

STUDENT HANDBOOK

**Bachelor of Science Honours in
Town & Country Planning**

**DEPARTMENT OF TOWN & COUNTRY PLANNING
Faculty of Architecture
University of Moratuwa
Sri Lanka**

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SECTION I

INTRODUCTION

**Department of Town & Country
Planning**

A MESSAGE FROM HEAD OF THE DEPARTMENT



Welcome to the Department of Town and Country Planning of the University of Moratuwa!

The Department of Town and Country Planning (TCP) vision is engrained in the pursuit of professional competency in spatial planning amidst distinct settings. It is the only planning department in Sri Lanka to offer programs at the Bachelor's, Master's, and PhD levels in collaboration with allied disciplines and professions. I am pleased that you have chosen the Town and Country Planning programme and wish you will pursue your future careers in this field.

The course curriculum has multi-disciplinary inputs and offers a great variety of subject modules. It meets high standards at local and international levels while addressing the vital need of graduates to be open-minded, creative, and innovative within a broader development of knowledge and values. By enrolling in the Bachelor of Science Honours in Town & Country Planning programme, you have been privileged to be a member of the Institute of Town Planners Sri Lanka.

Town Planners of the day have many challenges in front of them that are enduring inevitable changes over time. The most pertinent challenge is 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 and diseases, an arena for greater economic and socio-political freedom, and links to integrate with global trends in science and technology. The Department of Town and Country Planning is geared with experience, expertise, infrastructure and state-of-the-art technology to enrich and equip you, the future Town Planners, to face these challenges with confidence.

By selecting a career in Town and Country Planning, we are pledged to take an interdisciplinary approach towards building a great nation that will have vivid and pleasant communities to live in and to sustain resources with a great respect to our motherland. It is your duty to acquire knowledge and equip with skills required for this timely task by making maximum use of the opportunities and resources made available to you throughout the course of study.

We are here to support you to the best of our capacity on your journey in this university, and I wish you a rewarding experience ahead.

PInr. A. L. Susantha

Head/ Department Town and Country Planning

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 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 in University of Moratuwa, Sri Lanka.

From the date of its commencement until 2003, the Department was conducting Post Graduate level studies in Town & Country Planning. The first course leading to Master of Science in Town & Country Planning was commenced in July 1975. So far, more than 250 persons have obtained the qualification in Master of Science in Town & Country Planning. In addition, the Department also offered Post Graduate Diploma in Urban Development since 1979, in collaboration with 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 2012, the Department introduced a Master of Science Degree course in Spatial Planning, Management and Design in collaboration with La Trobe University Australia.

However, having felt the present need of Sri Lanka to have more numbers of fully-fledged planners, the Department had extended its scope to conduct Undergraduate level Degree program in the field of Town and Country Planning. As a result, the pioneering four years Degree course in Bachelor of Science Honours in Town & Country Planning was commenced in 2003. Based on the performance of GCE (Advanced Level) results, this degree course enrolls 50 candidates for each intake.

All the courses and other academic matters within the Department are conducted in English medium. Motivating 'Integrated Spatial Planning', the Department always encourages the multidisciplinary approach in Planning and therefore, all of its courses comprise of subject modules from a wide range of fields, whilst the members of the academic staff come from different disciplinary background. In order to encourage and facilitate research interests among both academic members and the students, and also to provide opportunities for external researchers, the Department has established a Research Unit, where a number of research activities are being carried out.

ACADEMIC STAFF OF THE DEPARTMENT

The full-time multi-disciplinary academic staff members of the department conduct both undergraduate and 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.

DEPARTMENT STAFF

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Instructor



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RESOURCES

In order to facilitate its teaching, learning and research activities, the Department is accomplished with the state-of-the art teaching technology and learning infrastructure.

The Spatial Information and Remote Sensing Laboratories of the Department is equipped with the latest updates of spatial information technology. Students have access to networked computers with Satellite Communication facilities at the laboratory. Considering the current global trends of converging towards Open Source Geographical Information Systems (GIS), an Open Source Geospatial Laboratory has been established in the Department. This is the 56th OSGeo Laboratory in the world, recognized by the Open Source Geospatial Foundation.

The OSGeo Laboratory focuses upon the applications of Open Source software in Urban Planning, research on developing software and hardware applications in urban analysis, and promoting open source GIS among Urban Planners. The students at both Undergraduate and Post Graduate levels are provided with training in this technology in order to develop their knowledge skills in handling spatial information systems and in related areas that is essential for modern planning activities.



OSGeo Laboratory

Many of the subject modules in the course programs are highly 'Design' oriented, in order to sharpen sensitivity and the creativity of the students, and to promote innovation. The Design orientation is facilitated within the Studio space of the Department, where the students undertake hands-on exercises and actively participate in studio events as well as field work that deal with the ground reality. In studio events the students go beyond conventional class room setting and engage in interactive sessions that enables self-learning and learning-by-doing.



Design studios

The Town & Country Planning Research Unit facilitates the Research and Development within the Department. The Department is equipped with capacity to undertake both research and development consultancies for outside agencies in the areas relevant to Spatial Planning, Information Systems, Socio-economic development, Capacity Building, Computer Program development, etc. All undertakings are subject to University policies and guidelines.

CONTACT DETAILS

The address of the Department is as follows:

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Fax No. : 011 – 2650921 (attention Dept. of Town & Country Planning)

The Department presently occupies a building that consists four studios (Level III and IV), one common hall (Level V), a fully facilitated auditorium (Ground floor), one mini auditorium (Ground floor), staff rooms (Level II), and two SIS/RS Laboratories (Level I of the TCP building and at Level I of Architecture extension building).

SECTION II

PERFORMANCE CRITERIA

**for the Award of Degree of Bachelor of Science Honours in
Town & Country Planning**

PERFORMANCE CRITERIA

A student admitted to the course leading to the Degree of Bachelor of Science Honours in Town & Country Planning will be eligible to receive the Degree of Bachelor of Science Honours in Town & Country Planning provided that the student has successfully fulfilled the following conditions as determined by the Senate of the University of Moratuwa:

1.0. Admission

1.1. The admission requirements to the Degree of Bachelor of Science Honours in Town & Country Planning shall be determined by the University Grants Commission (UGC) in accordance with the government policy.

2.0. Program

2.1. The academic calendar of the course consists of eight academic semesters, each 15 weeks in duration.

3.0. Registration

3.1. At the commencement of each semester, students shall complete the prescribed Registration Process and pay the prescribed fees and other dues as determined by the University Senate.

3.2. Each student shall be responsible for the selection of course modules as required by the course structure approved by the University Senate, subject to availability of the modules.

3.3. A student who wishes to de-register from a module shall do so in writing within two (02) weeks of the commencement of the semester. De-registering a module after this deadline shall not be allowed and shall be regarded as a missed attempt, even if the student does not appear for any assessment and/or examination in that module.

3.4. A student who wishes to take an additional module or a replacement for a de-registered module may do so within two (02) weeks of the commencement of the semester with the approval of the Academic Advisor.

4.0. Course Structure

4.1. The program of study leading to the award of the Degree of Bachelor of Science Honours in Town & Country Planning consist of four levels which includes:

- i. Compulsory modules extending over the four levels that are organized under the developmental stages such as Conceptualization, Synthesis, Analysis and Product.
- ii. Third and fourth levels of the Degree program offer Elective modules under various areas.
- iii. In the fourth level the students are expected to demonstrate a specific field of inquiry in the Individually Supervised Research Project (ISRP). Under the ISRP, the students will be given with an option to carry out a research project or to develop a Comprehensive Development Project Proposal.

4.2. Some of the modules may need pre-requisites as specified in the respective modules.

4.3. Credits

Each module is assigned a credit value representing the student's workload. For a lecture module extending over one semester, one credit shall be assigned for each lecture hour of fifteen weeks. For a Studio Work, Field Work and Lab Work extending over one semester, one credit shall be assigned for three hours of studio, field, and lab work per week respectively. For Industrial Training extending over one semester, one credit shall be assigned for nine hours of training per week.

4.4. Leave of Absence

A student may be allowed to submit an application for leave of absence from the course of study for a maximum duration of twelve calendar months, for a determination by the University Senate on the recommendation of the Faculty Board.

5.0. Evaluation of Performance

The performance of students in each module shall be separately assessed by continuous assessments and/or end-of-semester examinations.

5.1. Academic Rating

Letter grades based on the Grade Point System (GPS) and the corresponding percentage marks as illustrated below will be used to express the performance in each module.

Guideline Grade Boundaries (%)	Grade	Grade Point	Interpretation
85 and above	A+	4.20	Outstanding
75 – 84	A	4.00	Excellent
70 – 74	A-	3.70	Highly recommended
65 – 69	B+	3.30	Very good
60 – 64	B	3.00	Good
55 – 59	B-	2.70	Average
50 – 54	C+	2.30	Satisfactory pass ^(a)
45 – 49	C	2.00	Pass and possess basic understanding of the Module
40 – 44	C-	1.50	Weak pass ^(c)
35 – 39	D	1.00	Conditional pass ^(b)
34 and below	I	0.00	Incomplete ^(d)
34 and below	F	0.00	Fail ^(e)
	N	–	Academic concession ^(f)
	P	-	Pass in Non-GPA Module

Notes:

a) Grade (C+) or above, is required to earn a credit for the Group Project Work and Individually Supervised Research Project (ISRP).

b) Grade (D) or above, is required to earn a credit for all the other modules (except the modules listed in (a) above).

c) A student who has obtained a Grade below (D) for any module may repeat the module and improve the grade to a maximum of Grade (C) to be considered for the Semester Grade Point Average. In the case of Group Project Work and Individually Supervised Research Project (ISRP) identified under (a) above, a student who has obtained a Grade below (C+) shall repeat the module and improve the grade to a maximum of Grade (C+) to be considered for the Semester Grade Point Average.

d) A student receiving less than 35% in either the continuous assessment or written examination (for modules assessed through continuous assessment and end-of semester examination) shall receive an incomplete (I) grade. The student shall repeat only the failed component as a repeat candidate to complete the module. The maximum grade obtainable by such a repeat candidate is (C).

e) A student receiving less than 35% in both the continuous assessment and the end-of-semester examination (for modules assessed through continuous assessment and end-of-semester examination) shall receive a Fail Grade (F). The student shall repeat both the continuous assessment as well as the end-of-semester examination until a pass grade is obtained. The maximum Grade obtainable by such a repeat candidate is (C).

f) Grade N signifies Academic Concession granted with the approval of the Senate, on the recommendation of the Faculty Board, in the event a student is unable to sit for the end-of-semester examination due to illness or other compelling reasons. In such instances, the student must appeal for an Academic Concession as specified in Section 5.6. The continuous assessment component of the student's work may be carried forward to the next examination as the first attempt. The grade will not be counted for the calculation of the Semester GPA.

g) The Senate shall appoint subject Moderators as recommended by the Faculty to moderate the grades.

5.2. The Board of Examiners

A Board of Examiners appointed by the Senate on the recommendation of the Faculty Board comprising of Examiners and Moderators of all modules will meet at the end of each semester to decide on the performance and academic rating of each student registered for that semester.

5.3. Semester Grade Point Average (SGPA)

The calculation of the Semester Grade Point Average (SGPA) shall be based on the summation of Grade Points earned for all modules registered for credit [except those awarded with Academic Concession] in a semester weighted according to number of credits as given in the formula below:

$$SGPA = \frac{\sum n_i \times g_i}{n}$$

Where n_i is the number of credits for the i^{th} module in a given semester and g_i is the Grade Point earned for that module; n is the total number of credits for that semester.

5.4. Unsatisfactory Standing & Academic Probation

If the student's Grade Point Average falls between 1.50 and 2.00 the student will be placed Academic Warning. Any student with a SGPA less than 1.50 will be placed on Academic Probation. Academic probation and/or Academic Warning may be withdrawn when the relevant SGPA is upgraded to 2.00 or more. A student on academic Warning or academic Probation will not be allowed to carry any additional academic load. A student who falls into one of the following categories due to failure to upgrade the SGPA will be temporarily discontinued from the course:

- i. SGPA < 1.50 in any two semesters;
- ii. SGPA < 1.50 in any semester and $1.50 \leq \text{SGPA} < 2.00$ in any two semester;
- iii. $1.50 \leq \text{SGPA} < 2.00$ in any four semesters.

5.5. Award of Classes

The award of Class is determined at the completion of all the graduation requirements based on the Overall Grade Point Average (OGPA) cut-off as indicated below. A class may be awarded only to a student who has completed all graduation requirements with in five (05) academic years.

OGPA	Academic Standing
3.70 or above	First Class
3.30 – 3.69	Second Class – Upper Division
2.70 – 3.29	Second Class – Lower Division
2.00 – 2.69	Pass

5.6. Academic Concession

A. A student who has missed end-of-semester examination/s or continuous assessment/s due to illness or other compelling reasons, shall strictly follow the procedures laid out in the regulation 15.1 (Procedure for academic concessions) under the By-Law 15 for “conduct at examinations”.

(i) For consideration of academic concession on medical or compassionate grounds, the student/ parent/ guardian should inform the SAR Examinations **within 7 days** that he/she is unable to sit the examination by telegram, email, registered letter or a fax and submit supportive document/s, as specified in the regulation 15.1, covering the period of the examination **within 01 (one) calendar month after the last date of the examination**.

(ii) For consideration of academic concession on Representation grounds (when selected to represent University at Inter-University, National or International events), the student should inform the SAR Examinations that he/she is unable to sit the examination, and submit authenticated documents covering the period of examination **01 (One) calendar month before the first date of the examination** for consideration.

(iii) In the case of students missing continuous assessment component/s, on medical or compassionate grounds, the student should inform the relevant Lecturer that he/she is unable to face the continuous assessment and submit supportive documents, as specified in the regulation 15.1, covering the period of continuous assessment **within two weeks** of the event for consideration by the examiner of the module. When it is on representation grounds, the student should inform the relevant Lecturer **in advance** that he/she is unable to face the continuous assessment and submit authenticated documents covering the period of continuous assessment for consideration by the examiner of the module.

B. All applications for concessions for absence shall be on prescribed form (obtainable at the Examinations Division) and are subject to approval by the University Senate.

5.7. Dean's List

A full-time undergraduate student who obtains an SGPA of 3.80 or greater in any one semester may be recommended by the Board of Examiners to be included in the Dean's List provided all of the following conditions are met:

- i. The student has completed the minimum number of credits during the semester;
- ii. The student has no “Incomplete” or “Failure” grades
- iii. The student was not subject to disciplinary action.

Such a placement will also be noted on the student's transcript.

6.0. Graduation Requirements

6.1 A student enrolled for the Degree of Bachelor of Science Honours in Town & Country Planning shall follow a course of study as a full-time student for a minimum period of four academic years.

6.2 A student shall satisfy the following requirements in order to be awarded the Degree of Bachelor of Science Honours in Town & Country Planning:

- i. A minimum total of 150 credits from the modules specified for the course of study;
- ii. Completion of courses and any other mandatory requirements prescribed by the Senate;
- iii. A minimum OGPA of 2.00

6.3 A student will not qualify for the award of Degree of Bachelor of Science Honours in Town & Country Planning if the graduation requirements given in Section 6.2 are not satisfied within eight academic years from the date of first registration. However, approved leave on medical grounds shall be added to the eight academic years when determining the maximum duration to complete the degree.

6.4 Normally students are expected to complete their program through modules taken at the University of Moratuwa. Students who wish to take a module elsewhere should obtain approval from the senate on the recommendation of the Dean, Faculty of Architecture, before registering for the course, to ensure that it is acceptable for credit.

In such instance, it is the responsibility of the student to ensure that an official transcript of grades is forwarded to the Senior Assistant Registrar (Examinations) of the University of Moratuwa through Head of the Department to be recorded. To recognize Credit, a minimum grade of 'C' must be obtained for a module.

7.0. Effective Date of Award

The effective date of the degree shall be the last day of the month following the satisfactory completion of the graduation requirements as confirmed by the Senate.

