

Degree Programme : Bachelor of Science Honours in Town & Country Planning

Available University: University of Moratuwa

Duration: 4 years

Minimum eligibility requirements for admitting 2021-2025 intake

1. Candidates should have obtained at least Simple(S) passes in **three subjects** from the following subjects at the G.C.E (Advanced Level) Examination.

- Combined Mathematics
- Chemistry
- Physics
- Biology

OR

2. **One or Two subject/s** from the above and the other subject/s from the following subjects.

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| • Accounting | • Geography |
| • Agricultural Sciences | • Higher Mathematics |
| • Business Studies | • Logic and Scientific Methods |
| • Business Statistics | • Mathematics |
| • Information and Communication Technology | • Bio systems Technology |
| • Economics | • Science for Technology |
| • Political Science | • Engineering Technology |

In addition to that, the candidates should have obtained at least a Very Good Pass (B) in English and Credit Pass (C) for Mathematics at the G.C.E (Ordinary Level) Examination.

Bachelor of Science Honours in Town & Country Planning

New Curriculum

Module code	Module Title	Credits			Lecture hrs. per week	Project work/ Assignment hrs. per week	Evaluation	
		C	E	NGPA			CA%	WE %
TP1101	Introduction to Planning	03			03		20-40	60-80
TP1102	Planning and Design Studio I	03				09	100	
TP1103	Economics for Spatial Planning	02			02		20-40	60-80
TP1104	Ecology for Spatial Planning	02			02		20-40	60-80
TP1105	Society, Culture and Space	02			02		20-40	60-80
TP1106	Communication Technologies	03			01	06	100	
TP1107	Statistical and Quantitative Methods in Planning	02			02		20-40	60-80
TP1108	Effective Communication and Writing I			01		03	100	
Total for Level 1/ Semester 1		18						
TP1201	Planning Methods and Policies	02			02		20-40	60-80
TP1202	Planning and Design Studio II	03				09	100	
TP1203	Introduction to Real Estate	02			02		20-40	60-80
TP1204	Quantitative Ecology	02			01	03	100	
TP1205	Housing and Resettlement Planning	02			02		20-40	60-80
TP1206	Geo-informatics for Planning	02				06	100	
TP1207	Qualitative Methods in Planning	02			02		100	
TP1208	Building Material and Construction Technology	01				03	50	50
TP1209	Effective Communication and Writing II			01		03	20-40	60-80
Total for Level 1 / Semester 2		17						
TP2301	Planning Theory	02			02		20-40	60-80
TP2302	Planning and Design Studio III	03				09	100	
TP2303	Land Management	02			02		20-40	60-80
TP2304	Applied Hydrology	02			02		20-40	60-80
TP2305	Population Studies in Planning	02			02		20-40	60-80
TP2306	Spatial Data Analytics and Visualization	02				06	100	

TP2307	Planning Techniques	02			02		100	
TP2308	Traffic and Transportation	02			02		50	50
TP2309	Drama			01		03	100	
Total for Level 2 / Semester 3		18						
TP2401	Planning Law, Governance & Practice	03			03		20-40	60-80
TP2402	Urban Housing Studio*		06		02	12	100	
TP2403	Land Use Planning Studio*		06		02	12	100	
TP2404	Ecology, Landscape Planning and Design Studio*		06		02	12	100	
TP2405	Development Economics	02			02		20-40	60-80
TP2406	Environmental Modelling and Assessment	02			02		100	
TP2407	Social Justice in Planning	02			02		20-40	60-80
TP2408	Remote Sensing for Planning	02			01	03	100	
TP2409	Advanced Quantitative and Qualitative Research Methods	02			02		100	
TP2410	Introduction to Infrastructure Planning and Design	02			02		50	50
TP2411	Social Work			01		03	100	

Note: * Students shall choose one of these electives

Total for Level 2 / Semester 4		22						
TP3501	Regional Planning	02			02		20-40	60-80
TP3502	Coastal Regional Planning and Design Studio*		06		02	12	100	
TP3503	Eco-sensitive Regional Planning and Design Studio*		06		02	12	100	
TP3504	Agro Regional Planning and Design Studio*		06		02	12	100	
TP3505	Urban Economics	02			02		20-40	60-80
TP3506	Eco Sensitive Planning Concepts	02			02		100	
TP3507	Political Economy of Space	02			02		20-40	60-80
TP3508	Advanced GIS and Remote Sensing for Planning	01				03	100	
TP3509	Spatial Modeling and Simulation	02			01	03	100	
TP3510	Regional Infrastructure Planning and Designing	03			03		100	
TP3511	Planning Ethics	02			02		100	

Note: * Students shall choose one of these electives

Total for Level 3 / Semester 5		22						
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TP3601	Cities and Urban Forms	02			02		20-40	60-80
TP3602	Coastal City Planning and Design Studio*		07		02	15	100	
TP3603	Heritage area Planning and Design Studio*		07		02	15	100	
TP3604	Transit city Planning and Design Studio*		07		02	15	100	
TP3605	Real Estate Development	02			02		20-40	60-80
TP3606	Planning for Climate Resilience**		01			03	100	
TP3607	Participatory Planning	02			01	03	100	
TP3608	Urban Informatics**		01			03	100	
TP3609	Project Formulation and Appraisal	02			02		20-40	60-80
TP3610	Urban Infrastructure Planning and Designing	03			03		100	
Note: * Students shall choose one of these electives and ** Students shall choose one of these electives								
Total for Level 3 / Semester 6		19						
TP4701	Research Methods	02			02		100	
TP4702	Individually Supervised Research Project (ISRP)	11			03	24	100	
TP4703	Academic Writing	02			02		100	
TP4704	Internship			04			100	
Total for Level 4 / Semester 7		19						
TP4801	Urban Design	02			02		100	
TP4802	Individually Supervised Site Planning and Design Studio Project	08			03	15	100	
TP4803	Project Management	02			02		20-40	60-80
TP4804	Environment Management Systems*		01			03	100	
TP4805	Urban Regeneration and Conservation*		01			03	100	
TP4806	Computer Programming and Artificial Intelligence*		01			03	100	
TP4807	Public Project Financing	02			02		20-40	60-80
Note: * Students shall choose one of these electives								
Total for Level 4 / Semester 8		15						
Total for the Programme		150						

C- Compulsory

E- Elective

GPA- Grade Point Average

NGPA- Non Grade Point Average

CA- Continuous Assessment

WE- Written Examination