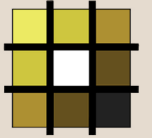




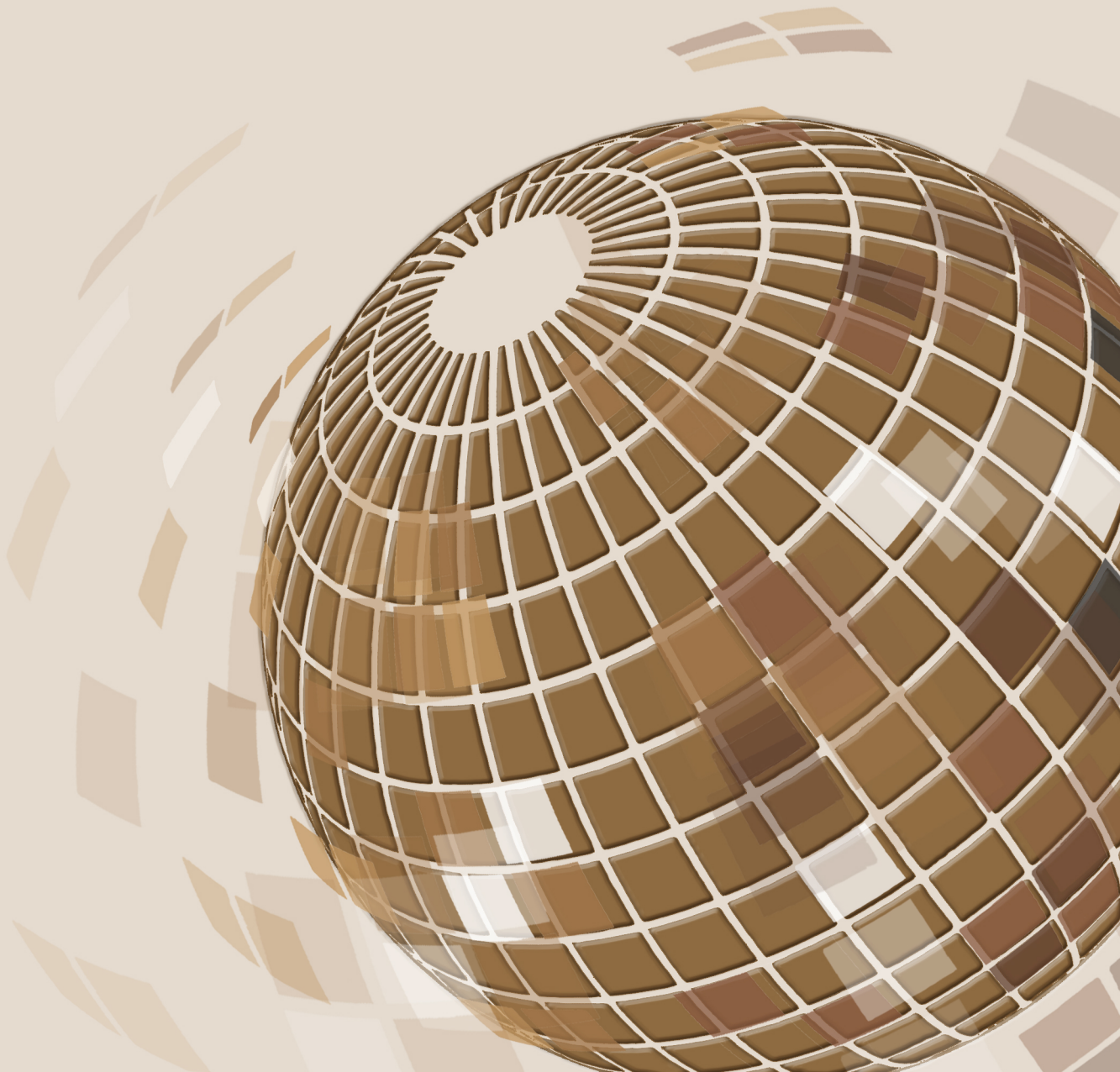
Department of  
**TOWN & COUNTRY PLANNING**  
University of Moratuwa



2021 | 2023

Master of Spatial Planning, Management & Design

# STUDENT HANDBOOK



## **DEPARTMENT OF TOWN & COUNTRY PLANNING**

### **UNIVERSITY OF MORATUWA, SRI LANKA**

The Department of Town & Country Planning was established in October, 1973 as a fully fledged Department of the Faculty of Engineering of the Katubedda Campus. With the establishment of the University of Moratuwa in 1978, the Department was placed within the Faculty of Architecture. Since then, it has been one of the four Departments in the Faculty of Architecture.

The Department of Town & Country Planning hails the privilege of being the only such Department in an academic institution in Sri Lanka that offers academic programs in Physical Planning, and conducts research with a direct focus in urban and regional planning. From the date of its commencement, the Department was conducting postgraduate courses in Town & Country Planning. The first course leading to Master of Science in Town & Country Planning commenced in July 1975. So far more than 200 persons graduated in Master of Science in Town & Country Planning. In addition to that the Department also offered Postgraduate Diploma in Urban Development since 1979 with the sponsorship of the Urban Development Authority of Sri Lanka, qualifying more than 150 persons. Two more courses leading to Master of Science Degree in Land use Planning & Resource Management and, Post Graduate Diploma in Housing Development were also offered once each.

