Qualifications for Teaching STAT 450

Description

STAT 450 is an upper-division undergraduate course covering essential elements of statistical theory, including estimation, testing, confidence intervals, and asymptotics. The course taken primarily by students in the Statistics and Actuarial Science as an elective for the major program or as a requirement for the honours program.

Qualifications

Education:

- **Required:**
    - An M.Sc. or Ph.D. in Statistics or a closely related field (e.g., Biostatistics or Actuarial Science), OR
    - An M.Sc. or Ph.D. in another discipline, accompanied by evidence of successful completion of sufficient course work in Mathematical Statistics. Evaluation of the adequacy of this qualification is at the chair's discretion.
- **Recommended:**
    - A Ph.D. in Statistics or a closely related field.
    - Completion of teaching workshops, certificates, or other formal instruction in teaching.

Teaching Experience:

- **Recommended:**
    - Prior teaching experience with good evaluations.
    - Familiarity with course delivery systems (especially Canvas)

Practical Experience:

- **Recommended:**
    - Publication in journals in Statistics or closely related disciplines
    - Accreditation from some statistical society.

Communication:

- **Required:**
    - o Excellent oral and written communication skills

Applicants who have not previously been employed by the department may be required to give a guest or mock lecture to demonstrate teaching ability.

For more information, please contact the department chair at stchair@sfu.ca.

Last Modified 3 July 2019.