

3.0 credits	30.0 h	2q
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Teacher(s) :	Zayan René ;
Language :	Français
Place of the course	Louvain-la-Neuve
Main themes :	<p>Introduction: the status of comparative ethology in the context of the biological and psychological sciences. Animal, human and applied ethology.</p> <p>Chap 1: basic concepts and main themes. Links with phylogeny and physiology.</p> <p>Chap 2: evolution of the behavioural field: "Umwelt" of species, segmental determinism and structure of the subjective space. Links with the body structures.</p> <p>Chap 3: Sensori-motor bases of behaviour. Sensory modalities. Sensori-motor control. Automatismes and control. Reafferences.</p> <p>Chap 4: Imprinting and its effects on the development of behaviours. Parental relationships. Sexual imprinting.</p> <p>Chap 5: Sexual link and parental behaviour.</p> <p>Chap 6: Communication and social behaviour in Invertebrates and Vertebrates. Symbolic language (particularly in primates and in humans)</p> <p>Chap 7: Social hierarchy and aggressive regulation. Rhythms, migrations and applications in human ethology.</p>
Aims :	<p>- to teach the main principles of behavioural sciences in a biological perspective.</p> <p>- to establish a link between human psychology and the concepts and methods of comparative ethology.</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>
Content :	<ol style="list-style-type: none"> <li>1) Ethology and animal psychology: history and specificity of each field. Modern ethology (basic, applied and human) among the other natural and social sciences.</li> <li>2) Ethological explanation of behaviour, mainly social: immediate causality (perception, motivation), ontogenetic development, adaptive function, phylogenetic evolution.</li> <li>3) The processes of social recognition: imprinting and preprogrammed learning, mental and neuronal representation of familiar conspecifics, individual recognition.</li> <li>4) Social structures (dominance hierarchies, territoriality, sexual preferences and kinship)</li> <li>5) Primate political behaviour and human ethology (political leadership, sexual seduction, non verbal communication)</li> <li>6) Relationships between man and domestic animals: animal welfare and social stress, ethical problems.</li> </ol>
Other infos :	Written examination, assessing abilities to synthesise and critically analyse the contributions of ethology and of comparative psychology.
Cycle and year of study :	<p><a href="#">&gt; Bachelor in Psychology and Education: General</a></p> <p><a href="#">&gt; Bachelor in Psychology and Education : Speech and Language Therapy</a></p> <p><a href="#">&gt; Bachelor in Information and Communication</a></p> <p><a href="#">&gt; Bachelor in Philosophy</a></p> <p><a href="#">&gt; Bachelor in Law</a></p> <p><a href="#">&gt; Bachelor in Engineering : Architecture</a></p> <p><a href="#">&gt; Bachelor in Economics and Management</a></p> <p><a href="#">&gt; Bachelor in Motor skills : General</a></p> <p><a href="#">&gt; Bachelor in Human and Social Sciences</a></p> <p><a href="#">&gt; Bachelor in Sociology and Anthropology</a></p> <p><a href="#">&gt; Bachelor in Political Sciences: General</a></p> <p><a href="#">&gt; Bachelor in Mathematics</a></p> <p><a href="#">&gt; Bachelor in Biomedicine</a></p> <p><a href="#">&gt; Bachelor in Pharmacy</a></p> <p><a href="#">&gt; Bachelor in Religious Studies</a></p>
Faculty or entity in charge:	PSP