

CHE (258)403	Unit Operations of Chemical Engineering III	3(3/3-0/0)
Abbreviation	UNIT OP CHEM ENG III	
Prerequisite	CHE 301	

Course Description

Distillation, gas absorption, fluidization and fluidized bed, liquid-liquid extraction, solid-liquid extraction, and crystallization.

Objective

Students will be able to understand principle, operation and design of unit operations involving fluidization, extraction, crystallization, distillation and gas absorption.

Course Content

	Lecture Hours
1. Distillation	10
1.1 Batch distillation	
1.2 Continuous distillation	
2. Gas absorption	8
3. Fluidization and fluidized bed	7
4. Liquid-liquid extraction	8
5. Solid-liquid extraction	7
6. Crystallization	5
Total	<hr/> 45 <hr/>