

Curriculum (Master program)

I.Master

Number	Subject	Required courses	Selective Courses	Credit
GEM0799	Thesis Master's	⊙		0
GEM0121	Special Topics on Research Methods in Geography	⊙		2
GEM0003	Studies in Geomorphology		⊙	2
GEM0008	Studies in Hydrology		⊙	2
GEM0010	Studies in Oceanography		⊙	2
GEM0012	Studies in Environmental Conservation		⊙	2
GEM0013	Studies in Population Geography		⊙	2
GEM0014	Studies in Economic Geography		⊙	2
GEM0015	Studies in Industrial Geography		⊙	2
GEM0017	Studies in Marketing Geography		⊙	2
GEM0019	Land Use & Planning		⊙	2
GEM0020	Location Analysis		⊙	2
GEM0022	Studies in Urban Geography		⊙	2
GEM0025	Studies in Cultural Geography		⊙	2
GEM0026	Studies in Historical Geography		⊙	2
GEM0031	History of Geographic Thought		⊙	2

GEM0032	Literature Review in Geography		◎	2
GEM0036	Studies in Cartography		◎	2
GEM0037	Remote Sensing		◎	2
GEM0041	Studies in Physical Geography of Taiwan		◎	2
GEM0044	Studies in China Geography		◎	2
GEM0045	Resources Analysis and Management		◎	2
GEM0050	Geographic Information System		◎	2
GEM0054	Landscape Ecology		◎	2
GEM0058	Spatial Decision Support System		◎	2
GEM0083	Special Topics in Biogeography and Natural Conservation		◎	3
GEM0088	Urban Environments		◎	2
GEM0089	Studies in the Environment Problems in China		◎	2
GEM0090	Studies in Aboriginal Geography		◎	2
GEM0092	Studies in Taiwan Home Geography		◎	2
GEM0093	Human Ecology		◎	2
GEM0094	Studies in Industrial Ecology		◎	2
GEM0095	Studies in High-Technology Industrial Geography		◎	2
GEM0096	Studies in Disaster System		◎	2
GEM0097	Environment and		◎	2

	Society			
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II. MA & Ph.D.

Number	Subject	Required courses	Selective Courses	Credit
GEC0060	Speaking Studies in Geography(I)	◎		4
GEC0061	Speaking Studies in Geography(II)	◎		4
GEC0002	Landscape and Land Use Planning		◎	2
GEC0003	Theory and Practice in Geographic Education		◎	2
GEC0004	Studies in the Climate of Taiwan		◎	2
GEC0005	Studies in Dry Climates		◎	2
GEC0009	Studies in Geography of Taiwan		◎	2
GEC0010	Studies in Social Geography		◎	2
GEC0011	Studies in Settlement Geography		◎	2
GEC0013	Studies in Tourism Geography		◎	2
GEC0014	Studies in Island Geography		◎	2
GEC0015	Studies in Landscape		◎	2
GEC0016	Studies in Geographic Information System		◎	2
GEC0017	Application of Computer Network in Geography		◎	2

GEC0018	Studies in Medical Geography		◎	2
GEC0022	Quantitative Technique in Geography		◎	3
GEC0023	Digital Elevation Model Analysis		◎	2
GEC0033	Studies in Climatology		◎	2
GEC0034	Studies in Agricultural Geography		◎	2
GEC0035	Studies in Political Geography		◎	2
GEC0036	Studies in Transportation Geography		◎	2
GEC0037	Environmental Pollution and Management		◎	2
GEC0040	Spatial quantitative analysis		◎	2
GEC0041	Studies in Taiwan Aboriginal Geography		◎	2
GEC0042	landscape survey and planning		◎	2
GEC0043	Studies in Human Geography of Taiwan		◎	2
GEC0044	Topical in Sedimentology		◎	2
GEC0048	Studies in Weather		◎	2
GEC0049	Qualitative Methodologies and Thesis Writing		◎	2
GEC0052	Geography of Everyday Life		◎	2

GEC0053	Studies in Local Economic Development		⊙	2
GEC0054	Studies in Urban Politics and Policies		⊙	2
GEC0057	Space and Society		⊙	2
GEC0058	Rural Geography and Rural Development		⊙	2
GEC0059	Studies in Feminist Geography		⊙	3
GEC0062	The Theory of Space		⊙	2
GEC0063	Studies in Religious Geography		⊙	2
GEC0064	Studies in Regional Geography		⊙	2
GEC0066	Studies in Financial Geography		⊙	2
GEC0067	Environmental Monitoring and Assessment		⊙	2
GEC0068	Multivariate Analysis		⊙	3
GEC0069	Spatial Techniques		⊙	3
GEC0070	Spatial Database System		⊙	2
GEC0071	Catchment Environments		⊙	2
GEC0072	Coastal Environments		⊙	2
GEC0073	Studies in Body and Space		⊙	3
GEC0076	Thesis Writing in Geography		⊙	3
GEC7002	Socio-Economic Geographic Information System		⊙	2
GEC7003	Actor Network		⊙	2

	Theory and Post-Structuralist Geography			
GEC7004	Cyber City Modeling		◎	2
GEC7005	Studies in World Heritage		◎	2
GEC8001	Geographies of Consumption		◎	3

III.Ph.D.

Number	Subject	Required courses	Selective Courses	Credit
GED0999	Doctoral Dissertation	◎		0
GED0051	Seminar in Geography (1)	◎		2
GED0052	Seminar in Geography (2)	◎		2
GED0053	Field Works in Geography (1)	◎		2
GED0054	Field Works in Geography (2)	◎		2
GED0003	Methodology of Geography		◎	2
GED0004	Topics in Geomorphology		◎	2
GED0006	Topics in Climatology		◎	2
GED0007	Practice of Climatology		◎	2
GED0008	Topics in Hydrology		◎	2
GED0009	Practice of Hydrology		◎	2
GED0010	Topics in Soil Geography		◎	2
GED0011	Topics in Biogeography		◎	2

GED0012	Topics in Population Geography		◎	2
GED0013	Topics in Economic Geography		◎	2
GED0014	Topics in Agricultural Geography		◎	2
GED0015	Topics in Industrial Geography		◎	2
GED0016	Topics in Transportation Geography		◎	2
GED0017	Topics in Settlement Geography		◎	2
GED0018	Topics in Urban Geography		◎	2
GED0019	Topics in Social Geography		◎	2
GED0020	Topics in Political Geography		◎	2
GED0021	Topics in Historical Geography		◎	2
GED0022	Topics in Regional Geography		◎	2
GED0023	Topics in Home Geography		◎	2
GED0024	Topics in Tropical Geography		◎	2
GED0025	Topics in Applied Geography		◎	2
GED0026	Topics in Regional Planning		◎	2
GED0027	Topics in Environmental Conservation		◎	2
GED0028	Topics in Computer Cartography		◎	2
GED0029	Topics in Geography Education		◎	2

GED0030	Topics in Linguistic Geography		◎	2
GED0031	Topics in Hydrogeology		◎	2
GED0032	Topics in Man-Land Relation		◎	2
GED0033	Topical in Structural Geology		◎	2
GED0036	Topical in Seismic Stratigraphy		◎	2
GED0050	Topics in Tropical Environments		◎	2
GED0055	Ecosystem Management		◎	2
GED0057	Topics on Disaster Geography		◎	2