Sep 6 – Dec 5, 2023: Mon, 12:30–2:20 p.m. Burnaby

Oct 10, 2023: Tue, 12:30-2:20 p.m. Burnaby

Sep 6 – Dec 5, 2023: Wed, 12:30–1:20 p.m. Burnaby Dec 10, 2023 Sun, 12:00-3:00 p.m. Burnaby

Liangliang Wang lwa68@ sfu.ca

STAT 285, MATH 251, and one of MATH 232 or MATH 240, all with a minimum grade of C-.

Description

Review of probability and distributions. Multivariate distributions. Distributions of functions of random variables. Limiting distributions. Inference. Sufficient statistics for the exponential family. Maximum likelihood. Bayes estimation, Fisher information, limiting distributions of MLEs. Likelihood ratio tests. Quantitative.

- 1. Reviiets-of-Pnehability and Univariate Distributions
- 2. Multivariate Distributions
- 3. Distributions of Functions of Random Variables
- 4. Limiting Distributions
- 5. Inference. Suf icient Statistics for the Exponential Family.
- 6. Maximum Likelihood, Limiting Distributions
- 7. Bayes Estimation
- 8. Fisher Information
- 9. Likelihood Ratio Tests

and the ociated Policy on Conduct and Ethics for Candidates in the CIA Education System. For more information, please visit Obtained APCIDISALIC (lots Aerin New Cia-ica.ca/membership/university-accreditation-program-home/information-for-
Candidates/obtaining-uap-credits)
Assignments
Midterms (finatés)

## ACC DA

Students with a faith background who may need accommodations during the semester are encouraged to assess their needs as soon as possible and review the Multifaith religious accommodations website. The page outlines ways they begin working toward an accommodation and ensure solutions can be reached in a timely fashion.