THE COURSE CONSISTS OF:

- STATISTICS AND PROBABILITY (S)
- FINANCE (F)
- MATHEMATICAL MODELLING (MM)
- PLANING AND DECISION MAKING (DM)
- STATISTICS PROJECT (P)

Working with r-Studio and EXCEL will be a continuous theme throughout the course and be used most weeks, building on the knowledge from lessons.

The project will be completed in the second term.

	CHANGE OF TIMETABLE
JUNE (4 weeks)	Introduction to r-studio Fermi Problems (MM) Tree diagrams (S) Venn Diagrams (s)
	SUMMER HOLIDAYS
AUG-OCT (7 weeks)	Effective rates of Interest (F) Excel calculations (F) Appropriate units/ error & tolerance (MM) r-studio Statistical diagrams (S) Types of data and Distributions (S) Linear regression (S) Pearsons (S)
	OCTOBER HOLIDAYS
OCT – DEC (8 weeks)	Hypothesis tests (S) Confidence intervals (S) t-tests (S) PROJECT (P)
	CHRISTMAS HOLIDAYS
JAN – FEB (4 WEEKS)	PERT charts (DM) Gantt Charts (DM)
	PRELIMS
FEB – MARCH (7 WEEKS)	Loans and payments (F) Excel GOAL SEEK (F) Insurance (F) TAX (F)
	EASTER HOLIDAYS
APRIL (2 WEEKS)	REVISION AND PAST PAPER QUESTIONS