

# **STA 492: Guided Study in Statistics II**

## **I. Basic Course Information**

STA 492 is an upper-level course in statistics for students interested in studying topics that are not covered in the regularly offered statistics courses. The course is given as a group study course. A small group of students agrees to take the course and work together during the semester on a specific topic. To register for the course, students must make arrangements with a faculty member of the department who agrees to serve as a mentor for the guided study. Students must have a 3.0 GPA in their mathematics and statistics courses to register for the course.

The faculty mentor and student(s) 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 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.

## **II. Learning Goals**

1. A thorough understanding of some selected topics in statistics.
2. To improve students' ability to work and collaborate with peers.
3. To improve a student's ability to read and write statistics.

## **III. Student 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 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.