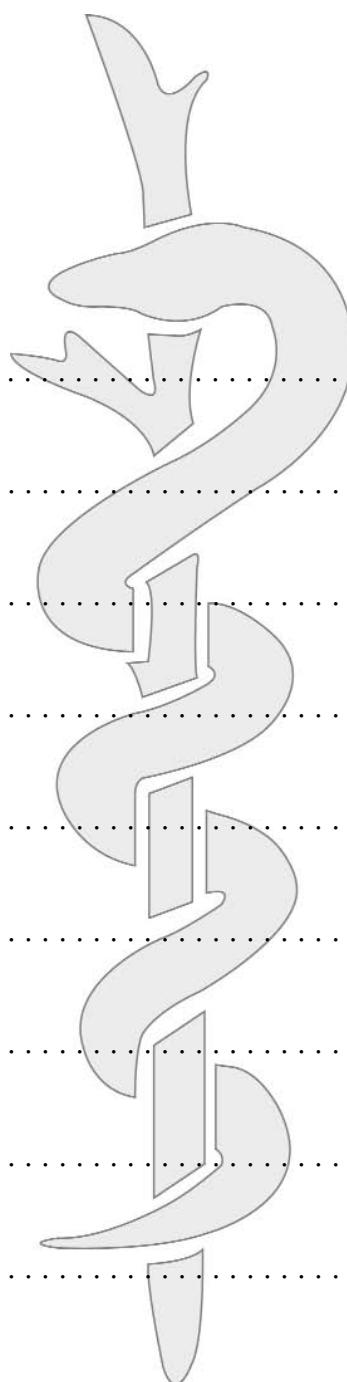


# Contents



Preface .....	9
<b>Unit 1</b>	
What is ‘pharmaceutics’? .....	11
<b>Unit 2</b>	
Oral solids, Tablets .....	22
<b>Unit 3</b>	
Oral liquids .....	27
<b>Unit 4</b>	
Suspensions .....	31
<b>Unit 5</b>	
Emulsions, Emulsion Theory .....	36
<b>Unit 6</b>	
The why and the wherefore .....	42
<b>Unit 7</b>	
The receptor role .....	48
<b>Unit 8</b>	
Pharmacokinetics .....	53
<b>Unit 9</b>	
Influenza (Seasonal) .....	59

» *Contents*

<b>Unit 10</b>	
Safety of pandemic (H1N1) 2009 vaccines . . . . .	67
<b>Unit 11</b>	
Access to medicines . . . . .	79
<b>Unit 12</b>	
Healthy lifestyle habits among Greek university students . . . . .	85
<b>Unit 13</b>	
The bacterial cell & Mechanisms of bacterial action . . . . .	97
<b>Unit 14</b>	
Drug resistance . . . . .	101
<b>Unit 15</b>	
Acid-Base Chemistry . . . . .	109
<b>Unit 16</b>	
General Principles of Catalysis . . . . .	118
<b>Unit 17</b>	
Primary and Secondary Metabolism . . . . .	128
<b>Unit 18</b>	
Toxicity . . . . .	134
<b>Unit 19</b>	
Pharmacogenetics . . . . .	142
<b>Unit 20</b>	
Toxicokinetic considerations . . . . .	151
<b>Unit 21</b>	
Methods to Reduce or Prevent Absorption . . . . .	157
<b>Unit 22</b>	
Sibutramine . . . . .	163
<b>Unit 23</b>	
Prescribing information . . . . .	170

**Unit 24**

Preparation of plant material . . . . . 181

**Unit 25**

Drugs derived from plants . . . . . 188

**Unit 26**

Nomenclature . . . . . 196

Bibliography . . . . . 203