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**Sinopsis**

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Biological systems are often best explored and explained using the power of maths - from the rate at which enzymes catalyse essential life processes, to the way populations ebb and flow as predators and prey interact. Mathematical tools lie at the heart of understanding biological systems - and mathematical skills are essential for success as a bioscientist.

Core Maths for the Biosciences introduces the range of mathematical concepts that bioscience students may encounter - and need to master - during the course of their studies. Starting from fundamental concepts, the book blends clear explanations and biological examples throughout as it takes the reader towards some of the most sophisticated yet elegant mathematical tools in use by biologists today.

Reflecting the use of maths in the exploration of biology today, the book shows how computational approaches are applied to probe biological questions, and makes extensive use of computational support to help the reader develop mathematical skills for themselves - both through online graph-plotting software, and interactive ExcelIRG workbooks.

Core Maths for the Biosciences is the ideal course companion as you master the mathematical skills you need to complete your undergraduate studies.