



## MAT1251 Exercises on the use of mathematical software

[15h] 2 credits

This course is taught in the 2nd semester

**Teacher(s):** Christian Fabry  
**Language:** French  
**Level:** First cycle

### Aims

Be able to use mathematical software in order to solve, by numerical or symbolic computations, scientific problems from various disciplines.

### Main themes

The activity will consist in training sessions for a mathematical software that the students will be invited to use for the solution of scientific problems. This work will end up by the production of a report.

**Other information (prerequisite, evaluation (assessment methods), course materials recommended readings, ...)**

Prerequisites : Courses of the first year in mathematics and physics, or equivalent..

Evaluation : The evaluation will be based on the report, and on a discussion in relation with this report.

Reference : S. Wolfram, The Mathematica Book, Wolfram Media, 1996.