

ALEXANDRU IOAN CUZA UNIVERSITY FROM IAȘI  
 FACULTY OF PHYSICS  
 DOCTORAL SCHOOL  
 DOCTORAL DOMAIN: **Physics**  
 Title obtained: **Doctor in Physics**  
 Period of study: **3 years (180 credits)**  
 Mode of study : **ON CAMPUS**  
 Year of study: **I**  
 Semester:**I**

### STUDY PROGRAM

#### ADVANCED PROGRAM OF UNIVERSITARY EDUCATION Academic year 2016/2017

| <b>Nr. crt.</b>            | <b>Mandatory courses</b>   | <b>Hours of courses</b> | <b>Examination form</b> | <b>Credit numbers</b> |
|----------------------------|--|-------------------------|-------------------------|-----------------------|
| 1                          | Actual problems in magnetism   | 1                       | Exam                    | 5                     |
| 2                          | Special chapters of theoretical physics  | 1                       | Exam                    | 5                     |
| 3                          | Investigation techniques for the study of highly organized molecular structures  | 1                       | Exam                    | 5                     |
| 4                          | Advanced materials for functional applications   | 1                       | Exam                    | 5                     |
| 5                          | Actual problems in dielectrics physics. Advanced methods of characterization of the electrical properties of the materials | 1                       | Exam                    | 5                     |
| 6                          | Advanced applications of plasma in medicine and tnvironment  | 1                       | Exam                    | 5                     |
| <b>Total hours/week</b>    |  | <b>6</b>                | -                       | -                     |
| <b>Total hours/credits</b> |  | <b>84</b>               |                         | <b>30</b>             |

HEAD OF INSTITUTION  
 Prof. Tudorel Toader PhD

DEAN,  
 Assoc. prof. Sebastian POPESCU PhD

DIRECTOR OF DOCTORAL SCHOOL,  
 Prof. Diana MARDARE PhD