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| 2.0 credits | 15.0 h | 1q |
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| Teacher(s) : | Vanbever Rita ; |
| Language : | Français |
| Place of the course | Bruxelles Woluwe |
| Main themes : | 1. Pharmaceutical solutions : Dissolution Solubility Partition coefficient Osmotic pressure 2. The solid state : Solid state properties : The crystalline structure Polymorphism The amorphous state Solid dispersions Properties of powders : Particle size Particle shape Specific surface area Powder density Powder flowability and particles cohesion Wettability 3. Rheology : Fluid viscosity Determination of the flow properties of Newtonian fluids Types of non-Newtonian behavior Determination of the flow properties of non-Newtonian fluids 4. Disperse systems : Interfacial phenomena Liquid interfaces Solid interfaces Colloidal systems 5. Polymers : General properties of polymers Water-soluble polymers Water-insoluble polymers and polymeric membranes |
| Aims : | To assimilate the physicochemical principles necessary to the formulation of dosage forms <i>The contribution of this Teaching Unit to the development and command of the skills and learning outcomes of the programme(s) can be accessed at the end of this sheet, in the section entitled "Programmes/courses offering this Teaching Unit".</i> |
| Other infos : | Method 15 h lecture. |
| Cycle and year of study : | > Bachelor in Pharmacy |
| Faculty or entity in charge: | FARM |