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## DOCTORAL SCHOOL „EDUCATION, REFLECTION, DEVELOPMENT”

### THEMES FOR ADMISSION EXAM AT THE DOCTORATE, SESSION SEPTEMBER 2017

(For the written exam sustained by foreign candidates)

#### THE DOMAIN „EDUCATIONAL SCIENCES”

1. Contemporary pedagogy – directions for research and action
2. Paradigms of traditional and modern didactics
3. Teaching, learning and evaluation in teachers’ practice
4. Educational and curricular reforms around the world

#### Specifications:

1. In their papers, the candidates will use fundamental bibliographical sources appeared in the domain, in different countries of the world.
2. The evaluation criteria take into account the written treatment of the subject / subjects in accordance with the specific theme of the doctoral program undertaken.

## **THE DOMAIN „PSYCHOLOGY”**

1. Principles and models of interdisciplinary (ethological and evolutionary) investigations of human behavior, applied to psychology and sciences of education – references 1, 2, 3 and 4
2. Methods of analysis and synthesis of scientific literature (meta-analysis and systematic review) – references 5, 6 and 7

### **Specifications:**

3. In their papers, the candidates will use fundamental bibliographical sources appeared in the domain, in different countries of the world.
4. The evaluation criteria take into account the written treatment of the subject / subjects in accordance with the specific theme of the doctoral program undertaken.

### **References:**

1. Geary, D.C. (2002). Principles of evolutionary educational psychology. *Learning and individual differences*, 12: 317-345.
2. Griffiths, P.E. (in press). Ethology, Sociobiology and Evolutionary Psychology. In Blackwell's Companion to Philosophy of Biology, Sarkar, Sarkar and Plutynski, Anya (eds).
3. Geary, D.C. (2008). An Evolutionarily Informed Education Science. *Educational Psychologist*, 43: 179-195.
4. Genovese, J.E.C. (2003). Piaget, Pedagogy and Evolutionary Psychology. *Evolutionary Psychology*, 1:127-137.
5. Sanchez-Meca, J., Marin-Martinez, F. (2010). Meta-analysis in psychological research. *International Journal of Psychological Research*, 3:151-163.
6. Quintana, S.M., Minami, T. (2006). Guidelines for meta-analyses of Counseling Psychology Research. *The Counseling Psychologist*, 34:839-877.
7. Uman, L.S. (2011). Systematic Reviews and Meta-analyses. *J Can Acad Child Adolesc Psychiatry*, 20:57-59.