

Student Profile

Name:

SN

I. Pick four of the listed projects you would prefer to work on and number them from 1 to 4, with number 1 as the most preferred and 4 the least preferred project among the four.

- Modelling competition between languages
- Modelling traffic flow
- Modelling tumor growth
- Modelling leukaemia chemotherapy
- Modelling Hepatitis C infection
- Antibody-dependent enhancement
- Modelling the effect of pathogen mutation on the spread of epidemics
- Controlling the spread of epidemics
- Predator-prey dynamics
- Competing species
- Mode locking in a model for the cell cycle

II. If you have already made arrangement with other students to form a team, please list their names (no more than four, of course)

III. Among the listed courses below, mark the ones you took in the past or are currently taking. You can also let me know your grades but this is **entirely voluntary**.

- Math 410: Matrix Analysis
- Math 413: Linear Algebra
- Math 454: ODE's and Stability Theory
- Math 456: Applied PDE's
- Math 464: Theory of Probability
- Math 475A-B: Numerical Analysis

IV. Check the statements that apply to you.

- You worked as a team before.
- You took a class on computer programming before.
- You worked with Matlab, or Maple or Mathematica before.