EPIB 637. ADVANCED MODELING: SURVIVAL AND OTHER MULTIVARIABLE DATA.

Credits: 3

Offered by: Epidemiology and Biostatistics (Graduate Studies)

Terms offered: Winter 2027

View offerings for Winter 2027 (https://vsb.mcgill.ca/vsb/criteria.jsp?term=202701&courses=EPIB-637) in Visual Schedule Builder.

Description

Advanced applied biostatistics course dealing with flexible modeling of non-linear effects of continuous covariates in multivariable analyses, and survival data, including e.g. time-varying covariates and time-dependent or cumulative effects. Focus on the concepts, limitations and advantages of specific methods, and interpretation of their results. Students will get hands-on experience in the implementation of selected methods by applying them to their own multivariable data, in individual survival analysis projects.

- Prerequisite(s): EPIB 621, or equivalent, or permission of the instructor.

Most students use Visual Schedule Builder (VSB) to organize their schedules. VSB helps you plan class schedules, travel time, and more.

Launch Visual Schedule Builder (https://vsb.mcgill.ca/vsb/criteria.jsp)