore standing.

Introduces the written, oral and graphic presentation techniques common to the the planning profession.

PLAN 406. PLANNING LAW AND LEGISLATION. 5 Credits.

Pre-requisites: PLAN 201 or permission of instructor.

Reviews the constitutional, statutory and case law governing public planning and regulatory activities, with specific emphasis on the legal aspects of regulating private lands to further public objectives and Washington state law.

PLAN 407. COMMUNITY DEVELOPMENT. 5 Credits.

Pre-requisites: sophomore standing.

Applied studies of the process of community development emphasizing the interactive roles of citizens, community officials and planners.

PLAN 422. TRIBAL ECONOMIC DEVELOPMENT. 3 Credits.

This course provides an understanding of tribal economic development for tribal governments and how it is carried out by planners, economic development specialists and tribal leaders.

PLAN 430. ENVIRONMENTAL PLANNING. 5 Credits.

Surveys the philosophy and techniques of environmental planning, emphasizing an understanding of why environmental considerations should be incorporated into land use planning activities and developing skills needed to carry out an environmental analysis.

PLAN 431. ENVIRONMENTAL IMPACT STATEMENTS. 3 Credits.

Individual and team field work in the preparation of environmental impact statements. A review of state and federal environmental legislation and procedural requirements.

PLAN 435. PLANNING, POLITICS AND PUBLIC POLICY. 4 Credits.

Notes: may be stacked with PLAN 535.

"Planning, Politics and Public Policy" studies planning as a profession permeated with political dilemmas in a context marked by social, political and economic disparities. The course reviews planning in light of the politics of policy-making and questions the role of urban and regional planning in a democratic governance process.

PLAN 440. LAND USE PLANNING. 5 Credits.

Pre-requisites: PLAN 404, PLAN 405 and PLAN 430 or permission of instructor.

Explores the issues and methods of analyzing and organizing land uses in urban and regional environments by balancing the demand for uses with the environmental conditions that limit the supply of the land.

PLAN 441. SITE PLANNING. 5 Credits.

Pre-requisites: PLAN 430 or permission of the instructor.

A studio course in the application of site planning methods and principles to subdivision and site development.

PLAN 442. SUSTAINABLE COMMUNITIES. 3 Credits.

This course examines the case for sustainable urban and rural development and explores examples of efforts to create sustainable development.

PLAN 445. LAND DEVELOPMENT. 3 Credits.

A seminar in the financial feasibility analysis and packaging of land development projects with emphasis on the private land development process and its interaction with the public planning processes.

PLAN 450. TRANSPORTATION PLANNING. 5 Credits.

A lecture/studio class that explores the procedural and conceptual transportation planning process, including a framework for addressing system characteristics, institutional arrangements, theories of travel, supply and demand, selected forecasting models, and interactions with land use and other urban systems.

PLAN 451. WALKABLE COMMUNITIES. 2 Credits.

This course explores the relationship between urban form and pedestrian activity and the utility of having communities that are accessible and pedestrian friendly.

PLAN 460. URBAN DESIGN. 3 Credits.

This seminar explores the theory and techniques of analysis of the design of urban environments, emphasizing the impact local decision-making has on community aesthetics.

PLAN 464. GIS FOR URBAN AND REGIONAL ANALYSIS. 4 Credits.

Pre-requisites: junior or senior standing.

This course develops competency in geographic information systems (GIS) technology and its application to spatial analysis problems in planning. It does so in the context of applied, real-world planning and policy problems. Topics include data development and management, spatial analysis techniques, awareness of GIS applications, GIS hardware and software, and hands-on laboratory and application projects.

PLAN 470. COMMUNITY PARTICIPATION TECHNIQUES. 2 Credits.

Pre-requisites: PLAN 407 or permission of the instructor.

A workshop on the application of skills and techniques of community development and participation, emphasizing personal growth, group formation and dynamics, consulting with groups, and creative change within groups.

PLAN 471. RURAL AND SMALL TOWN PLANNING. 3 Credits.

Pre-requisites: PLAN 404 or permission of the instructor.

Discussion and research of the patterns of rural land use, emphasizing legislation, environmental characteristics, community values and anticipated land use demand.

PLAN 472. HOUSING. 3 Credits.

Pre-requisites: PLAN 201, PLAN 407 or permission of the instructor.

Discussion and research into the nature of shelter, housing need, policy and programs, codes and standards, and housing assistance plans.

PLAN 475. TRIBAL GOVERNANCE. 4 Credits.

Pre-requisites: ENGL 201 or permission of instructor.

Presents an overview of Native American community and culture, the history of tribal government, tribal businesses, contemporary structures, and the applications of strategic planning techniques to Native American communities. Emphasizes appropriate community development and planning techniques which promote tribal self-determination and preserve tribal sovereignty. Students will utilize contemporary tribal communities as a case studies approach to better understand tribal governance.

PLAN 490. SENIOR CAPSTONE: PLANNING STUDIO. 5 Credits.

Pre-requisites: completion of 15 credit hours of planning courses.

Satisfies: a university graduation requirement—senior capstone.

