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PROSPECTUS

DEPARTMENT OF URBAN PLANNING
School of Architecture, Design and Planning
1465 Jayhawk Boulevard
317 Marvin Hall
University of Kansas
Lawrence, Kansas 66045
(785) 864-4184
FAX: (785) 864-5301
E-mail: ubpl@ku.edu

August 2013
INTRODUCTION

This prospectus has been prepared primarily to provide detailed information on the Graduate Program in Urban Planning to college students and graduates who are interested in the planning field and are considering submitting applications for admission. It also serves as a record of course offerings and degree requirements to help students now enrolled in the program to plan their individual courses of study. More extensive information on the University of Kansas and the graduate course offerings of other departments can be found in the Graduate School Catalog.

Every attempt is made to keep this document up to date, but unforeseen conditions sometimes require modifications. Because of other faculty commitments, sometimes certain courses are not offered in any given year. Minor changes in the curriculum may also be made from time to time.

Prospective applicants are urged to read this prospectus thoroughly. If any questions remain, please address them by letter or telephone to:

Dr. Stacey Swearingen White, Chair
Department of Urban Planning
School of Architecture, Design and Planning
1465 Jayhawk Boulevard, Room 317
University of Kansas
Lawrence, KS 66045
(785) 864-4184
FAX: (785) 864-5301

We would be delighted to meet with you in person to discuss our program further. Please e-mail sswhite@ku.edu or call 785 864-4184 to set up an appointment.
ADMINISTRATION AND FACULTY

SCHOOL ADMINISTRATION

John Gaunt, Professor and Dean of Architecture, Design and Planning

Michael Swann, Associate Professor and Associate Dean of Architecture, Design and Planning

Keith Diaz Moore, Associate Professor and Assistant Dean of Architecture, Design and Planning

Stacey Swearingen White, Associate Professor and Chair of Department of Urban Planning

Paola Sanguinetti, Associate Professor and Chair of Department of Architecture

Andrea Herstowski, Associate Professor and Chair of Department of Design

PLANNING FACULTY

Anne Dunning, Associate Professor: B.A., Russian, English, and Comparative Literature, Cornell University, 1992; M.S., Civil Engineering (transportation) and Master's of City Planning (GIS), Georgia Institute of Technology, 1998; Ph.D., Civil Engineering specializing in transportation, Georgia Institute of Technology, 2005. Transportation.

Bonnie Johnson, Associate Professor: B.A., Political Science, Latin American Studies, University of Kansas, 1990; M.A., Political Science, University of Kansas, 1992; M.U.P., University of Kansas, 1994; Ph.D., Political Science, University of Kansas, 2006. Land Use Planning, History and Theory.

Ward Lyles, Assistant Professor: B.S., Geology, Middlebury College, 1998; M.S., Land Resources, University of Wisconsin-Madison, 2002; Ph.D., City and Regional Planning, University of North Carolina-Chapel Hill, 2012. Quantitative Methods, Environmental Planning.

Kirk McClure, Professor: B.Arch., University of Kansas, 1973; B.A., Urban Studies, University of Kansas, 1974; M.C.P., Massachusetts Institute of Technology, 1978; Ph.D., City Planning, University of California, Berkeley, 1985. Housing and Community Development, Quantitative Methods.

Stacey Swearingen White, Associate Professor: B.A. Philosophy, Emory University, 1989; M.S. Environmental Science, University of Montana, 1993; Ph.D. Land Resources, University of Wisconsin, 1998. Environmental Planning, Professional Practice.

EMERITUS FACULTY

Alan Black, Professor Emeritus: A.B., Harvard College, 1953; M.C.P., University of California, Berkeley, 1960; Ph.D., City and Regional Planning, Cornell University, 1975. FAICP.

James M. Mayo, Professor Emeritus: B.Arch., Texas A&M University, 1966; M.U.P., Texas A&M University, 1968; Ph.D. Sociology, Oklahoma State University, 1974.

ASSOCIATED FACULTY


PART-TIME PLANNING FACULTY

Phil Englehart, Lecturer, B.S., Geography, Ohio University, 1977; M.A., Geography/Climatology, University of Nebraska-Lincoln, 1980; Ph.D., Geography, University of Kansas, 2000. Urban & Regional Theory, Planning History.

Charles Miller, Lecturer, B.S., Civil Engineering, University of Kansas, 1985; M.S., Civil Engineering, University of Kansas, 1990; Ph.D., Civil Engineering, Vanderbilt University, 1999. Transportation.

Marcy Smalley, Lecturer, B.A., American Studies, University of Kansas, 1973; MUP, University of Kansas, 1981. Transportation.

ABOUT THE PROGRAM

PROGRAM DESCRIPTION

Urban planning is a professional field concerned with addressing the health and welfare of urban areas. The potentials and problems of urban areas relate to the built environment and its underlying social, economic, political, and legal structure and related public policies. Professionals must be able to deal with both short and long range planning and projects at various scales. The Master of Urban Planning is an accredited professional degree oriented towards excellence for practicing in urban planning. It is the normal academic qualification for planning and planning-related positions. A good undergraduate education in almost any discipline is acceptable preparation for the M.U.P. program. Undergraduate preparation in the social sciences, the environment, engineering, business, or architecture is especially relevant to the direction and content of the planning program at the University of Kansas.

The M.U.P. degree at the University of Kansas is accredited by the Planning Accreditation Board. This status gives graduates an advantage in seeking membership in the American Institute of Certified Planners. The Department has been continuously accredited since 1983.

The M.U.P. program emphasizes policy planning and analysis within the context of urban or urbanizing environments. Policies affecting urban issues are formulated at all levels of government—federal, state, regional, and local—as well as in the private sector. The M.U.P. program is geared towards meeting the needs for public planning policy regarding urban issues in all these forums.

Three major areas of knowledge are necessary for competency in policy planning: a) theory and practice, which provides the framework of social, economic, political, and legal environments within which planners work and public policy is formed; b) analytic methods, which provide the skills necessary to define and analyze problems and policy alternatives; and, c) specialty areas, which provide focused information and skills with regard to housing and community development planning, environmental planning, transportation planning, and land use planning and urban design specializations. The Department of Urban Planning, through its interdisciplinary linkages with other departments of the University, provides the foundation for these specialty areas. Students may also consider a wide range of courses offered by the Departments of American Studies, Architecture, Civil Engineering, Geography and Public Administration; the School of Law; and other academic units at the University.

CURRICULUM GOALS

The following goals for the curriculum were adopted as part of the latest curriculum review:

1. To offer subject matter that reflects the state of the art of policy planning and analysis, of planning education, and of planning practice.

2. To achieve a curriculum flexible enough to respond to emerging needs of society, the profession, and the field of planning.

3. To give students some applied skills needed for entry-level professional positions as well as the fundamentals of theory and methods that will enable them to move up to higher positions or pursue advanced study at a later time.

4. To assist students in developing personal qualities essential to be an effective professional planner, such as creativity, common sense, judgment, integrity, initiative, and the ability to work amicably and effectively with others.
PROGRAM REQUIREMENTS

Each student is required to complete 48 credit hours, which normally involves four semesters of full-time study. The usual course load is 12 hours per semester; the Graduate School has set a maximum of 16 hours in any semester. Some students attend part-time and of course take longer to get their degrees. All requirements must be completed within a six-year period.

REQUIRED COURSES

There are 21 credit hours of required core courses, as follows:

<table>
<thead>
<tr>
<th>Hours</th>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>3</td>
<td>UBPL 815</td>
<td>History and Theory of the Planning Process</td>
</tr>
<tr>
<td>3</td>
<td>UBPL 850</td>
<td>Urban and Regional Theory</td>
</tr>
<tr>
<td>3</td>
<td>UBPL 705</td>
<td>Economic Analysis for Planners</td>
</tr>
<tr>
<td>3</td>
<td>UBPL 741</td>
<td>Quantitative Methods I</td>
</tr>
<tr>
<td>3</td>
<td>UBPL 742</td>
<td>Quantitative Methods II</td>
</tr>
<tr>
<td>3</td>
<td>UBPL 736</td>
<td>Planning Institutions</td>
</tr>
<tr>
<td>3</td>
<td>UBPL 763</td>
<td>Professional Practice</td>
</tr>
<tr>
<td>21</td>
<td></td>
<td>TOTAL</td>
</tr>
</tbody>
</table>

A student may be exempted from certain required courses by providing evidence satisfactory to the appropriate faculty member and the Department Chair that he or she has taken equivalent coursework previously. Upon exemption, the student may substitute approved electives to make up the 48 hours required for the degree. Exemptions from the following courses are not permitted because they are deemed essential for acculturation in the planning profession: UBPL 763, UBPL 815 and UBPL 850.

AREA OF SPECIALIZATION

Each student specializes in one substantive area among the following four: environmental planning, housing and development planning, land use planning and urban design, or transportation planning. The student should declare this area by the second semester of his/her course of study. The minimum number of course hours for the major area depends on whether the student pursues the comprehensive examination or thesis option. Specialization area requirements for the two options are as follows:

(1) Comprehensive Exam Option - At least four courses (twelve credit hours) are taken by each student in his/her area of specialization.

(2) Thesis Option - At least three courses (nine credit hours) are taken by each student.

In each specialty area, relevant courses are classified in three groups: theory/policy, methods, and implementation. Each student must take at least one course in each of the above three groups. Faculty advisors have some latitude to designate supplementary courses that they think useful to the student's education. In addition, students may take Directed Readings courses to complete their specialization. Following are the theory/policy, methods and implementation courses in each specialty area:
PLEASE NOTE: Supplementary courses for your specialization may be negotiated with your advisor, if the listed options do not meet your needs or interests. Students must seek advising each semester, either in person or via email, to ensure that you are on track towards graduation. The Department Chair is also happy to provide additional advising at any time.

