



# SCHOOL OF URBAN AND REGIONAL PLANNING



## PAARALAN ng PAGPAPLANONG URBAN at REHIYONAL

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**T**he establishment of the UP School of Urban and Regional Planning (UP SURP) can be traced to the imperative to address various local development problems in the country. In 1946, the National Urban Planning Commission (NUPC) was created through Executive Order No. 98 as the government's response to the challenges of the post World War II reconstruction. The NUPC was tasked to assist in the rebuilding of cities that had been destroyed by the war. During this time, problems in local planning began to surface gradually, and symptoms of ineffective use of land control measures, along with the problems associated with population growth, characterized many of the cities all over the country. Various reports also cited major problems and constraints facing urban and regional planning in the country.

In 1965 came the Philippine Republic Act 4341 (RA 4341) establishing the Institute of Planning. It was enacted as a national policy aimed at:

- Strengthening the capability of national and local government agencies and private organizations to find solutions to their development problems;
- Improving human settlements and their environments through comprehensive integrated planning; and,
- Developing and making available a pool of capable professional urban and regional planners.

In response to the RA 4341 mandate, the UP Board of Regents approved the establishment of the Institute of Planning on 22 October 1965. Dr. Leandro A. Vilorio served as its first Director. The first academic program implemented in 1968 by the institution was the Master in Environmental Planning (MEP) in the academic year 1968-1969. This program was conceived to emphasize the comprehensive nature of planning, and to cover all the phases of the planning process as it was carried out at various levels of government.

The year 1969 marked several milestones for the Institute:

- The first batch of MEP graduates;
- The establishment of the Philippine Institute of Environmental Planners (PIEP) on 16 October; and
- A series of research activities for literature on planning and the publication of the maiden issue of the Philippine Planning Journal (PPJ).

Soon after, the Institute changed its name and became the Institute of Environmental Planning (IEP) in consonance with the degree it granted its students. It was in May 1974 that the IEP first implemented a new curriculum called the Master of Urban and Regional Planning (MURP), introducing courses under the various fields of specialization in planning, which included: urban planning, regional planning, public works planning, and estate planning.

In 1982, the Institute formally launched the Doctor of Philosophy program in Urban and Regional Planning [PhD(URP)]. During this period, the Special Course in Urban and Regional Planning was first offered. The SCURP, as it is called, is an intensive training course in development planning, parallel to the graduate program of the School. It caters to planners and advocates who have no opportunity to obtain formal planning education.

On June 28, 1983, the IEP became what today is known as the UP School of Urban and Regional Planning. It was during this year that the curricular offerings of the school, and the consequent degrees earned by the students were focused on specific fields of specialization, which included: Urban Planning, Regional Planning, Public Works Planning, Estate Planning, and Transportation Planning.

*Amidst the political turmoil of the mid-eighties, the School was able to continue its tradition of contributing to national development and progress. It played a major role in crafting the 1987 Constitution, particularly on the planning and human settlements provisions, which became the basis for the formulation of the Urban Development and Housing Act (UDHA) and the Local Government Code of 1991 (LGC 1991). The School also actively participated in legislative proceedings on measures such as the Urban Land Reform Code.*

*In response to the growing demand for more professional planners in the country, the School pursued the adoption of a diploma course in urban and regional planning. After three years of sustained efforts, the proposed program was approved by the University in early 1992. This opened the door wider for government employees and officials to answer the call for more competent planners. In June 1992, the Diploma in Land Use Planning was offered for the first time. The Master of Arts in Transport Planning (MATP) was also introduced in coordination with the UP National Center for Transportation Studies (NCTS).*

*In October 1995, the UP SURP officially became the Asian partner of the Technical University of Dortmund in Germany for Spatial Planning for Regions in Growing Economies (SPRING) Programme. The principal program of the partnership is the joint offering by the SPRING Center, Faculty of Spatial Planning, Technical University of Dortmund, and the School of Urban and Regional Planning, University of the Philippines, initially of an MA program in Regional Development Planning (MA RDP), later revised to become the current Master of Science in Regional Development Planning (MS RDP). In the same year, the School implemented an off-campus program for the Public Estates Authority (PEA) staff in its efforts to expand its diploma degree program.*