The culminating studio for undergraduates that demonstrates their abilities through the application of their knowledge and skills to a real community problem. Students typically work in consultation with practicing professionals for a community or agency in producing a planning-related product for use by the client.

PLAN 495. PLANNING INTERNSHIP. 1-10 Credits.

Pre-requisites: permission of the instructor, department chair and college dean.

Supervised work in a public agency or with a private consultant. Daily journals are kept, a report is written on the work, and the student is evaluated by the supervisor and faculty member. One hour credit for each four hours of work per week per quarter.

PLAN 496. EXPERIMENTAL COURSE. 1-5 Credits.**PLAN 497. WORKSHOP, SHORT COURSE, CONFERENCE, SEMINAR. 1-5 Credits.**

Pre-requisites: permission of the instructor, department chair and college dean.

Conferences and short courses on selected planning topics are offered for credit from time to time. These may be on campus or in the communities.

PLAN 498. SEMINAR. 1-5 Credits.

Selected seminar discussions of various planning topics: law, land development, energy, futures, philosophy and practice.

PLAN 499. DIRECTED STUDY. 1-5 Credits.

Pre-requisites: permission of the department chair and the instructor.

PLAN 500. PLANNING PRACTICE. 2 Credits.

This course provides an overview of the practice of planning through presentations and discussions with planning practitioners, lectures and guided student activities.

PLAN 501. FOUNDATIONS OF PLANNING. 5 Credits.

Survey of the history, theory, philosophy, and practice of planning. Subject matter treated during the course includes consideration of the nature of the planning profession's evolution, the profession's relationship to politics, the extent of ideological pluralism among planners, and the highly varied nature of professional planning activities.

PLAN 502. ADVANCED COMMUNITY DEVELOPMENT. 5 Credits.

A survey of the structure and process of community development. Emphasis will be on the role of planners and community development specialists as agents for change in the context of community growth. Course will feature seminars and exercises in community problem solving, needs assessment, small group theory and process facilitation.

PLAN 503. PLANNING METHODS I. 5 Credits.

An introduction to planning process models, work programs, research methods, survey research, and descriptive and inferential statistics. Students also learn to present data graphically and orally.

PLAN 504. PLANNING METHODS II: POPULATION AND ECONOMY. 5 Credits.

Pre-requisites: PLAN 503 or permission of instructor.

An introduction and application of population forecasting, economic analysis, and cost/benefit techniques and their application to planning problems. Students also learn to incorporate information from these techniques into professional planning reports and policy analysis.

PLAN 505. PLANNING IMPLEMENTATION AND LAW. 5 Credits.

Review of zoning, subdivision regulations, and other tools employed by planners to implement public plans and policies. Consideration of constitutional, statutory, and case law governing the realm of plan and policy implementation.

PLAN 506. PLANNING METHODS III. 5 Credits.

Pre-requisites: PLAN 503, PLAN 504, second year of graduate program.

This is a case studies course focused on comprehensive planning demonstrating how the techniques from previous courses are applied in a comprehensive planning setting and how the functional areas of planning interact with the basic models learned in the previous courses.

PLAN 507. ADVANCED PLANNING STUDIO. 5 Credits.

Pre-requisites: second year of graduate program.

Preparation of a major planning project for a community or other agency. Students work in cooperation with practicing professionals, conduct general research, perform analysis, develop specialized plans and draft implementation tools. Each student is assigned specific responsibilities on an interdisciplinary team.

PLAN 508. REFLECTIVE PLANNING THEORY. 3 Credits.

Pre-requisites: second year of graduate program, or permission of the instructor.

This course will present an overview of the range of the philosophical and methodological approaches to planning and their varying roles within the discipline. The emphasis is on examining professional knowledge and reflection in action to provide a contextual guide for planning practitioners as they enter the profession.

PLAN 510. COMMUNITY FACILITIES PLANNING. 5 Credits.

A seminar in the historical development of the planning profession in the United States tracing its roots from colonial town planning to the present. Emphasis is placed on the evolution of the profession and its efforts to cope with the changing urban environment.

PLAN 514. LOCAL ECONOMIC DEVELOPMENT PLANNING. 3 Credits.

This course offers a review of the objectives, strategies, and techniques associated with economic development programs for cities, counties and towns. Students survey techniques including consideration of financial assistance programs, expenditures on public capital, and regulatory reforms. The course will examine ties between economic development, land use planning, and capital budgeting processes.

PLAN 523. TRIBAL GOVERNANCE. 4 Credits.

Pre-requisites: in graduate program or permission of instructor.

This course will outline the unique context of tribal governments as sovereign nations under the federal government, examine the history and evolution of tribal government institutions within the unique tribal cultural systems and describe the role and relationship of governance and planning within such a framework.

PLAN 530. CONTEMPORARY AMERICAN INDIAN PLANNING. 3 Credits.

Pre-requisites: PLAN 523.

The purpose of this class is to provide a comprehensive overview and assessment of the current practice of planning on American Indian Reservations. Key topics include the powers to plan; the structures of tribal government and tribal planning; the tribal comprehensive plan; tribal planning regulations and ordinances; public engagement and tribal representation in tribal decision-making as part of planning; and critical research and development to identify and address long-term tribal needs and issues.