<table>
<thead>
<tr>
<th>Environmental Planning</th>
<th>Theory and Policy</th>
<th>UBPL 765</th>
<th>Principles of Environmental Planning</th>
<th>3</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>Methods</td>
<td>UBPL 738</td>
<td>Environmental Planning Techniques</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Implementation</td>
<td>UBPL 773</td>
<td>Environmental Planning Implementation</td>
<td>3</td>
</tr>
<tr>
<td>Supplementary Courses</td>
<td>UBPL 730</td>
<td></td>
<td>Introduction to Land Use Planning</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>UBPL 735</td>
<td></td>
<td>Site Planning</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>UBPL 762</td>
<td></td>
<td>Sustainability and the Future of the Built Environment</td>
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<tr>
<th>Housing and Development Planning</th>
<th>Theory and Policy</th>
<th>UBPL 710</th>
<th>Introduction to Housing Policy</th>
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<tbody>
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<td></td>
<td>Methods</td>
<td>UBPL 764</td>
<td>Real Estate Development Planning</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Implementation</td>
<td>UBPL 716</td>
<td>Community and Neighborhood Revitalization</td>
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<tr>
<td>Supplementary Courses</td>
<td>UBPL 760</td>
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<td>Historic Preservation Planning</td>
<td>3</td>
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<tr>
<td></td>
<td>UBPL 768</td>
<td></td>
<td>Real Estate Development Planning II</td>
<td>3</td>
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<table>
<thead>
<tr>
<th>Land Use Planning and Urban Design</th>
<th>Theory and Policy</th>
<th>UBPL 730</th>
<th>Introduction to Land Use Planning</th>
<th>3</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Methods</td>
<td>UBPL 735</td>
<td>Site Planning</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Implementation</td>
<td>UBPL 766</td>
<td>Urban Design Implementation</td>
<td>3</td>
</tr>
<tr>
<td>Supplementary Courses</td>
<td>UBPL 739</td>
<td></td>
<td>Issues in Growth Management</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>UBPL 760</td>
<td></td>
<td>Historic Preservation Planning</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>UBPL 764</td>
<td></td>
<td>Real Estate Development Planning</td>
<td>3</td>
</tr>
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</table>

<table>
<thead>
<tr>
<th>Transportation Planning</th>
<th>Theory and Policy</th>
<th>UBPL 750</th>
<th>Introduction to Transportation Planning</th>
<th>3</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>Methods</td>
<td>UBPL 756</td>
<td>Travel Demand Forecasting Methods</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Implementation</td>
<td>UBPL 757</td>
<td>Transportation Planning Implementation</td>
<td>3</td>
</tr>
<tr>
<td>Supplementary Courses</td>
<td>UBPL 755</td>
<td></td>
<td>Planning Intercity Transportation Systems</td>
<td>3</td>
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<td></td>
<td>UBPL 758</td>
<td></td>
<td>Public Transit</td>
<td>3</td>
</tr>
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<td></td>
<td>CE 781</td>
<td></td>
<td>Traffic Engineering I</td>
<td>3</td>
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<tr>
<td></td>
<td>CE 881</td>
<td></td>
<td>Traffic Engineering II</td>
<td>3</td>
</tr>
</tbody>
</table>
ELECTIVES

Students complete the 48 hours of required coursework by taking electives. The number of electives depends on the student's individual program. A student who must take all required courses and elects the thesis option has twelve additional credit hours to take. A student who takes all required courses and elects the comprehensive exam option has fifteen additional credit hours to take. Some students are exempted from certain required courses and may take more hours of electives.

All Urban Planning courses may be used as electives, including courses in specialty areas other than the student's area of specialization. Courses in other departments may be used as electives if they relate to urban planning. In case of doubt, the decision is made by the Department Chair.

At least 42 of the 48 total hours must be in courses offered by the School of Architecture, Design and Planning. Exceptions are granted by the Department Chair only for compelling reasons.

COURSE WAIVERS

1. With the exception of the 4+1 B.A. Arch. Studies/MUP program, there will be no credit hour reduction for any previously taken courses used to earn a bachelor degree. Every student must complete 48 credit hours. A student may transfer a maximum of 6 graduate credit hours if the advisor decides that the courses are substantially relevant to urban planning.

2. An instructor who teaches a required planning course can waive this course requirement if a student has previously taken equivalent undergraduate or graduate courses, such as methods. This waiver will not reduce the 48 credit hour requirement for the MUP degree. Also, the student is still responsible for completing the comprehensive exam for all course subjects. UBPL 763, UBPL 815, and UBPL 850 cannot be waived.

3. If a student has transferred from another program offering an MUP degree accredited by the Planning Accreditation Board (PAB), the student receives full credit for those courses, and these credit hours are reduced from the 48-hour requirement up to 24 hours if there is an equivalent course in the Department.

4. Foreign students can enroll for the minimum number of credit hours (UBPL 701: Directed Readings) per semester by working for a planning agency or consulting firm so that they can be paid for their work. The Immigration and Naturalization Service will not allow payment for work unless college credit is given. This credit will not count toward fulfilling MUP degree requirements.

COMPREHENSIVE EXAMINATION AND THESIS

Comprehensive Examination – The comprehensive exam allows students to demonstrate that they have the necessary foundation upon which to build a planning career. The exam consists of the student responding to a scenario or case study where a student is asked to synthesize knowledge gained in one’s coursework and apply it within a particular context. To take the exam, a student must meet the following requirements:

a) Core Curriculum - The student has completed all courses in the core curriculum. If a student who began their studies in the spring semester and is in their fourth semester of studies, the student must have completed all core courses and be currently enrolled in UBPL 763 and UBPL 850

b) Specialization Courses – A student must have completed the theory and policy course and the methods course in the chosen specialization.

Students will receive the exam at 8:00 a.m. on a Friday and have until 5:00 p.m. the following Monday to complete the exam. The exam shall be submitted electronically. Students are subject to code of conduct outlined in the Student Handbook.

Thesis – In lieu of the comprehensive examination, the thesis experience provides an opportunity for the student to apply individual research skills in the context of his/her area of interest. Thus the thesis is a continuation of the student’s course of study rather than a separate academic effort. The format, medium, and focus of the thesis vary with the problem addressed. Six hours of academic credit is given
for the thesis. A student must have a minimum GPA of 3.50. A student desiring to prepare a thesis must develop, with the assistance of a faculty advisor, a thesis proposal to be submitted to the Faculty Thesis Committee no later than the first day of classes of the semester prior to the semester in which the student plans to graduate. The Committee must approve the proposal for the student to pursue the thesis option. For Spring (May) graduates, the proposal must be submitted by the start of classes of the preceding fall semester, and the Committee will decide by September 15. For Fall (December) graduates, the proposal must be submitted by the start of classes of the preceding spring semester, and the Committee will decide by February 5.
DEGREE REQUIREMENTS & SCHEDULE OF COURSES

Table 1 provides a summary of degree requirements for the thesis and comprehensive examination options. Table 2 illustrates a typical program of study. A listing of all courses offered by the Department of Urban Planning, with descriptions of content, may be found at the end of this prospectus.

TABLE 1

<table>
<thead>
<tr>
<th>Degree Requirements</th>
<th>Exam Option Credit Hours</th>
<th>Thesis Option Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Required Core Courses</td>
<td>21</td>
<td>21</td>
</tr>
<tr>
<td>Specialization Courses</td>
<td>12</td>
<td>9</td>
</tr>
<tr>
<td>Electives</td>
<td>15</td>
<td>12</td>
</tr>
<tr>
<td>Thesis</td>
<td></td>
<td>6</td>
</tr>
<tr>
<td>Total Credit Hours Required</td>
<td>48</td>
<td>48</td>
</tr>
</tbody>
</table>

TABLE 2

<table>
<thead>
<tr>
<th>Semester</th>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>FIRST SEMESTER</td>
<td>UBPL 741</td>
<td>Quantitative Methods I</td>
<td>3</td>
</tr>
<tr>
<td>Fall</td>
<td>UBPL 815</td>
<td>History and Theory of the Planning Process</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Elective or specialization courses</td>
<td>6</td>
</tr>
<tr>
<td></td>
<td></td>
<td>TOTAL</td>
<td>12</td>
</tr>
<tr>
<td>SECOND SEMESTER</td>
<td>UBPL 705</td>
<td>Economic Analysis for Planners</td>
<td>3</td>
</tr>
<tr>
<td>Spring</td>
<td>UBPL 742</td>
<td>Quantitative Methods II</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>UBPL 736</td>
<td>Planning Institutions</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Elective or specialization course</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td></td>
<td>TOTAL</td>
<td>12</td>
</tr>
<tr>
<td>THIRD SEMESTER</td>
<td>UBPL 850</td>
<td>Urban and Regional Theory</td>
<td>3</td>
</tr>
<tr>
<td>Fall</td>
<td>UBPL 763</td>
<td>Professional Practice</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Elective or specialization courses</td>
<td>6</td>
</tr>
<tr>
<td></td>
<td></td>
<td>TOTAL</td>
<td>12</td>
</tr>
<tr>
<td>FOURTH SEMESTER</td>
<td>UBPL 742</td>
<td>Implementation Seminar in Area of Specialization</td>
<td>3</td>
</tr>
<tr>
<td>Spring</td>
<td>UBPL 763</td>
<td>Elective or specialization course</td>
<td>9</td>
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<tr>
<td></td>
<td></td>
<td>TOTAL</td>
<td>12</td>
</tr>
<tr>
<td></td>
<td></td>
<td>GRAND TOTAL</td>
<td>48</td>
</tr>
</tbody>
</table>

FIRST-YEAR STUDENT ADVISING & ORIENTATION

Advising - You are required to have an advising session before you enroll in classes. If you know your specialization, contact the faculty member assigned to that specialization. If you have not decided upon a specialization, the Department Chair will be your advisor.

