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| 5.00 credits | 30.0 h | Q1 |
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| Teacher(s) | De Winne Rudy ; |
| Language : | French |
| Place of the course | Charleroi |
| Main themes | <p>Linear regression</p> <ul style="list-style-type: none"> • Revision of the method of least squares applied to the estimate of the regression line; • Generalisation of the regression analysis in the multivariate case; • Properties of parameter estimators; • Formulation and logical test of hypothesis relating to parameters; • Linearisable multivariate models. |
| Learning outcomes | <p>At the end of this learning unit, the student is able to :</p> <p>On completion of this course, students will be able: in terms of knowledge:</p> <ul style="list-style-type: none"> • to apply the principles and method of the multiple regression estimation models, both linear or linearised, to one or more explanatory variables. <p>1 in terms of skills:</p> <ul style="list-style-type: none"> • to ask pertinent questions, from a managerial perspective, regarding a proposed case and the characteristics of available data; • to select the appropriate statistical approach and apply it; • to provide methodologically correct answers to the problem posed after disciplined interpretation of results both statistically and at a managerial level. |
| Bibliography | <ul style="list-style-type: none"> • JOHNSTON J., DINARDO J. (1999), Méthodes Econométriques, Economica, traduction de JOHNSTON J., DINARDO J. (1997), Econometric Methods, 2th ed. Mc Graw'Hill. |
| Faculty or entity in charge | CLSM |

| Programmes containing this learning unit (UE) | | | | |
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| Program title | Acronym | Credits | Prerequisite | Learning outcomes |
| Master [120] in Management (shift schedule) | GEHC2M | 5 | |  |
| Master [60] in Management (shift schedule) | GEHC2M1 | 5 | |  |