In order to facilitate the industry demands, the Department has recently introduced two new Postgraduate Degree Programs titled **Master of Spatial Planning, Management & Design** and **Master of Environment Planning**, and discontinued other postgraduate programs it had been offering until then.

In 2003, having felt the present need of Sri Lanka to have more numbers of qualified Town Planners, the Department commenced an undergraduate degree program in the field of Town & Country Planning. Since then, this pioneering four-year Honors Degree Course in **Bachelor of Science in Town & Country Planning** has been enrolling 50 candidates each year, based on the performance of GCE (Advanced Level) examination.

So far, all degree programs and the other academic matters within the Department are conducted in English Medium. Motivating 'Integrated Spatial Planning', the Department adopted a multidisciplinary approach towards planning and therefore, all of its academic programs comprise of subject modules form a vast range of fields, while the members of the academic staff comprise of persons specialized in a variety of subject disciplines.

In order to encourage and facilitate research interests in both academic members and the students, and also to facilitate external researchers, the Department has established a Research Unit, where a number of research activities are being carried out. The Department also publishes a research journal providing opportunity to all those who are interested in publishing quality research in Planning and the related fields. *Bhumi*, the planning research journal of the University of Moratuwa is available to the readers in Sri Lanka Online Journal website.

## **MESSAGE FROM HEAD OF THE DEPARTMENT**



The Department of Town & Country Planning of the University of Moratuwa warmly welcomes you. We are pleased that you have chosen Spatial Planning for your post graduate studies and wish you would continue your career in this field. By enrolling in the Master of Spatial Planning, Management & Design Degree Programme, you have been privileged to become a member of the only institution in Sri Lanka that offers academic programmes in Town & Country Planning and to be a candidate of a well-designed and internationally acclaimed Degree Programme. You have also got an opportunity to be in a course, which has multi-disciplinary inputs and offer a great variety of subject modules.

Town Planners of the day have a few challenges in front of them. The first among them is the planning and designing of human settlements that provide conducive environments to live in, harmonious integration with the country's natural settings, capacity to thrive, space for long lasting cultural practices, strength to withstand both natural and manmade disasters, arena for greater economic and socio-political freedom, and links to integrate with global trends in science and technology. The second is to develop a strong membership to stand as one of the leading and most honored professions in Sri Lanka while maintaining good relationships it had already established with the other professions. All programmes in the Department of Town & Country Planning are geared to enrich and equip upcoming Town Planners to face these challenges. Therefore, we believe, by selecting a career in this area, you have pledged to contribute towards building a great nation that will have a vivid and pleasant environment to live in and sustain its resources with a great respect to the motherland. It is your duty to abide by that, and acquire knowledge and equip yourself with skills required for this task by making maximum use of the opportunities and resources made available to you throughout the course of study. The Department will provide you with the maximum support to the best of its capacity. I wish you a pleasant and cheerful time throughout your stay in the University.

PInr. A.L. Susantha  
Head/Department Town & Country Planning

## DEPARTMENT STAFF

The full-time multi-disciplinary academic staff members of the department conduct both undergraduate & post graduate courses. The specialist visiting staff members from other universities, research institutions and state organizations are invited time to time for the lectures of specialization.

## ACADEMIC STAFF OF THE DEPARTMENT

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**1. TITLE OF DEGREE**

- 1.1 **Title of Award:** Master of Spatial Planning, Management & Design
- 1.2 **Programme Mode :** Full-time

**2. PARTICIPATION IN THE ACADEMIC PROGRAMME**

- 2.1. As per clause 4.1.1(a) of the By-Law, 80% attendance in lectures and project work by the candidates is a requirement.
- 2.2. As per clause 4.1.1(b) of the By-Law, submission of all assignments by the candidates, is a requirement.
- 2.3. As per clause 4.1.1(c) of the By-Law, undertaking research in a specific area is by the candidate is compulsory.
- 2.4. The Masters degree program is expected to be completed in two calendar years, but permitted to complete in four calendar years without the need of an extension as per section 5 of the By-Law.
- 2.5. Candidates shall obtain prior approval, in writing from the University, completing necessary documentation, for leave of absence (as defined by the Senate). Only such leave will be considered for any official purpose, such as considering a subsequent attempt as the first attempt in any subject module, the full degree program or part thereof.
- 2.6. Only approved leave obtained on medical grounds will be considered by the Senate in extending the maximum duration of study.

**Exceptions**

- 2.7. The candidates are considered for exemptions to up to 30 credits of the course requirements for credits earned for similar course modules offered by another recognized university, as may be approved by the Senate.
- 2.8. Candidates who have covered sufficient content of the non-GPA modules, offered in this course, in other academic programs may be considered for exemptions, as may be approved by the Senate.