7.1. Date of conferment of the degree

The date of conferment of the degree shall be the date of the convocation in which the degree is conferred on the candidate.

8.0. Definitions

"Department" means the Department of Town & Country Planning, Faculty of Architecture, University of Moratuwa as constituted by the Universities Act No. 16 of 1978, subsequently amended.

"Faculty" means the Faculty of Architecture, University of Moratuwa as constituted by the Universities Act No. 16 of 1978, subsequently amended.

"Faculty Board" means the Faculty Board of the Faculty of Architecture, University of Moratuwa as constituted by the Universities Act No. 16 of 1978, subsequently amended.

"Senate" means the Senate of the University of Moratuwa as constituted by the Universities Act No. 16 of 1978, subsequently amended.

"Registrar" is the Registrar of the University of Moratuwa as constituted by the Universities Act No. 16 of 1978, subsequently amended.

"Head of the Department" means the Head, Department of Town & Country Planning, University of Moratuwa as constituted by the Universities Act No. 16 of 1978, subsequently amended.

SECTION III

CURRICULUM

**of the Degree of Bachelor of Science Honours in
Town & Country Planning**

Level One – Conceptualization Stage

Module Code	Course Module	Category	Total Lecture hours	Total Lab/Studio /Field Work hours	Credits	Minimum Norm		Evaluation	
						GPA	Non-GPA	CA %	WE %

Semester 1									
SP1101	Introduction to Planning & Design	C	30		2	X		100	
SP1102	Communication through Drawing	C		90	2	X		100	
SP1103	Field Reconnaissance & Data Sourcing	C		45	1	X		100	
SP1104	Economics for Spatial Planning	C	30		2	X		20-40	60-80
SP1105	Ecology for Planning I	C	30		2	X		20-40	60-80
SP1106	Society, Culture & Space	C	30		2	X		20-40	60-80
SP1107	Mapping	C		45	1	X		20-40	60-80
SP1108	Communication through Information Technology	C		45	1	X		100	
SP1109	Applied Mathematics I	C	30		2	X		20-40	60-80
SP1110	Communication in English	C	30		2		X	20-40	60-80
SP1111	Drama	C		45	1		X	100	
Total			450		18				

Semester 2									
SP1201	Design Fundamentals	C		135	3	X		100	
SP1202	History of Human Settlement	C	30		2	X		20-40	60-80
SP1203	Land Surveying and Leveling	C		45	1	X		100	
SP1204	Building Materials & Construction	C		45	1	X		100	
SP1205	Ecology for Planning II	C	30		2	X		20-40	60-80
SP1206	Heritage in Planning	C	15		1	X		100	
SP1207	Spatial Information Systems	C		45	1	X		100	
SP1208	Applied Mathematics II	C	30		2	X		20-40	60-80
SP1209	Effective Communication	C		45	1	X		100	
SP1210	Personality Development	C		45	1		X	100	
Total			465		15				

Total - Level One			915		33				
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C – Compulsory

CA – Continuous Assessment

WE – Written Examination

Level Two – Analysis Stage

Module Code	Course Module	Category	Total Lecture hours	Total Lab/ Studio /Field Work hours	Credits	Minimum Norm		Evaluation	
						GPA	Non-GPA	CA%	WE%

Semester 3									
SP2301	Spatial Planning & Design Studio I	C	30	135	5	X		100	
SP2302	Planning Theory I	C	30		2	X		20-40	60-80
SP2304	Introduction to Real Estate	C	30		2	X		20-40	60-80
SP2305	Environmental Assessment I	C	30		2	X		100	
SP2306	Traffic & Transportation	C	30		2	X		20-40	60-80
SP2307	Political Economy of the City	C	30		2	X		20-40	60-80
SP2308	Remote Sensing I	C		90	2	X		100	
SP2309	Applied Statistics	C	30		2	X		20-40	60-80
SP2310	Film Making & Appreciation/ Journalism	C		45	1		X	100	
SP2311	Planning Law, Governance & Practice	C	30		2	X		20-40	60-80
Total			510		22				

Semester 4									
SP2401	Spatial Planning & Design Studio II	C	30	135	5	X		100	
SP2402	Planning Theory II	C	30		2	X		20-40	60-80
SP2403	Planning Techniques	C	30		2	X		100	
SP2404	Real Estate Development	C	30		2	X		20-40	60-80
SP2405	Environmental Assessment II	C	30		2	X		100	
SP2406	Environmental Infrastructure	C	30		2	X		100	
SP2407	Social Justice in Planning	C	30		2	X		20-40	60-80
SP2408	Demography in Planning	C	30		2	X		20-40	60-80
SP2409	Geo-Spatial Analysis	C		45	1	X		100	
SP2410	Sports	C		45	1		X	100	
Total			465		21				

Total – Level Two			975		43				
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C – Compulsory

CA – Continuous Assessment

WE – Written Examination

Level Three – Synthesis Stage

Module Code	Course Module	Category	Total Lecture hours	Total Lab/ Studio /Field Work hours	Credits	Minimum Norm		Evaluation	
						GPA	Non-GPA	CA %	WE %

Semester 5									
SP 3501	Regional Planning and Design Studio	C	45	180	7	X		100	
SP3502	Regional Planning Theory	C	30		2	X		20-40	60-80
SP3503	Development Economics	C	30		2	X		20-40	60-80
SP3504	Land Management & Resettlement	C	30		2	X		100	
SP3505	Disaster Management	C	30		2	X		20-40	60-80
SP3506	Regional Infrastructure Planning	C	30		2	X		100	
SP3507	Housing Policy and Systems	E	30		2	X		20-40	60-80
SP3508	Remote Sensing II	E	15	45	2	X		100	
SP3509	Planning Models	C	30		2	X		20-40	60-80
SP3510	Social Work	C		45	1		X	100	
<i>(Students should choose 1 Elective out of 2)</i>									
Total			510		22				

Semester 6									
SP3601	Urban Planning & Design Studio	C	45	180	7	X		100	
SP3602	Cities and Urban Forms	C	30		2	X		100	
SP3605	Eco Sensitive Planning & Design	E	30		2	X		100	
SP3606	Urban Infrastructure	C	30		2	X		100	
SP3607	Participatory Planning	C	15	45	2	X		100	
SP3608	Programming GIS	E	15	45	2	X		100	
SP3609	Urban Economics	E	30		2	X		20-40	60-80
SP3610	Event Management	C		45	1		X	100	
SP3611	Project Formulation, Appraisal & Management	C	45		3	X		20-40	60-80
SP3612	Public Project Financing	C	45		3	X		20-40	60-80
<i>(Students should choose 1 Elective out of 3)</i>									
Total			540		22				

Total – Level Three			1050		44				
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C - Compulsory
E – Elective

CA – Continuous Assessment
WE – Written Examination

Level Four – Product Stage

Module Code	Course Module	Category	Total Lecture hours	Total Lab/ Studio /Field Work hours	Credits	Minimum Norm		Evaluation	
						GPA	Non-GPA	CA %	WE %

Semester 7									
SP4701	Site Planning & Design Studio	C	45	180	7	X		100	
SP4702	Urban Regeneration	C	30		2	X		100	
SP4706	Urban Conservation	E	30		2	X		100	
SP4707	Web GIS	E	15	45	2	X		100	
SP4709	Environmental Management Systems	E	30		2	X		20-40	60-80
SP4712	Research Methods	C	30		2	X		100	
SP4713	Industrial Training	C		225	5	X		100	
<i>(Students should choose 1 Elective out of 3)</i>									
Total			540		18				

Semester 8						
SP4801	Individually Supervised Research Project/ Comprehensive Development Project	C 495	11	X	100	
	SP4803 Effective Writing	C 15	1	X	100	
Total		510	12			
Total – Level Four		1050	30			
Total for the Degree Programme		3990	150	141	09	

C – Compulsory
 E – Elective
 CA – Continuous Assessment
 WE – Written Examination

SECTION IV

COURSE MODULES

**Degree of Bachelor of Science Honours in
Town & Country Planning**

Level One - Semester One Course Modules

Conceptualization Stage

MODULE CODE SP1101	INTRODUCTION TO PLANNING AND DESIGN	LEVEL 1 SEMESTER 1
Minimum Norm	Compulsory (GPA)	
Number of Credits	02	
Lecture hours per semester	30	
Lecture hours per week	02	
Lab/Tutorials/Studio/Field Work per week	-	
Prerequisites	-	
LEARNING OBJECTIVES 1. To understand Planning and Design as general processes 2. To acquire knowledge on fundamental concepts of Planning and Design 3. To understand the application of Planning and Design concepts		
LEARNING OUTCOMES After completing the module students will be able to: 1. identify the key concepts of planning and design and develop an interest to explore the subject areas planning and design (Objectives 1 & 2) 2. understand the sequential and reiterative processes involved in decision making in development activities (Objectives 1,2 & 3) 3. participate in discussion forums of contemporary plans, programs, and policies which guide development (Objective 2)		
OUTLINE SYLLABUS <ul style="list-style-type: none">• Planning as a general process• Design thinking in planning• Alternative definitions to town planning• The origin and the evolution of town planning in Sri Lanka and in the world context• Position the role of planning in human settlement development• Different levels of planning		
ASSESSMENT METHOD <ul style="list-style-type: none">• Continuous Assessment		

MODULE CODE SP1102	COMMUNICATION THROUGH DRAWING	LEVEL 1 SEMESTER 1
Minimum Norm	Compulsory (GPA)	
Number of Credits	02	
Lecture hours per semester	90	
Lecture hours per week	-	
Lab/Tutorials/Studio/Field Work per week	06	
Prerequisites	-	
LEARNING OBJECTIVES 1. Record and present the characteristics and rhythms of an environment in the form of drawings. 2. Graphically analyze a smaller environment as a composition of various volumes, rhythms, scales and proportions.		
LEARNING OUTCOMES After completing the module students will be able to: 1. record and present an environment through drawings and graphics (Objective 1) 2. conceptualize the environmental characteristics with graphics (Objective 2)		
OUTLINE SYLLABUS <ul style="list-style-type: none">• Drawing as a communication tool• Use of drawing to express environmental characteristics• Working sessions on Free Hand Drawing• Methods and Techniques in Graphic communication• Introduction to 2D/3D drawings		
ASSESSMENT METHOD <ul style="list-style-type: none">• Continuous Assessment		

MODULE CODE SP1103	FIELD RECONNAISSANCE & DATA SOURCING	LEVEL 1 SEMESTER 1
Minimum Norm	Compulsory (GPA)	
Number of Credits	01	
Lecture hours per semester	45	
Lecture hours per week	-	
Lab/Tutorials/Studio/Field Work per week	03	
Prerequisites	-	
LEARNING OBJECTIVES 1. To understand different methods of observation and recording of spatial information 2. To explain and interpret spatial information 3. To develop an awareness on the methods of sourcing information from national and international data		
LEARNING OUTCOMES After completing the module students will be able to: 1. conduct a reconnaissance survey & prepare situation reports (Objectives 1 & 2) 2. construct information through tested and reliable methods and sources for an understanding of a given situation. (Objectives 1, 2 & 3)		
OUTLINE SYLLABUS <ul style="list-style-type: none">Field reconnaissance methodsMethods of interpreting field observations and recordingsSpatial and non-spatial informationData collection and processing methods and techniquesLimitations of data sourcing		
ASSESSMENT METHOD <ul style="list-style-type: none">Continuous Assessment		

MODULE CODE SP1104	ECONOMICS FOR SPATIAL PLANNING	LEVEL 1 SEMESTER 1
Minimum Norm	Compulsory (GPA)	
Number of Credits	02	
Lecture hours per semester	30	
Lecture hours per week	02	
Lab/Tutorials/Studio/Field Work per week	-	
Prerequisites	-	
LEARNING OBJECTIVES 1. To recognize the economic dimensions of spatial planning. 2. To describe basic principles in Micro Economics & Macro Economics and their use for an analysis of economic problems.		
LEARNING OUTCOMES After completing the module students will be able to: 1. relate the economic dimensions to spatial planning (Objective 1) 2. analyze the forces of supply and demand in determination of prices within different economic framework (Objective 2) 3. illustrate the theory of production and the factors underpinning short and long term costs (Objective 2)		
OUTLINE SYLLABUS • Nature and scope of economics • Introduction to the economy of a human settlement • Introduction to micro and macro-economic theories • Theory of consumer behavior • Types of economic systems • Types of markets and their characteristics • Key economic problems and issues		
ASSESSMENT METHOD • Written Examination • Continuous Assessment		

MODULE CODE SP1105	ECOLOGY FOR PLANNING I	LEVEL 1 SEMESTER 1
Minimum Norm	Compulsory (GPA)	
Number of Credits	02	
Lecture hours per semester	30	
Lecture hours per week	02	
Lab/Tutorials/Studio/Field Work per week	-	
Prerequisites	-	
LEARNING OBJECTIVES 1. To understand the components and processes of ecosystems 2. To explain the diverse ecosystems and their functions 3. To illustrate human interventions on processes of natural ecosystems		
LEARNING OUTCOMES After completing the module students will be able to: 1. describe the interactions between natural systems and built environment (Objectives 1, 2 & 3) 2. explain the environmental issues (local and global) (Objective 3)		
OUTLINE SYLLABUS <ul style="list-style-type: none">• Components and processes of ecosystems• Ecological Diversity• Functions and interactions of natural ecosystems• Biogeochemical Cycles and human interferences• Environmental issues		
ASSESSMENT METHOD <ul style="list-style-type: none">• Written Examination• Continuous Assessment		

MODULE CODE SP1106	SOCIETY, CULTURE AND SPACE	LEVEL1 SEMESTER 1
Minimum Norm	Compulsory (GPA)	
Number of Credits	02	
Lecture hours per semester	30	
Lecture hours per week	02	
Lab/Tutorials/Studio/Field Work per week	-	
Prerequisites	-	
LEARNING OBJECTIVES <div><div></div><div>1. To illustrate sociological theories and concepts related to cities and regions</div><div>2. To understand the relationship between society and space</div><div>3. To demonstrate urban and regional socio-cultural issues</div><div>4. To develop skills in carrying out socio-economic surveys</div></div>		
LEARNING OUTCOMES After completing the module students will be able to: <div><div></div><div>1. understand the importance of the socio-cultural dimensions in spatial planning (Objective 1)</div><div>2. demonstrate the social characteristics of an urban context through its spatial attributes (Objective 2)</div><div>3. discuss urban and regional socio-cultural issues. (Objective 3)</div><div>4. carry out socio economic surveys and analyze the survey findings (objective 4)</div></div>		
OUTLINE SYLLABUS <div><div></div><div><div>• Basic sociological theories and concepts</div><div>• New urbanism</div><div>• The idea of “planning for people”</div><div>• Theories of Socio-Spatial Process</div><div>• Social issues and problems</div><div>• Social surveys and analytical methods of survey data</div></div></div>		
ASSESSMENT METHOD <div><div></div><div><div>• Written Examination</div><div>• Continuous Assessment</div></div></div>		

MODULE CODE SP1107	MAPPING	LEVEL 1 SEMESTER 1
Minimum Norm	Compulsory (GPA)	
Number of Credits	01	
Lecture hours per semester	45	
Lecture hours per week	-	
Lab/Tutorials/Studio/Field Work per week	03	
Prerequisites	-	
LEARNING OBJECTIVES <ol style="list-style-type: none">1. To demonstrate the basic principles of maps and explain the different types of maps available for planners2. To illustrate the mapping of land uses, contours, topographic, cross sections at different scales3. To demonstrate the available map data for planning4. To introduce the latest technology in map producing		
LEARNING OUTCOMES <p>After completing the module students will be able to:</p> <ol style="list-style-type: none">1. interpret the methods of map production (Objectives 2 &3)2. represent the statistical data on maps to use in reports and oral presentations (Objectives 1 & 2)3. identify the latest technologies in map making (Objectives 3 & 4)		
OUTLINE SYLLABUS <ul style="list-style-type: none">• Types of maps• Use of maps for planning• Map reading• Preparation of graphs and maps manually• Introduction to Aerial Photography, GIS, Remote Sensing and GPS in map making		
ASSESSMENT METHOD <ul style="list-style-type: none">• Written Examination• Continuous Assessment		