Orientation - First-year students will have a required orientation just before or after classes have begun.
**JOINT DEGREE PROGRAMS**

At the University of Kansas, a number of strong programs which are highly regarded nationally provide exceptional support to the Department of Urban Planning. These include graduate programs in architecture, law, public administration, business, social welfare, and the social and environmental sciences—e.g., geography, economics, political science, American studies, and civil engineering. In addition, Urban Planning participates in the following formal joint degree programs:

<table>
<thead>
<tr>
<th>Program Combination</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>URBAN PLANNING/AMERICAN STUDIES</td>
<td>This program combines into two and one-half years of study (plus time required for the M.A. Thesis) the normal two-year Master of Urban Planning degree offered by the School of Architecture, Design and Planning (48 credit hours) and the normal one-year Master of Arts degree in American Studies (30 credit hours) offered by the College of Liberal Arts and Sciences. A program of 60 credit hours is required. This program is designed for students who intend to engage in planning for the arts, cultural activities and facilities, and historic preservation within urban communities.</td>
</tr>
<tr>
<td>URBAN PLANNING/ARCHITECTURE</td>
<td>This program leads to the Master of Urban Planning and the Master of Architecture degree of the School of Architecture, Design and Planning in four years. A total of 133 credit hours is required, comprising of 39 hours in urban planning and 94 hours in architecture. Applicants must meet admission requirements of both the School of Architecture and the Department of Urban Planning. Students pursuing the Master of Architecture may apply to the joint degree program prior to their third year of study. Students pursuing the Master of Urban Planning may apply to the joint degree during but not past their first year of study. At this time, the joint degree with Architecture is being currently revised.</td>
</tr>
<tr>
<td>URBAN PLANNING/BA ARCHITECTURAL STUDIES</td>
<td>This program leads to the Bachelor of Architectural Studies and the Master of Urban Planning which combines six years into five years of study. A total of 154 credit hours is required, comprised of 39 hours in urban planning and 115 hours in architectural studies. Students wishing to pursue this option must apply during the third year of study. Students must meet all of the required courses for the bachelor degree and have a minimum 3.25 grade point average. In the fourth year of undergraduate study, a student will take the same courses as a first year graduate student. The student may submit GRE scores during the junior year but must submit GRE test results in the senior year. If the student has completed all first-year planning courses and been accepted for admittance by the end of the fourth year of study, the student will officially enter the graduate program to pursue the second year of study toward the completion of the Master of Urban Planning.</td>
</tr>
<tr>
<td>URBAN PLANNING/GEOGRAPHY</td>
<td>This program combines four years into three years of study the normal two-year Master of Urban Planning degree offered by the School of Architecture, Design and Planning (48 credit hours) and the normal Master of Arts degree in Geography (30 credit hours) offered by the College of Liberal Arts and Sciences. A program of 61 credit hours is required.</td>
</tr>
<tr>
<td>URBAN PLANNING/LAW</td>
<td>This program leads to the Master of Urban Planning and the J.D. degree of the School of Law. A total of 115 credit hours is required, comprising 39 hours in urban planning and 76 hours in law. Applicants must meet admission requirements of both the School of Law and the Department of Urban Planning. The former includes the Law School Admission Test (LSAT).</td>
</tr>
</tbody>
</table>
A student in this program must take all 21 credit hours of required Urban Planning courses plus nine hours in an area of specialization plus six hours of UBPL electives. Nine hours of Law courses may be cross-counted towards the 48 hours needed for the M.U.P. degree. The student must take 76 hours of Law courses; 14 hours of UBPL courses may be cross-counted towards the 90 hours needed for the J.D. degree. The program can be completed in four years.

This program combines into 69 credit hours the normal coursework required for the Master of Urban Planning (48 credit hours) and the Master of Public Administration (37 credit hours). A student pursuing the degrees separately would require four years of coursework. The joint degree requires three years to complete, including summers. Admission into the Master of Public Administration program is very limited and only occurs in the Summer semester.
ADMISSIONS AND APPLICATIONS

ADMISSIONS

Persons whose previous records indicate an ability to succeed with advanced work may be admitted to the Graduate School through the Department of Urban Planning. Ordinarily, admission requires a bachelor's degree and a grade-point average of approximately 3.0 from the University of Kansas or another institution with substantially equivalent requirements for the bachelor's degree.

Decisions on admissions are made on the basis of the information supplied in the application materials described below. Graduate Record Examination scores are required. All students entering on provisional status must begin their studies in the Fall semester. Students accepted to regular status may begin in the Spring semester.

The University of Kansas is an Equal Opportunity/Affirmative Action institution and encourages applications from women and minority students.

APPLICATIONS

Applications for admission should be supplemented by the following other material:

1. A statement of career goals and substantive interests in the field of urban planning and rationale for undertaking graduate study in urban planning at the University of Kansas;
2. One copy of official transcripts from all colleges or universities attended;
3. Three reference forms or letters of recommendation from persons qualified to comment upon the applicant's academic abilities and probable success in graduate study;
4. Scores from the Graduate Record Examination;
5. Domestic application fees are $55.00 for online application. International application fees are $65.00 for online application. Non-degree and readmission applications are $30.00 each.

International students should also submit the following:

1. TOEFL scores, if the applicant's native language is not English, a minimum score of 20 on each part of the internet-based exam is required for regular admission;
2. Financial statement (The University requires the student to have a minimum of $37,594.00 per school year to cover the cost of studies for the application to be considered).

Applications are to be made online with Graduate Studies at http://www.graduate.ku.edu/01-04_apply.shtml.

Mail all other application materials (transcripts, recommendations, statement of interest) directly to:

Stacey Swearingen White, Chair
Department of Urban Planning
School of Architecture, Design and Planning
The University of Kansas
1465 Jayhawk Blvd., Room 317
Lawrence, KS 66045

Application deadlines are July 1 for Fall and December 1 for Spring admission, but candidates are urged to submit them as early as possible. It may take several weeks to obtain all the materials required for an application file. International applicants must apply by June 1 for Fall and November 1 for Spring admission. Applications for financial aid are normally considered early in the spring; in some cases there is a January 15 deadline for application.
Most students begin in the fall semester, and courses are scheduled with this in mind. However, students are also admitted to begin their studies in the spring semester.

**FEES AND EXPENSES**

**Tuition Fees** - All fees are collected as part of the process of enrollment. The fee amounts announced are subject to change by the Board of Regents at any time. **Tuition amount is no longer based on course number, but student’s career.** Fall 2013 semester fees for graduate students at Lawrence:

**Tuition per credit hour:**

- Resident: $346.15
- Non-resident: $809.75

**Additional SADP Differential Tuition**

$44.65 per credit hour is charged for all architecture, design and urban planning courses.

**Lawrence Required Campus Fees:**

$73.51 per credit for enrollments of 5 or less hours. For enrollments of more than 5 hours a flat rate of $441.05 will be assessed.

Payment of the above fees entitles the student to instruction in classes, to necessary dispensary care for ordinary illnesses and special medical services at nominal rates at Watkins Memorial Hospital, to the use of the Kansas Union, to admission at student rates (if any) to most campus events within the limits of available seating, and to participation in other University activities.

**Housing** - University residence hall accommodations for the academic year are available to graduate students. Costs for room only range from $4,162 to $7,020 for 9 months, depending upon the hall selected and the services requested (e.g., single occupancy). Meal plans range from $2,930 to $3,964. Jayhawker Towers are on-campus apartments which offer continuous occupancy and optional purchase of resident hall meal plans. Costs for 9 months range from $3,390 to $4,328 for 4-person apartments to $5,800 to $7,464 for 2-person apartments. Stouffer Place student family apartments with one, two or three bedrooms cost $510 to $856 per month plus utilities. Apartment and furniture rental options can be obtained from the Student Housing Department. The rental cost of apartments in Lawrence varies considerably, with the majority falling between $350 and $700 per month. For information regarding residence hall accommodations, contact the Department of Student Housing at housing@ku.edu or phone (785) 864-4560.

**Books and Supplies** - The cost of textbooks and supplies varies but is about $900 a year for most students. This cost may be reduced by purchasing used books.
FINANCIAL ASSISTANCE

FINANCIAL AID

Financial assistance is available for qualified graduate students in the Department of Urban Planning. The Federal Government provides financial aid for qualified graduate students in the form of grants and subsidized loans. The students at the University of Kansas use the "Free Application for Federal Student Aid" (FAFSA) to apply for federal funds. This form is available from the financial aid office in Room 50 Strong Hall, at any high school, junior college or four-year institution in the United States, or you can call 1-800-4-FED-AID to request a FASFA. You can also file your FAFSA on the Internet using the following address: www.fafsa.ed.gov. There are also forms for special circumstances in change of income, which is particularly helpful to graduate and students returning from the workforce. The University's priority deadline is March 1.

Students must be realistic in their hopes for attaining research assistantships, teaching assistantships, and fellowships. University fellowships are highly competitive and few in number. Research assistantships are usually awarded to students who have completed their first year of study. They have developed the actual experience to help faculty members in conducting their research. Students have successfully acquired graduate teaching assistantships in other departments after their first year of study.

INTERNSHIPS

Internships have been the typical method in which students gain funding to pay for their education at the University of Kansas. Internship experience is also extremely useful for students in their future job searches. In the first semester of study, all students are encouraged to submit their resumes to Professor Kirk McClure, our Internship Advisor. Dr. McClure recruits planning agencies and firms who need interns to work on real-world planning projects and administrative actions. Paid internships are currently paying about $13 per hour without any benefits. Typically, these institutions want the intern to have at least one semester of academic experience in our Department so that a student has some preparation to work. In a few cases, some students have previous skills that these planning institutions can use immediately in their offices. Our Department usually makes the agency/firm contact for students to be interviewed for internships. However, the particular agency and firm makes the final selection decision. If for some reason a student is unable to obtain a paid internship, the Internship Advisor can help you to arrange for a voluntary internship with an agency/firm that meets your professional interests. To inquire about internships, please contact Professor McClure who is in the Faculty section of our website.

DEPARTMENT OF URBAN

The Urban Planning Department has a limited number of funded scholarships. The Alan Black Scholarship, the UBPL Alumni and Friends Scholarship, and the Jim Mayo Scholarship are typically available each year. All of these awards are based upon academic excellence, and the dollar amount varies from year to year. At this time, these grants are awarded only to first-year students. Students wishing to apply for one of these scholarships should have their applications completed by February 15th.

RESEARCH ASSISTANTSHIPS

Research assistantships are occasionally available to graduate students through grants from state appropriated research funds and from federal and private agencies. In addition, University research institutes frequently undertake research projects with faculty members and provide placement opportunities for students. Stipends for half-time service range from $5,000 to $7,000 for University appointments and vary considerably on other research projects.
The KU Graduate School awards a limited number of fellowships for which the Urban Planning program may nominate candidates. The program makes these nominations based on undergraduate GPAs and overall academic performance. Nominees from Urban Planning compete with those from all graduate programs in the University so they are extremely competitive. The application deadline for these fellowships is February 15. More information on Graduate School Fellowships is available at http://www.graduate.ku.edu/departmental-scholarships.

UNIVERSITY OF KANSAS
STUDENT SENATE
DIVERSITY GRANT

Annually the Department Chair applies to the University of Kansas Student Senate for a student diversity grant. These funds are particularly directed to students of ethnicity, gender, and race which will enhance our student body. We have been successful in obtaining this annual grant because we award students who we believe will successfully complete the M.U.P. degree. Students wishing to apply for these grant funds should have their applications completed by February 15.