### **3. EVALUATION AND GRADING**

- 3.1. The performance of each candidate in each module will be evaluated by continuous assessment (CA), class room activities and end-of-semester examination (WE).
- 3.2. In modules that evaluate the performance of the candidate by both CA and WE, the CA component normally carries a weightage of not less than 30% and not more than 60% of the total marks.
- 3.3. The CA component attended by a candidate may be based on a specified combination of assignments including coursework, project work, design project work, laboratory work, tutorials, field trips, field camps, quizzes, presentations, term papers and participation in the course activities.
- 3.4. Each candidate shall obtain at least 40% from each of CA and WE components to obtain a pass grade a module.
- 3.5. Grade C+ or above is required to earn credit for and successfully complete a module.
- 3.6. A candidate, failing either CA or WE receive an incomplete grade 'I', and is required to repeat only the failed component/s as a repeat candidate to complete the module.
- 3.7. A candidate failing both CA and WE receives an F grade, shall repeat both components in order to upgrade the result.
- 3.8. The grades F or I may be improved up to a C+ grade and considered for computing the GPA. Candidates, who wish to upgrade shall complete the assessment and obtain the upgraded grade before the relevant final meeting of the Board of Examiners after the graduation requirements are met.
- 3.9. The grade achieved for each module shall be entered on the student's permanent record in the registry. The grade at the first attempt or the improved grade earned at a subsequent attempt, if any, shall be recorded.
- 3.10. Except when an Academic Concession has been granted, the highest grade obtainable at a repeat attempt is the grade "C+" and it shall be used for calculating Grade Point Average (GPA).
- 3.11. Grade N signifies an Academic Concession granted, in the event a candidate is unable to sit for the WE due to illness or other compelling reason accepted by the Senate. In such instances the candidate must make an appeal, with supporting documents, to the Director Postgraduate Studies for an Academic concession.

- 3.12. Letter grades based on the Grade point system and corresponding description, as illustrated in the Table 5.1 shall be used to express the performance at each module. Benchmark percentages are given for the guidance of the examiner and may be changed upwards or downwards by the moderator in consultation with the examiner.

**Table 3.1: Grading System**

Benchmark Percentage	Grade	Grade Point	Description
85 and above	A+	4.2	
75 to 84	A	4.0	Excellent
70 to 74	A-	3.7	
65 to 69	B+	3.3	
60 to 64	B	3.0	Good
55 to 59	B-	2.7	
50 to 54	C+	2.3	Pass
	I	0.0	Incomplete
	F	0.0	Fail
	N	---	Academic Concession

- 3.13. The Grade Point Average (GPA) is calculated based on the summation of Grade Points earned for all modules registered for credit (except those awarded with academic concession or withdrawn) weighted according to number of credits, as follows.

$$GPA = \frac{\sum n_i \times g_i}{\sum n_i}$$

Where  $n_i$  is the number of credits for the  $i^{th}$  module and  $g_i$  is the grade points earned for that module

- 3.14. The GPA is rounded to the nearest second decimal place and reported on the transcript.
- 3.15. The candidates should have obtained at least a Grade “C+ ” (Pass) for unit “Research Methods for Planners” (PU 5303), to be eligible to register for the unit “Master Thesis” (PU 5400).

#### **4. ACADEMIC CONCESSION**

- 4.1. A candidate who has missed a WE or any other course requirements because of illness or other compelling reason may appeal with supporting documents to the Director Postgraduate Studies through the Head of Department for an Academic Concession. In case of an



examination, the candidate shall submit an application with supporting documents within two weeks from the date of an examination. In instances where a candidate misses any other course activity such as CA, he or she shall submit the application with supporting documents before the last date of academic activities of the relevant semester or term.

- 4.2. An Academic Concession may be granted on medical reasons and other exceptional circumstances subject to the approval by the Senate of the University.

## **5. GRADUATION REQUIREMENTS**

- 5.1. A candidate is deemed to have passed the Master's Degree if the candidate has successfully completed at least 60 credits including:
- a. subjects specified under clause 4.2.1(a) of the Bylaw;
  - b. seminars specified under 4.2.1 (b) of the Bylaw;
  - c. assignments specified under 4.2.1 (c) of the Bylaw; and
  - d. the research investigation specified under 4.2.1(d) of the Bylaw.
- 5.2. If the candidate is unsuccessful in any of the parts of 6.1 he or she may be re-examined.
- 5.3. Classes will not be awarded.

**Degree in Master of Spatial Planning, Management and Design**  
**Department of Town & Country Planning**  
**University of Moratuwa, Sri Lanka**

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Over the last few years the Department of Town & Country Planning, which is the only academic institute that offers education programs in Urban and Regional Planning, had been having discussions with state sector and private sector planning agencies in the country on the need for a new postgraduate planning program that embraces issues around urban management and governance, applied urban design including regional and rural settings and addressing the spatial planning issues related to the development of the country. At the same time the Department has established strong relationships with the planning programs of several universities overseas, including LaTrobe University, Australia and CEPT University, India. This has involved staff and student exchanges, study tours, joint studio projects and joint research. It is now intended to take this to a higher level with a new degree offered parallel in the University of Moratuwa and LaTrobe University Australia.

The proposal for a new Masters has been developed into a new and unique course which is a two year (four academic semesters) postgraduate degree program that provides the candidates with specific skills and knowledge in Urban Planning, Urban Management, Infrastructure Planning and Urban Design. The course is parallelly offered by the LaTrobe University Australia. Hence, it will provide the candidates with the option of undertaking course modules both in Sri Lanka and half Australia. While it is expected that the majority of Sri Lankan candidates will complete the course in Sri Lanka, there are many incentives from LaTrobe University to look at the overseas delivery component.

The degree program is accredited by the Institute of Town Planners Sri Lanka and will be recognized for accreditation the Planning institute of Australia in near future.

The structure and content offered by both universities will be very similar with cross recognition of each university's program. In both settings it is anticipated that the majority of candidates will undertake the course in their own country but with the opportunity to undertake the second year in the other country. Candidates will receive recognition in their award that they have completed the course in this manner.

