

# GEOGRAPHIC INFORMATION SYSTEMS FOR AGRICULTURE MINOR

Name: \_\_\_\_\_

EmpID: \_\_\_\_\_

Email: \_\_\_\_\_

Expected Grad Date: \_\_\_\_\_

Cell: (\_\_\_\_) \_\_\_\_ - \_\_\_\_\_

Major: \_\_\_\_\_

Major Advisor: \_\_\_\_\_

Street Address

\_\_\_\_\_  
 \_\_\_\_\_  
 City State Zip Code

**Quarter / Year**

(Taken or Planned)

**Grade**

**REQUIRED COURSES**

**Graphical Communication**

*Units*

2

BRAE 150 (2)

\_\_\_\_ / 20\_\_

\_\_\_\_

**Geomatics**

7/8

BRAE 239 Engineering Surveying (4)

\_\_\_\_ / 20\_\_

\_\_\_\_

BRAE 345(3) or GEOG 328 (4)

\_\_\_\_ / 20\_\_

\_\_\_\_

**GIS**

6/8

NR/LA 218 Applications in GIS (3) or GEOG 318 (4)

\_\_\_\_ / 20\_\_

\_\_\_\_

NR 418 Applied GIS (3) or GEOG 440 (4)

\_\_\_\_ / 20\_\_

\_\_\_\_

**EMPHASIS AREAS (select one emphasis)**

**Environmental Information Emphasis (3 of 4 classes)**

12

BRAE/NR 355 Drone Assisted Surveying (4)

\_\_\_\_ / 20\_\_

\_\_\_\_

BRAE 447 Adv. Surveying w/ GIS Applications (4)

\_\_\_\_ / 20\_\_

\_\_\_\_

NR 306 (4)

\_\_\_\_ / 20\_\_

\_\_\_\_

NR 416 (4) or CRP 336 (4)

\_\_\_\_ / 20\_\_

\_\_\_\_

**Precision Agriculture Emphasis**

12

AEPS/BRAE 244 Precision Farming (4)

\_\_\_\_ / 20\_\_

\_\_\_\_

**Select two of the following classes (8)**

AEPS 406 (4); AEPS 410 (4); AEPS 423 (4); AEPS 431 (4);

\_\_\_\_ / 20\_\_

\_\_\_\_

AEPS 445 (4); BRAE/NR 355 (4); BRAE 447 (4);

\_\_\_\_ / 20\_\_

\_\_\_\_

**TOTAL APPROVED UNITS (27 to 30 required)**

27/30

Student Signature \_\_\_\_\_ Date \_\_\_\_\_

Coordinator Signature \_\_\_\_\_ Date \_\_\_\_\_

Samantha Gill or Tom Mastin

Peter Livingston \_\_\_\_\_ Date \_\_\_\_\_

BRAE Department Head

**REQUIREMENTS AND REGULATIONS**

- A minimum of 27 units are required for this minor.
- A minimum 2.0 GPA is required in all units counted for completion of the minor.
- Not more than one-third of the courses can be graded Credit/No Credit.
- At least one-half of the units must be taken at Cal Poly.
- At least one-half the units must be upper division