

Qualifications for Teaching STAT 205

Description

STAT 205 is meant as a first course in Statistics teaching standard elementary statistical methods to a very general audience. The audience typically contains students who are not quantitatively oriented and require a gentle treatment of the subject. Use of software is at the instructor's discretion, and should be chosen based on ease of use and availability to students. 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. 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.
- **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.
 - 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:

- **Required:**
 - Experience with any statistical software package
- **Recommended:**
 - 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.

Last Modified 18 June 2018.