Course for Ph.D. students
XLII Cycle (1 Nov 2026 – 31 Oct 2029)

Curriculum
Products for the food and health markets

Title
Aspects of Modern Manufacturing of Health Products
(1 ECTS)

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Course language: **English**

Approximative scheduling: **February – March 2027**

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Course description
In recent years pharmaceutical manufacturing is evolving at an unprecedented speed and innovations such as artificial intelligence are promising to further speed up pharmaceutical development and streamline aspect of industrial scale up and production.
The course will be organized in a series of seminars with the intervention of experts from the pharmaceutical and health product industry and give an overview of some pivotal aspects of the 4.0 industrial revolution in relevant aspects of the manufacturing, such as:

- Supply chain
- Digitalization and data integrity
- Artificial intelligence applied to pharmaceutical design and development
- Multidisciplinary collaboration in project management

Evaluation: YES (MCQ Test)