AMERICAN PLANNING ASSOCIATION: JUDITH MCMANUS SCHOLARSHIP

Women and minority (African American, Hispanic American, or Native American) students enrolled in an approved Planning Accreditation Board (PAB) planning program who are citizens of the United States, intend to pursue careers as practicing planners in the public sector, and are able to demonstrate a genuine financial need are eligible to apply for this scholarship which will range between $2,000 to $4,000. For information about this scholarships, review the APA website at: http://www.planning.org/scholarships/apa/index.htm

INTERNATIONAL STUDENT SCHOLARSHIPS

The Institute of International Education offers several types of scholarships for foreign students to study in the United States. Application should be made to the Institute of International Education through the appropriate office of the U.S. Information Service, U.S. Embassy or U.S. Consulate overseas. See http://www.iie.org/en/Students.
GENERAL INFORMATION

RESIDENCE REQUIREMENTS
All courses leading to the master's degree must be taken at the University of Kansas, except that up to six hours of graduate credit may be transferred and applied to a program leading to the master's degree, subject to approval by the Department Chair. Eight hours may be approved for transfer if the student holds a baccalaureate degree from the University of Kansas. Transfer credit is only given for courses in which the final grade was A or B.

GRADES
The grading system in the Graduate School is an A, B, C, D, F system, where A designates above-average graduate work; B, average graduate work; C, passing but below average graduate work; C-, D and F, failing graduate work. The suffixes + and - are used and counted in grade point averages. Upon falling below a cumulative graduate grade-point average of B (3.0), the student may be placed on probation or dismissed from the Department. At the end of the next semester of enrollment, the student's overall graduate average must be raised to a B (in which case the student is returned to regular status) or a departmental recommendation will be required for the student to continue in graduate study.

To complete requirements for the master's degree, a student must present a record of 48 credit hours with a grade point average of at least 3.0. Only courses graded A, B, or C (excluding C-) may be counted. All required Planning courses must be included in this calculation.

ADVISING
The Urban Planning faculty share advising responsibilities. If you have decided upon a specialization, the faculty member for that specialization will be your advisor. If you have not decided upon a specialization, the Department Chair will be your advisor until you select a specialization. Petitions for the waiver or modification of program requirements in individual cases typically require faculty approval and should be transmitted to the Chair.

FACILITIES
The Department of Urban Planning is housed on the third floor of Marvin Hall, which is a picturesque old building. The main office is in Room 317. The UBPL student lab is in Room 303 Marvin. Marvin Hall also contains a reading room, a slide library, and a carpentry shop.

RESEARCH AND PROFESSIONAL ACTIVITIES
The Urban Planning faculty is actively engaged in research. Funded research projects may provide opportunities for employment of Planning students as research assistants. Recent funding sources include the U.S. Department of Housing and Urban Development, U.S. Department of Transportation, National Science Foundation, and the Kansas Department of Transportation.

Students are encouraged to join the American Planning Association, the national organization of planners, and to attend its meetings. The Kansas City Section normally meets once a month. The Kansas Chapter meets several times a year. The Department sometimes arranges for groups of students to attend regional and national APA conferences.

STUDENT ORGANIZATION
The Urban Planning students have their own organization called Kansas Association of Planning Students (KAPS). The organization holds several social activities during each year and provides a forum through which student views are gathered and conveyed to the administration. The President of the organization is invited to faculty meetings and votes on all issues. The University has a rule that at least 20 percent of the members of all committees must be students.
Lawrence is a very attractive city of 90,000 people located on the Kansas (Kaw) River. Contrary to the popular image of Kansas, the city is quite hilly and affords some impressive vistas. The campus covers 1,000 acres on the crest of Mount Oread and includes three buildings listed in the National Register of Historic Landmarks. Nearby Clinton and Perry Lakes offer opportunities for water-oriented recreation.

Town-gown relationships are excellent. The Department maintains close contact with the Lawrence - Douglas County Planning Department, and members of the planning staff sometimes teach courses. One student, usually an individual in the second year of graduate study in planning, serves as the students representative on the Lawrence-Douglas County Planning Commission. Lawrence has been growing rapidly; current political issues include economic development, urban sprawl, and preservation of open space.

Lawrence is 40 miles from downtown Kansas City, an hour's drive on the Kansas Turnpike. The Kansas City metropolitan area has a population of 1.8 million and a wide variety of cultural, entertainment, and sports activities, including major league teams in baseball, football, and soccer. Kansas City is famous for its park system, based on George Kessler's 1893 plan. Other attractions include Crown Center (a sophisticated in-town shopping complex developed by the Hallmark Company), the Westport district (a congregation of restaurants and night spots), and the Country Club Plaza (the world's first shopping center, opened in 1922 and still thriving).
CAREERS IN PLANNING

JOB PLACEMENT

The Planning faculty assists students in finding jobs after they graduate. Faculty members coordinate the exchange of information between employers looking for applicants and students and graduates looking for jobs. The present employment of some recent graduates is given below:

<table>
<thead>
<tr>
<th>Name</th>
<th>Graduated</th>
<th>Present Employment</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ariel Heckler</td>
<td>2011</td>
<td>Parsons Corp., Indianapolis, IN</td>
</tr>
<tr>
<td>Jeffrey Severin</td>
<td>2011</td>
<td>KU Center for Sustainability, Lawrence, KS</td>
</tr>
<tr>
<td>Charles Foley</td>
<td>2011</td>
<td>Environmental Protection Agency, Kansas City, KS</td>
</tr>
<tr>
<td>Xue Chen Wood</td>
<td>2012</td>
<td>MoKan Regional Planning Council, St. Joseph, MO</td>
</tr>
<tr>
<td>Alexandra Cochran</td>
<td>2012</td>
<td>Builders Development Corp., Kansas City, MO</td>
</tr>
<tr>
<td>Cory Davis</td>
<td>2012</td>
<td>Kansas Dept. of Transportation, Topeka, KS</td>
</tr>
<tr>
<td>Robert Hosack</td>
<td>2012</td>
<td>HNTB Corp., Kansas City, MO</td>
</tr>
<tr>
<td>Matthew Wright</td>
<td>2012</td>
<td>City of Joplin, Joplin, MO</td>
</tr>
<tr>
<td>Yunjie Zhu</td>
<td>2012</td>
<td>Fairfield Residential, Washington, DC</td>
</tr>
<tr>
<td>Christopher Wichman</td>
<td>2012</td>
<td>Hampton Roads MPO, Norfolk, VA</td>
</tr>
<tr>
<td>Whitney Morgan</td>
<td>2013</td>
<td>Mid-America Regional Council, Kansas City, MO</td>
</tr>
<tr>
<td>Jonathan Hartner</td>
<td>2013</td>
<td>Prairie Fire Development Group, Olathe, KS</td>
</tr>
<tr>
<td>Jonathon Moore</td>
<td>2013</td>
<td>Olsson Associates, Overland Park, KS</td>
</tr>
<tr>
<td>Wade Sanner</td>
<td>2013</td>
<td>Planner I, City of Wheat Ridge, CO</td>
</tr>
</tbody>
</table>
COURSE DESCRIPTIONS

UBPL 300 PLANNING THE AMERICAN CITY (3) Lyles
A broad introduction to the field of urban planning as a technical profession, a process of decision-making, and a governmental function. The multi-disciplinary nature of planning as an area for professional practice in the geographical, socio-economic and political contexts of the U.S. is stressed. The course is intended for both the student who is considering planning as a major field of study and the student with primary interest in a related field who would like a working knowledge of past and current planning in the U.S.

UBPL 502 Undergraduate Sections of an UBPL 802 course.

UBPL 522 HISTORY OF THE AMERICAN CITY I (3) Englehart
This course examines the evolution of American cities from their European antecedents through the late 20th Century, from the urban planning perspective. It focuses on the changing spatial forms and functions of American cities and how these changes relate to socioeconomic and political aspects of urbanization as well as changes in technology. Emphasis is placed on analyzing the relationships between historical development patterns and the current range of problems facing most US cities.

UBPL 538 ENVIRONMENTAL PLANNING TECHNIQUES (3) White/Schulte
This course covers a variety of topics within environmental planning. Each topic is examined with respect to the scope of the issues, the methods of analyzing and/or measuring those issues, and the ways planners can address those issues in order to avoid or mitigate environmental problems. Meets with UBPL 538.

UBPL 565 PRINCIPLES OF ENVIRONMENTAL PLANNING (3) Lyles
This course introduces students to the issues that planners and decision makers face as they strive to protect environmental resources, especially within the context of land use planning. Emphasis will be placed on the theoretical and policy considerations that guide the work of environmental planners. Meets with UBPL 765.

UBPL 701 DIRECTED READINGS (1-6) Staff
Intended to meet the needs of students for study in urban planning beyond the regularly scheduled courses. Requires consent of instructor.

UBPL 705 ECONOMIC ANALYSIS FOR PLANNERS (3) Dunning
An introduction to the concepts and analytical techniques of economics that are most relevant to urban planners. The first half of the course is devoted to microeconomic theory, welfare economics, and the role of the government in the economy. The second half covers public finance, investment analysis, and methods for determining the allocation of public resources (particularly benefit-cost analysis).

UBPL 710 INTRODUCTION TO HOUSING POLICY (3) McClure
Designed to provide an introduction to the various methods used by the public sector in order to intervene in the housing market. Many different programs are used by governments at all levels to serve many different housing goals. This course will examine many of these programs in an effort to understand what they are supposed to accomplish and how well they work. In all cases, the objective of the course is to train planners so that they have a firm understanding of housing programs that exist now as well as a grasp of the methods used to select housing strategies for implementation by the public sector.
UBPL 714  LOCAL ECONOMIC DEVELOPMENT PLANNING (3) McClure
This course provides a broad overview of local economic development planning. Emphasis is on the role of the practitioner and the various activities that can be pursued to encourage and enhance the economic base of a locality. The objectives of the course are to answer the questions: who are economic development planners; what backgrounds and interests do they have; what types of activities do they perform and initiate to encourage and enhance economic development; and how do they decide upon which activities to pursue?

UBPL 716  COMMUNITY AND NEIGHBORHOOD REVITALIZATION (3)
The focus of this course is on the social, physical and economic renewal of urban neighborhoods through the collaborative development and implementation of community and neighborhood revitalization plans. The course also will assess the means by which local government can best support community-based initiatives to redevelop urban neighborhoods. Students in the course will develop substantive knowledge of community and neighborhood revitalization techniques as well as applied knowledge on how to engage with a community client and develop a neighborhood revitalization plan.

UBPL 722  HISTORY OF THE AMERICAN CITY II (3) Englehart
Same as UBPL 522 but gives graduate credit. Graduate students will have additional assignments.

UBPL 730  INTRODUCTION TO LAND USE PLANNING (3) Johnson
This course is about how to put the pieces of cities together in a sustainable manner balancing the competing values of economy, ecology, equity, and livability. It introduces students to the planning process, what makes great plans, the major implementation tools for planning (zoning, capital improvement plans, engineering standards, and subdivision regulations), and major theories for how to plan cities (smart growth, new urbanism, sustainable development, etc.).