MODULE CODE SP1108	COMMUNICATION THROUGH INFORMATION TECHNOLOGY	LEVEL 1 SEMESTER 1
Minimum Norm	Compulsory (GPA)	
Number of Credits	01	
Lecture hours per semester	45	
Lecture hours per week	-	
Lab/Tutorials/Studio/Field Work per week	03	
Prerequisites	-	
LEARNING OBJECTIVES 1. To understand the use of Information Technology in communicating the spatial information of a given context. 2. To acquire skills in using computer applications for the simulation of a spatial settings.		
LEARNING OUTCOMES After completing the module students will be able to: 1. apply computer applications to simulate an environment (Objectives 1 & 2)		
OUTLINE SYLLABUS <ul style="list-style-type: none">• Introduction to communication technologies• Introduction to graphical and modeling software		
ASSESSMENT METHOD <ul style="list-style-type: none">• Continuous Assessment		

MODULE CODE SP1109	APPLIED MATHEMATICS I	LEVEL 1 SEMESTER 1
Minimum Norm	Compulsory (GPA)	
Number of Credits	02	
Lecture hours per semester	30	
Lecture hours per week	02	
Lab/Tutorials/Studio/Field Work per week	-	
Prerequisites	Knowledge on basic Mathematics	
LEARNING OBJECTIVES 1. To understand the mathematical concepts related to planning 2. To apply mathematical tools in real world situations		
LEARNING OUTCOMES After completing the module students will be able to: 1. demonstrate the real world situations with mathematical concepts. (Objective 1) 2. identify and apply appropriate mathematical tools to comprehend a given situation. (Objective 2)		
OUTLINE SYLLABUS • Principles of Algebra, Geometry, Trigonometry and Progressions • Principles and Applications of Matrices and Calculus • Set theory and Probability Theory • Applications of mathematical concepts for planning		
ASSESSMENT METHOD • Written Examination • Continuous Assessment		

MODULE CODE SP1110	COMMUNICATION IN ENGLISH	LEVEL I SEMESTER 1
Minimum Norm	Compulsory (NGPA)	
Number of Credits	02	
Lecture hours per semester	30	
Lecture hours per week	02	
Lab/Tutorials/Studio/Field Work per week	-	
Prerequisites	-	
LEARNING OBJECTIVES <div><div></div><div><div></div><div></div><div></div><div></div></div></div> <div><div></div><div></div><div></div><div></div></div> <div><div></div><div></div><div></div><div></div></div> <div><div></div><div></div><div></div><div></div></div> <div><div></div><div></div><div></div><div></div></div> <div><div></div><div></div><div></div><div></div></div> <div><div></div><div></div><div></div><div></div></div> <div><div></div><div></div><div></div><div></div></div> <div><div></div><div></div><div></div><div></div></div> <div><div></div><div></div><div></div><div></div></div> <div><div></div><div></div><div></div><div></div></div> <div><div></div><div></div><div></div><div></div></div> <div><div></div><div></div><div></div><div></div></div> <div><div></div><div></div><div></div><div></div></div> <div><div></div><div></div><div></div><div></div></div> <div><div></div><div></div><div></div><div></div></div> <div><div></div><div></div><div></div><div></div></div> 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MODULE CODE SP1111	DRAMA	LEVEL I SEMESTER 1
Minimum Norm		Compulsory (NGPA)
Number of Credits		01
Lecture hours per semester		45
Lecture hours per week		-
Lab/Tutorials/Studio/Field Work per week		03
Prerequisites		-
LEARNING OBJECTIVES <ol style="list-style-type: none"> 1. To develop appreciation skills 2. To strengthen self-confidence and expressive abilities in presentation 		
LEARNING OUTCOMES <p>After completing the module students will be able to:</p> <ol style="list-style-type: none"> 1. appreciate a work of art (Objective 1) 2. organize, participate, and demonstrate performing skills in a public event (Objective 2) 		
OUTLINE SYLLABUS <ul style="list-style-type: none"> • Expression of the elements of Drama • Reading and writing of scripts • Performing and appreciation of drama • Acting and choreography, stage setting and discipline, costume design • Perform a drama for public audience 		
ASSESSMENT METHOD <ul style="list-style-type: none"> • Continuous Assessment 		

Level One - Semester Two Course Modules

Conceptualization Stage

MODULE CODE SP1201	DESIGN FUNDAMENTALS	LEVEL 1 SEMESTER 2
Minimum Norm		Compulsory (GPA)
Number of Credits		03
Lecture hours per semester		135
Lecture hours per week		-
Lab/Tutorials/Studio/Field Work per week		09
Prerequisites		-
LEARNING OBJECTIVES <ol style="list-style-type: none"> 1. To study the built environment from multi-dimensions related to space, activities, time, meanings and socio-cultural norms. 2. To understand space and objects as systems and processes. 3. To be sensitive to spatial and non-spatial aspects and the micro level details of the built environment. 4. To orient towards design thinking. 		
LEARNING OUTCOMES <p>After completing the module students will be able to:</p> <ol style="list-style-type: none"> 1. conceptualize the built environment as a complex process of organizing space, objects, activities and non-spatial aspects (Objectives 1& 2) 2. demonstrate the sensitivity towards intricate elements of a built environment (Objectives 3 & 4) 3. interpret a built environment and its qualities for a design purpose (Objectives 3 & 4) 		
OUTLINE SYLLABUS <ul style="list-style-type: none"> • Readings from selected literature on Built Environment design • Methods and techniques of reading built environment and the analysis of spatial organizations • Studio on observing, recording and interpreting selected built environments and their inhabitants 		
ASSESSMENT METHOD <ul style="list-style-type: none"> • Continuous Assessment <p>Note: The Major Studio Work of this module will be contributed by the other Modules, as indicated in respective modules outline and students will be assessed for their performance partially by this work.</p>		

MODULE CODE SP1202	HISTORY OF HUMAN SETTLEMENTS	LEVEL 1 SEMESTER 2
Minimum Norm	Compulsory (GPA)	
Number of Credits	02	
Lecture hours per semester	30	
Lecture hours per week	02	
Lab/Tutorials/Studio/Field Work per week	-	
Prerequisites	-	
LEARNING OBJECTIVES		
1. To understand the evolution of human settlement formation		
LEARNING OUTCOMES		
After completing the module students will be able to:		
1. describe the layout of human settlements established in earliest habitation (Objective 1)		
2. participate effectively in debates on the history of human settlement development (Objective 1)		
OUTLINE SYLLABUS		
• Evolution of civilization		
• Spatial organization of human settlements		
• Methods of studying history of human settlements		
• Active contribution of the knowledge acquired for SP 1201 Design Fundamentals module		
ASSESSMENT METHOD		
• Written Examination		
• Continuous Assessment		
Note:		
Major part of the Continuous Assessment will be carried out during SP1201 Design Fundamentals Module.		

MODULE CODE SP1203	LAND SURVEYING AND LEVELING	LEVEL 1 SEMESTER 2
Minimum Norm	Compulsory (GPA)	
Number of Credits	01	
Lecture hours per semester	45	
Lecture hours per week	-	
Lab/Tutorials/Studio/Field Work per week	03	
Prerequisites	-	
LEARNING OBJECTIVES <div><div></div><div><div>1.</div><div>To understand the functions of land surveying and leveling instruments</div></div><div><div>2.</div><div>To demonstrate surveying principles and different types of surveying methods</div></div><div><div>3.</div><div>To demonstrate different types of maps, scales, and their uses in planning at different levels</div></div><div><div>4.</div><div>To demonstrate land surveying and measuring of levels at different sites</div></div></div>		
LEARNING OUTCOMES After completing the module students will be able to: <div><div></div><div><div>1.</div><div>obtain levels of a site; indicate spot heights and contour lines in a map (Objectives 1 & 2)</div></div><div><div>2.</div><div>determine appropriate scales of maps for different levels of planning (Objective 3)</div></div><div><div>3.</div><div>prepare a survey plan for a site indicating the physical features there(Objective 4)</div></div></div>		
OUTLINE SYLLABUS <div><div></div><div><div>•</div><div>Plain table surveying</div></div><div><div>•</div><div>Theodolite surveying</div></div><div><div>•</div><div>Leveling of sites and areas</div></div><div><div>•</div><div>Surveying and leveling instruments and their functions</div></div><div><div>•</div><div>Preparation of plans</div></div><div><div>•</div><div>Preparation of contour plans</div></div><div><div>•</div><div>Reading of remote sensing maps & use of GPS</div></div></div>		
ASSESSMENT METHOD <div><div></div><div><div>•</div><div>Continuous Assessment</div></div></div>		

MODULE CODE SP1204	BUILDING MATERIALS AND CONSTRUCTION	LEVEL 1 SEMESTER 2
Minimum Norm	Compulsory (GPA)	
Number of Credits	01	
Lecture hours per semester	45	
Lecture hours per week	03	
Lab/Tutorials/Studio/Field Work per week	-	
Prerequisites	-	
LEARNING OBJECTIVES <div><div></div><div><div>1.</div><div>To illustrate the typology of buildings and the materials associated with them in different spatial contexts.</div></div><div><div>2.</div><div>To demonstrate different technologies of building constructions</div></div><div><div>3.</div><div>To develop basic skills in draughtsmanship and specification for building work.</div></div></div>		
LEARNING OUTCOMES After completing the module students will be able to: <div><div></div><div><div>1.</div><div>prepare an inventory of building types and structures with materials and technology used in the construction (Objectives 1 & 2).</div></div><div><div>2.</div><div>prepare a list of structural and functional components of a building related to the maintenance of buildings and structures (Objectives 1 & 2)</div></div><div><div>3.</div><div>sketch the floor plan, sections and elevations of a building and prepare specifications for that (Objective 3)</div></div></div>		
OUTLINE SYLLABUS <div><div></div><div><div>•</div><div>Typology of buildings and building materials</div></div><div><div>•</div><div>Types of construction technology used in buildings</div></div><div><div>•</div><div>Types of materials in the construction industry, their qualities, production, storage and transportation process</div></div><div><div>•</div><div>Drawings and specifications for construction</div></div><div><div>•</div><div>Active contribution of the knowledge acquired for SP1201 Design Fundamentals Module</div></div></div>		
ASSESSMENT METHOD <div><div></div><div><div>•</div><div>Continuous Assessment</div></div></div> <div>Note: Major part of the Continuous Assessment will be carried out during SP1201 Design Fundamentals Module.</div>		

MODULE CODE SP1205	ECOLOGY FOR PLANNING II	LEVEL 1 SEMESTER 2
Minimum Norm	Compulsory (GPA)	
Number of Credits	02	
Lecture hours per semester	30	
Lecture hours per week	02	
Lab/Tutorials/Studio/Field Work per week	-	
Prerequisites	-	
LEARNING OBJECTIVES 1. To develop basic knowledge and skills required to understand the components and the quality of ecosystem. 2. To interpret the components and quality of the ecosystem of a context.		
LEARNING OUTCOMES After completing the module students will be able to: 1. apply the analytical techniques to understand the quality of ecosystem (Objective 1) 2. ability to interpret the ecological parameters (Objective 2) 3. conduct an ecological survey in a given environment (Objectives 1 & 2)		
OUTLINE SYLLABUS <ul style="list-style-type: none">Quantitative ecology (biotic and abiotic)Preparation of the ecological profileActive contribution of the knowledge acquired for SP 1201 Design Fundamentals module		
ASSESSMENT METHOD <ul style="list-style-type: none">Written ExaminationContinuous Assessment Note: Major part of the Continuous Assessment will be carried out during SP1201 Design Fundamentals Module.		

MODULE CODE SP1206	HERITAGE IN PLANNING	LEVEL 1 SEMESTER 2
Minimum Norm	Compulsory (GPA)	
Number of Credits	01	
Lecture hours per semester	15	
Lecture hours per week	02	
Lab/Tutorials/Studio/Field Work per week	-	
Prerequisites	-	
LEARNING OBJECTIVES 1. To comprehend theory and practice of heritage planning. 2. To demonstrate protection and conservation approaches of places with cultural and heritage significance.		
LEARNING OUTCOMES After completing the module students will be able to: 1. be sensitive to the cultural and heritage values of places (Objective 1). 2. formulation and implementation of local policies, guidelines and planning controls for places of heritage significance (Objective 2). 3. participate effectively in debates on culture and heritage in the context of its conservation in human settlements (Objectives 1 & 2).		
OUTLINE SYLLABUS <ul style="list-style-type: none">• Concepts and theories of culture and heritage in settlement planning• Heritage conservation tools and techniques• Sacred area planning• World heritage movements and contemporary practices in Sri Lanka• Legislative framework for conservation of cultural heritage sites• Active contribution of the knowledge acquired for SP1201 Design Fundamentals Module		
ASSESSMENT METHOD <ul style="list-style-type: none">• Continuous Assessment Note: Major part of the Continuous Assessment will be carried out during SP1201 Design Fundamentals Module.		

MODULE CODE SP1207	SPATIAL INFORMATION SYSTEMS	LEVEL 1 SEMESTER 2
Minimum Norm	Compulsory (GPA)	
Number of Credits	01	
Lecture hours per semester	45	
Lecture hours per week	-	
Lab/Tutorials/Studio/Field Work per week	03	
Prerequisites	-	
LEARNING OBJECTIVES <div><div></div><div><div>1.</div><div>To understand the fundamental concepts, functions and techniques of Spatial Information Systems</div></div><div><div>2.</div><div>To utilize SIS software for developing spatial databases& maps.</div></div></div>		
LEARNING OUTCOMES After completing the module students will be able to: <div><div></div><div><div>1.</div><div>Identify the concepts, functions and the limitations in Spatial Information Systems (Objective 1)</div></div><div><div>2.</div><div>Design a basic spatial database using SIS technology (Objective 2)</div></div><div><div>3.</div><div>Prepare thematic maps using GIS software (Objective 2)</div></div></div>		
OUTLINE SYLLABUS <div><div></div><div><div>•</div><div>Concepts of Spatial Information Systems (GIS, GPS and RS)</div></div><div><div>•</div><div>Preparing spatial databases</div></div><div><div>•</div><div>Query Methods</div></div><div><div>•</div><div>Geo-processing techniques</div></div><div><div>•</div><div>Geo-referencing& Digitizing</div></div><div><div>•</div><div>Map projections & coordinate systems</div></div><div><div>•</div><div>Active contribution of the knowledge acquired for SP 1201 Design Fundamentals module</div></div></div>		
ASSESSMENT METHOD <div><div></div><div><div>•</div><div>Continuous Assessments</div></div></div> Note: Major part of the Continuous Assessment will be carried out during SP1201 Design Fundamentals Module.		

