

Calculus for the Life Sciences

MODELLING THE DYNAMICS OF LIFE, FIRST CANADIAN EDITION,

introduces first-year life sciences majors to the insights and applications of calculus in the biological sciences. Designed to help life sciences students understand the role mathematics has played in breakthroughs in epidemiology, genetics, physiology, and other biological areas, this text provides students with a thorough foundation in both mathematics and the language and “technology of thought” with which these developments are created and controlled.

Calculus for the Life Sciences: Modelling the Dynamics of Life, First Canadian Edition, has a number of unique features and benefits, including

- Examples and scenarios relevant to life sciences students in Canada
- A wide variety of modelling problems to emphasize consistently the importance of interpretation, in addition to routine skills problems
- Over 50 exercises designed to be explored on a graphing calculator (preferably programmable) or on a computer, using software such as Maple
- Projects in each chapter that are suitable for individual or group exploration
- Enhanced WebAssign® homework management system



WebAssign® is a powerful instructional tool that delivers automatic grading solutions for math courses and reinforces student learning through practice and instant feedback. This proven and reliable homework system allows instructors to assign, collect, grade, and record homework assignments via the web.



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