# **C U R R I C U L U M**

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for the award of the  
Master of Spatial Planning, Management & Design

### CURRICULUM & SCHEME OF EVALUATION

Code	Unit	Credits GPA	Evaluation	
			WE (%)	CA (%)
Core Modules (Compulsory)				
PU 5100	Environmental Region Studio	6		100
PU 5101	Cities, Regions and Economic Development	3	70	30
PU 5102	Transportation and Infrastructure	3	70	30
PU 5103	Planning for Risk and Uncertainty	3	70	30
PU 5200	Urban Planning & Design Studio	6		100
PU 5201	Planning Theory and Strategic Intervention	3	70	30
PU 5202	Urban Governance, Planning and Environment Law	3	70	30
PU 5203	Urban Design Management	3	70	30
PU 5300	Site Planning Studio	6		100
PU 5301	Project Management and Implementation	3	70	30
PU 5302	Public policy, Urban Finance and Ethics	3	70	30
PU 5303	Research Methods for Planners	3	70	30
PU 5400	Master Thesis	9		100
Electives (Minimum 06 Credits)				
PU 5110	Heritage and Culture in Planning	2	70	30
PU 5111	Environmental Economics	2	70	30
PU 5210	Environmental and Community Impact Assessment	2	70	30
PU 5211	International Planning Studies I	2		100
PU 5310	International Planning Studies II	2		100
PU 5311	Housing Studies	2	70	30
Total Credits		60		

### SYLLABUS AND LEARNING OUTCOMES

Subject Module	PU 5100:Environmental Region Studio		
Type	Core GPA		
Credit Rating	06		
Contact Hours	72		
Independent Study Hours	72		
<b>Aims of the Module</b>	<ol style="list-style-type: none"> <li>1. To develop a comprehensive understanding on the relevance of spatial planning at regional scale to promote environment conservation, social benefits and economic development;</li> <li>2. To illustrate the planning process at broader policy framing stage with a special concern on 'environmental and spatial systems' and statutory requirements;</li> <li>3. To promote innovative thinking towards planning issues at broader policy framing level.</li> </ol>		
<b>Learning Outcomes</b>	<ol style="list-style-type: none"> <li>1. Have a wider understanding on the role of spatial planning at regional scales to promote environment conservation, social benefits and economic development;</li> <li>2. Be able to engage in planning at broader policy framing stage with a special concern on 'environmental and spatial systems' and statutory requirements;</li> <li>3. Be able to exhibit innovative thinking towards planning issues at broader policy framing level.</li> </ol>		
<b>Outline Syllabus</b>	Planning as a process, Delineation of an environmental planning region; problem framing, analysis; visioning, strategy formulation, land-use planning, precedence studies.		
<b>Assessment</b>	<i>Modalities</i>	Written Examination	Assignment
	<i>Ratio</i>	-	100
	<b>Relationship between Learning Outcome &amp; Assessment Tasks</b>		
	<i>Learning Outcome</i>	Assessment	
		Assignment	Written Examination
	1	*	
	2	*	
	3	*	
<b>Readings</b>	To be recommended by the module coordinator.		

<b>Subject Module</b>	<b>PU 5101 : Cities, Regions and Economic Development</b>		
<b>Type</b>	Core GPA		
<b>Credit Rating</b>	03		
<b>Contact Hours</b>	36		
<b>Independent Study Hours</b>	36		
<b>Aims of the Module</b>	1. To give a broader understating of the formation of cities and regions in the context of economic development; 2. To widen the awareness of the socio-economic issues in cities and regions; 3. To provide knowledge on macro economic development aspects related to spatial planning.		
<b>Learning Outcomes</b>	1. Be able to exhibit a broader understating of the origin, growth and evolution of cities and regions responding to social, economic and political forces; 2. Be able to demonstrate wider knowledge on the socio-economic issues in cities and regions; 3. Have an applicable knowledge on macro economic development aspects related to spatial planning.		
<b>Outline Syllabus</b>	Theories and concepts of studying cities and regions; Urban development; Sociological analysis of socio-economic issues in cities and regions; Population trends; Economic development policies and strategies for settlements; Public and Private sector in economic development, Regional economic policy evaluation as a part and input to the Environmental Region Planning Project.		
<b>Assessment</b>	<i>Modalities</i>	Written Examination	Assignment
	<i>Ratio</i>	70	30
	<b>Relationship between Learning Outcome &amp; Assessment Tasks</b>		
	<i>Learning Outcome</i>	Assessment	
		Assignment	Written Examination
	1	*	
	2		*
	3		*
<b>Readings</b>	To be recommended by the module coordinator.		



<b>Subject Module</b>	<b>PU 5102: Transportation and Infrastructure</b>		
<b>Type</b>	Core GPA		
<b>Credit Rating</b>	03		
<b>Contact Hours</b>	36		
<b>Independent Study Hours</b>	36		
<b>Aims of the Module</b>	1. To introduce an interdisciplinary approach to understand the relationship between transport and other infrastructure policies and human settlement planning.		
<b>Learning Outcomes</b>	1. Have a broader understanding of the relationship between transport and other infrastructure policies and human settlement planning; 2. Be able to integrate transportation and other infrastructure policies and strategies into spatial development plans; 3. Be able to develop infrastructure development strategies within the framework of spatial planning.		
<b>Outline Syllabus</b>	Theoretical perspectives relevant to transport, access, and mobility. Interaction between the provision of transport, accessibility, mobility, infrastructure and the behaviors affect the form and function of urban areas, their economics, cultural systems, and the health.		
<b>Assessment</b>	<i>Modalities</i>	Written Examination	Assignment
	<i>Ratio</i>	70	30
	<b>Relationship between Learning Outcome &amp; Assessment Tasks</b>		
	<i>Learning Outcome</i>	<b>Assessment</b>	
		Assignment	Written Examination
	1		*
	2	*	
	3	*	
<b>Readings</b>	To be recommended by the module coordinator.		