MODULE CODE SP1208	APPLIED MATHEMATICS II	LEVEL 1 SEMESTER 2
Minimum Norm		Compulsory (GPA)
Number of Credits		02
Lecture hours per semester		30
Lecture hours per week		02
Lab/Tutorials/Studio/Field Work per week		-
Prerequisites		Basic Knowledge on Mathematics
LEARNING OBJECTIVES <ol style="list-style-type: none"> 1. To understand fundamental concepts and theories of applied mathematics 2. To apply fundamental concepts and theories of applied mathematics in real world situations 		
LEARNING OUTCOMES <p>After completing the module students will be able to:</p> <ol style="list-style-type: none"> 1. apply and demonstrate the fundamental theories and concepts of applied mathematics in real world situations (Objectives 1&2) 		
OUTLINE SYLLABUS <ul style="list-style-type: none"> • Principles of Central and Non-central Forces, Energy and Energy Conversion, Simple Linear Motion, Force of Gravity, Equilibrium, Friction, Collision of Masses, Relative Motion, Special Theory of Relativity • Applications of applied mathematical concepts and theories for planning • Active contribution of the knowledge acquired for SP1201 Design Fundamentals Module 		
ASSESSMENT METHOD <ul style="list-style-type: none"> • Written Examination • Continuous Assessment <p>Note: Major part of the Continuous Assessment will be carried out during SP1201 Design Fundamentals Module.</p>		

MODULE CODE SP1209	EFFECTIVE COMMUNICATION	LEVEL 1 SEMESTER 2
Minimum Norm	Compulsory (GPA)	
Number of Credits	01	
Lecture hours per semester	45	
Lecture hours per week	-	
Lab/Tutorials/Studio/Field Work per week	03	
Prerequisites	-	
LEARNING OBJECTIVES 1. To improve verbal and graphical communication, writing and reporting skills. 2. To develop inbuilt qualities to be a good presenter. 3. To improve team work and self-confidence.		
LEARNING OUTCOMES After completing the module students will be able to: 1. organize and make effective verbal and visual presentations (Objectives 1 & 2) 2. prepare technical reports on a given topic (Objective 1) 3. document a situation or an event adopting basic principles of effective communication (Objective 3)		
OUTLINE SYLLABUS <ul style="list-style-type: none">Idea generation methods and preparation methods for a presentation/ report writing.Script writing techniquesCommunication etiquettesPublic addressingBi- lateral communication methodsTechnical report writingDocumentation of a topicActive contribution of the knowledge acquired for SP1201 Design Fundamentals Module		
ASSESSMENT METHOD <ul style="list-style-type: none">Continuous Assessment Note: Major part of the Continuous Assessment will be carried out SP1201 Design Fundamentals Module.		

MODULE CODE SP1210	PERSONALITY DEVELOPMENT	LEVEL 1 SEMESTER 2
Minimum Norm	Compulsory (NGPA)	
Number of Credits	01	
Lecture hours per semester	45	
Lecture hours per week	-	
Lab/Tutorials/Studio/Field Work per week	03	
Prerequisites	-	
LEARNING OBJECTIVES 1. To strengthen self-confidence and expressive abilities in presentation 2. To promote strategies for personality development		
LEARNING OUTCOMES After completing the module students will be able to: 1. enhance individual strengths and finding ways to overcome the life challenges (Objectives 1 and 2) 2. develop a personality development plan to achieve targets in life (Objective 2)		
OUTLINE SYLLABUS <ul style="list-style-type: none">• Introduction to personality and working towards personality development• Building communication skills (listening, communication barriers and strategies to overcome)• Building self-confidence and self esteem• Leadership skills• Developing interpersonal relationships• Stress management• Projecting a positive social image (public speaking, social graces and etiquettes, body language, voice modulation, etc)		
ASSESSMENT METHOD <ul style="list-style-type: none">• Continuous Assessment		

Level Two - Semester Three Course Modules

Analysis Stage

MODULE CODE SP2301	SPATIAL PLANNING AND DESIGN STUDIO I	LEVEL 2 SEMESTER 3
Minimum Norm	Compulsory (GPA)	
Number of Credits	05	
Lecture hours per semester	165	
Lecture hours per week	02	
Lab/Tutorials/Studio/Field Work per week	09	
Prerequisites	-	
LEARNING OBJECTIVES		
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MODULE CODE SP2302	PLANNING THEORY I	LEVEL 2 SEMESTER 3
Minimum Norm	Compulsory (GPA)	
Number of Credits	02	
Lecture hours per semester	30	
Lecture hours per week	02	
Lab/Tutorials/Studio/Field Work per week	-	
Prerequisites	-	
LEARNING OBJECTIVES <ol style="list-style-type: none">1. To develop ability to conceptualize a human settlement through different theories related to spatial planning.2. To develop ability to literally analyse the issues prevalent in a human settlement from a theoretical perspective.		
LEARNING OUTCOMES <p>After completing the module students will be able to:</p> <ol style="list-style-type: none">1. conceptualize and discuss the organization of a human settlement relating to different planning theories (Objective 1)2. demonstrate a comprehensive knowledge in substantive theories in planning (Objective 1)3. interpret a given situation on human settlement in the light of the theories learned (Objective 2)		
OUTLINE SYLLABUS <ul style="list-style-type: none">• Normative theories on planning human settlements• Describing human settlements as a “Historic Process”, a “Central Place”, an “Agglomeration of Economic activities”, a “Decision of location economics”, a “Social-spatial Process”, a “Place”, a “Social Construction”, a “Field of Forces”, and an “Arena for Conflicts”.• Theories on hierarchical organization of human settlements.• Urban form theories• The forms of Sri Lankan towns• Active contribution of the knowledge acquired for SP 2301 Spatial Planning & Design Studio I		
ASSESSMENT METHOD <ul style="list-style-type: none">• Written Examination• Continuous Assessment <p>Note: Major part of the Continuous Assessment will be carried out during SP2301 Spatial Planning & Design Studio I.</p>		

MODULE CODE SP2304	INTRODUCTION TO REAL ESTATE	LEVEL 2 SEMESTER 3
Minimum Norm	Compulsory (GPA)	
Number of Credits	02	
Lecture hours per semester	30	
Lecture hours per week	02	
Lab/Tutorials/Studio/Field Work per week	-	
Prerequisites	-	
LEARNING OBJECTIVES <div><div></div><div><div></div><div></div><div></div></div></div> <div><div></div><div></div><div></div></div> <div><div></div><div></div><div></div></div> <div><div></div><div></div><div></div></div> <div><div></div><div></div><div></div></div> <div><div></div><div></div><div></div></div> <div><div></div><div></div><div></div></div> <div><div></div><div></div><div></div></div> <div><div></div><div></div><div></div></div> <div><div></div><div></div><div></div></div> <div><div></div><div></div><div></div></div> <div><div></div><div></div><div></div></div> <div><div></div><div></div><div></div></div> <div><div></div><div></div><div></div></div> <div><div></div><div></div><div></div></div> <div><div></div><div></div><div></div></div> <div><div></div><div></div><div></div></div> <div><div></div><div></div><div></div></div> <div><div></div><div></div><div></div></div> <div><div></div><div></div><div></div></div> <div><div></div><div></div><div></div></div> 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MODULE CODE SP2305	ENVIRONMENT ASSESSMENT 1	LEVEL 2 SEMESTER 3
Minimum Norm	Compulsory (GPA)	
Number of Credits	02	
Lecture hours per semester	30	
Lecture hours per week	02	
Lab/Tutorials/Studio/Field Work per week	-	
Prerequisites	-	
LEARNING OBJECTIVES 1. To conceptualize functions and the process of natural environmental systems 2. To analyze the functions and the process of natural environmental systems		
LEARNING OUTCOMES After completing the module students will be able to: 1. analyze the environmental issues (Objectives 1 & 2)		
OUTLINE SYLLABUS <ul style="list-style-type: none">Processes of natural Environmental systems and their functionsCarrying capacity of environmental systemAir shedWatershedBiological environmentAnalyze the environmental issuesActive contribution of the knowledge acquired for SP2301 Spatial Planning & Design Studio I		
ASSESSMENT METHOD <ul style="list-style-type: none">Continuous Assessment Note: Major part of the Continuous Assessment will be carried out during SP2301 Spatial Planning & Design Studio I.		

MODULE CODE SP2306	TRAFFIC AND TRANSPORTATION	LEVEL 2 SEMESTER 3
Minimum Norm	Compulsory (GPA)	
Number of Credits	02	
Lecture hours per semester	30	
Lecture hours per week	02	
Lab/Tutorials/Studio/Field Work per week	-	
Prerequisites	-	
LEARNING OBJECTIVES <ol style="list-style-type: none">1. To illustrate transportation as a method of communication and traffic as a function related to different land uses and human settlement development with an emphasis on time, cost and safety.2. To develop tools for analysis of problems, issues, and potentials related to transportation.3. To demonstrate modeling techniques for traffic planning and methods for estimating & forecasting of traffic.		
LEARNING OUTCOMES <p>After completing the module students will be able to:</p> <ol style="list-style-type: none">1. carry out an O-D survey and parking survey (Objective 1)2. compute the level of functional efficiency of land uses in urban and rural settlement development in terms of traffic and transportation planning (Objectives 1& 2)3. estimate and forecast traffic based on the Land Use–Economic Growth-Per Capita Income model. (Objective 3)		
OUTLINE SYLLABUS <ul style="list-style-type: none">• Principles and theoretical aspects of transportation related to land use planning.• Principles and techniques related to traffic surveys• Traffic forecasting and Transport modeling• Transport policies• Active contribution of the knowledge acquired for SP2301 Spatial Planning & Design Studio I		
ASSESSMENT METHOD <ul style="list-style-type: none">• Written Examination• Continuous Assessment <p>Note:</p> <p>Major part of the Continuous Assessment will be carried out during SP2301 Spatial Planning & Design Studio I.</p>		

MODULE CODE SP2307	POLITICAL ECONOMY OF THE CITY	LEVEL 2 SEMESTER 3
Minimum Norm	Compulsory (GPA)	
Number of Credits	02	
Lecture hours per semester	30	
Lecture hours per week	02	
Lab/Tutorials/Studio/Field Work per week	-	
Prerequisites	-	
LEARNING OBJECTIVES <div><div></div><div><div>1.</div><div>To understand the concepts and principles of urban political economy and their evolutionary processes over time.</div></div><div><div>2.</div><div>To demonstrate how political economic concepts, structures, and process shape up human settlements.</div></div></div>		
LEARNING OUTCOMES After completing the module students will be able to: <div><div></div><div><div>1.</div><div>appreciate the significance among different political ideologies and their corresponding economic systems (Objective 1)</div></div><div><div>2.</div><div>understand how communities are located in particular places in the city by different political economic structures (Objective 2)</div></div><div><div>3.</div><div>understand the planner's role of as a 'mediator' between the people and the market in a neoliberal governing structure (Objectives 1 & 2)</div></div></div>		
OUTLINE SYLLABUS <div><div></div><div><div>•</div><div>Theories and concepts of political economy</div></div><div><div>•</div><div>Evolutionary process of political economy in urban planning</div></div><div><div>•</div><div>Marxist and capitalist principles related to development planning</div></div><div><div>•</div><div>How cities are structured under capitalism and globalization</div></div><div><div>•</div><div>Production and reproduction of labour in urban planning</div></div><div><div>•</div><div>Active contribution of the knowledge acquired for SP2301 Spatial Planning & Design Studio I</div></div></div>		
ASSESSMENT METHOD <div><div></div><div><div>•</div><div>Written Examination</div></div><div><div>•</div><div>Continuous Assessment</div></div></div> Note: Major part of the Continuous Assessment will be carried out during SP2301 Spatial Planning & Design Studio I.		

MODULE CODE SP2308	REMOTE SENSING I	LEVEL 2 SEMESTER 3
Minimum Norm	Compulsory (GPA)	
Number of Credits	02	
Lecture hours per semester	90	
Lecture hours per week	-	
Lab/Tutorials/Studio/Field Work per week	06	
Prerequisites	-	
LEARNING OBJECTIVES <div><div></div><div><div>1.</div><div>To understand the principles of Remote Sensing.</div></div><div><div>2.</div><div>To illustrate aerial photographs, satellite imageries and GPS as sources of data gathering.</div></div><div><div>3.</div><div>To demonstrate the use of equipment and the software applications for interpreting remotely sensed data.</div></div></div>		
LEARNING OUTCOMES After completing the module students will be able to: <div><div></div><div><div>1.</div><div>explain the origin, concepts and key terminologies of Remote Sensing (Objective 1)</div></div><div><div>2.</div><div>develop skills in processing, interpreting and analyzing remotely sensed data using software and manual techniques (Objectives 2 & 3)</div></div></div>		
OUTLINE SYLLABUS <div><div></div><div><div>•</div><div>Introduction to the principles of Remote Sensing</div></div><div><div>•</div><div>Photogrammetry</div></div><div><div>•</div><div>Multispectral & Hyperspectral Remote Sensing</div></div><div><div>•</div><div>Thermal Infrared Remote Sensing</div></div><div><div>•</div><div>Introduction to Microwave Remote Sensing</div></div><div><div>•</div><div>Global Positioning System</div></div><div><div>•</div><div>Visual Image Interpretation</div></div><div><div>•</div><div>Digital Image Interpretation</div></div><div><div>•</div><div>Initial Statistics Extraction from Remote Sensing Data</div></div><div><div>•</div><div>Accuracy Assessment</div></div><div><div>•</div><div>Active contribution of the knowledge acquired for SP2301 Spatial Planning & Design Studio I</div></div></div>		
ASSESSMENT METHOD <div><div></div><div><div>•</div><div>Continuous Assessment</div></div></div>		
Note: Major part of the Continuous Assessment will be carried out during SP2301 Spatial Planning & Design Studio I.		

MODULE CODE SP2309	APPLIED STATISTICS	LEVEL 2 SEMESTER 3
Minimum Norm	Compulsory (GPA)	
Number of Credits	02	
Lecture hours per semester	30	
Lecture hours per week	02	
Lab/Tutorials/Studio/Field Work per week	-	
Prerequisites	-	
LEARNING OBJECTIVES 1. To define the fundamentals of statistics. 2. To illustrate the applicability of statistical techniques for the quantitative analysis of a given context. 3. To develop the understanding of the application of statistical techniques in different scenarios		
LEARNING OUTCOMES After completing the module students will be able to: 1. identify appropriate sampling and data collection methods (Objectives 1 & 2) 2. illustrate the data and information using suitable methods of graphical presentation (Objectives 1 & 2) 3. apply relevant statistical theories for problem solving (Objective 3)		
OUTLINE SYLLABUS • Introduction to Statistics • Methods of Sampling • Methods of Data Collection • Measures of Central Tendency and Dispersion • Graphical Representation of Statistical Data • Introduction to computer based data analysis software (SPSS/SAS/Minitab) • Bivariate Correlation and Regression Analysis • Multiple Linear Regression Analysis (Computer based applications/SPSS) • Active contribution of the knowledge acquired for SP2301 Spatial Planning & Design Studio I		
ASSESSMENT METHOD • Continuous Assessment • Written Examination Note: Major part of the Continuous Assessment will be carried out during SP2301 Spatial Planning & Design Studio I.		

