**GEOSPATIAL ANALYSIS MINOR (GIS) Student** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 **ID #** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

  **Advisor** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Crops and Soil Sciences

Integrated Plant Sciences (IPS), Agricultural Food Systems (AFS)

Contacts: Rick Rupp, 335-2381, richard\_rupp@wsu.edu or

David Brown, 335-1859, dave\_brown@wsu.edu

The minor requires a **minimum of 16** semester hours including the following core:

**SOIL SCI 368** Intro to Geographic Information Systems 3 cr. \_\_\_\_\_ (F)

**SOIL SCI 374** Remote Sensing & Airphoto Interpretation 3 cr. \_\_\_\_\_ (S)

**SOIL SCI 468/568** ArcGIS & Geospatial Analysis 4 cr. \_\_\_\_\_ (S)

**AND**

6 hours from the following:

**AGTM 305** Agricultural Precision Systems 3 cr. \_\_\_\_\_ (F)

**AGTM 405** Adv. Agricultural Precision Systems 2 cr. \_\_\_\_\_ (S)

**LND ARCH 525** Landscape Modeling 3 cr. \_\_\_\_\_ (F)

**NATRS 446** Wildlife Habitat Ecology 3 cr. \_\_\_\_\_ (S)

**NATRS 464/564** Landscape Ecology 3 cr. \_\_\_\_\_ (S)

**NATRS 419** Special Topics V 1-3 cr. \_\_\_\_\_ (F,S,SS)

**SOIL\_SCI 499** Special Problems V 1-4 cr. \_\_\_\_\_ (F,S,SS)

**Cpt\_S 111** Intro to Algorithmic Problem Solving\* 3 cr. \_\_\_\_\_ (F,S)

 *\*This course is being accepted now and is in process for curriculum change*

Or

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Exceptional students may take graduate-level courses with instructor permission.  Courses used for the minor in geospatial analysis may not be used for the minor in soils sciences.

At least 9 hours must be 300-400-level work taken in residence at WSU or through WSU-approved education abroad or educational exchange courses.

 Total Credits \_\_\_\_\_\_\_\_\_\_\_\_

Approved by \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_