<b>Subject Module</b>	<b>PU 5103 : Planning for Risk and Uncertainty</b>		
<b>Type</b>	Core GPA		
<b>Credit Rating</b>	03		
<b>Contact Hours</b>	36		
<b>Independent Study Hours</b>	36		
<b>Aims of the Module</b>	1. To develop a critical understanding on the implications of emerging global and national issues; 2. To provide a wider awareness on climate change, disaster and other risk situations and their implications on human settlements and their land uses.		
<b>Learning Outcomes</b>	1. Be able to demonstrate a critical understanding on the implications of emerging global and national issues; 2. Be able to develop responsive adaptation strategies for climate change, disaster and other risk situations in the planning of human settlements.		
<b>Outline Syllabus</b>	Climate change and its influence on urban and rural land uses, transportation, spatial form of settlements, water use, and agriculture systems. Risk and mitigation models; policy responses to climate change and other disasters; resilience cities.		
<b>Assessment</b>	<i>Modalities</i>	Written Examination	Assignment
	<i>Ratio</i>	70	30
	<b>Relationship between Learning Outcome &amp; Assessment Tasks</b>		
	<i>Learning Outcome</i>	Assessment	
		Assignment	Written Examination
	1	*	*
	2	*	*
<b>Readings</b>	To be recommended by the module coordinator.		

<b>Subject Module</b>	<b>PU 5200 : Urban Planning &amp; Design Studio</b>		
<b>Type</b>	Core GPA		
<b>Credit Rating</b>	06		
<b>Contact Hours</b>	72		
<b>Independent Study Hours</b>	72		
<b>Aims of the Module</b>	<ol style="list-style-type: none"> <li>1. To train candidates to handle spatial planning activities in an urban locality with a design orientation;</li> <li>2. To illustrate the planning process at local level, conforming to statutory obligations, and being sensitive to the local setting and contextual forces;</li> <li>3. To promote 'strategic project formulation' approach within a broader policy framework to solve planning problems at local level.</li> </ol>		
<b>Learning Outcomes</b>	<ol style="list-style-type: none"> <li>1. Be able to handle spatial planning activities in an urban locality with a design orientation;</li> <li>2. Be able to illustrate the planning process at local level, conforming to statutory obligations, and being sensitive to local settings and contextual forces;</li> <li>3. Be able to demonstrate 'strategic project formulation' approach within a broader policy framework to solve planning problems at local level.</li> </ol>		
<b>Outline Syllabus</b>	<p>Concept of an 'urban locality' and a 'local planning area'; precedence studies; The design of cities, the places within them, the relationship of the built form to space and place; the spatial, built form, technological and cultural challenges of our cities for long term sustainability;</p> <p>Urban Morphology and Urban Ecology; Theories and Principals of Spatial Design; Urban Conservation methods and concepts; Design Management Principles.</p>		
<b>Assessment</b>	<i>Modalities</i>	Written Examination	Assignment
	<i>Ratio</i>		100
	<b>Relationship between Learning Outcome &amp; Assessment Tasks</b>		
	<i>Learning Outcome</i>	Assessment	
		Assignment	Written Examination
	1	*	
	2	*	
	3	*	
<b>Readings</b>	To be recommended by the module coordinator.		

Subject Module	PU 5201: Planning Theory and Strategic Intervention		
Type	Core GPA		
Credit Rating	03		
Contact Hours	36		
Independent Study Hours	36		
Aims of the Module	<ol style="list-style-type: none"> <li>1. To develop an understanding on theories and concepts related to the origin, growth and the form of human settlements and their planning;</li> <li>2. To introduce the complex socio-cultural and political forces integrated with decision making processes;</li> <li>3. To provide an understanding of the principles of strategic planning.</li> </ol>		
Learning Outcomes	<ol style="list-style-type: none"> <li>1. Have a broader understanding on theories and concepts related to the origin, growth and the form of human settlements and their planning;</li> <li>2. Be able to exhibit knowledge on the complex socio-cultural and political forces integrated with decision making processes;</li> <li>3. Be able to exemplify the principles of strategic planning.</li> </ol>		
Outline Syllabus	The concept of strategic planning; Historic normative & contemporary social, economic and geographic theories and concepts of human settlement forms and their planning; Theoretical interpretations of the problems and issues in human settlements; Planning processes and related theories.		
Assessment	Modalities	Written Examination	Assignment
	Ratio	70	30
	Relationship between Learning Outcome & Assessment Tasks		
	Learning Outcome	Assessment	
		Assignment	Written Examination
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	2	*	
	3		*
Readings	To be recommended by the module coordinator.		

