

## **GIS and Spatial Modeling Curriculum (for students entering prior to fall 2009)**

### **Intro Courses**

- PD 569 GIS Applications

### **Methods Course**

- PD 570 GIS for Planning

### **Elective Courses (minimum two)**

- PD 523 New Media in Planning
- PD 571 Urban Simulation
- PD 577 Planning in Action
- ARC 611 Computer Modeling
- CIE 507 GIS Applications
- GEO 550 Intro to Graduate Cartography
- GEO 551 Cartography and Geographic Visualization
- GEO 552 GIS and Environmental Modeling
- GEO 553 Remote Sensing
- GEO 597 Geostatistics
- GEO 605 Spatial Statistics

### **Recommended Foundational Electives**

- PD 573 Land Use and Physical Planning

### **Culminating Exercise (choose one)**

- Thesis on topic in GIS and Planning Technologies
- Professional Project on GIS and Planning Technologies