

<b>Module Title:</b>	<b>Introduction to Pharmaceutical Science – Semester 3</b>
<b>Academic year:</b>	2008 – 2009
<b>Credit Value:</b>	5 - Mandatory
<b>Pre- requisites:</b>	None
<b>Assessment:</b>	50% Final Exam, 35% Practical, 15% Continuous Assessment (CA)
<b>Aims</b>	This module aims to provide the student with an understanding of the stepwise manufacture of tablets and some other pharmaceutical dosage forms
<b>Module Content</b>	<ul style="list-style-type: none"> <li>• Introduction to Pharmaceuticals</li> <li>• Pharmaceutical Products</li> <li>• Tablet Manufacture and Encapsulation</li> <li>• Topical Formulations</li> <li>• Closure and Closure Systems</li> <li>• Leaflet and Labelling Considerations</li> </ul>
<b>Intended Learning Outcomes:</b> (September 2007)	<p><b>On successful completion of the module the student will be expected to be able to:</b></p> <ol style="list-style-type: none"> <li>1. Differentiate between different classes of pharmaceuticals.</li> <li>2. Understand the mechanism of action of some common pharmaceutical agents.</li> <li>3. Explain the unit operations involved in the manufacture of a drug formulation.</li> <li>4. Prepare granulates, formulate tablets and analyse the final formulations.</li> <li>5. Differentiate between different types of packaging, closure systems and labels/leaflets used in pharmaceutical manufacturing environments.</li> <li>6. Understand the significance of labels and leaflets.</li> </ol>