

# GISC6384 - Advanced Geographic Information Systems

[GISC 6384](#) ([GEOS 6384](#)) Advanced Geographic Information Systems (3 semester credit hours)  
Treatment of more advanced GIS topics with real world applications. Topics covered include raster and vector data models, Geodatabase, map algebra, 3-D surface analysis, spatial interpolation and network analysis. Student will be acquainted with state-of-the-art software through hands-on laboratory experiences. Prerequisite: [GEOS 6381](#) or [GISC 6381](#). (3-0) Y