MODULE CODE SP2310 (a)	FILM MAKING AND APPRECIATION	LEVEL 2 SEMESTER 3
Minimum Norm	Compulsory (NGPA)	
Number of Credits	01	
Lecture hours per semester	45	
Lecture hours per week		
Lab/Tutorials/Studio/Field Work per week	03	
Prerequisites	-	
LEARNING OBJECTIVES 1. To develop aesthetic appreciation skills. 2. To develop understanding of the techniques of videography and audio visual presentations.		
LEARNING OUTCOMES After completing the module students will be able to: 1. critically review and appreciate a work of film (Objectives 1) 2. handle visual media for effective communication (Objective 2) 3. demonstrate capacity to organize as a team and produce a short film/ documentary/video (Objectives 1 & 2)		
OUTLINE SYLLABUS <ul style="list-style-type: none">• Introduction to film making• Film appreciation• Script Writing for short film• Basic concepts of video production, videography and video editing• Production Management		
ASSESSMENT METHOD <ul style="list-style-type: none">• Continuous Assessment		

MODULE CODE SP2310 (b)	JOURNALISM	LEVEL 2 SEMESTER 3
Minimum Norm	Compulsory (NGPA)	
Number of Credits	01	
Lecture hours per semester	45	
Lecture hours per week		
Lab/Tutorials/Studio/Field Work per week	03	
Prerequisites	-	
LEARNING OBJECTIVES 1. To develop basic skills in journalism and promote creativity in communication for public 2. To develop understanding of the effectiveness and the usefulness of journalism		
LEARNING OUTCOMES After completing the module students will be able to: 1. use journalism as an effective communication method in planning (Objectives 1 & 2) 2. learn together with respect, responsibility, communication and cooperation (Objectives 1&2)		
OUTLINE SYLLABUS • The World of Journalism • Basic principles and concepts associated with journalism • News Stories, interviewing, writing Skills, features and specialisms and use of electronic media • Ethics and legal aspects		
ASSESSMENT METHOD • Continuous Assessment		

MODULE CODE SP2311	PLANNING LAW,GOVERNANCE & PRACTICE	LEVEL 2 SEMESTER 3
Minimum Norm	Compulsory (GPA)	
Number of Credits	02	
Lecture hours per semester	30	
Lecture hours per week	02	
Lab/Tutorials/Studio/Field Work per week	-	
Prerequisites	-	
LEARNING OBJECTIVES <ol style="list-style-type: none">1. To introduce 'case interpretations' related to the planning laws.2. To illustrate the statutory responsibilities of Town & Country Planning, and environmental management.3. To demonstrate the statutory procedure in the preparation of plan.4. To illustrate the governance structure5. To demonstrate the changing role of public and private sectors6. To judge good urban governance practices at city scale and their significance for functioning of the city		
LEARNING OUTCOMES After completing the module students will be able to: <ol style="list-style-type: none">1. review the different planning and environmental laws in Sri Lanka (Objectives 1 &2)2. plan as per the statutory planning procedures, and also enforce planning & building regulations, at different levels of planning (Objectives 1,2 &3)3. explain land sub-division plan, building plan and planning and building regulations in practice and their rationality.4. read land sub-division and building application5. examine the process of planning clearance for selected development.		
OUTLINE SYLLABUS <ul style="list-style-type: none">• Evolution of planning laws in Sri Lanka• Planning legislations, powers and functions of planning authorities• Governance structure of Sri Lanka• Participatory governance in planning: empirical evidence and challenges.• E-governance, Good governance and its applicability• Planning and building regulations• Building permits and planning clearance• Familiarization visits to planning offices and its different functional sections• Principles of decision making in public management• Ethics of the planning profession		
ASSESSMENT METHOD <ul style="list-style-type: none">• Written Examination• Continuous Assessment Note: Major part of the Continuous Assessment will be carried out during SP2301 Spatial Planning & Design Studio I.		

Level Two - Semester Four
Course Modules

Analysis Stage

MODULE CODE SP2401	SPATIAL PLANNING AND DESIGN STUDIO II	LEVEL 2 SEMESTER 4
Minimum Norm	Compulsory (GPA)	
Number of Credits	05	
Lecture hours per semester	165	
Lecture hours per week	02	
Lab/Tutorials/Studio/Field Work per week	09	
Prerequisites	-	
LEARNING OBJECTIVES <div>1. To investigate a built environment for an in-depth understanding pertaining to a current issue</div> <div>2. To train in strategic interventions to identified problem situations in a built environment.</div> <div>3. To inspire to innovate spatial planning and design strategies to realize the identified strategic actions for a given situation.</div> <div>4. To develop rationale thinking and effective communication of the strategies formulated.</div> <div>5. To engage in teamwork and consider alternative responses.</div>		
LEARNING OUTCOMES After completing the module students will be able to: <div>1. analyze and comprehend the cause and effect relationships of a given issue relating to its manifestations in space (Objective 1)</div> <div>2. frame problems in a given situation, analyze them in effective manner and envision strategic interventions (Objective 2)</div> <div>3. formulate innovative planning and design responses organized into a comprehensive proposal, rationalize them (Objectives 3, 4 & 5)</div> <div>4. effectively communicate the proposals through alternative media of communication techniques and simulation methods (Objective 4)</div>		
OUTLINE SYLLABUS <div><div>• Review of Planning and Design Literature</div><div>• Studio project on a ‘Strategic design intervention’ to a built environment affected by a current issue.</div><div>• The process of Problem Framing, Visioning, Strategy formulation and Rationalization.</div><div>• Methods of analysis and simulation</div></div>		
ASSESSMENT METHOD <div><div>• Continuous Assessment</div></div> Note: The Major Studio work of this module will be contributed by the other Modules, as indicated in respective modules outline and students will be assessed for their performance partially by this work.		

MODULE CODE SP2402	PLANNING THEORY II	LEVEL 2 SEMESTER 4
Minimum Norm	Compulsory (GPA)	
Number of Credits	02	
Lecture hours per semester	30	
Lecture hours per week	02	
Lab/Tutorials/Studio/Field Work per week	-	
Prerequisites	-	
LEARNING OBJECTIVES <ol style="list-style-type: none">1. To introduce procedural theories related to human settlement planning2. To introduce alternative planning approaches appropriate for different situations3. To understand the policies related to different scales of settlement planning		
LEARNING OUTCOMES <p>After completing the module students will be able to:</p> <ol style="list-style-type: none">1. develop broad understanding of different approaches to planning (Objective 1)2. develop normative viewpoint on the procedural planning theories (Objective 1)3. develop debate on different planning approaches (Objective 2)4. Interpret the policies of 'Integrated Planning' of human settlements. (Objective 3)5. review different types of plans and policies (Objective 3)		
OUTLINE SYLLABUS <ul style="list-style-type: none">• Alternative approaches to planning• Introduction to strategic planning• Types of plans• Policy framework for the convergence of local authority functions & the plan• National physical planning policy & its compliance to regional & local plans• Planning methodology as a systems view in integrated planning• Active contribution of the knowledge acquired for SP2401 Spatial Planning & Design Studio II		
ASSESSMENT METHOD <ul style="list-style-type: none">• Written Examination• Continuous Assessment Note: <p>Major part of the Continuous Assessment will be carried out during SP2401 Spatial Planning & Design Studio II.</p>		

MODULE CODE SP2403	PLANNING TECHNIQUES	LEVEL 2 SEMESTER 4
Minimum Norm	Compulsory (GPA)	
Number of Credits	02	
Lecture hours per semester	30	
Lecture hours per week	02	
Lab/Tutorials/Studio/Field Work per week	-	
Prerequisites	-	
LEARNING OBJECTIVES <ol style="list-style-type: none">1. To demonstrate planning techniques as tools for rational decision making at different stages of planning process2. To illustrate the application of planning techniques in validating the analysis for problem solving situations in settlements.3. To demonstrate the simulation of planning techniques in virtual space.		
LEARNING OUTCOMES <p>After completing the module students will be able to:</p> <ol style="list-style-type: none">1. apply appropriate planning techniques for rational decision making (Objectives 1 & 2)2. analyze a given problem situation applying appropriate planning techniques (Objectives 1,2 & 3)		
OUTLINE SYLLABUS <ul style="list-style-type: none">• Introduction to planning techniques• Methodology and application of planning techniques (SWOT analysis/Sieve Map technique/ Gaming/Potential Surface technique/Delphi Method/AHP/Costs Benefits analysis/ Network analysis and Critical path method, etc)• Evaluation of planning goals and strategies using planning techniques• Active contribution of the knowledge acquired for SP2401 Spatial Planning & Design Studio II		
ASSESSMENT METHOD <ul style="list-style-type: none">• Continuous Assessment <p>Note:</p> <p>Major part of the Continuous Assessment will be carried out during SP2401 Spatial Planning & Design Studio II.</p>		

MODULE CODE SP2404	REAL ESTATE DEVELOPMENT	LEVEL 2 SEMESTER 4
Minimum Norm	Compulsory (GPA)	
Number of Credits	02	
Lecture hours per semester	30	
Lecture hours per week	02	
Lab/Tutorials/Studio/Field Work per week	-	
Prerequisites	-	
LEARNING OBJECTIVES <div><div></div><div>1. To explain the economic principles underlining investment decision making</div><div>2. To introduce techniques and methodologies underpinning the investment appraisal and valuation</div><div>3. To discuss on how assets can enhance revenue for development by alternative valuation and tax methods</div></div>		
LEARNING OUTCOMES After completing the module students will be able to: <div><div></div><div>1. value property from the perspectives of owners and occupiers (Objectives 1 & 2)</div><div>2. select the best land for a development purpose by comparing alternative lands & considering the potentials and merits of lands (Objective 3)</div><div>3. prepare an inventory of the assets base of land and buildings in a Local Authority (Objective 3)</div><div>4. prepare a proposal to increase the revenue of a Local Authority through innovative valuation and tax methods based on a selected category of property (Objective 3)</div></div>		
OUTLINE SYLLABUS <div><div></div><div><div>• Role of real estate in national development</div><div>• Real estate development process</div><div>• Basic property valuation principles & methods of valuation</div><div>• Valuation and taxing in Sri Lanka: procedures, challenges and way forward</div><div>• Property law</div><div>• Active contribution of the knowledge acquired for SP2401 Spatial Planning & Design Studio II</div></div></div>		
ASSESSMENT METHOD <div><div></div><div><div>• Written Examination</div><div>• Continuous Assessment</div></div></div> Note: Major part of the Continuous Assessment will be carried out during SP2401 Spatial Planning & Design Studio II.		

MODULE CODE SP2405	ENVIRONMENTAL ASSESSMENT II	LEVEL 2 SEMESTER 4
Minimum Norm	Compulsory (GPA)	
Number of Credits	02	
Lecture hours per semester	30	
Lecture hours per week	02	
Lab/Tutorials/Studio/Field Work per week	-	
Prerequisites	-	
LEARNING OBJECTIVES 1. To develop analytical knowledge on environmental assessment methods. 2. To predict environmental impacts of projects, plans and programmes.		
LEARNING OUTCOMES After completing the module students will be able to: 1. prepare the EIA and SEA reports for proposed projects and plans (Objectives 1 & 2)		
OUTLINE SYLLABUS <ul style="list-style-type: none">Prediction and assessment of the impacts on air surface water, soil, ground water, noise, and biological and socio economic environment.Environmental modeling techniquesAssessment methods of alternative mitigation measures.Active contribution of the knowledge acquired for SP2401 Spatial Planning & Design Studio II		
ASSESSMENT METHOD <ul style="list-style-type: none">Continuous Assessment Note: Major part of the Continuous Assessment will be carried out during SP2401 Spatial Planning & Design Studio II.		

MODULE CODE SP2406	ENVIRONMENTAL INFRASTRUCTURE	LEVEL 2 SEMESTER 4
Minimum Norm		Compulsory (GPA)
Number of Credits		02
Lecture hours per semester		30
Lecture hours per week		02
Lab/Tutorials/Studio/Field Work per week		-
Prerequisites		-
LEARNING OBJECTIVES <ol style="list-style-type: none"> 1. To understand the theoretical concepts on environmental infrastructure systems. 2. To plan the appropriate infrastructure planning solution for environmental issues. 		
LEARNING OUTCOMES <p>After completing the module students will be able to:</p> <ol style="list-style-type: none"> 1. identify sustainable environmental infrastructure solutions at urban scale (Objective 1) 2. plan and design the appropriate management solution for drinking water, wastewater, storm water and solid waste (Objectives 1 & 2) 		
OUTLINE SYLLABUS <ul style="list-style-type: none"> • Water distribution system • Sanitary sewer system • Waste water treatment and disposal • Storm water management • Municipal land hazardous waste management • Active contribution of the knowledge acquired for SP2401 Spatial Planning & Design Studio II 		
ASSESSMENT METHOD <ul style="list-style-type: none"> • Continuous Assessment <p>Note: Major part of the Continuous Assessment will be carried out during SP2401 Spatial Planning & Design Studio II.</p>		

MODULE CODE SP2407	SOCIAL JUSTICE IN PLANNING	LEVEL 2 SEMESTER 4
Minimum Norm	Compulsory (GPA)	
Number of Credits	02	
Lecture hours per semester	30	
Lecture hours per week	02	
Lab/Tutorials/Studio/Field Work per week	-	
Prerequisites	-	
LEARNING OBJECTIVES <ol style="list-style-type: none">1. To understand the concepts and principles of social justice and social equity in urban planning.2. To illustrate “social inclusion” as against “social exclusion”3. To demonstrate how human settlements are structured under mainstream economic forces and dominant social structures such as gender, race, class, and religious conviction.		
LEARNING OUTCOMES <p>After completing the module students will be able to:</p> <ol style="list-style-type: none">1. sensitive to the diversity and heterogeneity of the society in their professional practice (Objective 1)2. understand how human settlements have been shaped up by socio-economic conditions (Objective 2)3. formulate strategies to address the issues of the marginalized communities such as the people who live in slums, informal vendors in the streets, indigenous communities, and urban migrants (Objective 3)4. form planning and building regulations to ensure equal access of the physically and visually disabled (Objectives 1 & 2)		
OUTLINE SYLLABUS <ul style="list-style-type: none">• Social justice in urban and regional planning• Advocacy in planning and inclusive cities• Planning in multicultural societies• Gender negotiation in space• Age and ageing implications in planning• Micro – planning techniques for the socially disadvantaged in cities• Active contribution of the knowledge acquired for SP2401 Spatial Planning & Design Studio II		
ASSESSMENT METHOD <ul style="list-style-type: none">• Written Examination• Continuous Assessment <p>Note:</p> <p>Major part of the Continuous Assessment will be carried out during SP2401 Spatial Planning & Design Studio II.</p>		

MODULE CODE SP2408	DEMOGRAPHY IN PLANNING	LEVEL 2 SEMESTER 4
Minimum Norm	Compulsory (GPA)	
Number of Credits	02	
Lecture hours per semester	30	
Lecture hours per week	02	
Lab/Tutorials/Studio/Field Work per week	-	
Prerequisites	-	
LEARNING OBJECTIVES <ol style="list-style-type: none">1. To understand the concepts and theories of demography2. To illustrate application of demographic measures in policy formulation and human settlement planning3. To illustrate the application of models of population projection and forecasting		
LEARNING OUTCOMES <p>After completing the module students will be able to:</p> <ol style="list-style-type: none">1. define and interpret the applicability of concepts, theories and measures of demography in different contexts (Objectives 1, 2 & 3)2. formulate a Demographic Profile for a given area (Objectives 1, 2 & 3)3. forecast populations for different scenarios of development strategies (Objective 3)		
OUTLINE SYLLABUS <ul style="list-style-type: none">• Introduction to demography in Planning• Demographic measures of population composition• Concepts and measures of Fertility/ Mortality/ Migration/ Nuptiality/ Social Mobility• Demographic transition theory• Population forecasting models /Sub population estimates• Population projection models• Active contribution of the knowledge acquired for SP2401 Spatial Planning & Design Studio II		
ASSESSMENT METHOD <ul style="list-style-type: none">• Written Examination• Continuous Assessment <p>Note:</p> <p>Major part of the Continuous Assessment will be carried out during SP2401 Spatial Planning & Design Studio II.</p>		

MODULE CODE SP2409	GEO-SPATIAL ANALYSIS	LEVEL 2 SEMESTER 4
Minimum Norm		Compulsory (GPA)
Number of Credits		01
Lecture hours per semester		45
Lecture hours per week		-
Lab/Tutorials/Studio/Field Work per week		03
Prerequisites		-
LEARNING OBJECTIVES <ol style="list-style-type: none"> 1. To develop a comprehensive understanding of the theories, concepts and assumptions of spatial analysis methods. 2. To develop an ability to identify and apply appropriate analytical tools for problem solving 3. To develop knowledge to interpret and present the results of spatial analysis of a context. 		
LEARNING OUTCOMES After completing the module students will be able to: <ol style="list-style-type: none"> 1. describe principles and methods to analyze a set of spatial data (Objective 1) 2. design spatial models to analyze a given phenomenon (Objective 2) 3. evaluate, interpret and present the results of spatial analysis of a context. (Objective 3) 		
OUTLINE SYLLABUS <ul style="list-style-type: none"> • Conceptual framework for spatial analysis • Introduction to spatial analysis methodologies • Surface Analysis and Network Analysis • Spatial Interpolation and Spatial Statistics • Temporal Analysis • Spatial Modeling • Active contribution of the knowledge acquired for SP2401 Spatial Planning & Design Studio II 		
ASSESSMENT METHOD <ul style="list-style-type: none"> • Continuous Assessment Note: Major part of the Continuous Assessment will be carried out during SP2401 Spatial Planning & Design Studio II.		

