

# C E 495: Geospatial Analysis for Engr & Vis Apps

Working knowledge, application development. and operation issues related to geographical information system (GIS) tools useing modern remote sensing raster imagery and vector mapping data; geospatial workflow implementation for engineering and visualization applications; geographic and non-geographic data processing to create spatial maps, inventory and attribute database, and data visualization; import and export of engineering graphics data; development of GIS based decision support systems.

3 Credits

## Prerequisites

• Senior standing required.

## Instruction Type(s)

• Lecture: Lecture for C E 495

### **Subject Areas**

- Civil Engineering, General
- Transportation and Highway Engineering

#### **Related Areas**

- <u>Civil Engineering, Other</u>
- Geotechnical and Geoenvironmental Engineering
- <u>Structural Engineering</u>
- <u>Water Resources Engineering</u>

The University of Mississippi is accredited by the Southern Association of Colleges and Schools Commission on Colleges to award certificates and baccalaureate, master's, specialist and doctoral degrees. Contact the Commission on Colleges at 1866 Southern Lane, Decatur, Georgia 30033-4097, call 404-679-4500, or visit online at www.sacscoc.org for questions about the accreditation.

