

4.0 credits

30.0 h + 15.0 h

2q

Teacher(s) :	Dehez Pierre ;
Language :	Français
Place of the course	Louvain-la-Neuve
Main themes :	<p>As a matter of illustration, here are possible topics:</p> <ul style="list-style-type: none"> <li>- conflict and cooperation</li> <li>- voting</li> <li>- measurement of power</li> <li>- social choice</li> <li>- fair division</li> </ul>
Aims :	<p>This course is an introduction to mathematical modelization in social sciences at large (economics, political science, sociology, law). It is not a course in mathematics and the prerequisite do not go beyond the basic college mathematics. Its aim is to help students to develop an analytical capacity through a systematic and rigorous use of simple concepts of game and decision theory. <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>
Content :	The course consists of a series of lectures completed by exercises
Other infos :	<p>Prerequisite: None                      Rating: written examination.                      Support: lecture notes</p>
Cycle and year of study :	<p> <a href="#">&gt; Bachelor in Ancient and Modern Languages and Literatures</a>  <a href="#">&gt; Bachelor in Information and Communication</a>  <a href="#">&gt; Bachelor in Philosophy</a>  <a href="#">&gt; Bachelor in Pharmacy</a>  <a href="#">&gt; Bachelor in Ancient languages and Literatures : Classics</a>  <a href="#">&gt; Bachelor in Computer Science</a>  <a href="#">&gt; Bachelor in Modern Languages and Literatures: German, Dutch and English</a>  <a href="#">&gt; Bachelor in French and Romance Languages and Literatures : General</a>  <a href="#">&gt; Bachelor in Economics and Management</a>  <a href="#">&gt; Bachelor in Motor skills : General</a>  <a href="#">&gt; Bachelor in Modern Languages and Literatures : General</a>  <a href="#">&gt; Bachelor in History of Art and Archaeology : General</a>  <a href="#">&gt; Bachelor in Ancient Languages and Literatures: Oriental Studies</a>  <a href="#">&gt; Bachelor in Mathematics</a>  <a href="#">&gt; Bachelor in History</a>  <a href="#">&gt; Bachelor in Biomedicine</a>  <a href="#">&gt; Bachelor in Engineering</a>  <a href="#">&gt; Bachelor in Religious Studies</a>  <a href="#">&gt; Bachelor in Human and Social Sciences</a>  <a href="#">&gt; Bachelor in Sociology and Anthropology</a>  <a href="#">&gt; Bachelor in Political Sciences: General</a> </p>
Faculty or entity in charge:	ESPO