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| <b>General Information</b> |                                       |
| Academic subject           | Physiological Psychology              |
| Degree course              | Psychological Sciences and Techniques |
| ECTS credits               | 9                                     |
| Compulsory attendance      | No                                    |
| Language                   | Italian                               |

|                        |                |                         |          |
|------------------------|----------------|-------------------------|----------|
| <b>Subject teacher</b> | Name Surname   | Mail address            | SSD      |
|                        | Davide Rivolta | davide.rivolta@uniba.it | M-PSI/02 |

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|-----------------------------|--|--|--|
| <b>ECTS credits details</b> |  |  |  |
| Basic teaching activities   |  |  |  |

|                       |                    |
|-----------------------|--------------------|
| <b>Class schedule</b> |                    |
| Period                | Semester I         |
| Year                  | 2018 - 2019        |
| Type of class         | Lecture- workshops |

|                          |     |
|--------------------------|-----|
| <b>Time management</b>   |     |
| Hours measured           |     |
| In-class study hours     | 60  |
| Out-of-class study hours | 165 |

|                          |            |
|--------------------------|------------|
| <b>Academic calendar</b> |            |
| Class begins             | March 2019 |
| Class ends               | June 2019  |

|  |  |
|--|--|
| <b>Syllabus</b>  |  |
| Prerequisite requirements                                    |  |
| Expected learning outcomes (according to Dublin Descriptors) | <p><i>Knowledge and understanding</i></p> <ul style="list-style-type: none"> <li>- Knowledge of the anatomo-physiological bases of human psychology</li> </ul> <p><i>Applying knowledge and understanding</i></p> <ul style="list-style-type: none"> <li>- Knowledge of the basic neurophysiological mechanisms of the main neurologic (e.g., epilepsy) and psychiatric (e.g., schizophrenia) disorders.</li> </ul> <p><i>Making informed judgements and choices</i></p> <ul style="list-style-type: none"> <li>- Ability to synthesize and compare the neurophysiological bases of various systems (e.g., visual, motor) in typical and atypical populations.</li> </ul> <p><i>Communicating knowledge and understanding</i></p> <ul style="list-style-type: none"> <li>- Communicating through a personal style and a proper terminology what one has learned during the course.</li> </ul> <p><i>Capacities to continue learning</i></p> <ul style="list-style-type: none"> <li>- Understanding, analysis and processing of texts concerning physiological psychology and neuroscience, in order to expand one's knowledge autonomously.</li> </ul> |

|                     |  |
|---------------------|--|
| Contents            | <p>The course aims to introduce the students to the anatomo-physiological bases of behaviour, with particular reference to:</p> <ul style="list-style-type: none"> <li>- Anatomy of the central and peripheral nervous systems</li> <li>- Neuron and neural communication</li> <li>- Neurotransmission</li> <li>- The five senses</li> <li>- Motor and somatosensory systems</li> <li>- Emotions and motivation</li> <li>- Sleep</li> <li>- Cognition (e.g., memory, language, face and object recognition)</li> <li>- Moral development</li> <li>- Neurologic and psychiatric disorders (e.g., epilepsy, Alzheimer disease).</li> </ul> |
| Course program      |  |
| Bibliography        | <ul style="list-style-type: none"> <li>- Bear M.F., Connors B.W &amp; Paradiso M.A. (2016). <i>“Neuroscienze: Esplorando il cervello”</i>, Ed. Edra, Milano.</li> </ul>  |
| Notes               |  |
| Teaching methods    | Instruction will mainly be teacher centred. Some practical classes will be given through multimedia material.  |
| Assessment methods  | The assessment will consist in a written and oral exam. The possibility to sustain the oral exam will <i>only</i> be given to students who pass the written exam.  |
| Further information |  |