

## B. Pharm Outline of the course contents

Semester Plan for 2013/2014 batch and onwards		
Course Code	Course Title	Credits
<b>Level 100 - Semester 1</b>		
AH 1101	English & Communication Skills 1(Foundation Course)	2*
AH 1102	Information Technology	2*
AH 1103	Basic Human Anatomy	2
AH 1104	Human Physiology 1	3
PM 1101	Social Pharmacy	1
PM 1102	General Microbiology	2
PM 1103	Biochemistry 1	2
PM 1104	Pharmaceutical Mathematics	2
PM 1105	Pharmaceutical Chemistry 1 (Organic)	3
Total Credits		<b>15</b>
<b>Level 100 -Semester 2</b>		
AH 1201	English & Communication Skills 2 (Foundation Course)	2*
AH 1202	Basic Statistics	2
AH 1203	General Pathology	2
AH 1204	Human Physiology 2	3
PM 1201	Physical Pharmacy 1	3
PM 1202	Pharmaceutical Microbiology	3
PM 1203	Biochemistry 2	2
Total Credits		<b>15</b>
<b>Level 200 -Semester 1</b>		
AH 2101	English & Communication Skills 3 (Foundation Course)	2*
PM 2101	Physical Pharmacy 2	3
PM 2102	Pharmaceutical Dosage Forms 1	3
PM 2103	Pharmacognosy 1	2
PM 2104	Pharmacology 1	3
PM 2105	Community Pharmacy Practice	2
PM 2106	Therapeutic Principles	2
PM 2107	IT for Pharmacy (Foundation Course)	1*
Total Credits		<b>15</b>
<b>Level 200 -Semester 2</b>		
PM 2201	Pharmaceutical Chemistry 2 (Analytical)	2
PM 2202	Pharmaceutical Dosage Forms 2	3
PM 2203	Pharmacognosy 2	3
PM 2204	Pharmacology 2	3
PM 2205	Pharmaceutical Technology	4
Total Credits		<b>15</b>

<b>Level 300 -Semester 1</b>		
PM 3101	Instrumental Methods in Pharmaceutical Chemistry	3
PM 3102	Pharmaceutical Dosage Forms 3	3
PM 3103	Pharmacognosy 3	3
PM 3104	Pharmacology 3	3
PM 3105	Hospital and Institutional Pharmacy	2
PM 3106	Novel Therapeutic Dosage Forms	2
Total Credits		<b>16</b>
<b>Level 300 -Semester 2</b>		
PM 3201	Bio-pharmaceutics	3
PM 3202	Pharmaceutical Biotechnology	3
PM 3203	Hospital Pharmacy Practice	3
PM 3204	Pharmacology 4	2
PM 3205	Research Methodology, Scientific Writing and Presentation	2
Total Credits		<b>13</b>
<b>Level 400 -Semester 1</b>		
PM 4101	Medicinal Chemistry 1	2
PM 4102	Clinical Pharmacy 1	3
PM 4103	Pharmacognosy 4	2
PM 4104	Pharmacy Law and Ethics 1	2
PM 4105	Pharmacoeconomics	3
Total Credits		<b>12</b>
<b>Level 400 -Semester 2</b>		
PM 4201	Medicinal Chemistry 2	3
PM 4202	Clinical Pharmacy 2	3
PM 4203	Pharmaceutical Management	3
PM 4204	Pharmacy Law and Ethics 2	2
PM **	Optional Module	2
Total Credits		<b>13</b>
PM 4106	Research Project	6
Total number of Credits without Research Project		114
Total number of Credits with Research Project		<b>120</b>
<b>Optional Modules</b>		
**PM 4205	Pharmaceutical Marketing Management	2
**PM 4206	Drug Discovery and Development	2
**PM 4207	Advanced Pharmacy Practice	2

AH- Modules common for other FAHS undergraduates

PM- Modules only offer for B. Pharm undergraduates

\* Credits are not calculated for the final GPA computation

\*\* Optional Module