**COURSE CATALOGUE**

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| **Unit course: ECONOMETRICS AND ECONOMIC STATISTICS** |
| **Study programme: Entrepreneurship and Business Administration** |
| **Course code: F.01.O.001** | **Number of credits:****5** | **Semester: I** | **Length: 15 week** |
| **Type of activities:****Course: 20****Seminar: 20****Laboratory: -** | **Number of hours** | **Number of students:****25** |
| **Direct Contact** **40** | **Indirect Contact /****Individual study****110** |
| **Prerequisites:** knowledge of the primarily algebra, calculus and statistics |
| **Corse outcomes:** The course aims to form a culture and a statistical education modelled economic applied, that would allow the future graduate to capitalize on his statistical, mathematical and econometric thinking, with an emphasis on economic reality. Applying the contemporary research methodology, ideas, algorithms or mathematical models in solving practical problems |
| **Contents (descriptive):** STATISTICS AS A SCIENCE, INSTRUMENT OF KNOWLEDGE IN ECONOMY; OBSERVATION, PRIMARY SYSTEMATIZATION AND PRESENTATION OF DATA IN STATISTICS; PRESENTATION OF DATA IN STATISTICS. GRAPHICAL REPRESENTATION OF DATA; ANALYSIS OF THE RELATIONSHIP BETWEEN PHENOMENA AND ECONOMIC-SOCIAL PROCESSES; STATISTICAL INDICATORS; THE ECONOMIC AND MATHEMATICAL BASIS OF ECONOMETRIC; THE MAIN TYPES OF ECONOMETRIC MODELS USED IN ECONOMICS; ECONOMETRIC MODELING; PROBLEMS AND APPLICATIONS. |
| **Teaching and learning methods:*** **Synchronous communication**: peer review and tutoring for teaching in the classroom(Synthesis course, f2f and / or e-platform);
* **Asynchronous communication** through e-platform (MOODLE), group activities, question and answer forums, online interaction.
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| **Assessment methods:** Written test |
| **Conditions for obtaining credits:** Promoting the Written test with the grade 5. Attending at least 30 hours of course |
| **Course Coordinator:** Bîrlea Svetlana, PhD, associate professor |
| **Language of instruction:** Romanian language |
| **Other Information:** |