

## **STA 392: Guided Study in Statistics**

### **I. Basic Course Information**

Guided study, STA 392, is an upper level course for majors in their Junior/Senior year, with at least a 3.0 GPA, interested in studying topics that are not covered in the regularly offered courses. The course is given as a group study course. A small group (3 or 4) of students agree to take the course and work together during the semester on a specific topic. Students may enroll in no more than two course units of independent study/guided study/independent research in a given semester. To register for the course a student must contact a faculty member of the department who will serve as a mentor of the guided study.

The faculty mentor and the student will write a proposal explaining the subject matter that will be studied as well as the way the student's work will be assessed. A guided study contract/enrollment form must be prepared by the student, approved by the faculty mentor and the department chairperson, and submitted to the Office of Records and Registration at the time the student registers for the course. Registration for guided study will be accepted only through the first week of the semester.

At most one course unit of Independent Study, Guided Study, or Independent Research may count as one of the Mathematics or Statistics options for a major. The total course load of a student taking Independent Study, Guided Study, or Independent Research should be at most 4.5 course units. Independent Study, Guided Study, or Independent Research courses may not be taken in order to improve a grade, or to replace a course that a student failed to sign up for.

### **II. Learning Goals**

1. A deep understanding of some selected topics in statistics.
2. To improve student's ability to work and collaborate with peers.
3. To improve a student's ability to read and write in statistics.
4. To improve a student's ability to conduct literature searches in the discipline.
5. To improve a student's ability to communicate orally to their peers topics in the discipline.

### **III. Students Assessment**

Students will meet with their faculty mentor on a weekly basis. They will have weekly assignments that they will discuss with their peers and the faculty mentor. They will be continuously assessed, by the faculty mentor, based on their weekly progress. At the end of the semester students must present the results of their study to the faculty mentor.

### **IV. Learning Activities**

The learning activities will be decided by the faculty mentor. They will be specified in the original proposal submitted to the department chairperson for approval.

Approved: 1/29/2025