MODULE CODE SPD2410	SPORTS	LEVEL 2 SEMESTER 4
Minimum Norm	Compulsory (NGPA)	
Number of Credits	01	
Lecture hours per semester	45	
Lecture hours per week	-	
Lab/Tutorials/Studio/Field Work per week	03	
Prerequisites	-	
LEARNING OBJECTIVES <div><div></div><div>1. To develop the attitudes towards healthier life.</div><div>2. To develop knowledge on the fundamentals of physical fitness.</div><div>3. To provoke synergy of the state of the mind and body.</div></div>		
LEARNING OUTCOMES After completing the module students will be able to: <div><div></div><div>1. prepare a physical fitness programme. (Objectives 1,2 & 3)</div><div>2. practice proper physical fitness exercises on daily basis (Objectives 1,2 & 3)</div><div>3. conduct seminars and Workshops on the importance of physical fitness. (Objectives 1,2 & 3)</div></div>		
OUTLINE SYLLABUS <div><div></div><div>• Basic concepts of physical fitness</div><div>• Principles of healthier living</div><div>• Food and eating habits</div><div>• Synergy of mind and body</div></div>		
ASSESSMENT METHOD <div><div></div><div>• Continuous Assessment</div></div>		

Level Three - Semester Five
Course Modules

Synthesis Stage

MODULE CODE SP3501	REGIONAL PLANNING AND DESIGN STUDIO	LEVEL 3 SEMESTER 5
Minimum Norm	Compulsory (GPA)	
Number of Credits	07	
Lecture hours per semester	225	
Lecture hours per week	03	
Lab/Tutorials/Studio/Field Work per week	12	
Prerequisites	-	
LEARNING OBJECTIVES <div><div></div><div>1. To understand the concept of "region"</div><div>2. To make observations related to a given problem situation at a macro level spatial context</div><div>3. To analyze region and its context in the forms of systems, network, processes and patterns</div><div>4. To formulate the spatial planning and design policies at the macro spatial context</div></div>		
LEARNING OUTCOMES After completing the module students will be able to: <div><div></div><div>1. demonstrate an understanding of regional and landscape theories and concepts (Objective 1).</div><div>2. record, analyze and interpret the spatial organization of a region (Objectives 2 & 3).</div><div>3. address a problem situation at a regional context and formulate strategic design solutions (Objective 4).</div></div>		
OUTLINE SYLLABUS <div><div></div><div><div>• Review of Planning and Design Literature</div><div>• Methods and techniques of spatial analysis and simulation</div><div>• Studio exercises in recording, analysis and strategic design interventions in selected urban settings</div></div></div>		
ASSESSMENT METHOD <div><div></div><div><div>• Continuous Assessment</div></div></div>		
Note: The Major Studio work of this module will be contributed by the other Modules, as indicated in respective modules outline and students will be assessed for their performance partially by this work.		

MODULE CODE SP3502	REGIONAL PLANNING THEORY	LEVEL 3 SEMESTER 5
Minimum Norm	Compulsory (GPA)	
Number of Credits	02	
Lecture hours per semester	30	
Lecture hours per week	02	
Lab/Tutorials/Studio/Field Work per week	-	
Prerequisites	-	
LEARNING OBJECTIVES 1. To understand concepts, theories, analytical techniques and statutory framework in regional planning.		
LEARNING OUTCOMES After completing the module students will be able to: 1. apply regional analysis techniques to elaborate the form and the functionality of a given regional context (Objective 1) 2. carryout boundary delineation in a regional context using appropriate methodology (Objective 1) 3. formulate strategic framework to address regional issues (Objective 1)		
OUTLINE SYLLABUS <ul style="list-style-type: none">• Conceptualization of a region, its form, constituents and functions• Alternative spatial analysis techniques and methods in a regional scale• Alternative regional planning approaches• Regional planning at cross-cultural contexts• Regionalization of cities• Statutory aspects and institutions pertaining to regional planning• Active contribution of the knowledge acquired for SP3501 Regional Planning & Design Studio		
ASSESSMENT METHOD <ul style="list-style-type: none">• Written Examination• Continuous Assessment Note: Major part of the Continuous Assessment will be carried out during SP3501 Regional Planning & Design Studio.		

MODULE CODE SP3503	DEVELOPMENT ECONOMICS	LEVEL 3 SEMESTER 5
Minimum Norm	Compulsory (GPA)	
Number of Credits	02	
Lecture hours per semester	30	
Lecture hours per week	02	
Lab/Tutorials/Studio/Field Work per week	-	
Prerequisites	-	
LEARNING OBJECTIVES <div><div></div><div><div></div><div></div><div></div></div></div> <div><div></div><div></div><div></div></div> <div><div></div><div></div><div></div></div> <div><div></div><div></div><div></div></div> <div><div></div><div></div><div></div></div> <div><div></div><div></div><div></div></div> <div><div></div><div></div><div></div></div> <div><div></div><div></div><div></div></div> <div><div></div><div></div><div></div></div> <div><div></div><div></div><div></div></div> <div><div></div><div></div><div></div></div> <div><div></div><div></div><div></div></div> <div><div></div><div></div><div></div></div> <div><div></div><div></div><div></div></div> <div><div></div><div></div><div></div></div> <div><div></div><div></div><div></div></div> <div><div></div><div></div><div></div></div> <div><div></div><div></div><div></div></div> <div><div></div><div></div><div></div></div> <div><div></div><div></div><div></div></div> <div><div></div><div></div><div></div></div> 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MODULE CODE SP3504	LAND MANAGEMENT AND RESETTLEMENT	LEVEL 3 SEMESTER 5
Minimum Norm	Compulsory (GPA)	
Number of Credits	02	
Lecture hours per semester	30	
Lecture hours per week	02	
Lab/Tutorials/Studio/Field Work per week	-	
Prerequisites	-	
LEARNING OBJECTIVES <ol style="list-style-type: none">1. To demonstrate different tools and techniques in effectively managing land and constructing and managing a resettlement plan.2. To distinguish appropriate resettlement process and strategies3. To propose a process and plan for resettlement costs		
LEARNING OUTCOMES <p>After completing the module students will be able to:</p> <ol style="list-style-type: none">1. appraise the land management techniques and good practices in land development (Objective 1)2. prepare resettlement action plan (Objectives 2 &3)		
OUTLINE SYLLABUS <ul style="list-style-type: none">• Land management concepts, techniques and process• Principles of resettlements• Risks associated with land acquisition and resettlement• Different strategies of resettlement & rehabilitation• Land tenure systems and land administration• History and lessons of resettlement from national and international cases• Active contribution of the knowledge acquired for SP3501 Regional Planning & Design Studio		
ASSESSMENT METHOD <ul style="list-style-type: none">• Continuous Assessment <p>Note:</p> <p>Major part of the Continuous Assessment will be carried out during SP3501 Regional Planning & Design Studio.</p>		

MODULE CODE SP3505	DISASTER MANAGEMENT	LEVEL 3 SEMESTER 5
Minimum Norm	Compulsory (GPA)	
Number of Credits	02	
Lecture hours per semester	30	
Lecture hours per week	02	
Lab/Tutorials/Studio/Field Work per week	-	
Prerequisites	-	
LEARNING OBJECTIVES 1. To develop knowledge on the risk and vulnerability in the disaster prone areas 2. To obtain skills for the disaster management plan making at a given context		
LEARNING OUTCOMES After completing the module students will be able to: 1. assess the risk and the vulnerability of human settlements (Objective 1) 2. prepare a disaster management plan for resilient human settlement (Objective 2)		
OUTLINE SYLLABUS • Phenomena and processes of natural disasters • Hazard, vulnerability, risk and exposure to disasters • Risk management approaches • Active contribution of the knowledge acquired for SP3501 Regional Planning & Design Studio		
ASSESSMENT METHOD • Written Examination • Continuous Assessment Note: Major part of the Continuous Assessment will be carried out during SP3501 Regional Planning & Design Studio.		

MODULE CODE SP3506	REGIONAL INFRASTRUCTURE PLANNING	LEVEL 3 SEMESTER 5
Minimum Norm	Compulsory (GPA)	
Number of Credits	02	
Lecture hours per semester	30	
Lecture hours per week	02	
Lab/Tutorials/Studio/Field Work per week	-	
Prerequisites	-	
LEARNING OBJECTIVES <ol style="list-style-type: none">1. To understand the importance of regional infrastructure Planning and Management2. To apply systems approach to Infrastructure Planning3. To assess the impact of Regional infrastructure development and management4. To formulate Spatial Organization for Multipurpose Infrastructure Planning		
LEARNING OUTCOMES <p>After completing the module students will be able to:</p> <ol style="list-style-type: none">1. analyze the asses the regional infrastructure systems (Objectives 1 & 2)2. plan and design the regional infrastructure systems as catalyst for promoting of sustainable development of the region (Objectives 3 & 4)		
OUTLINE SYLLABUS <ul style="list-style-type: none">• Planning and designing of integrated infrastructure systems• Planning and designing the transport corridors/ road, rail• Airport, sea port• Regional infrastructure projects in energy, telecommunication, water, etc• Active contribution of the knowledge acquired for SP3501 Regional Planning & Design Studio		
ASSESSMENT METHOD <ul style="list-style-type: none">• Continuous Assessment <p>Note:</p> <p>Major part of the Continuous Assessment will be carried out during SP3501 Regional Planning & Design Studio.</p>		

MODULE CODE SP3507	HOUSING POLICY & SYSTEMS	LEVEL 3 SEMESTER 5
Minimum Norm	Elective (GPA)	
Number of Credits	02	
Lecture hours per semester	30	
Lecture hours per week	02	
Lab/Tutorials/Studio/Field Work per week	-	
Prerequisites	-	
LEARNING OBJECTIVES <ol style="list-style-type: none">1. To demonstrate the evolution of housing policy and key areas of current housing policy in Sri Lanka2. To examine housing system and policy debate in Sri Lanka and beyond3. To identify the role of the state in housing development4. To express key issues in relation to the role of housing in society		
LEARNING OUTCOMES <p>After completing the module students will be able to:</p> <ol style="list-style-type: none">1. interpret issues relating to housing policy (Objective 1)2. demonstrate housing system in Sri Lanka (Objective 2)3. identify the ways in which governments have influenced the quantity, quality and location of housing supply in the past. (Objectives 1,2 & 3)4. examine how housing development are financed and managed underlining housing sustainability (Objective 4)		
OUTLINE SYLLABUS <ul style="list-style-type: none">• Institutional reforms and evolution of housing policy• Housing in Sri Lanka; policy, contemporary practices and challenges• Key issues in relation to the role of housing in society - homeless people, disabled people, and people from minority ethnic groups etc.• Relationship of housing policy to wider economic, political and social structures• Participatory approaches and community- led housing• Role of third sector in Housing• Housing finance and investment options and Rental housing• Active contribution of the knowledge acquired for SP3501 Regional Planning & Design Studio		
ASSESSMENT METHOD <ul style="list-style-type: none">• Written Examination• Continuous Assessment <p>Note:</p> <p>Major part of the Continuous Assessment will be carried out during SP3501 Regional Planning & Design Studio.</p>		

MODULE CODE SP3508	REMOTE SENSING II	LEVEL 3 SEMESTER 5
Minimum Norm	Elective (GPA)	
Number of Credits	02	
Lecture hours per semester	60	
Lecture hours per week	01	
Lab/Tutorials/Studio/Field Work per week	03	
Prerequisites	Prior knowledge on Remote Sensing I	
LEARNING OBJECTIVES 1. To develop advanced knowledge and skills in analyzing remotely sensed data 2. To use Remote Sensing for spatial applications		
LEARNING OUTCOMES After completing the module students will be able to: 1. use appropriate remote sensing data and processing methods to solve spatial problems (Objectives 1 & 2)		
OUTLINE SYLLABUS <ul style="list-style-type: none">• Applications of spectral analysis - Vegetation, Water, Soil, Geomorphology• Remote Sensing for urban landscape analysis• Remote Sensing in disaster management• Microwave Remote Sensing Applications• Active contribution of the knowledge acquired for SP3501 Regional Planning & Design Studio		
ASSESSMENT METHOD <ul style="list-style-type: none">• Continuous Assessment Note: Major part of the Continuous Assessment will be carried out during SP3501 Regional Planning & Design Studio.		

MODULE CODE SP3509	PLANNING MODELS	LEVEL 3 SEMESTER 5
Minimum Norm	Compulsory (GPA)	
Number of Credits	02	
Lecture hours per semester	30	
Lecture hours per week	02	
Lab/Tutorials/Studio/Field Work per week	-	
Prerequisites	-	
LEARNING OBJECTIVES 1. To comprehend planning models as a tool in spatial planning. 2. To employ the applications of planning models in decision making related to a given context		
LEARNING OUTCOMES After completing the module students will be able to: 1. apply appropriate planning models for different scenarios (Objectives 1 & 2) 2. evaluate planning strategies in a given context (Objectives 1 & 2)		
OUTLINE SYLLABUS • Introduction to planning models • Principles in model building • Context specific types of planning models (Linear programming Model/ Gravity model/ Hanson's Gravity model/ single constrained gravity model/Lawry model/ Urban sprawl models etc) • Computer based applications of models • Active contribution of the knowledge acquired for SP3501 Regional Planning & Design Studio		
ASSESSMENT METHOD • Written Examination • Continuous Assessment Note: Major part of the Continuous Assessment will be carried out during SP3501 Regional Planning & Design Studio.		

MODULE CODE SP3510	SOCIAL WORK	LEVEL 3 SEMESTER 5
Minimum Norm	Compulsory (NGPA)	
Number of Credits	01	
Lecture hours per semester	45	
Lecture hours per week	-	
Lab/Tutorials/Studio/Field Work per week	03	
Prerequisites	-	
LEARNING OBJECTIVES <div><div></div><div>1. To develop social consciousness and ability of team working</div><div>2. To demonstrate social responsibility and hands-on practice of problem solving in a given community</div></div>		
LEARNING OUTCOMES After completing the module students will be able to: <div><div></div><div>1. identify the community needs of socially disadvantaged groups (Objectives 1 & 2)</div><div>2. understand the social responsibilities and address the issues of a given community(Objectives 1 & 2)</div></div>		
OUTLINE SYLLABUS <div><div></div><div><div>• Introduction to variety of social Work</div><div>• Principles of social communication</div><div>• Techniques of understanding the attributes of a target community</div><div>• Logic of creativity in society</div><div>• Participatory patterns of social interaction</div></div></div>		
ASSESSMENT METHOD <div><div></div><div><div>• Continuous Assessment</div></div></div>		

Level Three - Semester Six Course Modules

Synthesis Stage

MODULE CODE SP3601	URBAN PLANNING AND DESIGN STUDIO	LEVEL 3 SEMESTER 6
Minimum Norm	Compulsory (GPA)	
Number of Credits	07	
Lecture hours per semester	225	
Lecture hours per week	03	
Lab/Tutorials/Studio/Field Work per week	12	
Prerequisites	-	
LEARNING OBJECTIVES <ol style="list-style-type: none">1. To develop a wider awareness on urban design discourse through investigations of theories and concepts.2. To orient in a design approach towards addressing issues in a locality.3. To illustrate the urban planning and design process and its application within the statutory framework.4. To identify and develop strategic action projects for the development of a locality.5. To train in using methods and techniques of micro level spatial analysis and synthesis		
LEARNING OUTCOMES <p>After completing the module students will be able to:</p> <ol style="list-style-type: none">1. demonstrate a wider awareness on contemporary urban design discourse. (Objective 1)2. approach to a given problem situation in an urban area through a design orientation. (Objective 2)3. acquire a comprehensive understanding on the statutory framework and institutional setting of preparing plan for an urban locality (Objective 3 & 4).4. demonstrate skills in analysis and synthesizing space at urban scale (Objective 5).		
OUTLINE SYLLABUS <ul style="list-style-type: none">• Discussions on Urban Design theories & concepts• Policies and statues of Urban Design and Urbanism• Urban Design case studies• Studio exercises of conceptualizing, analysis and strategic design interventions in a selected local setting		
ASSESSMENT METHOD <ul style="list-style-type: none">• Continuous Assessment <p>Note:</p> <p>The Major Studio work of this module will be contributed by the other Modules, as indicated in respective modules outline and students will be assessed for their performance partially by this work.</p>		

MODULE CODE SP3602	CITIES AND URBAN FORMS	LEVEL 3 SEMESTER 6
Minimum Norm	Compulsory (GPA)	
Number of Credits	02	
Lecture hours per semester	30	
Lecture hours per week	02	
Lab/Tutorials/Studio/Field Work per week	-	
Prerequisites	-	
LEARNING OBJECTIVES 1. To develop a discourse on contemporary issues related to Cities, their Environments, their Users and Planning 2. To understand different urban forms and their compositions at different scales 3. To analyze urban spaces, their context and issues related to their form		
LEARNING OUTCOMES After completing the module students will be able to: 1. ability to comprehend the contemporary city environments and their issues viewing from multiple perspectives (Objectives 1, 2 & 3) 2. interpret urban areas and their constituents through theories of urban form (Objectives 2 & 3)		
OUTLINE SYLLABUS • Theories of Urban Form and Spatial Organization • Urban Morphology and Complexity • Contemporary Urban Issues and their implications on Planning • Methods and Techniques of simulation of urban space • Theoretical Interpretation of a Micro Scale Urban Situation • Active contribution of the knowledge acquired for SP3601 Urban Planning & Design Studio		
ASSESSMENT METHOD • Continuous Assessment Note: Major part of the Continuous Assessment will be carried out during SP3601 Urban Planning & Design Studio.		