PLAN 532. AMERICAN INDIAN ECONOMIC DEVELOPMENT. 3 Credits.

The purpose of this class is to provide an understanding of tribal economic development for tribal governments, including data inventory, analysis, and how economic development is carried out by planners, economic development specialists, and tribal leaders. The class will review existing literature on tribal economic development, provide students with the skills and expertise to complete economic development analysis of tribal data and develop strategies and plans for economic development of American Indian reservations. The class will also discuss tribal entrepreneurship.

PLAN 533. AMERICAN INDIAN LAW FOR PLANNERS. 3 Credits.

The purpose of this class is to provide a comprehensive understanding of American Indian Law for planners. The complex structures of tribal powers in relation to federal, state, local governments, and the ability for tribes to complete plans, land use regulations and environmental regulations operate within the context of Indian Law. It is essential for tribal planners to have a strong understanding of key court cases, legal issues and powers that frame how tribal governments and tribal planning work.

PLAN 535. PLANNING, POLITICS AND PUBLIC POLICY. 4 Credits.

Far from studying neutral phenomena and attempting to solve objectively defined problems, the planning profession is permeated with conflict and dilemmas of normative and political nature, such as how to plan and for whom. "Planning, Politics and Public Policy" sets out to study planning as a profession deeply imbued in a complex socio-political context dominated by social, political, technical, cultural, organizational, and economic disparities. The course reviews both theoretical and practical aspects of urban planning and their relationship to the politics of policy-making process. It, finally, inquires about the role of urban and regional planning in a democratic governance context. The substance of this course will be presented through lectures, class discussions, guest speaker talks, field work assignments and group work and presentations.

PLAN 539. SPECIAL TOPICS. 1-5 Credits.

Advanced planning topics will be offered periodically.

PLAN 540. LAND USE PLANNING. 5 Credits.

Explores the issues and methods of analyzing and organizing land uses in urban and regional environments by balancing the demand for uses with the environmental conditions that limit the supply of land and locates these uses based upon criteria that satisfy human needs.

PLAN 542. SUSTAINABLE COMMUNITIES. 3 Credits.

Examines the case for sustainable urban and rural development and explores examples of efforts to create sustainable developments.

PLAN 551. TRANSPORTATION PLANNING. 5 Credits.

A lecture class that explores the procedural and conceptual transportation planning process, including a framework for addressing system characteristics, institutional arrangements, theories of travel supply and demand, selected forecasting models and interactions with land use and other urban systems.

PLAN 565. GIS FOR URBAN AND REGIONAL ANALYSIS. 4 Credits.

This course provides an opportunity to expand spatial data development and analysis skills in the context of applied, real-world planning and policy analysis problems. Topics include data development and management, enhanced knowledge of spatial analysis techniques, and mentored, hands-on application projects.

PLAN 570. ENVIRONMENTAL PLANNING. 5 Credits.

Surveys the philosophy and techniques of environmental planning, emphasizing an understanding of why environmental considerations should be incorporated into land use planning activities and developing skills needed to carry out an environmental analysis.

PLAN 571. ENVIRONMENTAL REVIEW. 3 Credits.

Pre-requisites: graduate standing.

This course provides students with a professional-level understanding of how and why of environmental review is conducted under the National Environmental Policy Act, the Washington State Environmental Policy Act, and other statutes, such as the Endangered Species Act. The course includes an introduction to environmental review, an overview of the legislative, legal, and technical evolution of environmental review, and a critical analysis of the tools of environmental review.

PLAN 572. RURAL AND SMALL TOWN PLANNING. 3 Credits.

Lectures, discussion and research of the patterns of rural land use that form rural areas and small towns, and the special rural and small town planning issues that emphasize legislation, environmental characteristics, community values and anticipated land use demand.

PLAN 591. RESEARCH PROJECT PREPARATION. 1 Credit.

A seminar course designed to prepare students for their capstone research or professional internship report. Reviews research strategies, helps students select topics, produce a work program, and begin research on their project.

PLAN 595. GRADUATE INTERNSHIP. 1-10 Credits.

Pre-requisites: permission of the instructor, department chair and college dean.

Students may participate in structured internships in agencies without the responsibility of using the internship as a capstone course. However, students must set learning objectives, maintain a journal of their experiences, and prepare a short report.

PLAN 596. EXPERIMENTAL COURSE. 1-5 Credits.

PLAN 597. WORKSHOP, SHORT COURSE, CONFERENCE, SEMINAR. 1-5 Credits.

PLAN 598. ADVANCED PLANNING SEMINARS. 1-5 Credits.

Advanced seminar topics offered quarterly.

PLAN 599. INDEPENDENT STUDY. 1-5 Credits.

Pre-requisites: permission of the instructor, department chair and college dean.

PLAN 601. RESEARCH PROJECT. 1-15 Credits.

Pre-requisites: substantial completion of degree requirements and permission of the instructor, department chair and college dean.

A major planning project approved by the student's advisory committee. Students must file a record of study in the standard research format which will describe the approach, objectives, methods and conclusions of the project.