

**SHORT DESCRIPTION OF THE COURSE: „EXTREME VALUE THEORY”  
 2017 - 2018**

**1. Program data**

|                           |                  |
|---------------------------|------------------|
| <b>1.1 Department of</b>  | Exact Sciences   |
| <b>1.2 Institution</b>    | Romanian Academy |
| <b>1.3 Field of study</b> | Mathematics      |
| <b>1.4 Cycle</b>          | Doctoral         |

**2. Topics Data**

|   |                        |                     |   |                            |    |                              |      |
|---|------------------------|---------------------|---|----------------------------|----|------------------------------|------|
| <b>2.1 Name</b>                                 | Extreme Value Theory   |                     |   |                            |    |                              |      |
| <b>2.2 Instructor of the course</b>             | Prof Dr. Lucian Beznea |                     |   |                            |    |                              |      |
| <b>2.3 Instructor of the seminar/recitation</b> | Prof Dr. Lucian Beznea |                     |   |                            |    |                              |      |
| <b>2.4 Instructor of the lab</b>                |                        |                     |   |                            |    |                              |      |
| <b>2.5 Year of study</b>                        | I                      | <b>2.6 Semester</b> | I | <b>2.7 Evaluation type</b> | E* | <b>2.8 Type of the class</b> | DS** |

**3. Timpul total estimat (ore pe semestru al activităților didactice)**

|  |     |                    |    |                |              |  |
|--|-----|--------------------|----|----------------|--------------|--|
| <b>3.1 Hours per week</b>  | 4   | <b>From which:</b> |    |                |              |  |
| <b>3.2 course</b>  | 2   | <b>3.3 seminar</b> | 2  | <b>3.4 lab</b> | 0            |  |
| <b>3.5 Total ore din planul de învățământ</b>  | 56  | <b>From which:</b> |    |                |              |  |
| <b>3.6 course hours</b>  | 28  | <b>3.7 seminar</b> | 28 | <b>3.8 lab</b> | 0            |  |
| <b>Distribution of time:</b>   |     |                    |    |                | <b>hours</b> |  |
| <b>Study lecture notes, texbooks and other support</b>   |     |                    |    |                | 60           |  |
| <b>Additional documentation in the library, on specialized electronic platforms and in the field</b> |     |                    |    |                | 100          |  |
| <b>Preparation of seminars / laboratories, homework, papers, portfolios and essays</b>               |     |                    |    |                | 100          |  |
| <b>Tutorials</b>   |     |                    |    |                | 55           |  |
| <b>Examinations</b>  |     |                    |    |                | 4            |  |
| <b>Other activities:</b>   |     |                    |    |                | -            |  |
| <b>3.9 Total hours of individual study</b>   | 319 |                    |    |                |              |  |
| <b>3.10 Total hours per semester</b>   | 375 |                    |    |                |              |  |
| <b>3.11 Credit numbers</b>   | 15  |                    |    |                |              |  |

**4. „Learning outcomes” and specific skills acquired**

|   |
|---|
| <p>1. Learning the subject taught in the course;<br/>                 2. Ability to use the results presented in new contexts;<br/><br/>                 3. The knowledge and skills acquired in this discipline will be the basis of future scientific and didactic research activities.</p> |
|---|

**5. Evaluation**

| <b>Activity Type</b>  | <b>5.1 Evaluations criteria</b> | <b>5.2 Evaluation Methods</b> | <b>5.3 Grade weights</b> |
|---|---------------------------------|-------------------------------|--------------------------|
| <b>5.4 Course</b>   | Acquired knowledge              | Written exam                  | 65%                      |
| <b>5.5 Seminar</b>  | Activity                        | Oral exam                     | 35%                      |
| <b>5.6 Laboratory</b>   |                                 |                               |                          |
| <b>5.7 Minimal standard performance: 70% or more knowledge of the course material</b> |                                 |                               |                          |

Signature of course instructor  
 Prof Dr. Lucian Beznea

Signature of Seminar instructor  
 Prof Dr. Lucian Beznea

Signature of Lab instructor

\*E = Examen. C = Colocquium.

\*\*DF = Fundamental Subjects. DS = Specialized Subject.