

Annual Program of Industrial Pharmacy

N	Course title	Teacher	Proposed date(s)
	Production part		
1	Introduction to Industrial Pharmacy	Dr. OUAHAB Ammar	25/09/2023
2	Design of a pharmaceutical manufacturing plant	Dr. OUAHAB Ammar	02/10/2023
3	Formulation and scale up	Dr. OUAHAB Ammar	09/10/2023
4	Stability study	Dr. OUAHAB Ammar	16/10/2023
5	Marketing authorization	Dr. OUAHAB Ammar	23/10/2023
6	Pharmaceutical quality assurance and management	Dr. OUAHAB Ammar	30/10/2023
7	Qualification of production equipment	Dr. OUAHAB Ammar	06/11/2023
8	Process validation	Dr. OUAHAB Ammar	13/11/2023
9	Dissolution kinetics	Dr. OUAHAB Ammar	20/11/2023
10	Development of a new drug	Dr. CHAIRA Safa	27/11/2023 06/12/2023
11	Development of a generic drug	Dr. CHAIRA Safa	11/12/2023
12	Active substances: origins and specifications	Dr. CHAIRA Safa	18/12/2023 15/01/2024
13	Excipients: origins and properties	Dr. CHAIRA Safa	22/01/2024
	Control Part		
1	Quality control in GMP	Dr. CHAIRA Safa	29/01/2024
2	Organizational aspects of a control laboratory	Dr. CHAIRA Safa	05/02/2024
3	Control strategy (Control of raw materials, during manufacturing and the finished product)	Dr. CHAIRA Safa	12/02/2024
4	Sampling and collection	Dr. CHAIRA Safa	19/02/2024
5	Physico-chemical control (Validation and qualification)	Dr. CHAIRA Safa	26/02/2024
6	Pharmaco-technical control	Dr. CHAIRA Safa	04/03/2024
7	Biological Control	Dr. CHAIRA Safa	11/03/2024
8	Concepts of batch release and conformity	Dr. CHAIRA Safa	18/03/2024
9	Metrology-Qualification and calibration concepts/Connection/SCR concepts	Dr. OUAHAB Ammar	15/04/2024
10	Air treatment and contamination control	Dr. OUAHAB Ammar	22/04/2024

Teacher in charge