Qualifications for Teaching STAT 270

Description

STAT 270 is a calculus-based, first course in statistics and probability for students who plan to major in Statistics or Actuarial Science. It is also a service course for students in other technical disciplines. The audience consists of students who have had at least differential calculus, and either have taken or are taking integral calculus. The course has no specific software requirement; if software is used, it should be introduced and should be open source or available for download by students:

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 Statistics (e.g., equivalent to at least a minor in Statistics). Evaluation of the adequacy of this qualification is at the chair’s discretion.

- **Preferred:**
  - A Ph.D. in Statistics or a closely related field.
  - Completion of teaching workshops, certificates, or other formal instruction in teaching.

Teaching Experience:

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

- **Preferred:**
  - Accreditation from some statistical society.
  - At least one year in industry or government as statistician or similar job.

Communication:

- **Required:**
  - 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.

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