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

Dec 10, 2023  
Sun, 12:00–3:00 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

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

## Description

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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. ~~Reviews of Probability~~ and Univariate Distributions
2. Multivariate Distributions
3. Distributions of Functions of Random Variables
4. Limiting Distributions
5. Inference. Sufficient Statistics for the Exponential Family.
6. Maximum Likelihood, Limiting Distributions
7. Bayes Estimation
8. Fisher Information
9. Likelihood Ratio Tests



**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.