



In view of the health context linked to the spread of the coronavirus, the methods of organisation and evaluation of the learning units could be adapted in different situations; these possible new methods have been - or will be - communicated by the teachers to the students.

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| 6 credits | 45.0 h + 10.0 h | Q1 |
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| Teacher(s) | Tossut Rosane ; |
| Language : | French |
| Place of the course | Mons |
| Main themes | Mathematical models for management, derivatives and integrals, optimization with one and two variables, matrix calculus, probability distributions, point estimates and confidence intervals, hypothesis testing |
| Aims | <p>Explain and exploit the probability model of a population Use adequately notions of mathematics to modelize and solve problems Formalize problems and develop their resolution Solve optimization problems Describe economic functions and represent them in a graphical way Describe statistical distributions using appropriate parameters Construct confidence intervals for statistical parameters Formulate and test statistical hypotheses Interpret mathematical and statistical parameters and results</p> <p>----- <i>The contribution of this Teaching Unit to the development and command of the skills and learning outcomes of the programme(s) can be accessed at the end of this sheet, in the section entitled "Programmes/courses offering this Teaching Unit".</i></p> |
| Faculty or entity in charge | CLSM |

| Programmes containing this learning unit (UE) | | | | |
|--|---------|---------|--------------|---|
| Program title | Acronym | Credits | Prerequisite | Aims |
| Master [60] in Management (shift schedule) | GEHM2M1 | 6 | |  |
| Master [120] in Management (shift schedule) | GEHM2M | 6 | |  |