UBPL 735  SITE PLANNING (3) Johnson
Site planning is concerned with how buildings, parking, streets, and open spaces are laid out on a particular piece of land. This class provides students with an understanding of the site planning process with an emphasis on site analysis, site design, plan review, and the major components of great public spaces, neighborhoods, and streets.

UBPL 736  PLANNING INSTITUTIONS (3)
This course explores the legal principles underlying the institutions, practices and processes of city planning. Subjects to be discussed include zoning, eminent domain, subdivision regulation, transfer of development rights, environmental regulation, growth management, and other planning mechanisms used to guide urban growth and control the use of land. Students should emerge from the course with a solid understanding of both the logic and routine practice of planning in a procedural and institutional context.

UBPL 737  NEPA ENVIRONMENTAL ASSESSMENTS (3)
This course provides an understanding of how to effectively manage and conduct environmental assessments as required by the National Environmental Protection Act (NEPA). Topics include the history and intent of NEPA; the steps, players and assessment types; techniques used to balance environmental concerns with the social and economic considerations; and the role of the courts and environmental advocacy groups in challenging NEPA assessment findings. The class also addresses the role of leadership, conflict resolution, and consensus building in managing environmental assessments. Case studies are used to examine different assessment types and process approaches.

UBPL 738  ENVIRONMENTAL PLANNING TECHNIQUES (3) White/Schulte
Same as UBPL 538 but gives graduate credit. Graduate students will have additional assignments.
ISSUES IN GROWTH MANAGEMENT (3) Johnson
This course examines various aspects of growth management including its history, legal foundations, and application at different levels of government. Growth management not only means dealing with the rapid growth of cities, it also includes managing slow growth, no growth, and negative growth with the ultimate goal being sustainability. Impacts on affordable housing, economic development, social equity, transportation, and environmental conservation are also explored.

QUANTITATIVE METHODS I (3) Lyles
Introduction to quantitative techniques utilized in planning analysis. Introduction to inferential statistics, computer programming and the use of statistical packages.

QUANTITATIVE METHODS II (3) McClure
Advanced study in planning techniques in the areas of population forecasting, analysis of variance and regression. The course makes extensive use of microcomputers. Prerequisite UBPL 741 or consent of instructor.

INTRODUCTION TO TRANSPORTATION PLANNING (3) Dunning
This course is a survey course covering multiple modes of transportation (planes, trains, buses, automobiles, bicycles, and walking). The field of transportation planning is examined within a policy analysis framework. Knowing the policy context and understanding how decisions are made will assist transportation planners in understanding the world in which they operate. In addition to the policy context, this course will focus on the technical knowledge transportation planners are expected to know like federal requirements, traffic modeling, and specific topics like bicycle and pedestrian planning and traffic calming.

PLANNING INTERCITY TRANSPORTATION SYSTEMS (3) Dunning
This course explores the supply and demand of intercity multimodal movement of people and goods from megaregional to global scales. Students will learn the characteristics and performance of rail, aviation, and marine travel, the nuts and bolts of supply provision, effects of intercity connections on communities, and mechanisms for planning across state and national borders.

TRAVEL DEMAND FORECASTING METHODS (3) Miller
This course is intended to provide a working knowledge of analytical transportation planning; it emphasizes two elements. One emphasis is to describe the fundamental principles of transportation planning through the review of transportation modeling theory and practice. The second emphasis is to work with the TransCad model. Students learn how to use these models by running TransCad (GIS based modeling software), building a transportation model, and using it to forecast future transportation conditions. Prerequisite: UBPL 750 or consent of instructor.

TRANSPORTATION PLANNING IMPLEMENTATION (3)
A variety of transportation implementation methods and strategies are explored. Project management with an emphasis on finance is the major focus of this course. Along with arranging financing, project management is a significant responsibility of transportation planners. Project management includes several key steps including: project initiating, project planning, project execution, and project control. Other techniques included in this course deal with air quality conformity, congestion management, environmental reviews, developing performance measures, scenario testing, highway capacity analysis and micro-simulation modeling, and executing public involvement programs.

PUBLIC TRANSIT (3) Dunning
This course familiarizes students with core concepts and practices in public provision of local transit systems from high-capacity heavy rail to on-the-fly demand response. Course modules examine modes, system design, planning issues, organizational relationships inherent to public transit, and technical operations. The course concludes with an examination of comprehensive transit systems.
UBPL 760  HISTORIC PRESERVATION PLANNING (3) Nimz
In the addition to studying the history of the preservation movement in the United States, the
course will discuss preservation at the state and local level, preservation at the private level,
ordinance creation, legal aspects of preservation, technical issues and contemporary issues and
controversies in the field of preservation. Projects will deal with philosophic and current issues in
preservation.

UBPL 762  SUSTAINABILITY AND THE FUTURE OF THE BUILT ENVIRONMENT (3) Nimz
This course will critically examine the evolving relationship between rehabilitation, preservation,
and new construction in creating a sustainable built environment in the United States during the
twenty-first century. Some observers have insisted that we cannot build our way to sustainability,
but instead must conserve our way to it. What is the appropriate balance of rehabilitation and new
construction in creating a sustainable built environment? What is the appropriate role of planning
and design professionals in this movement? What knowledge and skills will be necessary? The
course will survey the contemporary discussion about defining and evaluating a sustainable built
environment as well as the economic and social requirements for creating a sustainable society.

UBPL 763  PROFESSIONAL PRACTICE (3) White
This course seeks to provide students with both skills and evaluative frameworks to enhance their
work as practicing planners. We will focus specifically on issues related to ethics, citizen
participation, dispute resolution, and management. Considerable attention will be paid to “real-life”
lessons. Prerequisite: UBPL 741 and 815.

UBPL 764  REAL ESTATE DEVELOPMENT PLANNING (3) McClure
This course is designed to provide a working knowledge of the mechanics of real estate investment
analysis. As a planning course, the emphasis is placed upon the process as performed by the
practicing planner working with the public sector. This means that the course covers much of the
same material that is normally included in a real estate development course in a business school.
However, this material is augmented with the study of techniques used to achieve public sector
goals. Among the topics covered in the course are: the calculation of return on investment in real
estate; the financing of real estate development; the various forms of property ownership; and the
implications of tax laws upon the rehabilitation of historic properties and the provision of low-
income housing. Prerequisite: knowledge of spreadsheet software on a personal computer.

UBPL 765  PRINCIPLES OF ENVIRONMENTAL PLANNING (3) White
Same as UBPL 565 but gives graduate credit. Graduate students will have additional
assignments.

UBPL 766  URBAN DESIGN IMPLEMENTATION (3)
Urban design is studied from the perspective of planning controls. Issues include: aesthetics and
zoning, sign regulation, circulation control, administration, finance, downtown revitalization, and
historic preservation.

UBPL 768  REAL ESTATE DEVELOPMENT PLANNING II (3) Grube
This course extends the study of real estate development planning begun in UBPL 764: Real
Estate Development Planning I. The course will examine various forms of public-private
participation in the real estate development process. Advanced study of various public sector
programs to guide and direct the real estate development process will be undertaken, including the
use of tax credits for affordable housing and for historic preservation. Projects developed within
the region will be examined to illustrate the application of these techniques. Prerequisite:
Successful completion of UBPL 764 or permission of instructor.

UBPL 773  ENVIRONMENTAL PLANNING IMPLEMENTATION (3) White
This course emphasizes the details of successful implementation of environmental plans. While the
particular focus (land, water, energy, etc.) may vary, the techniques and processes studied will be
broadly applicable. Students will develop environmental plans using real-world data. Prerequisites:
UBPL 765, UBPL 738, or consent of instructor.
UBPL 802  SPECIAL TOPICS: APPLIED SYSTEMS ANALYSIS (1-6) Staff
This occasional course offering explores special topics in planning.

UBPL 806  THESIS (1-6) Staff
Independent study and research related to the Master's thesis. Requires consent of instructor.

UBPL 815  HISTORY AND THEORY OF THE PLANNING PROCESS (3) Johnson
The course serves as an introduction to the field of city planning and "how to plan" in general. Planners are particularly concerned with future consequences of current actions. In looking to the future, knowing past history is a good place to start. Also, planning theorists have thought deeply about how best to plan and their thoughts and advice can serve planners and decision-makers well when they are facing unknowns.

UBPL 816  POLITICS AND PLANNING  (3) Johnson
Planners and other public servants operate within a highly technical yet political environment. Their expertise can be respected, ignored, or distrusted. Planners often try to bring consensus and action-taking to communities but the very structure of our democracy promotes conflict and stalemate. Understanding power structures can help planners choose the most appropriate techniques and strategies. This class explores the trials, tribulations, and triumphs of planners as they deal with politics.

UBPL 850  URBAN AND REGIONAL THEORY (3) Englehart
The course explores the forces that shape the structure and function of cities and regions, drawing upon insights from planning, geography, economics, sociology, demography, and political science. Special attention is paid to theories that can be applied by urban planners to improve the economic performance, quality of life, and social equity of urban areas. Topics covered include the origin and development of cities, agglomeration economies, location theory, central place, mix-and-share analysis, economic base, input-output, labor markets, urban models, regional development planning, globalization, high technology, urban poverty, and problems of regional governance. Prerequisite: UBPL 741 and 815.
APPENDIX A

JOINT DEGREE WITH AMERICAN STUDIES LEADING TO THE
MASTER OF ARTS IN AMERICAN STUDIES AND MASTER OF URBAN PLANNING DEGREE

PROGRAM OBJECTIVES

The relationship between Urban Planning and American Studies is direct. Responsible planning for urban communities requires attention to concerns of urban history, the arts, and cultural dimensions of these communities. Conversely, responsible scholarship and practice in American Studies may require an understanding and competence to deal with the comprehensive character of urban communities including the political, economic, social, and physical factors which influence the planning of a community’s future in public policy terms.

The objective of this program is to meet the needs of both Urban Planning and American Studies for interdisciplinary knowledge by offering a dual degree program for the graduate student who intends to engage in planning for the arts, cultural activities and facilities, and historical preservation within urban communities. This program combines into two and one-half years of study the normal two year Master of Urban Planning (48 credit hours) and the normal one year Master of Arts (M.A.) Degree in American Studies (30 credit hours) offered by the College of Liberal Arts and Sciences.

ADMISSION REQUIREMENTS

To be admitted to the combined M.U.P./M.A. program, a student must meet the admission requirements for both degree programs and preferably should be admitted by both programs prior to entrance into the first year of the combined program. A student who decides to enter the combined program after the completion of his or her second semester in the Department of Urban Planning or in the regular M.A. program in American Studies should discuss their plans with both programs as soon as possible.