<b>Subject Module</b>	PU 5202: Urban Governance, Planning & Environmental Law		
<b>Type</b>	Core GPA		
<b>Credit Rating</b>	03		
<b>Contact Hours</b>	36		
<b>Independent Study Hours</b>	36		
<b>Aims of the Module</b>	<ol style="list-style-type: none"> <li>1. To give a wider understanding on planning, development, property and environmental related statutes and their implications on spatial planning;</li> <li>2. To train candidates to comprehend planning exercises within the applicable planning and environment related statutes;</li> <li>3. To give candidate broad understanding of governance practices and their implications on planning</li> </ol>		
<b>Learning Outcomes</b>	<ol style="list-style-type: none"> <li>1. Have a wider understanding on planning, development, property and environmental related statutes and their implications on spatial planning;</li> <li>2. Be able to show a comprehensive knowledge in planning and environment related statutes;</li> <li>3. Have a broad understanding on governance practices and their implications on planning.</li> </ol>		
<b>Outline Syllabus</b>	Planning as a process and the limitations of land use and development controls; the principles of judicial review of administrative action; scheme amendment; permit applications and applications for review; enforcement; and compensation for land acquisition and the impact of planning decisions. Principles of good urban governance and planning, governance index, and planning local and state government systems.		
<b>Assessment</b>	<i>Modalities</i>	Written Examination	Assignment
	<i>Ratio</i>	70	30
	<b>Relationship between Learning Outcome &amp; Assessment Tasks</b>		
	<i>Learning Outcome</i>	Assessment	
		Assignment	Written Examination
	1		*
	2	*	
	3		*
<b>Readings</b>	To be recommended by the module coordinator.		

Subject Module	PU 5203: Urban Design Management		
Type	Core GPA		
Credit Rating	03		
Contact Hours	36		
Independent Study Hours	36		
Aims of the Module	<ol style="list-style-type: none"><li>1. To give a critical understanding of the decision processes in designing urban development projects;</li><li>2. To develop the skills required for observation and analysis of a spatial extent and response generation for a design purpose;</li><li>3. To train to apply principles of successful management in a design project.</li></ol>		
Learning Outcomes	<ol style="list-style-type: none"><li>1. Be able to exhibit adequate knowledge in design decision processes involved in different organizations;</li><li>2. Be able to develop design processes and innovative responses to problem situations in urban design development;</li><li>3. Be able to apply effective cost, time and quality management strategies in the planning and implementation of design projects.</li></ol>		
Outline Syllabus	Concept of design management, Effective Management processes and principles, Institutional settings, statutory framework and policies, Decision making processes and procedures, Methods of information sourcing and observation, Methods and techniques of analysis and synthesis, Urban Design Case Studies.		
Assessment	Modalities	Written Examination	Assignment
	Ratio	70	30
	Relationship between Learning Outcome & Assessment Tasks		
	Learning Outcome	Assessment	
		Assignment	Written Examination
	1		*
	2	*	
	3	*	
Readings	To be recommended by the module coordinator.		



<b>Subject Module</b>	<b>PU 5300 : Site Planning Studio</b>		
<b>Type</b>	Core GPA		
<b>Credit Rating</b>	06		
<b>Contact Hours</b>	72		
<b>Independent Study Hours</b>	72		
<b>Aims of the Module</b>	<ol style="list-style-type: none"> <li>1. To provide an overview of the site planning and the project approval process;</li> <li>2. To train candidates to use effective planning and design tools in site planning;</li> <li>3. To expose candidates to the issues encountered in site selection, assessment, planning and obtaining statutory approval of the site plan.</li> </ol>		
<b>Learning Outcomes</b>	<ol style="list-style-type: none"> <li>1. Be able to demonstrate the processes in site planning and the project formulation and implementation;</li> <li>2. Be able to demonstrate skills to use effective planning and design tools in site planning;</li> <li>3. Be able to effectively handle issues encountered in site selection, assessment, planning and obtaining statutory approval of the site plan.</li> </ol>		
<b>Outline Syllabus</b>	Principles of site analysis, design, approval phase of plan administration; inventory of physical, biological and cultural attribute of site, transform of site assessment results into a plan for site form, use and infrastructure, subdivision of permitting process; preparation of project schedule with a land development project.		
<b>Assessment</b>	<i>Modalities</i>	Written Examination	Assignment
	<i>Ratio</i>		100
	<b>Relationship between Learning Outcome &amp; Assessment Tasks</b>		
	<i>Learning Outcome</i>	<b>Assessment</b>	
		Assignment	Written Examination
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	2	*	
	3	*	
<b>Readings</b>	To be recommended by the module coordinator.		

<b>Subject Module</b>	<b>PU 5301 : Project Management and Implementation</b>		
<b>Type</b>	Core GPA		
<b>Credit Rating</b>	03		
<b>Contact Hours</b>	36		
<b>Independent Study Hours</b>	36		
<b>Aims of the Module</b>	1. To improve knowledge in plan preparation, implementation & project formulation methods; 2. To discuss issues, problems and prospects related to planning implementation processes, enforcement of policies, guidelines, rules and regulations; 3. To introduce modern resource management concepts and theories.		
<b>Learning Outcomes</b>	1. Be able to show a wider knowledge in plan preparation, implementation & project formulation methods; 2. Be able to discuss issues, problems and prospects related to planning implementation processes, enforcement of policies, guidelines, rules and regulations; 3. Be able to apply modern resource management concepts and theories in planning exercises.		
<b>Outline Syllabus</b>	Plan evaluation; Planning Laws and their provisions to prepare and implementation of plans; Legalities of enforcement, Project cycles; Cost-Benefit analysis of action projects; Planning team building; Office infrastructure; human and other resource management; Recruitment procedures; Contracts; supervision and management of consultants and contactors; design and management briefs; Business laws.		
<b>Assessment</b>	<i>Modalities</i>	Written Examination	Assignment
	<i>Ratio</i>	70	30
	<b>Relationship between Learning Outcome &amp; Assessment Tasks</b>		
	<i>Learning Outcome</i>	<b>Assessment</b>	
		Assignment	Written Examination
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	2	*	
	3		*
<b>Readings</b>	To be recommended by the module coordinator.		

