Geography: GEOSPATIAL TECHNIQUES Study Plan

STUDENT NAME:________________  GRADUATION YR______  Double Major or Minor ________________

I. CORE COURSES (7 units)

- GEOG 201 (GEP 201): Global Environmental Systems (4)
- GEOG 202 (GEP 205): World Regional Geography (3)
- GEOG 203 (GEP 203): Human Geography (3)
- GEOG 206 (GEP 206): Society, Environment, and Sustainable Development (3)

II. UPPER DIVISION BREADTH COURSES (18-19 units) _______ units

The Biophysical Environment (3-4 units)
- GEOG 360 (GEP 350): Geomorphology (4)
- GEOG 365 (GEP 343): Biogeography (4)
- GEOG 370 (GEP 355): Weather and Climate (4)
- GEOG 372 (GEP 356): Global Climate Change: Past, Present, Future (4)
- GEOG 375 (GEP 351): Natural Hazards (3-4)

Human Geography (4 units)
- GEOG 320 (GEP 320): Geopolitics (4)
- GEOG 322 (GEP 322): Globalization and Environments (4)
- GEOG 335 (GEP 325): Global Food Systems: Scarcity and Sustainability (4)
- GEOG 340 (GEP 323): Conservation of Natural Resources (4)
- GEOG 350 (GEP 370): Globalization and the City (4)
- GEOG 352 (GEP 324): Climate Change and Society (4)

Regional Synthesis (4 units)
- GEOG 392 (GEP 327): Latin America and the Caribbean (4)
- GEOG 394 (GEP 328): Africa, South of the Sahara (4)
- GEOG 396 (GEP 339): Special Topics in Area Studies (4)

Practical Experiences (1-3 units)
- GEOG 312 (GEP 312): Geographic Conferences (1-2)
- GEOG 313 (GEP 314): Field Experience Abroad (2-3)
- GEOG 314 (GEP 313): Field Experience (1-2)
- GEOG 315 (GEP 440): Field Methods in Geography (2)
- GEOG 317 (GEP 441): Lab Methods in Physical Geography (2-3)
- GEOG 460 (GEP 418): Lab Assistant in Geography (2-3)
- GEOG 499AB (GEP 317): Internship (2-3)

Geographic Research and Synthesis (5 units)
- GEOG 490A (GEP 490a): Senior Pre-Seminar (1)
- GEOG 490B (GEP 490b): Senior Seminar (4)

CONCENTRATION COURSES (16-17 units) _______ units

- GEOG 315 (GEP 440): Field Methods in Geography (2)
- GEOG 380 (GEP 380): Environmental Remote Sensing (4)
- GEOG 385 (GEP 385): Cartographic Visualization (3-4)
- GEOG 387 (GEP 387): Introduction to GIS (4)
- GEOG 483 (GEP 483): Environmental GIS (3-4)
- GEOG 487 (GEP 487): Advanced GIS (3)

SUBTOTAL ______ (42 min)

SUPPORTING COURSES (7-8 units) _______ units

Suggested courses, with substitutions possible in consultation with an advisor:
- MATH 165: Elementary Statistics (4)
- CS 101: Introduction to Computers and Computing (3)
- CS 115: Programming I (4)

TOTAL ______ (50 min)

Version: 04/30/17
**Advising Notes:**

**For the Major and Minor:**
- Students must receive a C- or better in all major classes (including supporting courses)
- Students must take all classes for a grade, with exception of: GEOG 312, 314, 316, 460, and 499AB
- Two courses may double count with GE

**For the Major:**
- GEOG 460: Three units may be counted towards the Geography major
- Supporting courses must be upper division except for 200-level math, stats, calculus or foreign languages
- Supporting courses can be GE classes, but the student cannot count that particular class for GE
- Grades in supporting courses do not count in the GPA for the major

**Internships**
- Must have a minimum 2.75 cumulative GPA
- Should be done during senior year

**Issues Specific to Study Plans**
- Globalization and Identity:
  - Students who take GEOG 302 or 338 for GE must take additional concentration courses to meet the 16 unit min.
- No Concentration:
  - A 4-unit Internship may be used as an elective or a supporting course

**GE**
- Upper division credit is granted in the semester in which students have 60 units (junior status)
- Upper division classes must be in at least 2 different areas

**GRAD Check:**
- 42 unit minimum in major, 50 units with supporting courses
- 120 unit minimum