

Curriculum 2018-2021

| Disciplines & Activities | Sem. I | | Sem. II | | Examination | ECTS |
|--|-------------|---------------|-------------|---------------|-------------|------|
| | Cours hours | Seminar hours | Cours hours | Seminar hours | | |
| <i>Training program of advanced university studies¹</i> | | | | | | |
| 1. Institutions and institutionalism | 24 | 24 | | | E | 10 |
| 2. Aplications of nanoparticles | | | 4 | | E | 3 |
| 3. Modern methods in molecular sciences | | | 10 | | E | 5 |
| 4. Conceptual and empirical research methods | | 8 | | | E | 5 |
| 5. Research seminar | | 4 | | 14 | E | 4 |
| 6. Etics and academic integrity | 14 | | | | V | 3 |
| Hours and ECTS totals | 38 | 36 | 14 | 14 | | 30 |

| <i>Scientific research program</i> | Sem. II | Sem. III | Sem. IV | Sem. V | Sem. VI | Examination | ECTS |
|--|---------|----------|---------|--------|---------|-------------|------|
| Yearly progress reports | x | | x | | x | C | 30 |
| Update of the research project | | x | | | | | 20 |
| Report on the theoretical founding of the research | | x | | | | C | 25 |
| Report on the research methodology | | | x | | | C | 25 |
| Report regarding the preliminary research results | | | | x | | C | 25 |
| Report regarding the contribution of the research in respect with current scientific knowledge | | | | | x | C | 25 |
| Total ECTS | | | | | | | 150 |
| Overall total ECTS | | | | | | | 180 |

Director of the doctoral school,
Prof. Dr. Mihai Dima

¹ The disciplines listed here will be taught in a modular system. Doctoral students can, with the approval of their doctoral supervisor, replace disciplines 1-5 with relevant disciplines from the curricula of other doctoral schools.