

## *Faculty of Physics*

### **Courses offered in English in 2024/25 academic year within Erasmus+ Programme**

#### *Fall semester*

|              |  |         |
|--------------|--|---------|
| 390-ERS-1NKO | <a href="#">Computer Tools - lectures + lab</a>  | 3 ECTS  |
| 390-ERS-2AST | <a href="#">Astronomy - lectures + lab</a>   | 3 ECTS  |
| 390-ERS-2IPD | <a href="#">Individual Experimental Project - lab</a>  | 5 ECTS  |
| 390-ERS-2TER | <a href="#">Thermodynamics - lectures + colloquium seminar + lab</a>                           | 10 ECTS |
| 390-ERS-2EMT | <a href="#">Elements of Theoretical Mechanics - lectures + colloquium seminar</a>              | 9 ECTS  |
| 390-ERS-3BUM | <a href="#">Structure of Matter - lectures + colloquium seminar + lab</a>                      | 7 ECTS  |
| 390-ERS-2PFJ | <a href="#">Introduction to Nuclear and Elementary Particle Physics - lectures + lab</a>       | 7 ECTS  |
| 390-ERS-1FFS | <a href="#">Introduction to Condensed Matter Physics - lectures + colloquium seminar + lab</a> | 10 ECTS |
| 390-ERS-3EMK | <a href="#">Elements of Quantum Mechanics - lectures + colloquium seminar</a>                  | 9 ECTS  |

#### *Spring semester*

|              |   |         |
|--------------|---|---------|
| 390-ERS-2ASK | <a href="#">Astrophysics and Cosmology - lectures + colloquium seminar</a>            | 6 ECTS  |
| 390-ERS-2MON | <a href="#">Introduction to String Theory - lectures</a>                              | 3 ECTS  |
| 390-ERS-1FWE | <a href="#">High Energy Physics - lectures + colloquium seminar</a>                   | 9 ECTS  |
| 390-ERS-2OIF | <a href="#">Optics and waves - lectures + colloquium seminar + lab</a>                | 10 ECTS |
| 390-ERS-2EEK | <a href="#">Elements of Classical Electrodynamics - lectures + colloquium seminar</a> | 9 ECTS  |
| 390-ERS-3STF | <a href="#">Structure of Physics - lectures + colloquium seminar</a>                  | 5 ECTS  |
| 390-ERS-3ASD | <a href="#">Algorithms and Data Structures - lectures + lab</a>                       | 5 ECTS  |
| 390-ERS-2STW | <a href="#">Special Theory of Relativity - lectures + colloquium seminar</a>          | 3 ECTS  |
| 390-ERS-1FST | <a href="#">Statistical Physics - lectures + colloquium seminar</a>                   | 8 ECTS  |