**Jan Kochanowski University in Kielce**

**Faculty of Mathematics and Natural Sciences**

**Fields of study: Physics/Technical Physics**

**Institute coordinator: Jabłoński Łukasz, MSc**

**e-mail: lukasz.jablonski@ujk.edu.pl**

**PHYSICS/TECHNICAL PHYSICS**

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| --- | --- | --- | --- | --- |
| Course\* | Lecturer | Year of study | ECTS credits in the semester | |
| Winter  2018/19 | Summer  2017/18 |
| Physical laboratory II | U. Majewska, PhD/M. Wysocka-Kunisz, PhD/K. Szary, MSc | II/III Bachelor (Technical physics) | 5 ECTS | 5 ECTS |
| Physical laboratory III | U. Majewska, PhD/A. Kubala-Kukuś, PhD/I. Stabrawa, MSc/ Ł. Jabłoński, MSc | I/II Master  (Physics) | 7 ECTS | 7 ECTS |
| Basics of electrotechnics and electronics | R. Maj, PhD | III/IV Bachelor (Technical physics) | 4 ECTS | 4 ECTS |
| Diploma seminar | F. Giacosa, PhD, Associate Professor | II Master  (Physics) | 2 ECTS | 2 ECTS |
| Physical laboratory I | S. Wąsik, PhD/Ł. Jabłoński, MSC/ K. Szary, MSc | I/II Bachelor (Technical physics) | 4 ECTS | 4 ECTS |
| Biophysics | T. Kosztołowicz, PhD, Associate Professor /K. Szary, MSc | II Master  (Medicine) | ----------- | 3 ECTS |
| Relativistic quantum mechanics | S. Mrówczyński, Professor | PhD studies (Physics) | ----------- | 2 ECTS |
| Theory of relativity | W. Florkowski, Professor | PhD studies (Physics) | ----------- | 2 ECTS |
| Computer methods | W. Broniowski, Professor | PhD studies (Physics) | ----------- | 2 ECTS |
| Complex systems | W. Broniowski, Professor | PhD studies (Physics) | ----------- | 2 ECTS |
| Astrophysics | W. Florkowski, Professor | PhD studies (Physics) | ----------- | 2 ECTS |
| Quantum mechanics of many body systems | F. Giacosa, PhD, Associate Professor | PhD studies (Physics) | 2 ECTS | ---------- |
| Statistical mechanics | S. Mrówczyński, Professor | PhD studies (Physics) | 2 ECTS | ---------- |
| Quantum mechanics | F. Giacosa, PhD, Associate Professor | PhD studies (Physics) | 2 ECTS | ---------- |
| Theory of relativity | W. Florkowski, Professor | PhD studies (Physics) | 2 ECTS | ---------- |
|  |  | Total ECTS | 30 | 35 |

\*the other courses must be consulted individually; incoming student can also choose courses from the list of mathematics