

Qualifications for Teaching STAT 100

Description

STAT 100 is a general education breadth course meant to introduce students to statistical thinking in everyday life. The audience typically contains students who are not quantitatively oriented and require a non-technical treatment of the subject. The course should avoid doing much computations and focus instead on concepts. If software is used, it should be widely accessible to students and easy to use. A list of software currently available to students is given here: <http://www.sfu.ca/itservices/technical/software.html>.

Qualifications

Education:

- **Required:**
 - An M.Sc. in Statistics or a closely related field (e.g., Biostatistics or Actuarial Science).
 - 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.
 - Experience teaching introductory Statistics and/or teaching in a large lecture theatre are especially valued.
 - Familiarity with course delivery systems (especially Canvas and/or CourSys)

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

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

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