

Mathematical methods in biology

Part 1: Simple models & basic calculus

Part 2: Probability theory

Part 3: Vectors and matrices

Part 4: Dynamic models

Tuesday & Thursday 10:15 – 11:45

Tue 26 January cancelled

Info, lecture notes, homework, solutions, handouts:

www.mv.helsinki.fi/home/kisdi/mathmet/

HOMEWORK EXERCISES are the main learning tool!

Background for Part 4:

- Excel or similar software to make plots
- Part 1: derivative, equations like $dx/dt=rx(1-x/K)$

Language

QUESTIONS / feedback

Office hour: after the Thursday classes or email when you come, **eva.kisdi@helsinki.fi**

Exam: problem solving, similar to homework

everything can be used (no sharing)

exercise class activity decides marginal grades

3 op for Part 1