MODULE CODE SP 3605	ECO SENSITIVE PLANNING & DESIGN	LEVEL 3 SEMESTER 6
Minimum Norm	Elective (GPA)	
Number of Credits	02	
Lecture hours per semester	30	
Lecture hours per week	02	
Lab/Tutorials/Studio/Field Work per week	-	
Prerequisites	-	
LEARNING OBJECTIVES 1. To develop knowledge and skills on ecological sensitive spatial planning applications.		
LEARNING OUTCOMES After completing the module students will be able to: 1. explain the innovative ecological discourses (Objective 1) 2. apply sustainable principles in spatial planning practices (Objective 1)		
OUTLINE SYLLABUS <ul style="list-style-type: none">Environmental sustainable discoursesEnvironment sensitive practices in spatial planningCase study of eco sensitive planning practicesActive contribution of the knowledge acquired for SP3601 Urban Planning & Design Studio		
ASSESSMENT METHOD <ul style="list-style-type: none">Continuous Assessment Note: Major part of the Continuous Assessment will be carried out during SP3601 Urban Planning & Design Studio.		

MODULE CODE SP 3606	URBAN INFRASTRUCTURE	LEVEL 3 SEMESTER 6
Minimum Norm	Compulsory (GPA)	
Number of Credits	02	
Lecture hours per semester	30	
Lecture hours per week	02	
Lab/Tutorials/Studio/Field Work per week	-	
Prerequisites	-	
LEARNING OBJECTIVES 1. To understand the theoretical background of urban infrastructure design. 2. To Analyze and manage the urban infrastructure issues		
LEARNING OUTCOMES After completing the module students will be able to: 1. manage urban infrastructure issues through spatial design (Objective 1) 2. design the infrastructure network (Transportation, Water, Sanitation, etc) (Objectives 1 & 2)		
OUTLINE SYLLABUS <ul style="list-style-type: none">Design urban transport infrastructure system (Geometric design, capacity and safety, Level of service, Parking facilities; pedestrians paths, cyclists and disabled people, etc) at site levelDesign sanitary facilities at site levelActive contribution of the knowledge acquired for SP3601 Urban Planning & Design Studio		
ASSESSMENT METHOD <ul style="list-style-type: none">Continuous Assessment Note: Major part of the Continuous Assessment will be carried out during SP3601 Urban Planning & Design Studio.		

MODULE CODE SP3607	PARTICIPATORY PLANNING	LEVEL 3 SEMESTER 6
Minimum Norm	Compulsory (GPA)	
Number of Credits	02	
Lecture hours per semester	60	
Lecture hours per week	01	
Lab/Tutorials/Studio/Field Work per week	03	
Prerequisites	-	
LEARNING OBJECTIVES		
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MODULE CODE SP3608	PROGRAMMING GIS	LEVEL 3 SEMESTER 6
Minimum Norm	Elective (GPA)	
Number of Credits	02	
Lecture hours per semester	60	
Lecture hours per week	01	
Lab/Tutorials/Studio/Field Work per week	03	
Prerequisites	Prior knowledge on Remote Sensing I & II, SIS and Geo-Spatial Analysis	
LEARNING OBJECTIVES 1. To apply the SIS and RS fundamentals in developing new urban planning tools. 2. To demonstrate application of programming tools to integrate spatial applications.		
LEARNING OUTCOMES After completing the module students will be able to: 1. customize the GIS applications to meet the requirements (Objectives 1 & 2) 2. develop new computer based applications to support the urban analysis process. (Objectives 1 & 2)		
OUTLINE SYLLABUS <ul style="list-style-type: none">Pseudo Coding / Flow chatsPython BasicsUsing Python LibrariesRaster ProgrammingVector Programming		
ASSESSMENT METHOD <ul style="list-style-type: none">Continuous Assessment		

MODULE CODE SP 3609	URBAN ECONOMICS	LEVEL 3 SEMESTER 6
Minimum Norm	Elective (GPA)	
Number of Credits	02	
Lecture hours per semester	30	
Lecture hours per week	02	
Lab/Tutorials/Studio/Field Work per week	-	
Prerequisites	-	
LEARNING OBJECTIVES 1. To incorporate economics in analyzing the function of an urban economy 2. To examine the economic dimension of urban issues in the contemporary city		
LEARNING OUTCOMES After completing the module students will be able to: 1. identify the drivers and dynamics of an urban economy in the context of urbanization (Objective 1) 2. formulate the problems and prospects prevailing in urban economies. (Objective 2) 3. propose appropriate planning interventions in enhancing and managing the urban economy in a city (Objectives 1 & 2)		
OUTLINE SYLLABUS • Market forces and city: why cities exist and where do cities develop? • Theories and trends of urbanization • Urban economic growth: role of trade, productivity, capital, labour market • Growth of contemporary city: Suburbanization and Sprawling • Urbanization and patterns of urban growth in Sri Lanka • Managing urban growth: planning interventions and its implications • Urban informality and the city economy • Urban Transportation economics • Active contribution of the knowledge acquired for SP3601 Urban Planning & Design Studio		
ASSESSMENT METHOD • Written Examination • Continuous Assessment Note: Major part of the Continuous Assessment will be carried out during SP3601 Urban Planning & Design Studio.		

MODULE CODE SP3610	EVENT MANAGEMENT	LEVEL 3 SEMESTER 6
Minimum Norm	Compulsory (NGPA)	
Number of Credits	01	
Lecture hours per semester	45	
Lecture hours per week	-	
Lab/Tutorials/Studio/Field Work per week	03	
Prerequisites	-	
LEARNING OBJECTIVES 1. To understand different types of events and practicality involve in planning an event 2. To organize, conduct and manage a planning event with a team		
LEARNING OUTCOMES After completing the module students will be able to: 1. develop confidence to work with other professionals and national / international scholars, practitioners and general public (Objective 2) 2. classify the types of public events related to planning and explain their role and contribution (Objective 1) 3. demonstrate the steps necessary to create a successful event (Objectives 1 & 2) 4. understand the ethics and protocols in public event management (Objectives 1 & 2)		
OUTLINE SYLLABUS <ul style="list-style-type: none">• Introduction to event planning & management process• Types of events and importance for planning• Event concept and theme development• Event marketing and advertising (communication plan)• Event budgeting and accounting• Prepare an event management plan• Venue management and organize the logistics• Ethics and protocols for public event		
ASSESSMENT METHOD <ul style="list-style-type: none">• Continuous Assessment Note: Annual World Town Planning Day Celebration		

MODULE CODE SP 3611	PROJECT FORMULATION, APPRAISAL AND MANAGEMENT	LEVEL 3 SEMESTER 6
Minimum Norm	Compulsory (GPA)	
Number of Credits	03	
Lecture hours per semester	45	
Lecture hours per week	03	
Lab/Tutorials/Studio/Field Work per week	-	
Prerequisites	-	
LEARNING OBJECTIVES 1. To explain the concept of project appraisal. 2. To illustrate the methods and techniques pertaining to project formulation & appraisal. 3. To apply different development appraisal methods and evaluate alternative development proposals		
LEARNING OUTCOMES After completing the module students will be able to: 1. identify potential development sites and propose an optimum development strategy (Objectives 1& 2) 2. use appropriate software to prepare project schedule to implement a project smoothly (Objectives 1& 2) 3. prepare project feasibility reports in conformity with physical, economic, environmental and social aspects of a proposed development (Objectives 2 & 3)		
OUTLINE SYLLABUS • Project and its attributes • Project planning and scheduling • Project appraisal methods • Methods and techniques for project risk analysis • Cash flow statements and project feasibility reports • Development appraisal issues and management failures • Active contribution of the knowledge acquired for SP3601 Urban Planning & Design Studio		
ASSESSMENT METHOD • Written Examination • Continuous Assessment Note: Major part of the Continuous Assessment will be carried out during SP3601 Urban Planning & Design Studio.		

MODULE CODE SP3612	PUBLIC PROJECT FINANCE	LEVEL 3 SEMESTER 6
Minimum Norm	Compulsory (GPA)	
Number of Credits	03	
Lecture hours per semester	45	
Lecture hours per week	03	
Lab/Tutorials/Studio/Field Work per week	-	
Prerequisites		
LEARNING OBJECTIVES 1. To explain the principles of annual budgeting at local, provincial and national government. 2. To illustrate alternative revenue sources to implement physical plans within the local governance framework 3. To discuss management aspects in relation to public finance such as management of public expenditure and revenue		
LEARNING OUTCOMES After completing the module students will be able to: 1. compose mandated sources of revenue generation (Objective 1 & 2) 2. reconcile the programmes & projects in the physical development plan with the budgetary process (Objectives 1,2 & 3)		
OUTLINE SYLLABUS <ul style="list-style-type: none">• Principles of annual budgeting at Local, Provincial and National Levels of government• Statutes governing local and provincial power over finance• Devolution of financial powers• Local authority accounting, budgeting and financial reporting• Local authority revenue and expenditure• Issues and challenges in local authority budget management• Participatory budgeting• Possibility and process of financing the urban planning projects• Active contribution of the knowledge acquired for SP3601 Urban Planning & Design Studio		
ASSESSMENT METHOD <ul style="list-style-type: none">• Written Examination• Continuous Assessment Note: Major part of the Continuous Assessment will be carried out during SP3601 Urban Planning & Design Studio.		

Level Four - Semester Seven
Course Modules

Product Stage

MODULE CODE SP4701	SITE PLANNING AND DESIGN STUDIO	LEVEL 4 SEMESTER 7
Minimum Norm		Compulsory (GPA)
Number of Credits		07
Lecture hours per semester		225
Lecture hours per week		03
Lab/Tutorials/Studio/Field Work per week		12
Prerequisites		-
LEARNING OBJECTIVES <ol style="list-style-type: none"> 1. To acquire knowledge in theories, concepts, formalities and procedures in planning a development project 2. To understand alternative aspects of a project that need to be considered and forces those are in operation in a development project 3. To develop strategic site planning and design solutions for a given development project 4. To acquire skills in the application of different tools and techniques in site planning 		
LEARNING OUTCOMES After completing the module students will be able to: <ol style="list-style-type: none"> 1. demonstrate a comprehensive understanding of the processes and proceedings involved in planning a development project (Objectives 1&2) 2. application of skills acquired in strategizing, designing, action planning and justification of a project into a ground situation. (Objectives 1, 2, 3 & 4) 		
OUTLINE SYLLABUS <ul style="list-style-type: none"> • A Studio exercise of planning and designing an action project, with a detail demonstration on the Institutional, Environmental, Financing, Regulatory and other processes. 		
ASSESSMENT METHOD <ul style="list-style-type: none"> • Continuous Assessment <p>Note: The Major Studio work of this module will be contributed by the other Modules, as indicated in respective modules outline and students will be assessed for their performance partially by this work.</p>		

MODULE CODE SP4702	URBAN REGENERATION	LEVEL 4 SEMESTER 7
Minimum Norm	Compulsory (GPA)	
Number of Credits	02	
Lecture hours per semester	30	
Lecture hours per week	02	
Lab/Tutorials/Studio/Field Work per week	-	
Prerequisites	-	
LEARNING OBJECTIVES <ol style="list-style-type: none">1. To illustrate the concept of obsolescence and regeneration of prime locations in cities and towns to create better quality of living environments2. To demonstrate urban regeneration as the process of revitalizing urban centers as key actors in the new global economy3. To demonstrate the backward and forward linkages of urban design in the regeneration process involving urban spaces and its relationships to property development4. To demonstrate urban planning as the means of enhancing economic competitiveness of cities and of its revenue base		
LEARNING OUTCOMES <p>After completing the module students will be able to:</p> <ol style="list-style-type: none">1. designate prime sites in the city using urban regeneration as a technique. (Objective 1)2. diagnose and review urban problems associated with a designated site. (Objectives 1 & 2)3. evaluate the possible interventions in a selected situation and generate strategies and methods of implementation (Objectives 2, 3 & 4)4. design the layout plan of the proposed new development, including its infrastructure network (Objectives 3 & 4)5. evaluate the proposal of an Urban Regeneration Project (Objectives 3,4 & 5)		
OUTLINE SYLLABUS <ul style="list-style-type: none">• Shifting themes in urban regeneration policy• City structure and its infrastructure Network• Ageing of city space and obsolesces• Urban regeneration & city competitiveness• Contemporary urban regeneration practices• Managing community led regeneration• Design policy and control, financing, etc.• Active contribution of the knowledge acquired for SP4701 Site Planning & Design Studio		
ASSESSMENT METHOD <ul style="list-style-type: none">• Continuous Assessment Note: <p>Major part of the Continuous Assessment will be carried out during SP4701 Site Planning & Design Studio.</p>		

MODULE CODE SP4706	URBAN CONSERVATION	LEVEL 4 SEMESTER 7
Minimum Norm	Elective (GPA)	
Number of Credits	02	
Lecture hours per semester	30	
Lecture hours per week	02	
Lab/Tutorials/Studio/Field Work per week	-	
Prerequisites	-	
LEARNING OBJECTIVES 1. To expose students into the critical urban conservation thinking that can be integrated in planning of cities 2. To develop an understanding of the theories and concepts of urban conservation		
LEARNING OUTCOMES After completing the module students will be able to: 1. express wide knowledge on contemporary urban conservation ideas and practices (Objective 1) 2. discuss, evaluate and make judgments on conservation and redevelopment situations (Objective 2)		
OUTLINE SYLLABUS • The Concept of Conservative Surgery • Authenticity and Sense of Place in Planning • Evolutionary Paradigm of Cities • Cultural Landscape of Cities • Learning from Case Studies • Active contribution of the knowledge acquired for SP4701 Site Planning & Design Studio		
ASSESSMENT METHOD • Continuous Assessment Note: Major part of the Continuous Assessment will be carried out during SP4701 Site Planning & Design Studio.		

