

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.

An introduction to surface hydrology. Hydrological process and the techniques used to measure them are the primary focus.

PLAN 312. FUNDAMENTALS OF SOIL SCIENCE. 3 Credits.

Cross-listed: BIOL 312, GEOS 312.

Pre-requisites: MTHD 104 or completion of the Quantitative and Symbolic Reasoning requirement. Corequisite: BIOL 312L, GEOS 312L, or PLAN 312L.

A general introduction to physical, chemical, and biological properties of soils. Concepts of soil sustainability and environmental planning are highlighted. Companion course to BIOL 312L, GEOS 312L, or PLAN 312L.

PLAN 312L. FUNDAMENTALS OF SOIL SCIENCE LAB. 1 Credit.

Cross-listed: BIOL 312L, GEOS 312L.

Pre-requisites: MTHD 104 or completion of the Quantitative and Symbolic Reasoning requirement. Corequisite: BIOL 312, GEOS 312, or PLAN 312.

Companion lab to BIOL 312, GEOS 312, or PLAN 312.

PLAN 315. WATER RESOURCES. 3 Credits.

Cross-listed: GEOS 315.

Pre-requisites: completion of the Quantitative and Symbolic Reasoning requirement. Corequisite: GEOS 315L or PLAN 315L.

Satisfies: a university graduation requirement—global studies.

A comprehensive examination of water resources. 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. Companion course to GEOS 315L or PLAN 315L.

PLAN 315L. WATER RESOURCES LAB. 1 Credit.

Cross-listed: GEOS 315L.

Pre-requisites: completion of the Quantitative and Symbolic Reasoning requirement. Corequisite: GEOS 315 or PLAN 315.

Companion lab to GEOS 315 or PLAN 315.

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. 3 Credits.

Cross-listed: BIOL 325, GEOS 325.

Pre-requisites: completion of at least one Natural Science BACR course. Corequisite: BIOL 325L, GEOS 325L, or PLAN 325L.

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. Companion course to BIOL 325L, GEOS 325L, or PLAN 325L.

PLAN 325L. WETLAND SCIENCE I LAB. 1 Credit.

Cross-listed: BIOL 325L, GEOS 325L.

Pre-requisites: completion of at least one Natural Science BACR course. Corequisite: BIOL 325, GEOS 325, or PLAN 325.

Companion lab to BIOL 325, GEOS 325, or PLAN 325.

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.

Pre-requisites: instructor permission.

Internship.

PLAN 400. PROFESSIONAL PRACTICE. 1 Credit.

Pre-requisites: sophomore standing.

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 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.

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

PLAN 405. PLANNING PRESENT TECHNIQUES. 5 Credits.

Notes: may be stacked with PLAN 503.

Pre-requisites: sophomore standing.

Introduces the written, oral, and graphic presentation techniques common to 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 430. ENVIRONMENTAL PLANNING. 5 Credits.

Pre-requisites: PLAN 201 or instructor permission.

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.

Pre-requisites: PLAN 201 or instructor permission.

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.

Pre-requisites: PLAN 201 or instructor permission.

Studies planning as a profession permeated with political dilemmas in a context marked by social, political and economic disparities. 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 442. SUSTAINABLE COMMUNITIES. 3 Credits.

Pre-requisites: PLAN 201 or instructor permission.

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

PLAN 450. TRANSPORTATION PLANNING. 5 Credits.

Pre-requisites: PLAN 201.

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.

Pre-requisites: PLAN 201 or instructor permission.

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.

Pre-requisites: PLAN 201 or instructor permission.

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.

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 475. TRIBAL GOVERNANCE. 4 Credits.

Notes: may be stacked with PLAN 523.

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 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 PLAN 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.

Pre-requisites: instructor permission.

Topics vary.

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. 1-10 Credits.

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

Directed study.

PLAN 500. PLANNING PRACTICE. 1 Credit.

Notes: may be stacked with PLAN 400.

Pre-requisites: graduate standing or permission of instructor.

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.

Pre-requisites: graduate standing or permission of instructor.

Survey of the history, theory, philosophy, and practice of planning. 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 is on the role of planners and community development specialists as agents for change in the context of community growth. Features seminars and exercises in community problem solving, needs assessment, small group theory, and process facilitation.

PLAN 503. PLANNING PRESENTATION METHODS. 5 Credits.

Notes: may be stacked with PLAN 405.

Pre-requisites: graduate standing or instructor permission.

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. POPULATION AND ECONOMY. 5 Credits.

Notes: may be stacked with PLAN 404.

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.

Pre-requisites: graduate standing or instructor permission.

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 STUDIO. 5 Credits.

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

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.

Presents an overview of the range of the philosophical and methodological approaches to planning and their varying roles within the discipline. 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.

Pre-requisites: graduate standing or instructor permission.

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 523. TRIBAL GOVERNANCE. 4 Credits.

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

Outlines the unique context of tribal governments as sovereign nations under the federal government, examines the history and evolution of tribal government institutions within the unique tribal cultural systems, and describes the role and relationship of governance and planning within such a framework.

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 540. LAND USE PLANNING. 5 Credits.

Pre-requisites: graduate standing 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 land and locates these uses based upon criteria that satisfy human needs.

PLAN 542. SUSTAINABLE COMMUNITIES. 3 Credits.

Notes: may be stacked with PLAN 442.

Pre-requisites: graduate standing or instructor permission.

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

PLAN 551. TRANSPORTATION PLANNING. 5 Credits.

Pre-requisites: graduate standing or permission of instructor.

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.

Notes: may be stacked with PLAN 430.

Pre-requisites: graduate standing or instructor permission.

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.

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. 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 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.

Notes: may be stacked with a 400-level PLAN course.

Pre-requisites: graduate standing or instructor permission.

Variable topics course.

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

Advanced seminar topics offered quarterly.

PLAN 599. INDEPENDENT STUDY. 1-5 Credits.

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

Independent study.

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.