Syllabus for
GSS488 Geospatial Science Internship

Instructor: TBD
Prerequisites: GSS313, GSS325 or equivalent, or consent of Instructor
1 to 3 credits

Course Objective:
The GSS Internship is designed to provide students experience in the real workplace. Interns are expected to function as a GIS / Remote Sensing professional and work within the existing host facility structure or on a free standing project. Interns will complete assigned tasks by hosting facility such as GIS data entry, data retrieval, remote sensing analysis, GPS field work, documentation, or general GIS facility duties. These activities will be monitored by both a representative of the host facility and the instructor.

Host Facility:
When a host facility agrees to provide a student internship they will be an integral part of the student’s academic and professional education. To the best of the host’s ability the internship should replicate the real world work environment. In situations where the host does not have GIS / remote sensing facilities available, student can utilize software, computers, and prints currently available the Stony Brook Campus. The scope of the individual student projects will vary based on the host needs, project size, complexity, and length of internship.

Host Facility Expectations:
Participating host facilities are expected to provide the interns with GIS / remote sensing work/project equal to the minimum internship time, access to facilities, and assistance to the students and/or Stony Brook instructor. This includes:

1. The length of the internship will be a minimum of 36 hours per credit earned; total credits will depend on host project needs. These internship hours are minimum time spent by the student working on the assigned project and does not include time spent preparing the students’ paper, presentation, or log.
2. Student internships are work for credit, not paid learning experiences.
3. Host will attend an initial meeting with student intern and instructor to outline scope of the intern project, skills necessary, project goals, and expectations.

A. Introductory meeting will determine:
   1. Duties of a GSS intern and tasks assigned by the GSS host facility
   2. Professional standards
   3. Professional ethics
4. Schedule of work hours
5. Evaluation methods, including:
   a. Daily log of learning experiences
   b. Report writing of project for host
   c. Report and presentation for instructor
   d. Student portfolio (may be composed of items above)
B. Supervise the student work product, work habits, and work ethics as the host
   would for any employee. The extent of GSS supervision will vary based on
   host’s GSS expertise.
C. Attend a final internship presentation that will include a host / instructor
   discussion of intern’s performance and work product.

**Benefits of Host Participation:**
By participating in the GSS Internship program host facilities will be supporting Stony Brook’s
efforts to ready students for an exciting career in GIS and remote sensing. The internship may
provide the host an opportunity to evaluate a potential future employee or a resource that may be
available for project work. The intern program may also provide the host the personnel
resources that are not currently internally available or not needed for the long-term employment.

For hosts without existing GIS/remote sensing capabilities they will receive data analyses that
can greatly improve their business or project decisions that would otherwise be unavailable.
And, since the interns can utilize Stony Brook resources the host can benefit without the expense
of purchasing GSS software and equipment.

**Expected Student Outcomes:**
Upon completion of the internship, the student will be able to:
1. Describe challenges of a GSS professional.
2. Summarize duties of a GSS professional at hosting facility.
3. Demonstrate ability to interact in a professional setting.
4. Complete tasks as assigned by the GSS host facility.
5. Identify ethical issues involved in working in with GSS.
6. Evaluate the internship experience.

**Class-Level Assessment:**
Student accomplishment of expected student outcomes will be assessed using the following
measures. (Identify which measures are used to assess which outcomes from above.)
1. Report by hosting facility (4, 5)
2. Log of learning experiences (1, 2, and 4)
3. Written paper and presentation detailing the internship experience (1-6)
4. Evaluation by SBU instructor (6)
**Basis for grading:** 100-95 (A); 94-91 (A-); 90 – 88 (B+); 87 – 84 (B); 83-81 (B-); 80-78 (C+); 77-74 (C); 73-71(C-); 70-68 (D+); 67-60 (D).

**STONY BROOK UNIVERSITY DSS SYLLABUS STATEMENT:**
If you have a physical, psychological, medical, or learning disability that may impact your course work, please contact Disability Support Services (631) 632-6748 or http://studentaffairs.stonybrook.edu/dss/. They will determine with you what accommodations are necessary and appropriate. All information and documentation is confidential.

Students who require assistance during emergency evacuation are encouraged to discuss their needs with their professors and Disability Support Services. For procedures and information go to the following website: http://www.stonybrook.edu/ehs/fire/disabilities/asp.

**ACADEMIC INTEGRITY STATEMENT:**
Each student must pursue his or her academic goals honestly and be personally accountable for all submitted work. Representing another person's work as your own is always wrong. Any suspected instance of academic dishonesty will be reported to the Academic Judiciary. For more comprehensive information on academic integrity, including categories of academic dishonesty, please refer to the academic judiciary website at: http://naples.cc.sunysb.edu/CAS/ajc.nsf.

**CELL PHONE AND ELECTRONIC DEVICE STATEMENT:**
During regular class sessions, cell phones must be either in ‘vibrate mode’ or turned off. Calls cannot be answered. Text messaging is not allowed during class. Cell phones must be turned off and enclosed in a case, book bag, briefcase, or the like during tests and exams. YOU are responsible for ensuring this policy is followed. Students MAY NOT have cell phones, electronic dictionaries, calculators, pagers or other “information rich” devices (anything that can receive and/or store many pages of text) in their possession during tests and exams.