MODULE CODE SP4707	WEB GIS	LEVEL 4 SEMESTER 7
Minimum Norm	Elective (GPA)	
Number of Credits	02	
Lecture hours per semester	60	
Lecture hours per week	01	
Lab/Tutorials/Studio/Field Work per week	03	
Prerequisites	-	
LEARNING OBJECTIVES 1. To apply the state-of-art technology in communicating spatial information.		
LEARNING OUTCOMES After completing the module students will be able to: 1. develop effective systems to communicate spatial information in planning. 2. demonstrate the skills in working on multiple platforms in spatial information communication.		
OUTLINE SYLLABUS <ul style="list-style-type: none">GeoServer / MapServerClient Side Scripting LanguagesClient Side and Server Side Libraries		
ASSESSMENT METHOD <ul style="list-style-type: none">Continuous Assessment		

MODULE CODE SP4709	ENVIRONMENTAL MANAGEMENT SYSTEMS	LEVEL 4 SEMESTER 7
Minimum Norm	Elective (GPA)	
Number of Credits	02	
Lecture hours per semester	30	
Lecture hours per week	02	
Lab/Tutorials/Studio/Field Work per week	-	
Prerequisites	-	
LEARNING OBJECTIVES 1. To introduce the planning and implementation of Environmental Management Systems (EMS) in local government and state settings. 2. To design environmental management strategies that reduce environmental impacts, optimize resource use, promote waste reduction and recycling, prevent pollution, and involve public stakeholders, leading to superior environmental and bottom-line performance speakers.		
LEARNING OUTCOMES After completing the module students will be able to: 1. use EMS in local government and state settings (Objective 1) 2. formulate effective environmental management strategies (Objective 2)		
OUTLINE SYLLABUS <ul style="list-style-type: none">• Energy audit and Environmental audit• ISO standards• Carbon trading (CDM) and Cleaner production• Waste management systems• Active contribution of the knowledge acquired for SP4701 Site Planning & Design Studio		
ASSESSMENT METHOD <ul style="list-style-type: none">• Written Examination• Continuous Assessment Note: Major part of the Continuous Assessment will be carried out during SP4701 Site Planning & Design Studio.		

MODULE CODE SP4712	RESEARCH METHODS	LEVEL 4 SEMESTER 7
Minimum Norm	Compulsory (GPA)	
Number of Credits	02	
Lecture hours per semester	30	
Lecture hours per week	02	
Lab/Tutorials/Studio/Field Work per week	-	
Prerequisites	-	
LEARNING OBJECTIVES <div><div></div><div><div>1. To develop an understanding of what is a research</div><div>2. To obtain knowledge to formulate hypotheses for a research</div><div>3. To illustrate sampling techniques in undertaking the field survey for a research study</div></div></div>		
LEARNING OUTCOMES After completing the module students will be able to: <div><div></div><div><div>1. cultivate an inquiry mind</div><div>2. explain the need and use of conduction researches</div><div>3. develop a research proposal</div><div>4. carry out a field survey for a research study</div><div>5. engage in an effective decision making applying appropriate techniques and models</div><div>6. write a research report</div></div></div>		
OUTLINE SYLLABUS <div><div></div><div><div>• Definition of research</div><div>• Study process and research design</div><div>• Literature survey of a selected research topic</div><div>• Research findings and analysis</div><div>• Research writing methods</div><div>• Research presentation</div><div>• Statistical Estimates</div><div>• Methods of quantitative data analysis</div><div>• Methods of qualitative data analysis</div></div></div>		
ASSESSMENT METHOD <div><div></div><div><div>• Continuous Assessment</div></div></div> Note: <div><div></div><div><div>• Major part of the Continuous Assessment will be carried out during SP4701 Site Planning & Design Studio</div></div></div>		

MODULE CODE SP4713	INDUSTRIAL TRAINING	LEVEL 4 SEMESTER 7
Minimum Norm	Compulsory (GPA)	
Number of Credits	05	
Lecture hours per semester	225	
Lecture hours per week	-	
Lab/Tutorials/Studio/Field Work per week	15	
Prerequisites	-	
LEARNING OBJECTIVES <div><div></div><div><div>1.</div><div>To get an exposure to the working environments in planning related agencies</div></div><div><div>2.</div><div>To participate in practical applications of the knowledge gained in planning related work</div></div></div>		
LEARNING OUTCOMES After completing the module students will be able to: <div><div></div><div><div>1.</div><div>apply the knowledge with the other professionals involved in the industry</div></div><div><div>2.</div><div>appraise office procedures, work environments and work ethics in planning and related agencies</div></div><div><div>3.</div><div>prepare practice-based research proposal for individual research project</div></div></div>		
OUTLINE SYLLABUS <div><div></div><div><div>•</div><div>Planner's role in planning offices</div></div><div><div>•</div><div>Actors framing public planning policies</div></div><div><div>•</div><div>Stakeholder influences in planning practice</div></div><div><div>•</div><div>Planning office procedures in practice</div></div><div><div>•</div><div>Professional ethics in practice</div></div><div><div>•</div><div>Professional report writing</div></div><div><div>•</div><div>Office culture and norms</div></div><div><div>•</div><div>Leadership and personality development at work</div></div><div><div>•</div><div>Practice-based research development</div></div><div><div>•</div><div>Work performance and diary maintenance</div></div><div><div>•</div><div>Organizational and planning skills</div></div><div><div>•</div><div>Conflict resolution protocol</div></div><div><div>•</div><div>Work stress management</div></div></div>		
ASSESSMENT METHOD <div><div></div><div><div>•</div><div>Continuous Assessment</div></div></div>		

Level Four - Semester Eight Course Modules

Product Stage

MODULE CODE SP4801 (a)	INDIVIDUALLY SUPERVISED RESEARCH PROJECT	LEVEL 4 SEMESTER 8
Minimum Norm		Compulsory (GPA)
Number of Credits		11
Lecture hours per semester		495
Lecture hours per week		-
Lab/Tutorials/Studio/Field Work per week		33
Prerequisites		-
LEARNING OBJECTIVES <ol style="list-style-type: none"> 1. To stimulate enquiry of a "Problem Statement" identified. 2. To develop knowledge on the basics of research methodology. 3. To demonstrate the practices of writing a research report. 4. To demonstrate the techniques of referencing source material. 		
LEARNING OUTCOMES <p>After completing the module students will be able to:</p> <ol style="list-style-type: none"> 1. develop familiarity with relevant literature (Objectives 1 & 2) 2. develop the research study in a logical structure and coherent form(Objectives 3 & 4) 		
OUTLINE SYLLABUS <ul style="list-style-type: none"> ▪ The Individually Supervised Research Study is to enable the Student to prepare in written form a research study in an area relevant to Town & Country Planning. It should consist of above 5000 words but may not exceed 7500 words. It should reflect the student's ability to complete a research and analysis exercise, and also to write it up in a coherent form. Further, it should be adequate in its methodology. The student will be assigned a Principal Supervisor for guidance during the research study. 		
ASSESSMENT METHOD <ul style="list-style-type: none"> • Continuous Assessment and a major presentation 		

MODULE CODE SP4801 (b)	COMPREHENSIVE DEVELOPMENT PROJECT PROPOSAL	LEVEL 4 SEMESTER 8
Minimum Norm	Compulsory (GPA)	
Number of Credits	11	
Lecture hours per semester	495	
Lecture hours per week	-	
Lab/Tutorials/Studio/Field Work per week	33	
Prerequisites	-	
LEARNING OBJECTIVES <ol style="list-style-type: none">1. To comprehend of a given situation and frame the problematic2. To Identify methods of simulation and analysis of the problem situation3. To develop the capacity of visioning and identification of strategic interventions4. To demonstrate methods and techniques of communication of a strategic planning intervention for a given problem situation		
LEARNING OUTCOMES <p>After completing the module students will be able to:</p> <ol style="list-style-type: none">1. demonstrate the capacity to explore, comprehend, interpret and simulate a given problem situation (Objectives 1 & 2)2. exhibit innovative approaches towards addressing a given problem situation in planning (Objectives 3 & 4)		
OUTLINE SYLLABUS <p>A Design project that involves a strong Urban Design/ Regional or local Planning/ Urban Management / Infrastructure / etc, component that involves the exploration of a particular spatial entity (city, locality, region, etc), simulation of it, identify the problems and root causes of the problems, development of a proposal to address such problems and their roots in an innovative design approach. It is required to present the design solutions through any mode of communication, including a project report. The presentation and the report shall reflect the Student's capacity to comprehend, interpret, innovate, justify and effectively communicate the project. The Student will be assigned a Principal Supervisor and a tutor for the guidance during the project.</p>		
ASSESSMENT METHOD <ul style="list-style-type: none">• Continuous Assessment and a major presentation		

MODULE CODE SP4803	EFFECTIVE WRITING	LEVEL 4 SEMESTER 8
Minimum Norm	Compulsory (GPA)	
Number of Credits	01	
Lecture hours per semester	15	
Lecture hours per week	01	
Lab/Tutorials/Studio/Field Work per week	-	
Prerequisites	-	
LEARNING OBJECTIVES 1. To demonstrate method of illustrating references and bibliographies in a research paper or report 2. To develop understanding of writing a research paper		
LEARNING OUTCOMES After completing the module students will be able to: 1. write reports effectively using appropriate tone and language 2. articulate claims precisely by converting qualitative and quantitative data into sentences and paragraphs leading to main research arguments 3. demonstrate clarity in research report writing 4. critically review research papers and provoke academic debates through effective writing		
OUTLINE SYLLABUS <ul style="list-style-type: none">Paraphrasing and rephrasingAvoiding plagiarismLogical writingData reportingAnalytical writingAdvanced grammar and use of punctuationsSummary writingArticle review writing		
ASSESSMENT METHOD <ul style="list-style-type: none">Continuous Assessment		

SECTION V

BY-LAW

**for the Award of the Degree of Bachelor of Science
Honours in Town & Country Planning**

UNIVERSITY OF MORATUWA, SRI LANKA
BY-LAW FOR THE AWARD OF THE BACHELOR OF SCIENCE HONOURS IN
TOWN & COUNTRY PLANNING

By-Law made by the Council of the University of Moratuwa under section 135 of the Universities Act No: 16 of 1978

BY-LAW

This By-Law may be cited as the Bachelor of Science Honours Degree in Town & Country Planning By-Law No: 27 of 2001.

1.0 Award of Degree

1.1 The Bachelor of Science Honours Degree in Town and Country Planning, hereinafter referred to as the Degree, may be awarded by the University of Moratuwa, Sri Lanka, hereinafter referred to as the University, to a Student who:

- (a) has fulfilled all the eligibility requirements for admission to the course as set out in Section 2.0
- (b) has been admitted to the University as a student under the Universities Act No: 16 of 1978;
- (c) has been a duly registered student of the University for the period prescribed for the course of study leading to the degree and whose registration continues to be in force up to the time of completion of requirements laid down in the Performance Criteria
- (d) has paid such fees as prescribed by the University and any other dues payable to the University;
- (e) has completed to the satisfaction of the Senate of the University hereinafter referred to as the Senate, the prescribed course requirements leading to the Degree as set out in Section 4.0 and Section 6.0 and the Performance Criteria.
- (f) has fulfilled all other conditions and requirements prescribed by this By-Law and Rules and Regulations of the University;

1.2 The Degree shall be conferred on a student qualified as in Section 1.1, in accordance with the Performance Criteria as laid down by the Senate.

2.0 Eligibility for Registration

2.1 An Applicant may be considered for Admission to the University to follow the Degree Course, if he/she:

- 2.1.1 has attained the prescribed minimum standards at the G.C.E. Ordinary Level and Advanced Level Examination in a manner as determined by the University Grants Commission of Sri Lanka, and approved by the Senate; and
- 2.1.2 has attained other prescribed minimum standards at such examinations as determined by the Senate.

3.0 Registration for the Course

- 3.1. A candidate selected for admission to the University for the Course of Study as laid out in Section 2.0 may register to follow its First Semester in the manner prescribed by the Senate.
- 3.2. Eligibility for registration for the subsequent Semesters of the Degree Course shall be as determined by the Senate.
- 3.3. Provisional registration may be permitted by the Senate under exceptional circumstances.
- 3.4. The prescribed fees payable for registration, tuition and examinations shall be as determined by the University Council.
- 3.5. A Student registered for this Course shall not be permitted concurrent registration for any other Course of Study at this University or any other University unless prior approval of the Senate is obtained for such registration.
- 3.6. A Study may withdraw from a Course Module within two (02) weeks of the commencement of the Semester and also substitute same with another Module or add Country Planning, hereinafter referred to as the Department.

4.0 Course of Study

- 3.7. The Course of Study leading to the Degree shall envelope inter alia the Human Settlements in both Urban & Rural Sectors in its Planning and Implementation based on the integration of its Physical, Economic, Social & Environmental dimensions and incorporation its Spatial & Non-Spatial attributes.
- 3.8.
 - (a) The Course of Study shall be conducted under the Semester System with Course Module Examinations to be held as set out in Section 5.0
 - (b) Subject to this By-Law the minimum period of study for the Degree shall be Eight Semesters (For this purpose a Semester will normally consist of about 15 weeks excluding examinations and vacations)
- 4.3.
 - (a) The Course of Study and its relevant Modules in each Semester shall be as laid down by Senate.
 - (b) The syllabus and learning outcome for each Module shall be as prescribed by the Senate on the recommendation of the Department of Town & Country Planning and the Board of the Faculty of Architecture hereinafter referred to as the Faculty Board.
 - (c) The Senate may on the recommendation of the Faculty Board approve any change, amendment or addition to the Course Modules, Syllabi, and/or any rules and regulations relating to the Course subject to adequate notice of same being given to the Student.
- 4.4 The Course of study shall consist of:
 - (a) Lectures, Seminars, Tutorials
 - (b) Studio Work and Laboratory Work
 - (c) Field Work
 - (d) Group Project Work
 - (e) Supervised Individual Research Project

5.0 Examinations

- 5.1 The Examination of each Module of the Course of Study will be held at the end of each Semester.
- 5.2 To be eligible to appear for the Examination of each Module, a Student shall have followed to the satisfaction of the Senate, the course of Study of the relevant Module in the manner approved by the Senate.
- 5.3 A Student may not be permitted to appear for any Examination unless he/she has satisfied the requirements of the relevant Course Module, including but not limited to minimum of 80% attendance and submission of assignments at the appropriate time.
- 5.4 The Semester Examination prescribed by this By-Law shall be conducted by Examiners appointed by the Senate on the recommendation of the Faculty Board.
- 5.5
 - (a) Each Lecture based Module shall have a Set-Paper Examination.
 - (b) Each Seminar or Tutorial Module shall be assessed on the basis of a Presentation in the prescribed manner.
 - (c) All Studio Work and Laboratory Work Modules shall respectively have a prescribed number of Assignments in a Portfolio for Assessment.
 - (d) Each Field Work Module shall be assessed on a Report not exceeding 800 words.
 - (e) Each Group Project Work shall be assessed in respect of every Individual Student on the basis of a Presentation in the prescribed manner before a Panel of Examiners.
 - (f) The Individually Supervised Research Project on a topic approved by the Head of Department shall be assessed on the basis of a Report completed and consisting of about 5000 words. A viva-voce may also be held if considered necessary.
- 5.6 A Student shall appear for each Course Module Examination on the first occasion on which the Examination is held after the completion of relevant Course Module. However, if unable to do so, due to reasons of illness, he/she shall appear on a subsequent occasion without penalty, with the approval of the Senate, subject to the completion of the Course requirements for the award of the Degree as per the period approved by the Senate.

6.0 Performance Assessment

- (a) The performance assessment for each Course Module shall be in accordance with the grading criteria as prescribed in the Performance Criteria approved by the Senate.
- (b) The award of the Degree and of the Class Rating shall be based on the Overall Grade Point Average in accordance with the Performance Criteria approved by the Senate.

7.0 Regulations & Revisions

- 7.1 Regulations under this By-Law may be framed by the Senate and approved by the Council as it deems necessary.
- 7.2 This By-Law may be revised or amended as a when necessary.

8.0 Interpretation

8.1 In this By-Law unless the context otherwise requires:

“Council” means the Council of the University of Moratuwa as constituted by the Universities Act No: 16 of 1978

“Senate” means the Senate of the University of Moratuwa as constituted by the Universities Act No. 16 of 1978

“Faculty Board” means the Faculty Board of the Faculty of Architecture of the University of Moratuwa as constituted by the Universities Act. No: 16 of 1978

“Department” means the Department of Town & Country Planning of the University of Moratuwa as constituted by the Universities Act. No: 16 of 1978

8.2 Any question regarding interpretation of this By-Law shall be referred to the Council whose decision thereon shall be final.