

# SE u3a Forum Summer School

Monday 7<sup>th</sup> – Thursday 10<sup>th</sup> September 2026

University of Chichester



## Mathematics for life

We'll be looking at a number of ways in which mathematics explains various aspects of life, such as genetics, epidemiology and our social interactions, together with some mathematics in history.



Along the way, we'll be doing some puzzles each day, playing mathematical games, and constructing some fancy geometric models.

This course requires no background in mathematics beyond O-level.

## About the Tutor

Roger has been running the mathematics course for several years now at summer school, with a different yearly focus each time. It's based on two u3a Mathematics groups he leads in his home u3a, where he also runs a monthly pub quiz and a physics group.

## Summer School Course – 2026

We hope to cover, amongst other topics, the following:

- genetics and DNA
- the spread of disease, and the R-number
- why you apparently have fewer friends than your friends do
- populations and demography
- the Babylonians counting system
- how Euler analysed the bridges of Konigsberg

We might also learn some mathematical card tricks!

*For further information **about the course**, please contact the tutor*

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Tutor - Mathematics

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