<b>Subject Module</b>	<b>PU 5302 : Public Policy , Urban Finance and Ethics</b>		
<b>Type</b>	Core GPA		
<b>Credit Rating</b>	03		
<b>Contact Hours</b>	36		
<b>Independent Study Hours</b>	36		
<b>Aims of the Module</b>	1. To widen the awareness on public policies related to planning; 2. To introduce urban finance practices; professional ethics and revenue generation.		
<b>Learning Outcomes</b>	1. Have a wider awareness on public policies related to planning; 2. Have a thorough understanding of the urban finance practices; professional ethics and revenue generation.		
<b>Outline Syllabus</b>	Public policies and planning, Different planning and institutional models in other parts of the world; planning related policy framework and the structure of their formulating institutions; public finance; local budgeting process; fiscal impacts analysis to effective planning; cost benefit analysis; mechanics of revenue sources; tax incentives; debt financing techniques; connection between land use and taxation; ethics of professional planners.		
<b>Assessment</b>	<i>Modalities</i>	Written Examination	Assignment
	<i>Ratio</i>	70	30
	<b>Relationship between Learning Outcome &amp; Assessment Tasks</b>		
	<i>Learning Outcome</i>	Assessment	
		Assignment	Written Examination
	1		*
	2	*	*
<b>Readings</b>	To be recommended by the module coordinator.		

<b>Subject Module</b>	<b>PU 5303: Research Methods for Planners</b>		
<b>Type</b>	Core GPA		
<b>Credit Rating</b>	03		
<b>Contact Hours</b>	36		
<b>Independent Study Hours</b>	36		
<b>Aims of the Module</b>	1. To expose candidates into a wide range of research approaches, methods and techniques available for planning purposes; 2. To improve knowledge and application skills in research methods, tools and techniques.		
<b>Learning Outcomes</b>	1. Be able to show an understanding of a wide range of research approaches, methods and techniques available for planning purposes; 2. Be able to exhibit skills in the formulation of effective research questions, critical review of literature, application of research methods, tools and techniques; 3. Be able to develop comprehensive research proposals.		
<b>Outline Syllabus</b>	Introduction to Research; Formulation of a Research question; Different methods (qualitative and quantitative, positivist and phenomenological, speculative and empirical, survey and case study, etc.); Writing a research proposal; Analysis of data and use of computer aided techniques.		
<b>Assessment</b>	<i>Modalities</i>	Written Examination	Assignment
	<i>Ratio</i>	70	30
	<b>Relationship between Learning Outcome &amp; Assessment Tasks</b>		
	<i>Learning Outcome</i>	<b>Assessment</b>	
		Assignment	Written Examination
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	2	*	
	3	*	
<b>Readings</b>	To be recommended by the module coordinator.		

<b>Subject Module</b>	<b>PU 5400: Master Thesis</b>		
<b>Type</b>	Core GPA		
<b>Credit Rating</b>	09		
<b>Contact Hours</b>	12		
<b>Independent Study Hours</b>	108		
<b>Aims of the Module</b>	1. To train candidates to define a problem situation and formulate a focused research question, and carry out a scientific investigation using selected research method, tools and techniques.		
<b>Learning Outcomes</b>	1. Be able to define a problem situation and formulate a focused research question, and carry out a scientific investigation using selected research method, tools and techniques.		
<b>Outline Syllabus</b>	Develop a research thesis under the supervision of a senior academic.		
<b>Assessment</b>	<i>Modalities</i>	Written Examination	Assignment
	<i>Ratio</i>		100
	<b>Relationship between Learning Outcome &amp; Assessment Tasks</b>		
	<i>Learning Outcome</i>	Assessment	
		Assignment	Written Examination
	1	*	
<b>Readings</b>	To be recommended by the module coordinator.		

<b>Subject Module</b>	<b>PU 5110 : Heritage and Culture in Planning</b>		
<b>Type</b>	Elective		
<b>Credit Rating</b>	02		
<b>Contact Hours</b>	24		
<b>Independent Study Hours</b>	24		
<b>Aims of the Module</b>	1. To give an understanding of theory and practice of the assessment of cultural heritage significance; and protection and conservation of places of cultural heritage significance.		
<b>Learning Outcomes</b>	1. Be able to demonstrate a good understanding on the theory and practice of the assessment of cultural heritage significance; and protection and conservation of places of cultural heritage significance.		
<b>Outline Syllabus</b>	Assessment of heritage significance, formulation and local policies, guidelines and planning controls for places of cultural heritage significance. Sources and methodologies for researching significance; criteria used for assessing significance; preparing listing proposals for buildings, structures and precincts; and preparation and administration of appropriate local policies and overlay controls in planning schemes.		
<b>Assessment</b>	<i>Modalities</i>	Written Examination	Assignment
	<i>Ratio</i>	70	30
	<b>Relationship between Learning Outcome &amp; Assessment Tasks</b>		
	<i>Learning Outcome</i>	Assessment	
		Assignment	Written Examination
	1	*	*
<b>Readings</b>	To be recommended by the module coordinator.		



