

## **Form: Program Plan For Information Literacy**

- • *To be completed by each Major Program. See the Undergraduate Catalog for a list of Major Programs.*
- • *Plans must be approved by the School/College*
- • *Plans are not approved by GEOC but are archived by GEOC for future oversight.*
- • *Return the completed form by e-mail to GEOC at [geoc@uconn.edu](mailto:geoc@uconn.edu) no later than Oct. 15, 2004 AFTER approval by the School/College)*
- • *Submit revised catalog copy for major requirements to [marianne.buck@uconn.edu](mailto:marianne.buck@uconn.edu) by Nov. 1, 2004.*

### **Major Program Statistics; For the BA and BS degrees in Statistics**

**Briefly describe how Information Literacy will be taught within your major program. List courses in which these skills will be embedded**

In statistics (at the bachelor degree level) we expect a general understanding of and competency in the processes described below. Information Literacy will be taught through Stat 200 and Stat202W. All majors are required to take these courses.

- Information development and structure -- an understanding of how information in statistics is created, organized, and disseminated. Students will become familiar with the use of commonly used web sites for data, articles, code, etc. and with retrieval of such information. They will also become familiar with posting information to various sources, including a web site.
- Information access -- an understanding of information communication processes and a facility with the tools required to tap into these processes. In Stat 200 and Stat 202W, students will learn about resources of statistical information and how they are accessed through various web based resources. They will be get hands-on training in such details, as they do a thorough search of the literature in order to write a cohesive paper on the statistical topic they have chosen, with support from the instructor.
- Information evaluation and integration -- an ability to evaluate, synthesize and incorporated quantitative information into written, oral, or media presentations. The key skill required is the ability to read statistical literature and to be able to write a statistical paper. Knowing how to read and understand methods, formulas, proofs, tables and graphs is also essential to assimilate the material in an article on statistics. These skills, as well as adequate writing of a statistical report/paper will be taught in these two courses.

### **Stat 200 and Stat202W - Course Information:**

STAT200. Undergraduate Seminar I. First Semester. One credit.

Prerequisite: STAT201 or STAT242 and STAT220 or STAT230.

The student will attend 6-8 seminars per semester, and choose to study one technical topic in detail. The student must submit a comprehensive paper on this topic, including a literature review, description of technical details, and a summary, which will be evaluated and corrected during development.

STAT202W. Undergraduate Seminar II. Second Semester. One credit.

Prerequisite: STAT201 or STAT242 and STAT220 or STAT230 and STAT200W.

The student will attend 6-8 seminars per semester, and choose to study one technical topic in detail. The student must submit a comprehensive paper on this topic, including a literature review, description of technical details, and a summary, which will be evaluated and corrected during development.

- Course Objectives:
  - Expose students to a variety of topics in statistics through seminars;
  - Investigate one topic in depth and write a paper on it.
- Course Requirements
  - Attend seminars under Stat 200 and Stat 202W;
  - Select a topic from among the talks given at the seminar, search the scholarly literature and select appropriate materials pertaining to the chosen topic;
  - Utilize various sources to read and incorporate these into writing assignments;
  - Write and revise two 7.5 page papers on the topics chosen under the supervision of the course instructor;
  - Maintain a file/profile to show progress from Stat 200 to Stat 202W.

**Are all these courses required of your students? If not, how will you assure that all students attain the exit expectations for Information Literacy.**

STAT 200 and 202W are required of all Statistics majors.

**Date of Approval by Faculty or Appropriate Faculty Committee\_ 9/5/04 (original); 2/15/07 (revised)**

**Date of Approval by School/College C&C Committee\_\_\_\_\_ Fall 2004 (original)?\_\_\_\_\_**

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**Date Submitted to GEOC 11/18/04; Date of resubmission of Revision: 3/20/07**