Name of the course: SEMINARS ON RESEARCH OF NEURAL BASIS OF SPORTS ACTIVITIES Teacher(s): Filipović R. Saša, Mrdaković D. Vladimir, Bjekić Jovana Course status: elective Number of ECTS points: 10 **Requirement:** completed subject Research on the neural basis of sports activities Course objective: The aim of the course is to study research problems in the field of neuroscience in sports, with the purpose of focusing students on creating a critical review of the problems of previous research and based on that to create conceptual solutions for potential experimental settings. **Outcome of the course:** Students are expected to be able to: recognize current research problems related to research in sports from the perspective of neuroscience master the basic methodology in creating research in the field of application of neuroscience in define the research problem and implement all the necessary phases in its solution. **Content of the course:** Analysis of scientific papers on selected topics within the field - neuroscience in sports. Writing review papers on selected topics within the field - neuroscience in sports. Writing a draft research project on a selected topic within the field - neuroscience in sports. **Recommended literature** Original scientific papers Number active classes Theory: 4 Practice: **Course delivery methods**

Theoretical lectures. Laboratory work. Study research.

Knowledge assessment (maximum number of points 100)

Class activity - 30

Colloquium, study research work - 30

Oral exam - 40

Testing ways may vary: (written exams, oral exams, project presentations, seminars, etc.)

*maximum length 1 A4 page