Subject Module	PU 5111: Environmental Economics		
Type	Elective		
Credit Rating	02		
Contact Hours	24		
Independent Study Hours	24		
Aims of the Module	1. To give an understanding of emerging concepts and alternative practices in environment assessment relating to economics of choice and opportunity costs.		
Learning Outcomes	1. Be able to demonstrate an understanding of economic means conceptualizing environmental resources; 2. Be able to show adequate knowledge on alternative environmental assessment methods relating to trades off and opportunity costs.		
Outline Syllabus	Economics of environment resources, opportunity costs, trading options, trade off methods, development of alternatives to conventional measures and standard assessment units.		
Assessment	Modalities	Written Examination	Assignment
	Ratio	70	30
	Relationship between Learning Outcome & Assessment Tasks		
	Learning Outcome	Assessment	
		Assignment	Written Examination
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	2	*	
Readings	To be recommended by the module coordinator.		

<b>Subject Module</b>	<b>PU 5210: Environmental and Community Impact Assessment</b>		
<b>Type</b>	Elective		
<b>Credit Rating</b>	02		
<b>Contact Hours</b>	24		
<b>Independent Study Hours</b>	24		
<b>Aims of the Module</b>	<ol style="list-style-type: none"> <li>1. To understand the purpose, strengths, and technical and social political limitations of ESIA process</li> <li>2. To know the administration, procedures, scoping process and how it is applied and the format of an EIA Report (Environmental Impact Statement, or Environmental Statement.</li> <li>3. Know the options for estimating environmental and social impacts, appreciate the factors that assist, and detract, from the usefulness of the EIA Report, and mitigating negative ESIA</li> </ol>		
<b>Learning Outcomes</b>	<ol style="list-style-type: none"> <li>1. Be able to recognise the purpose and role of ESIA in the decision-making process and understand the technical and social/political limitations of ESIA</li> <li>2. Have knowledge on the legislation context, administration and procedures, methods, screening process, the format of an ESIA Report (Environmental Impact Statement, or Environmental Statement.</li> <li>3. Be able to use options for estimating environmental and social impacts, appreciate the factors that assist, and detract, from the usefulness of the ESIA Report, and mitigating negative ESIA.</li> </ol>		
<b>Outline Syllabus</b>	Definitions of social, community and environmental impacts; Identification of Process and tools/ methods of social-economic and environmental impact assessments; application of process /stages of ESIA; evaluation of ESIA; legislative context and ESIA ; mitigating negative ESIA		
<b>Assessment</b>	<i>Modalities</i>	Written Examination	Assignment
	<i>Ratio</i>	70	30
	<b>Relationship between Learning Outcome &amp; Assessment Tasks</b>		
	<i>Learning Outcome</i>	<b>Assessment</b>	
		Assignment	Written Examination
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	2		*
	3	*	

Subject Module	PU 5211: International Planning Studies I		
Type	Elective		
Credit Rating	02		
Contact Hours	24		
Independent Study Hours	24		
Aims of the Module	1. To expose into current trends and evolve a discussion on international events in planning.		
Learning Outcomes	1. Show an understanding on different planning systems of the world; 2. Develop a discussion on emerging global and regional trends in planning.		
Outline Syllabus	A seminar series on planning cases from international context; Discussions on issues, specificities and appropriateness of planning interventions, and lessons drawn.		
Assessment	Modalities	Written Examination	Assignment
	Ratio		100
	Relationship between Learning Outcome & Assessment Tasks		
	Learning Outcome	Assessment	
		Assignment	Written Examination
	1	*	
	2	*	
Readings	To be recommended by the module coordinator.		

Subject Module	PU 5310: International Planning Studies II		
Type	Elective		
Credit Rating	02		
Contact Hours	24		
Independent Study Hours	24		
Aims of the Module	1. To provide a broader understanding on global and regional trends and affairs in planning and evolve a discussion.		
Learning Outcomes	1. Show a broad understanding on international trends in planning and awareness on planning processes in neighboring countries.		
Outline Syllabus	Interactive sessions on Planning related issues with a few Planning agencies from Asia and other parts of the world, including India, Singapore, Pakistan, and Malaysia.		
Assessment	Modalities	Written Examination	Assignment
	Ratio		100
	Relationship between Learning Outcome & Assessment Tasks		
	Learning Outcome	Assessment	
		Assignment	Written Examination
	1	*	
Readings	To be recommended by the module coordinator.		

<b>Subject Module</b>	<b>PU 5311 : Housing Studies</b>		
<b>Type</b>	Elective		
<b>Credit Rating</b>	02		
<b>Contact Hours</b>	24		
<b>Independent Study Hours</b>	24		
<b>Aims of the Module</b>	1. To provide a broader understanding on traditional and modern approaches to housing delivery.		
<b>Learning Outcomes</b>	1. Be able to exhibit a broad understanding on housing delivery process, agents and institutional framework; 2. Have knowledge on international trends in Housing and awareness on social, economic and political processes involved in Housing.		
<b>Outline Syllabus</b>	Housing as a product and a process, housing as a delivery process, agents involved in the process, housing practices, case studies.		
<b>Assessment</b>	<i>Modalities</i>	Written Examination	Assignment
	<i>Ratio</i>	70	30
	<b>Relationship between Learning Outcome &amp; Assessment Tasks</b>		
	<i>Learning Outcome</i>	<b>Assessment</b>	
		Assignment	Written Examination
	1	*	*
	2	*	*
<b>Readings</b>	To be recommended by the module coordinator.		