# GEOGRAPHIC INFORMATION SYSTEMS FOR AGRICULTURE MINOR

Name: ____________________________  
Email: ____________________________  
EmpID: ____________________________  
Expected Grad Date: __________________

Street Address: ____________________________

City: ____________________  State: _______  Zip Code: ________

Quarter / Year  
(Taken or Planned)  Grade

## REQUIRED COURSES

**Graphical Communication**  
BRAE 150 (2)  
____ / 20_  ______

**Geomatics**  
BRAE 239 Engineering Surveying (4)  
BRAE 345(3) or GEOG 328 (4)  
____ / 20_  ______  

**GIS**  
NR/LA 218 Applications in GIS (3) or GEOG 318 (4)  
NR 418 Applied GIS (3) or GEOG 440 (4)  
____ / 20_  ______  

## EMPHASIS AREAS (select one emphasis)

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

BRAE/NR 355 Drone Assisted Surveying (4)  
BRAE 447 Adv. Surveying w/ GIS Applications (4)  
NR 306 (4)  
NR 416 (4) or CRP 336 (4)  
____ / 20_  ______  

### Precision Agriculture Emphasis

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);  
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  
BRAE Department Head  
Date: ____________

## 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