

• المنهاج الدراسي:

Practical Physical Pharmacy I

st Semester1Level: 2nd Class,

Credit hours/week: 1

Reference text: *Lab manual for Practical Physical Pharmacy Adopted by the Department.*

No	Lecture Title	Hour(s)
1	Introduction to physical pharmacy.	2
2	Expression of concentrations in pharmaceutical preparations.	6
3	Two component systems containing liquid phases.	6
4	Three component systems.	4
5	Tie linear for three component systems	6
6	Buffer solutions.	6

Practical Physical Pharmacy II

Semester Level: 2nd Class, 2nd

Credit hours/week: 1

Reference text: Lab Manual for Practical Physical Pharmacy Adopted by Department. the

No	Lecture Title	Hour(s)
1	Solubility	2
2	Solubilization by complexation.	2
3	Solubilization by surface active agents.	4
4	Determination of solubility product constant.	2
5	determination of partition coffecient.	4
6	Kinetics	8
7	Measurement of surface tension	2

8	Viscosity	6
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