*In line with its thrust to democratize access to its graduate programs, the School established a Graduate Diploma program in Urban and Regional Planning in the campuses of UP in Cebu and Davao City. The diploma program expanded to UP Iloilo in 1997 and in UP Baguio in 1998. During this time, a Master in Urban and Regional Planning program was also established in UP Mindanao.*

*The country's shifting emphasis of planning and development policies and major socio-political and economic changes prompted a series of institutional, development transformation and significant milestones, particularly in graduate education, in over four decades of SURP's existence.*

*In academic years 2000 to 2001, the school underwent major revisions in its curricular offerings, introducing the ladderized program in urban and regional planning in which courses in the lower degree were credited in the higher degree. The Diploma in Urban and Regional Planning (DURP) led to the Masters of Arts in Urban and Regional Planning (MAURP) and consequently the PhD (URP). Likewise, the Diploma and Masters of Arts (Transportation Planning) was instituted to partner with the National Center for Transportation Studies (NCTS) in implementing the degree. In line with this, students were advised by the program advisers on what courses to take from a menu of subjects under the MA program upon completing the required core courses.*

*In 2008, the UP SURP underwent a curricular review process, which sought the reintroduction of fields of specialization in the curricular offerings of the School. This was to maintain the relevance of the planning curriculum with the mandate and thrust of the University, the School, and the profession, and the society as a whole, along with considerations for employment, for potential and personal growth of the students/graduates.*

*The curricular revisions were approved by the UP Diliman University Council during its 107th Meeting held on 30 March 2009. With approval of the revised curriculum, the School began its implementation in the 1st Semester of AY 2009-2010. The following fields of specialization were reintroduced: Estate Planning, Public Works Planning, Transportation Planning, and Environment and Natural Resources Planning and Management, the last being the newest field of specialization introduced by the school. This is to address the need for more specialized planners.*

*From 2012 onwards, UP SURP will continue to be creative and innovative in its offerings of urban and regional planning courses, especially in the directions of sustainability, climate change adaptation, disaster risk reduction, resettlement and redevelopment, transport impact assessment and planning, strategic environmental assessment, and public-private partnerships for the urban environment. This is to keep the relevance of the planning education to current realities.*

## **PROGRAMS OFFERED**

The UP School of Urban and Regional Planning offers the Diploma, Master of Arts (MA), and Doctor of Philosophy (PhD) in Urban and Regional Planning programs following a ladderized structure. Courses taken in a lower degree (e.g., Diploma) are credited in the next higher degree (e.g., MA)

### **Diploma in Urban and Regional Planning**

The DURP program requires the completion of 20 units of course work (listed below), which also constitute the core courses of the MA Program, along with 6 units of electives.

### **Master of Arts (Urban and Regional Planning)**

There are two options in taking the MA Urban and Regional Planning program. These are: Plan A (thesis option): Diploma-level courses (20 units) + 9 units of field of specialization courses + 6-unit thesis/Plan 300. Plan B (non-thesis option): Diploma-level courses (20 units) + 15 units of field of specialization courses + 6 units of cognate (minor) courses + comprehensive examination (written and oral).

### **Master of Science in Regional Development Planning**

The Master of Science in Regional Development Planning (MS RDP) is a joint offering of UP SURP and the Technical University of Dortmund

(TUDo) in Germany. The program is aimed at regional and district development planning, with emphasis on rural areas. The program is for two years, with the first year spent at the TUDo, and the succeeding year at the UP SURP. The medium of instruction is English.

For Filipinos, the deadline for applications to the Program is the last working day of September every year. International parties should send in their applications to UP SURP.

#### **Doctor of Philosophy (Urban and Regional Planning)**

The PhD program is designed to equip students with the knowledge and specialized skills appropriate for planning and planning-related positions in the academe, government, and private sector. The program requires completion of the courses in Urban and Regional Planning up to the MA level, plus units of advanced coursework, field of specialization (major) and cognate (minor) courses.

