

DEPARTMENT OF GEOMATICS ENGINEERING
POST GRADUATE COURSES (MSc)

Code	Course Title	Credit
JFM 600	Special Topics	3 0 0
JFM 601	Numerical Analysis	3 0 3
JFM 602	Advanced Programming	3 0 3
JFM 603	Statistics	3 0 3
JFM 604	Coordinate Transformations	3 0 3
JFM 605	Special Topics In Adjustment	3 0 3
JFM 606	Surveying Instruments	3 0 3
JFM 607	Digital Terrain Models	2 0 2
JFM 608	Remote Sensing	3 0 3
JFM 609	Computer Aided Cartography	3 0 3
JFM 610	Terrestrial Photogrammetry	3 0 3
JFM 611	Engineering Surveyings (Aplication)	2 0 2
JFM 612	Physical Geodesy	3 0 3
JFM 613	Advanced Models in Digital Photogrammetry And Algorithms	3 0 3
JFM 614	Digital Image Processing And Understanding Techniques	3 0 3
JFM 615	Analysis And Queries In Geographical Information Systems	2 0 2
JFM 616	Developping 3d Softwares With Visual C++ And OpenGL	3 0 3
JFM 617	Science-Phylosphy and Model Reality Conseptes	3 0 3
JFM 618	Coastal Management	2 0 2
JFM 619	Urban Land Arrangement	3 0 3
JFM 620	Surveying Technique And Organization In Rural Land Arrangement	3 0 3
JFM 621	Global Positioning System	3 0 3
JFM 622	Methods of Estimating in Geodesy	3 0 3
JFM 623	Statistical Analysis of Geodetic Data	2 0 2
JFM 624	Deformation Measurements and Analysis	3 0 3
JFM 625	Interoperability Infrastructures for SDI	3 0 3
JFM 626	WebGIS Technologies and Architectures	2 2 3
JFM 627	Geometrical Principles and Current Applications of GIS	3 0 3
JFM 628	Land Management	3 0 3
JFM 629	Land Valuation	3 0 3
JFM 630	Real Property Acquisition of Foreigners	3 0 3
JFM 631	Spatial Data Infrastructures for GIS	3 0 3
JFM 632	Advanced Cadastre Theory	3 0 3
JFM 633	GIS-Based Multi-Criteria Decision Analysis	3 0 3
JFM 634	GIS and Remote Sensing in Environmental Management and Planning	3 0 3
JFM 635	Disaster Management with GIS and Remote Sensing	3 0 3
JFM 636	Intelligent Sensor Networks	3 0 3
JFM 637	Engineering Photogrammetry	3 0 3
JFM 638	Environmental Modelling with GIS and Remote Sensing	3 0 3