

EXMD 521. COMPUTATIONAL METHODS SINGLE- CELL ANALYTICS.

Credits: 3

Offered by: Medicine (Faculty of Medicine & Hlth Sci)

Terms offered: Fall 2025

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Description

Computational methods (particularly machine learning methods) for various single-cell data analysis, modelling, and visualization tasks that could drive novel biomedical discoveries, focusing on “real-world” biomedical applications.

- Prerequisites: MATH 203, MATH 223, MATH 323, one course in computer programming and additional background in Calculus and Probability is required (e.g., MATH 222, MATH 204), or permission of the instructor.
- Restrictions: Not open to students who have taken or are taking BMDE 521.

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