Designed to respond to the current practice of planning, including research and consultancy services performed by SURP graduates, the School's curriculum is organized around the following fields of specialization:

1. Estate Planning: focuses on site selection, laws, implementing rules and regulations, as well as approaches and techniques in project study preparation, cost-benefit analysis, and other topics relevant to the planning and development of the different types of estates such as, but not limited to: housing estates, industrial estates, agricultural estates, planned unit development (PUD), among others.
2. Public Works Planning: concentrates on theories, concepts and the planning process involved in developing systems for water supply and sewerage, drainage, irrigation, power supply, telecommunications, and public buildings, among others.
3. Transportation Planning: focuses on circulation and movement systems in the development of urban and regional areas; covering roads and bridges, ports, harbors, and airports.
4. Environment and Natural Resource Planning: focuses on environmental planning and management, covering both seascapes and landscapes.

#### **ADMISSION POLICIES/REQUIREMENTS**

##### **DIPLOMA PROGRAM**

The minimum requirement to enter the Diploma in Urban and Regional Planning program is an undergraduate degree. Priority is given to municipal, city, and provincial planning and development coordinators and other technical personnel of these local offices. Applicants must pass the entrance exam given by the School, which intends to measure the following:

1. Analytical skills (mainly logic and reasoning)
2. Writing skills

3. Applicants' knowledge of important issues and problems related to national development

##### **MASTERS PROGRAM**

The programs are open to applicants with a bachelor's degree. Preference is given to applicants with work experience in planning and planning related activities and whose first degree is planning, architecture economics, business administration, engineering, geography, law and public administration. Applicants must pass the entrance exam given by the school. Students wishing to proceed from the Diploma programs of the School to the MA programs should get a general weighted average (GWA) grade of at least 1.75.

##### **PHD (URBAN AND REGIONAL PLANNING)**

Admission to the PhD program is based on the following minimum requirements:

Applicants to the Program must at least have a Masters Degree in Planning or related fields, preferably with a general weighted average (GWA) grade of 1.50 but in no case lower than 1.75.

Applicants must pass the entrance exam given by the School. The PhD Admissions Committee reserves judgment on whether an interview or other additional requirements will be necessary.

Applicants whose mother tongue is not English and who graduated from schools where English is not the medium of instruction are required to take the Test of English as a Foreign Language (TOEFL) and send the results to the Admissions Committee of the UP SURP. University Score requirements for TOEFL is 500 for paper-based and 173 for computer-based examinations.

Based on the admission requirements, applicants with a Master's degree in Planning are granted formal acceptance to the program while those with non-planning founded masters degree are granted conditional acceptance. They shall be granted formal acceptance only after they pass the qualifying examination administered by the Admissions Committee of UP SURP.

##### **PRIVATE SCHOLARSHIP**

The UP SURP has several Private Scholarships that it offers to qualified grantees.

- 1) Vice President Jejomar C. Binay Scholarship
- 2) Dr. Byong Gyu Park Tuition Scholarship
- 3) Sinclair Knight Graduate Scholarship
- 4) DAAD (German Academic Exchange Service) for Spring Asia Programme
- 5) KAAD (Catholic Academic Support for Foreigners) for Spring Asia Programme
- 6) UP SURP and UP PLANADES MA Thesis Grant and PhD Dissertation Grant

<b>DIPLOMA IN URBAN AND REGIONAL PLANNING</b> 26 units			
APPROVAL 107th UPD UC : 30 March 2009   President ERoman : 15 April 2009			
<b>Core Courses</b> 20 units		<b>Elective Courses</b> 6 units	
Plan 201	3	Elective	6
Plan 299	3		
Plan 203	3		
Plan 214	3		
Plan 210	3		
Plan 210.1	5		

<b>MASTER OF SCIENCE IN REGIONAL AND DEVELOPMENT PLANNING</b> 29 units			
APPROVAL 107th UPD UC : 30 March 2009   President ERoman : 15 April 2009			
<b>Core Courses</b> 23 units		<b>Thesis</b> 6 units	
Plan 203		Plan 300	6
Plan 210			
Plan 214			
Plan 219			
Plan 229			
Plan 299			
Plan 210.1			