Admission to the American Studies graduate program is based primarily on the applicant's undergraduate and/or graduate record, references from persons familiar with the applicant’s work, and a statement of academic objectives prepared by the applicant. Completion of a bachelor's degree is ordinarily required of all applicants but may not be necessary if the student has shown outstanding achievement through other means. Students should have taken a substantial amount of work in American Studies or in a related field (e.g. American history, literature, art, sociology, anthropology, economics, political science, psychology, journalism). Moreover, prospective students should arrange to take the Graduate Record Examination aptitude test and to have the application fee or specific deadlines for receiving applications. Applications for admission should be submitted to the Chairman, American Studies Program, 2120 Wescoe Hall.

Persons whose previous records indicate ability to succeed with advanced work may be admitted to the Graduate School through the Department of Urban Planning. Ordinarily, admission requires a bachelor’s degree and a grade-point average of approximately B (3.0 on a 4 point scale) from the University of Kansas or another institution with substantially equivalent requirements for the bachelor’s degree. Persons not holding a bachelor’s degree may be admitted in exceptional cases, but only if they can give convincing evidence of their intellectual attainments by other means. Admission decisions are based on the information supplied in the application materials described below. The Graduate Record Examination is required.

DEGREE REQUIREMENTS

A. Total Combined Program

<table>
<thead>
<tr>
<th></th>
<th>For MUP</th>
<th>For MA</th>
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</thead>
<tbody>
<tr>
<td>Required Courses for Combined Degree</td>
<td>24</td>
<td>9</td>
</tr>
<tr>
<td>Specialization, Elective &amp; Thesis Courses for Combined Program</td>
<td>15</td>
<td>12</td>
</tr>
<tr>
<td></td>
<td>39</td>
<td>21</td>
</tr>
</tbody>
</table>

B. Urban Planning Courses Required of all Combined Degree Candidates
### Required Courses:
- UBPL 705 - Economic Analysis for Planners 3
- UBPL 736 - Planning Institutions 3
- UBPL 741 - Quantitative Methods I 3
- UBPL 742 - Quantitative Methods II 3
- UBPL 763 - Professional Practice 3
- UBPL 815 - History and Theory of the Planning Process 3
- UBPL 850 - Urban and Regional Theory 3
- Specialization Implementation Course 3

| Specialization Courses in Urban Planning: | 9 |
| Support Courses in Urban Planning: | 6 |

**TOTAL URBAN PLANNING COURSE WORK:** 39

### C. American Studies Courses Required of All Combined Degree Candidates

#### Required Courses:
- AMS 801 - Intro to American Studies 3
- AMS 802 - Theorizing America 3
- AMS 803 - Research Methods in American Studies 3
- AMS 804 - Research Seminar 3
- AMS 899 - Thesis 6

| Elective Support Courses in American Studies: | 6 |

**TOTAL AMERICAN STUDIES COURSE WORK:** 21
APPENDIX B

JOINT DEGREE IN URBAN DESIGN LEADING TO THE
MASTER OF ARCHITECTURE AND MASTER OF URBAN PLANNING

ADMISSION REQUIREMENTS

The prospective student must fulfill certain prerequisites and procedures before acceptance in the joint degree program. These are:

1) A student must have earned a baccalaureate degree from an accredited college or university.
2) Applicants must complete one course in college physics (4 hours with a lab) before admittance in the joint degree program.
3) The Graduate Record Examination (GRE) is required.
4) Applicants must be accepted separately by the Departments of Architecture and Urban Planning.
5) Students pursuing the Master of Architecture may apply to the joint degree program prior to their third year of study. Students pursuing the Master of Urban Planning degree may apply to the joint degree during but not past their first year of study.

DEGREE REQUIREMENTS

The student must complete:

1) All of the required core courses in the Master of Architecture degree.
2) All of the required core courses in the Master of Urban Planning degree.
3) Three designated courses in urban design from Urban Planning (Introduction to Urban Design, Real Estate development, and Urban Design Implementation) and one course in land use planning (Introduction to Land Use Planning).
4) Three hours of electives in Architecture and six hours of electives in Urban Planning.
5) A written comprehensive examination administered by the Department of Urban Planning in the fourth year of study.

JOINT ARCHITECTURE AND URBAN PLANNING MASTER DEGREE CURRICULUM SCHEDULE

<table>
<thead>
<tr>
<th></th>
<th>Credit Hours</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Summer (may be required of some students)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ARCH 502 Accelerated Design 1</td>
<td>6</td>
<td></td>
</tr>
<tr>
<td>ARCH 613 Visual Thinking</td>
<td>3</td>
<td></td>
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</table>

First Year Architecture

<table>
<thead>
<tr>
<th></th>
<th>Fall</th>
<th>Spring</th>
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<tbody>
<tr>
<td>ARCH 503 Accelerated Design II</td>
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<td>ARCH 504 Accelerated Design III</td>
</tr>
<tr>
<td>ARCH 626 Building Technology I</td>
<td>3</td>
<td>ARCH 540 Arch. History I</td>
</tr>
<tr>
<td>ARCH 665 History of Urban Design</td>
<td>3</td>
<td>ARCH 627 Building Technology II</td>
</tr>
<tr>
<td>ARCH 560 Site Planning</td>
<td>3</td>
<td>ARCE 530 Envr. Systems I</td>
</tr>
<tr>
<td>ARCH 541 Arch. History II</td>
<td>3</td>
<td>ARCH 524 Structures I</td>
</tr>
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</table>

Summer

|                | ARCH 505 Study Abroad Studio  | 6              | Lawrence Campus July |
|----------------|ARCH 690 Architectural Study Abroad  | 3              | Abroad June          |

Second Year Architecture

<table>
<thead>
<tr>
<th></th>
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<th>Spring</th>
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<tr>
<td>ARCH 608 Core Studio IV</td>
<td>6</td>
<td>ARCH 609 Comprehensive Studio</td>
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<tr>
<td>ARCH 531 Envr. Systems II</td>
<td>3</td>
<td>ARCH 542 Arch. History III</td>
</tr>
<tr>
<td>ARCH 624 Structures II</td>
<td>4</td>
<td>ARCH 701 Intro to Grad Studies</td>
</tr>
<tr>
<td>ARCH 541 Arch. History II</td>
<td>3</td>
<td>ARCH 552 Prof. Practice</td>
</tr>
<tr>
<td>ARCH 658 Arch. Mgmt. Sys./Pro.</td>
<td>3</td>
<td>or 852</td>
</tr>
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</table>

Third Year Urban Planning

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<thead>
<tr>
<th></th>
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<th>Spring</th>
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</thead>
<tbody>
<tr>
<td>UBPL 741 Quant Methods I</td>
<td>3</td>
<td>UBPL 705 Econ. Anal. for Planners</td>
</tr>
<tr>
<td>UBPL 815 History &amp; Theory of Planning</td>
<td>3</td>
<td>UBPL 736 Planning Institutions</td>
</tr>
<tr>
<td>UBPL xxx Specialization Course</td>
<td>3</td>
<td>UBPL 742 Quant Methods II</td>
</tr>
<tr>
<td>UBPL xxx UBPL Elective</td>
<td>3</td>
<td>UBPL xxx Specialization Course</td>
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</table>
### Fourth Year  Architecture and Urban Planning

<table>
<thead>
<tr>
<th>Fall</th>
<th>Spring</th>
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</thead>
<tbody>
<tr>
<td>ARCH 8xx Professional Options Elective</td>
<td>ARCH 8xx Professional Options</td>
</tr>
<tr>
<td></td>
<td>6</td>
</tr>
<tr>
<td>UBPL 763 Professional Practice</td>
<td>ARCH xxx Professional Options Elective</td>
</tr>
<tr>
<td></td>
<td>3</td>
</tr>
<tr>
<td>UBPL 850 Urban &amp; Regional Theory</td>
<td>ARCH xxx Arch. Elective</td>
</tr>
<tr>
<td></td>
<td>3</td>
</tr>
<tr>
<td>UBPL 7xx Specialization Elective</td>
<td>UBPL 7xx Specialization Implementation</td>
</tr>
<tr>
<td></td>
<td>3</td>
</tr>
</tbody>
</table>

#### Summary

**Total Combined Program**

| With Architecture Accelerated Courses | 142 |
| Without Architecture Accelerated Courses | 133 |

**Architecture Hours**

| Arch. Hours with Accelerated Courses | 103  |
| Arch. Hours without Accelerated Courses | 94   |

| Reduced Arch. Hours | 15 |
| Reduced Arch. Hours  | 15 |

**Urban Planning Hours**

| Required Accreditation Degree Hours | 39  |

| Reduced UBPL Hours | 9 |

**Total Course Reduction** | 24 |
APPENDIX C

JOINT DEGREE WITH ARCHITECTURE LEADING TO THE
B.A. ARCHITECTURAL STUDIES AND MASTER OF URBAN PLANNING
DEGREE

PROGRAM OBJECTIVES

Urban planners work with civic leaders, residents and businesses to develop new solutions to community problems. They help leaders envision the direction their community will grow and find the right balance of new development and services, environmental protection, and innovative change.

Urban planners are trained to protect the environment, to create housing for people, to preserve historic buildings and places, to design public spaces, to develop alternative transportation choices, to foster economic development and to craft healthy communities. Good urban planning creates communities that offer better choices for living. Planners help people make their communities more convenient, healthful, efficient, fair and attractive. Good planning improves the welfare of people and communities in the present and for the future.

The Master of Urban Planning (M.U.P.) degree is the normal academic qualification for those who wish to become professional planners. KU's accredited M.U.P. is offered by the Department of Urban Planning in the School of Architecture, Design and Planning. The degree includes core courses in planning history, theory and methods as well as specialized classes in environmental planning, housing and development planning, land use planning and urban design, and transportation planning.

An M.U.P. degree opens doors to careers in environmental conservation, housing, economic development, historic preservation, real estate development, and many other areas. State, city and local governments as well as private companies and nonprofit agencies employ planners. There are planning jobs in such areas as health care delivery, criminal justice, education, public finance and law.

ADMISSION REQUIREMENTS

The “4+1” Plan

The Master of Urban Planning degree requires two years of full-time, graduate-level coursework. Normally, a student would complete a bachelor’s degree in a relevant discipline such as architecture, engineering, geography, sociology, business or environmental studies before beginning the 2-year M.U.P. degree at KU.

