

## Inter-Department Collaboratory Program in Spatial Information Science

According to recent information technology development and publicly shared spatial information, the program focuses on investigating various uses of spatial related technology and data through interdisciplinary collaboration. The curriculum focuses on public service and contents development based on geographical, spatial information.

### Professor Introduction

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## Curriculum

Course Code	Course Title	Credit
561.717	Theory of Geo-Spatial Information	3-3-0
305.629	Advanced Spatial Analysis	3-3-0
906.501	Advanced Spatial Statistics	3-3-0
561.714	Advanced Surveying Engineering	3-3-0
551.629	Special Topics in Remote Sensing	3-3-0
561.715	Advanced Digital Photogrammetry	3-3-0
561.716	Application of Remote Sensing	3-3-0
906.601	Advanced Cadastral Studies	3-3-0
906.602	Special Topics in Surveying Engineering	3-3-0
906.603	Methods for GIS application	3-3-0
906.604	Urban Planning and GIS	3-3-0
906.605	Land Use Planning and GIS	3-3-0
305.630	Advanced Spatial Database	3-3-0
553.700	Advanced Satellite Oceanography	3-3-0
906.606	Marine GIS	3-3-0
906.607	Spatial Health Science	3-3-0
906.608	Landscape Architecture GIS	3-3-0
906.609	GIS for Ecosystem	3-3-0
551.644	Advanced Satellite Meteorology	3-3-0
906.610	Geographic Information and Climate Change	3-3-0
561.647	Environmental Hydraulics	3-3-0
561.722	Geoenvironmental Engineering	3-3-0
305.508	Transportation Planning	3-3-0
305.712	Urban and Regional Analysis Model	3-3-0
575.646	Advanced Topology	3-3-0
575.614	Advanced Landscape Structure	3-3-0
551.646	Information Technology in Meteorology	3-3-0
651.690	Oral Care Social Insurance System	3-3-0
651.838	Evidence Based Preventive Dentistry	3-3-0
506.719	Autecology	3-3-0
506.721	Ecological Modelling	3-3-0
553.702	Advanced Environmental Oceanography	3-3-0
553.699	Advanced Coastal Oceanography	3-3-0
551.663	Geophysical Remote Sensing	3-3-0