<b>MASTER OF ARTS (URBAN AND REGIONAL PLANNING)</b> Plan A: Thesis Option 35 units			
APPROVAL 107th UPD UC : 30 March 2009   President ERoman : 15 April 2009			
<b>Core Courses</b> 20 units		<b>Field of Specialization</b> 9 units	
Core Courses	20	Major	9
<b>Thesis</b> 6 units			
Plan 300	6		

<b>DOCTOR OF PHILOSOPHY (URBAN AND REGIONAL PLANNING)</b> with Master's Degree in Planning 36 units			
APPROVAL 107th UPD UC : 30 March 2009   President ERoman : 15 April 2009			
<b>PhD Core Courses</b> 6 units		<b>Field of Specialization</b> 15 units	
PhD Core Courses	6	Major	15
<b>Cognate</b> 3 units			
Minor	3	<b>Comprehensive Examination &amp; Dissertation</b> 12 units	
		Comprehensive Examination	12
		Plan 400	

<b>MASTER OF ARTS (URBAN AND REGIONAL PLANNING)</b> Plan B: Compre Exam Option 41 units			
APPROVAL 107th UPD UC : 30 March 2009   President ERoman : 15 April 2009			
<b>Core Courses</b> 20 units		<b>Field of Specialization</b> 15 units	
Core Courses	20	Major	15
<b>Cognate</b> 6 units			
Minor	6	<b>Comprehensive Examination</b>	
		Comprehensive Examination	

<b>DOCTOR OF PHILOSOPHY (URBAN AND REGIONAL PLANNING)</b> Non-Planning Master's Degree 62 units			
APPROVAL 107th UPD UC : 30 March 2009   President ERoman : 15 April 2009			
<b>Core Courses</b> 20 units		<b>PhD Core Courses</b> 6 units	
Core Courses	20	PhD Core Courses	6
<b>Field of Specialization</b> 15 units			
Major	15	<b>Cognate</b> 9 units	
		Minor	9
<b>Comprehensive Examination</b>			
Comprehensive Examination		<b>Dissertation</b> 12 units	
		Plan 400	12

## COURSE OFFERINGS

## GRADUATE

Planning (Plan)