Students in the B.A. Architectural Studies degree program who wish to receive an accredited, professional M.U.P. have the opportunity to shorten the usual 6-year period required to complete a bachelor’s degree and the M.U.P. by one full year of study. Beginning in 2010, Architectural Studies students who 1) achieve a GPA of 3.25 by the end of their third year of study, and 2) complete the appropriate B.A. requirements shown below, have the opportunity to spend their fourth year in the B.A. degree completing the first year of courses required in the M.U.P. These urban planning classes are used to satisfy remaining undergraduate requirements so that students receive the B.A. degree at the end of their fourth year. This also allows students to finish the second and final year of M.U.P. work in their fifth year at KU, at which time they would also be awarded the accredited M.U.P. degree.

Course requirements and application procedures are described in the following table. Any Architectural Studies student who would like to follow this “fast track” to a professional degree in urban planning should contact the B.A.-M.U.P. advisor or the associate dean during the first year of study.
JOINT B.A. ARCHITECTURAL STUDIES AND URBAN PLANNING
MASTER DEGREE CURRICULUM SCHEDULE

**Year One:** See the B.A.-M.U.P. advisor about requirements and course options. Complete 30-36 credits that count toward the B.A., as shown below.

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>English 101</td>
<td>3</td>
</tr>
<tr>
<td>Mathematics 105, 106 or 115</td>
<td>3</td>
</tr>
<tr>
<td>Architecture 103</td>
<td>3</td>
</tr>
<tr>
<td>Architecture 105</td>
<td>1</td>
</tr>
<tr>
<td>Social Science</td>
<td>3</td>
</tr>
<tr>
<td>Humanities</td>
<td>3</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>16</strong></td>
</tr>
</tbody>
</table>

**Year Two:** Check progress with the B.A.-M.U.P. advisor and continue work on the Architectural Studies core courses, distribution classes, and other requirements. Complete an additional 30-36 credits as shown below and maintain a minimum cumulative GPA of 3.25.

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Foreign Language</td>
<td>5</td>
</tr>
<tr>
<td>English (200-level or above)</td>
<td>3</td>
</tr>
<tr>
<td>Western Civilization I</td>
<td>3</td>
</tr>
<tr>
<td>Architecture 340</td>
<td>3</td>
</tr>
<tr>
<td>Humanities</td>
<td>3</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>17</strong></td>
</tr>
</tbody>
</table>

**Year Three:** Enroll in an additional 30-36 credits of course work so that 100 credit hours are completed before the fall semester of the fourth year. These credits should include any degree requirements that are not Architecture Major Electives, Interest Area Electives or Electives of Choice. In addition, to fill some of the five elective courses listed below, consider enrolling in UBPL 300 Planning the American City; UBPL 522 History of the American City; or UBPL 565 Principles of Environmental Planning. Make sure that at least 21 upper-division credits (classes numbered 300 and above) are completed by the end of the third year.

Meet with the B.A.-M.U.P. advisor during the fall semester. By March, submit the internal application (for the B.A.-M.U.P.) so that you may enroll in urban planning classes during the fourth year, and make sure that your GPA is at least 3.25 by the end of the third year.

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Foreign Language</td>
<td>3</td>
</tr>
<tr>
<td>Architecture 342</td>
<td>3</td>
</tr>
<tr>
<td>Humanities</td>
<td>3</td>
</tr>
<tr>
<td>Architecture Elective</td>
<td>3</td>
</tr>
<tr>
<td>Interest Elective</td>
<td>3</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>15</strong></td>
</tr>
</tbody>
</table>

**Year Four:** Meet with the B.A.-M.U.P. advisor to confirm that all course work is appropriate for completion of the B.A. requirements and that enrollment in urban planning classes meets the first-year requirements for the M.U.P. Complete the required 24 credits of graduate classes in urban planning and submit the full application for the M.U.P. degree by July 1 following the fourth year. Enroll in 6 credits of urban planning electives during the summer following the fourth year.

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>UBPL 741 Quantitative Methods I</td>
<td>3</td>
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<tr>
<td>UBPL 815 History &amp; Theory</td>
<td>3</td>
</tr>
<tr>
<td>Urban Planning Elective</td>
<td>3</td>
</tr>
<tr>
<td>Urban Planning Elective</td>
<td>3</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>12</strong></td>
</tr>
</tbody>
</table>
**Summer following Year Four:**

- Urban Planning Elective 3
- Urban Planning Elective 3
- Urban Planning Elective 3
- Urban Planning Elective 3
- Urban Planning Elective 3
- Urban Planning Elective 3

**Year Five:** Meet with the M.U.P. advisor to make sure that appropriate progress to degree is being made. Complete the courses listed below.

```
UBPL 850 Urban/Regional Theory 3  UBPL Implementation Seminar 3
UBPL 763 Professional Practice 3  Urban Planning Elective 3
Urban Planning Elective 3  Urban Planning Elective 3
Urban Planning Elective 3  Urban Planning Elective 3
12 12
```
APPENDIX D

JOINT DEGREE WITH GEOGRAPHY LEADING TO THE MASTER OF ARTS IN GEOGRAPHY AND MASTER OF URBAN PLANNING DEGREE

PROGRAM OBJECTIVES

Urban Planning and Geography have a long history of interaction and connection. Responsible planning in urban communities requires an understanding of the human and physical geographies of these communities, and contemporary planning practice demands familiarity with advanced geographic techniques and information systems. Conversely, expertise in geography – and particularly specialization in urban geography – may require an understanding of and competence to deal with the planning dynamics of urban communities.

The objective of this program is to meet the needs of both Urban Planning and Geography for interdisciplinary knowledge by offering a dual degree program for the graduate student who intends to engage professionally in both planning and geography. The program combines in three years the normal two year Master of Urban Planning (48 credit hours) and the normal two year Master of Arts (MA) degree in Geography (30 credit hours) offered by the College of Liberal Arts and Sciences.

ADMISSION REQUIREMENTS

To be admitted to the combined MUP/MA program, a student must meet the admission requirements for both degree programs and should submit a separate application to each program. It is preferable that a student be admitted to both programs prior to beginning their graduate work. If a student decides to enter the combined program after the completion of his or her second semester in either the Department of Urban Planning or the regular MA program in Geography, he or she should discuss those plans with both programs as soon as possible.

Geography Applications:

Admission to the Geography graduate program is based primarily on the applicant’s undergraduate and/or graduate record, references from persons familiar with the applicant’s work, GRE scores (required), and a statement of academic objectives prepared by the applicant. Applicants without prior training in geography are welcome but are required to improve their basic knowledge of the several broad divisions within geography: systematic, methodological, and regional. Courses taken to remedy such deficiencies may not count toward graduate degrees. Admissions materials should be submitted to:

Geography Department
1475 Jayhawk Blvd., Room 213
University of Kansas
Lawrence, KS 66045-7575.

Information concerning application deadlines, course requirements and descriptions, faculty, and so on is available on the Urban Planning and Geography web sites. The Urban Planning Chair and the Geography Director of Graduate Studies are also available to provide further assistance to applicants.

DEGREE REQUIREMENTS

A. Total Combined Program

<table>
<thead>
<tr>
<th>Required Credit Hours for Combined Degree</th>
<th>For MUP</th>
<th>For MA</th>
<th>Total</th>
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</thead>
<tbody>
<tr>
<td>Specialization, Elective &amp; Thesis</td>
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<tr>
<td>Courses For Combined Program</td>
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<td>TOTAL</td>
<td>39</td>
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B. Urban Planning Courses Required of all Joint Degree Candidates

<table>
<thead>
<tr>
<th>Required Courses</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>UBPL 705 – Economic Analysis for Planners</td>
<td>3</td>
</tr>
<tr>
<td>UBPL 736 – Planning Institutions</td>
<td>3</td>
</tr>
<tr>
<td>UBPL 741 – Quantitative Methods I</td>
<td>3</td>
</tr>
<tr>
<td>UBPL 742 – Quantitative Methods II</td>
<td>3</td>
</tr>
</tbody>
</table>
UBPL 763 – Professional Practice 3
UBPL 815 – History and Theory of the Planning Process 3

UBPL 850 – Urban and Regional Theory 3

Specialization Courses in Urban Planning 12
Elective Courses in Urban Planning 6
TOTAL URBAN PLANNING COURSE WORK 39

C. Geography Courses Required of All Combined Degree Candidates

Required Courses:
GEOG 714 – Field Experience 3
GEOG 805 – Introduction 2
GEOG 806 – Basic Seminar 2
At least one Techniques course (3 credit hours required) 3
At least one Human Geography course (3 credit hours required) 3
At least one Physical Geography course (3 credit hours required) 3

Thesis Hours
GEOG 899 – Master Thesis 6

The Chair of the Master thesis committee must come from the Department of Geography. At least one thesis committee member must come from the Department of Urban Planning.

TOTAL GEOGRAPHY COURSE WORK 22

Students will choose Techniques courses from among the following:
GEOG 513 – Cartographic Design
GEOG 514 – Visualizing Spatial Data
GEOG 517 – Data Handling and Map Symbolization
GEOG 526 – Remote Sensing of Environment I
GEOG 558 – Intermediate GIS
GEOG 710 – Information Design
GEOG 716 – Advanced Geostatistics
GEOG 726 – Remote Sensing of Environment II
GEOG 758 – Geographic Information Science
GEOG 802 – Urban GIS
GEOG 858 – Environmental GIS
GEOG 911 – Seminar in Cartography
GEOG 912 – Seminar in Quantitative Methods
GEOG 926 – Seminar in Remote Sensing

Other Geography courses at the 500-level or above may be used to fulfill requirements in this category on the basis of petition.

Students will choose Human Geography courses from among the following:
GEOG 556 – Geography of the Energy Crisis
GEOG 557 – Cities and Development
GEOG 575 – Geography of Population
GEOG 670 – Cultural Ecology
GEOG 719 – Development of Geographic Thought
GEOG 752 – Topics in Urban/Economic Geography
GEOG 771 – Topics in Cultural Geography
GEOG 790 – North American Regions
GEOG 970 – Seminar in Cultural Geography
GEOG 972 – Seminar in Political Geography
Other Geography courses at the 500-level or above may be used to fulfill requirements in this category on the basis of petition.