- 201 Theory and Practice of Planning.** Theories and practices of planning and human settlement development; history of planning. 3 u.
- 202 Human Settlements Development.** Issues and problems related to the evolution and growth of human settlements. 3 u.
- 203 Land Use Planning.** Land use planning, resource use and development and infrastructure planning. 3 u.
- 205 Project Planning and Development.** Analytical tools for project planning, management and development. 3 u.
- 210 Planning Process.** Comprehensive planning process and implementation. 3 u.
- 210.1 Planning Workshop.** Practical workshop application of planning. 5 u.
- 214 Planning Analysis and Techniques.** Models, methods and other tools for spatial-based planning analysis. 3 u.
- 219 Special Problems in Urban Planning.** 3 u. May be taken twice provided the topics are different and shall be indicated for record purposes.
- 222 Resource Use and Development.** Effects of resource use and development on social, technical and economic problems. 3 u.
- 229 Special Problems in Regional Planning.** 3 u. May be taken twice provided the topics are different and shall be indicated for record purposes.
- 230 Estate Planning and Development.** Nature and principles of estate planning and development. 3 u.
- 230.1 Estate Planning and Development Workshop.** Practical exercises in estate planning and development. 3 u.
- 231 Site Planning.** Detailed site analysis and planning. 3 u.
- 232 Land Economics.** The economic, social and institutional factors affecting land values. 3 u.
- 233 Issues in Estate Planning and Development.** Issues in estate planning and development. Prereq: Plan 230. 3 u.
- 239 Special Problems in Estate Planning and Development.** 3 u. May be taken twice provided the topics are different and shall be indicated for record purposes.
- 240 Public Works Planning and Development.** Nature and principles of public works planning and development. 3 u.
- 240.1 Public Works Planning and Development Workshop.** Practical exercises in public works planning and development. 3 u.
- 241 Public Works Project Development.** Public works project identification, feasibility analysis and programming for capital investment. Prereq: Plan 240. 3 u.
- 242 Issues in Public Works Planning and Development.** Issues and problems related to the planning and management of public works projects. 3 u.
- 243 Public Works Project Management.** Public works project execution, monitoring and feedback. Prereq: Plan 230. 3 u.
- 249 Special Problems in Public Works Planning and Development.** 3 u. May be taken twice provided the topics are different and shall be indicated for record purposes.
- 250 Theory and Practice of Transportation Planning.** Transportation planning processes. Historical overview of transportation planning. Prereq: Plan 201. 3 u.
- 251 Transport Technologies.** Technological and performance characteristics of transportation modes; general components of transportation systems; comparative analysis of capacity, level of service, cost and efficiency; recent developments in transport technology. 3 u.
- 252 Transportation Modelling.** Theory of travel behavior; Estimation and forecasting of transportation interaction; Trip generation, mode choice, and trip distribution; Optimization of transportation network performance; Mathematical and computer-based transportation models; Traffic assignment techniques. Prereq: Plan 299. 5 h. (2 lec, 3 lab) 3 u.
- 253 Transportation Plan and Project Evaluation.** Project evaluation, Transport economics, Environmental impact assessment, Traffic impact assessment. 3 u.
- 254 Public Transportation Service and Operations Planning.** Optimizing public transport service and operations; Analysis and design of routes/networks; planning of terminal facilities. 3 u.
- 255 Survey Methods in Transportation.** Transportation and traffic surveys; Sampling techniques and designs; Survey organization and implementation; Cost and accuracy considerations in designing and planning transportation surveys. Prereq: Plan 299. 3 u.
- 256 Transportation Economics.** Application of economic analysis to planning and policy issues in transportation; Consumer behavior; transport cost and supply models; Market



- equilibrium; Regulation, taxation, subsidy, and other forms of government intervention; Welfare economics. 3 u.
- 257 Transportation Policies and Planning Practices.** Development of transport policies and strategies, TSM, TDM, sustainable transportation, Institutions. Prereq: COI. 3 u.
- 258 Transportation Planning Analysis and Techniques.** Transportation decision-making and risk analysis; Financial analysis; Economic evaluation; Decision-making under uncertainty. 3 u.
- 259 Special Problems in Transportation Planning.** A course designed to cater to special problems and/ or topics in transportation planning. 3 u. May be taken twice provided the topics are different and shall be indicated for record purposes.
- 279 Special Problems in Housing.** 3 u.
- 280 Environmental Planning and Policy Analysis.** Institutional mechanisms for environmental planning, analysis of environmental policy in relation to settlement growth. 3 u.
- 287 Supervised Practice in Urban or Regional Planning.** (Common to Plan A and B students with no experience in planning.) Internship in an appropriate agency for students with no experience in planning. 3 u.
- 288 Professional Practice.** Ethics in the practice of the planning profession. 3 u.
- 289 Special Problems in Environmental Planning.** 3 u. May be taken twice provided the topics are different and shall be indicated for record purposes.
- 290.1 Workshop on Comprehensive Planning.** Practical exercise on comprehensive planning for human settlements. 3 u.
- 296 Planning Law. Planning legislations and organizations.** 3 u.
- 297 Instruments for Plan Implementation.** Economic, fiscal, legal and other tools for plan implementation. 3 u.
- 298 Techniques for Planning Analysis.** Strategies and methods for analysis of urban and regional systems. 3 u.
- 299 Research Methods in Planning.** Major research methods and concepts applicable to planning. 3 u.
- 300 Master's Thesis.** (Only for Plan A students) 6 u.
- 391 Graduate Seminar in Urban and Regional Planning Policies.** 3 u.
- 399 Advanced Research Methods in Urban and Regional Planning.** 3 u.
- 400 Doctoral Dissertation.** 12 u.