Students will choose Physical Geography courses from among the following:
- ATMO 525 – Air Pollution
- GEOG 521 – Microclimatology
- GEOG 531 – Topics in Physical Geography
- GEOG 535 – Introduction to Soil Geography
- GEOG 541 – Geomorphology
- GEOG 731 – Topics in Physical Geography
- GEOG 733 – Advanced Biogeography Field and Laboratory Techniques
- GEOG 735 – Soil Geomorphology
- GEOG 756 – Energy Problems and the Economic-Physical Environment
- GEOG 935 – Seminar in Soil Geography

Other Geography courses at the 500-level or above may be used to fulfill requirements in this category on the basis of petition.
APPENDIX E

JOINT DEGREE WITH LAW LEADING TO THE JURIS DOCTORATE AND MASTER OF URBAN PLANNING DEGREE

The joint degree program in law and urban planning is designed for students intending to practice law who might become concerned with the problems of housing, land use, transportation, urban design, or urban and regional development. The course of study provides a method to develop professionals capable of dealing with both the legal and planning aspects of urban problems. Graduates with these two degrees will be able to apply their skills in both the public and private sectors.

The program combines into four years the normal three-year J.D. program offered by the School of Law and the two-year M.U.P. program offered by the Department of Urban Planning in the School of Architecture, Design and Planning. Students in the program must complete seventy-six credit hours in law and thirty-nine credit hours in urban planning. Near the end of the course of study each candidate must successfully pass a written comprehensive examination administered by the Department of Urban Planning or write a thesis approved by the Student's Thesis Committee in Urban Planning.

ADMISSION REQUIREMENTS

The joint J.D./M.U.P. program is open to those who have earned a baccalaureate degree from an accredited college or university and whose undergraduate record indicates that the applicant has the capacity to complete the law and urban planning programs. Applicants for the J.D./M.U.P. program must meet the admission requirements of the School of Law, the Department of Urban Planning and the Graduate School. Applicants must apply and be admitted to each school separately prior to entrance into the first year of the program. The Law School Admission Test (LSAT) and the Graduate Record Examination (GRE) scores are required. A student who decides to enter the program while enrolled in the first year of the J.D. or M.U.P curriculum must consult and obtain approval from the School of Law and the Department of Urban Planning as soon as possible. No student may enter the joint degree program after completing more than three full semesters in the Law School or in the Department of Urban Planning.

TYPICAL ENROLLMENT PATTERN

<table>
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<th></th>
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<tbody>
<tr>
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<td>31</td>
<td>0</td>
<td>31</td>
</tr>
<tr>
<td>Second Year</td>
<td>2^a</td>
<td>24</td>
<td>26</td>
</tr>
<tr>
<td>Third Year</td>
<td>20</td>
<td>9</td>
<td>29</td>
</tr>
<tr>
<td>Fourth Year</td>
<td>23</td>
<td>6</td>
<td>29</td>
</tr>
<tr>
<td>Total Credit Earned</td>
<td>76</td>
<td>39</td>
<td>115</td>
</tr>
</tbody>
</table>

DEGREE REQUIREMENTS

I. Law Courses Required of All Students

A. First Year Courses:
   - LAW 821 - Appellate Advocacy 2
   - LAW 822 - Civil Procedure I 3
   - LAW 823 - Civil Procedure II 3
   - LAW 835 - Contracts I 3
   - LAW 836 - Contracts II 3
   - LAW 841 - Criminal Law 2
   - LAW 842 - Criminal Procedure 4
   - LAW 852 - Legal Research & Writing 2
   - LAW 857 - Property I 3
   - LAW 858 - Property II 2
   - LAW 872 - Torts 4
   - Total 29

Credit Hours

31
B. Upper Class Courses:
LAW 915 - Commercial Law I 3
LAW 920 - Constitutional Law 4
LAW 938 - Evidence 3
LAW 978 - Professional Responsibility 2

C. Required Elective Courses for all Joint Degree Candidates:
LAW 900 - Administrative Law 3
LAW 944 - Government Control of Land Development 2-3
LAW 969 - Local Government Law 3
LAW 997 - Legislation 3

D. Additional Elective Courses for all Joint Degree Candidates.
At least 5 credits from the following list:
LAW 906 - Agriculture Law 3
LAW 907 - Agriculture Law Seminar 2
LAW 908 - Alternate Dispute Resolution 2-3
LAW 935 - Environmental Law Seminar 2-3
LAW 945 - Health Law & Policy 3
LAW 959 - Land Transactions 3
LAW 972 - National Environmental and Energy Policy 3
LAW 974 - Oil & Gas 3
LAW 981 - Public Lands and Natural Resources 3
LAW 982 - Public Policy Clinic* 3
LAW 984 - Regulation of Air and Water Pollution 3
LAW 985 - Reg. of Toxic Substances & Hazardous Waste 2-3
LAW 986 - Regulatory Law and Policy 3
LAW 992 - Water Law 3

* only if advisor in the Department of Urban Planning approves for an elective
assuming that the course contains planning related subject.

II. Urban Planning Courses Required of all Students
A. Core Curriculum:
UBPL 736 - Planning Institutions 3
UBPL 850 - Urban and Regional Theory 3
UBPL 741 - Quantitative Methods I 3
UBPL 742 - Quantitative Methods II 3
UBPL 815 - History and Theory of the Planning Process 3
UBPL 763 - Professional Practice 3
UBPL 705 - Economic Analysis for Planners 3

B. Major:
At least 12 credits in one of the following specialty areas: Housing and Development
Planning, Land Use and Environmental Planning, Transportation Planning, or Urban
Design. One course in the area of specialization must be an implementation
seminar. No minor is required.

C. Electives:
At least 6 credits from Urban Planning courses.
III. Summary of Degree Requirements
   A. Law Courses
      A. First Year Courses 31
      B. Other Required Courses 12
      C. Required Electives*b 11
      D. Additional Electives 5
      E. Other Law Courses*c 17
               76
   B. Urban Planning Courses
      A. Core Curriculum 21
      B. Major 12
      C. Electives 6
               39
   C. Planning Courses Counted Towards J.D. Degree 14
   D. Law Courses Counted Towards M.U.P Degree 9
      Total Degree Requirements: 90

ADDITIONAL INFORMATION

For additional information, please review the material in regard to the regular programs contained in the Bulletin of the School of Law and in the Prospectus of the Department of Urban Planning or contact the Associate Dean, School of Law, The University of Kansas, 1535 W. 15th Street, Lawrence, Kansas, 66045, (785) 864-4550 or the Chair of the Department of Urban Planning, 317 Marvin Hall, The University of Kansas, Lawrence, Kansas, 66045-7626, (785) 864-4184.

*a Required Second Year Course: Professional Responsibility

*b This list is subject to change by agreement of the two programs.

*c May be selected from the list of Additional Electives.

The University of Kansas Graduate School Catalog states specifically that all course work counted toward a master's degree requires a B average for the award of the degree. The School of Law Catalog states specifically that all candidates for the J.D. degree must attain a grade point average of 2.0 in all course work taken to fulfill degree requirements. All joint degree aspirants must fulfill the writing requirements of the School of Law. Please see the current School of Law catalog.
APPENDIX F
JOINT DEGREE WITH PUBLIC ADMINISTRATION LEADING TO THE
MASTER OF PUBLIC ADMINISTRATION AND MASTER OF URBAN PLANNING DEGREE

UBPL 741 substitutes for PUAD 836

<table>
<thead>
<tr>
<th>1st Year: Urban Planning</th>
<th>Course</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fall Semester</td>
<td>UBPL 741</td>
<td>Quantitative Methods I</td>
</tr>
<tr>
<td></td>
<td>UBPL 815</td>
<td>History and Theory of the Planning Process</td>
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<td></td>
<td>UBPL Course</td>
<td>Specialization Theory</td>
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<tr>
<td>Spring Semester</td>
<td>UBPL 705 *</td>
<td>Economic Analysis for Planners</td>
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<td>UBPL 736</td>
<td>Planning Institutions</td>
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<td></td>
<td>UBPL 742</td>
<td>Quantitative Methods II</td>
</tr>
<tr>
<td></td>
<td>UBPL Course</td>
<td>Specialization Course or Elective</td>
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<table>
<thead>
<tr>
<th>2nd Year: Urban Planning</th>
<th>Course</th>
<th>Credit Hours</th>
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<tbody>
<tr>
<td>Fall Semester</td>
<td>UBPL 850</td>
<td>Urban and Regional Theory</td>
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<td>UBPL Course</td>
<td>Specialization Course or Elective</td>
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<tr>
<td></td>
<td>UBPL Course</td>
<td>Specialization Course or Elective</td>
</tr>
<tr>
<td>Spring Semester</td>
<td>UBPL 763</td>
<td>Professional Practice</td>
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<td>UBPL Course</td>
<td>Implementation Seminar in Area of Specialization</td>
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<td></td>
<td>UBPL Course</td>
<td>Specialization Course or Elective</td>
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<table>
<thead>
<tr>
<th>3rd Year: Public Administration</th>
<th>Course</th>
<th>Credit Hours</th>
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<tbody>
<tr>
<td>Summer Semester</td>
<td>PUAD 841</td>
<td>Role, Context, and Ethics of Public Administration</td>
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<tr>
<td></td>
<td>PUAD 845</td>
<td>Public Management and Organizational Analysis</td>
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<tr>
<td>Fall Semester</td>
<td>PUAD 831</td>
<td>Public Administration Practicum</td>
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<td></td>
<td>PUAD 834</td>
<td>Human Resource Management</td>
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<tr>
<td></td>
<td>PUAD 845</td>
<td>Public Management and Organizational Analysis</td>
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<tr>
<td></td>
<td>PUAD 835</td>
<td>Public Finance</td>
</tr>
<tr>
<td>Spring Semester</td>
<td>PUAD 837</td>
<td>Budget and Policy Analysis</td>
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<tr>
<td></td>
<td>PUAD 842</td>
<td>Law and Administration</td>
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<td></td>
<td>PUAD 825</td>
<td>Urban Politics and Administration</td>
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<thead>
<tr>
<th>4th Year: Public Administration</th>
<th>Course</th>
<th>Credit Hours</th>
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<tbody>
<tr>
<td>Fall Semester</td>
<td>PUAD 894</td>
<td>Professional Development Seminar I</td>
</tr>
<tr>
<td>Spring Semester</td>
<td>PUAD 895</td>
<td>Professional Development Seminar II</td>
</tr>
</tbody>
</table>

Total MUP Hours (39 Hours Required for PAB Accreditation) - 9 Hour Reduction | 39 |
Total PUAD Hours - 3 Hour Reduction | 31 |
Total Hours | 70 |

* Although UBPL 705 (Economic Analysis for Planners) may cover some of the same topics in PUAD 835 (Public Finance), planning students need economics at this stage of their education to take UBPL 850 (Urban and Regional Theory) and to take their comprehensive exams.