

**Napata College**  
**Faculty Of Pharmacy Curriculum**  
**1<sup>st</sup> Year**

**Semester 1 (21Cr)**

**Semester 2 (22 Cr)**

<i>Code</i>	<i>Educational Unit</i>	<i>Credit</i>	<i>Code</i>	<i>Educational Unit</i>	<i>Cred</i>
<i>Ph111</i>	<b>Zoology</b>	<b>3</b>	<i>Ph121</i>	<b>Organic Chemistry 1</b>	<b>3</b>
<i>Ph112</i>	<b>General Chemistry</b>	<b>4</b>	<i>Ph122</i>	<b>Gross Anatomy</b>	<b>2</b>
<i>Ph113</i>	<b>Physics</b>	<b>3</b>	<i>Ph123</i>	<b>Pharmaceutics (introduction to Pharmacy)</b>	<b>3</b>
<i>CC111</i>	<b>Computer I</b>	<b>3</b>	<i>Ph124</i>	<b>Pharmacognostical Botany</b>	<b>3</b>
<i>CC112</i>	<b>Scientific English I</b>	<b>2</b>	<i>CC121</i>	<b>Computer II</b>	<b>3</b>
<i>CC113</i>	<b>Arabic Language</b>	<b>2</b>	<i>CC122</i>	<b>Mathematics</b>	<b>3</b>
<i>CC114</i>	<b>Islamic Studies</b>	<b>2</b>	<i>CC123</i>	<b>Scientific English II</b>	<b>2</b>
<i>CC115</i>	<b>Sudanese studies</b>	<b>2</b>	<i>CC124</i>	<b>Arabic Language</b>	<b>2</b>
	Total Credit Hours	22		Total Credit Hours	21

**2<sup>ND</sup> Year**

**Semester 3 (21 Cr)**

**Semester 4 (21 Cr)**

<i>Code</i>	<i>Educational Unit</i>	<i>Credit</i>	<i>Code</i>	<i>Educational Unit</i>	<i>Credit</i>
<i>Ph231</i>	<b>Physiology 1</b>	<b>3</b>	<i>Ph241</i>	<b>Physiology 2</b>	<b>3</b>
<i>Ph232</i>	<b>Pharmacognosy</b>	<b>3</b>	<i>Ph242</i>	<b>Pharmacognosy 2</b>	<b>3</b>

<i>Ph233</i>	<b>Biochemistry</b>	<b>3</b>	<i>Ph243</i>	<b>Biochemistry 2</b>	<b>3</b>
<i>Ph234</i>	<b>Physical chemistry</b>	<b>2</b>	<i>Ph244</i>	<b>Analytical chemistry 1</b>	<b>3</b>
<i>Ph235</i>	<b>Pharmaceutics</b>	<b>3</b>	<i>Ph245</i>	<b>Organic chemistry 3</b>	<b>3</b>
<i>Ph236</i>	<b>Organic chemistry</b>	<b>3</b>	<i>Ph246</i>	<b>Pharmaceutics 3</b>	<b>3</b>
<i>CC231</i>	<b>Arabic language</b>	<b>2</b>	<i>Ph247</i>	<b>Physiology 2</b>	<b>3</b>
<i>CC232</i>	<b>Islamic Studies</b>	<b>2</b>			
	Total Credit Hours	21		Total Credit Hours	21

### 3rd Year

#### Semester 5 (19 Cr)

#### Semester 6 (18 Cr)

<b><i>Code</i></b>	<b><i>Educational Unit</i></b>	<b><i>Credit</i></b>	<b><i>Code</i></b>	<b><i>Educational Unit</i></b>	<b><i>Credit</i></b>
<i>Ph351</i>	<b>Pathophysiology</b>	<b>2</b>	<i>Ph361</i>	<b>Pharmacology 2</b>	<b>3</b>
<i>Ph352</i>	<b>Pharmacology 1</b>	<b>4</b>	<i>Ph362</i>	<b>Pharmacognosy 4</b>	<b>3</b>
<i>Ph353</i>	<b>Pharmacognosy 3</b>	<b>3</b>	<i>Ph363</i>	<b>Pharmaceutical Microbiology 1</b>	<b>3</b>
<i>Ph354</i>	<b>Analytical chemistry 2</b>	<b>3</b>	<i>Ph364</i>	<b>Medicinal chemistry 1</b>	<b>3</b>
<i>Ph3515</i>	<b>Organic chemistry 4</b>	<b>3</b>	<i>Ph365</i>	<b>Analytical chemistry 3</b>	<b>3</b>
<i>Ph356</i>	<b>Pharmaceutics 4</b>	<b>4</b>	<i>Ph366</i>	<b>Pharmaceutics 5</b>	<b>3</b>
	Total Credit Hours	19		Total Credit Hours	18

## 4<sup>TH</sup> Year

### Semester 7 (21 Cr)

### Semester 8 (18 Cr)

<i>Code</i>	<i>Educational Unit</i>	<i>Credit</i>	<i>Code</i>	<i>Educational Unit</i>	<i>Credit</i>
<i>Ph471</i>	<b>Pathophysiology</b>	<i>4</i>	<i>Ph481</i>	<b>Pharmacology 2</b>	<i>3</i>
<i>Ph472</i>	<b>Pharmacology 1</b>	<i>2</i>	<i>Ph482</i>	<b>Pharmacognosy 4</b>	<i>3</i>
<i>Ph473</i>	<b>Pharmaceutical Microbiology</b>	<i>3</i>	<i>Ph483</i>	<b>Pharmaceutical Microbiology 1</b>	<i>3</i>
<i>Ph474</i>	<b>Analytical chemistry 2</b>	<i>3</i>	<i>Ph484</i>	<b>Medicinal chemistry 1</b>	<i>3</i>
<i>Ph475</i>	<b>Medicinal chemistry 2</b>	<i>3</i>	<i>Ph485</i>	<b>Analytical chemistry 3</b>	<i>3</i>
<i>Ph476</i>	<b>Pharmaceutics 4</b>	<i>4</i>	<i>Ph486</i>	<b>Pharmaceutics 5</b>	<i>3</i>
<i>Ph476</i>	<b>Pharmacy practice 1</b>	<i>2</i>			
	Total Credit Hours	21		Total Credit Hours	18

## 5<sup>TH</sup> Year

### Semester 9 (20 Cr)

### Semester 10 (19Cr)

<i>Code</i>	<i>Educational Unit</i>	<i>Credit</i>	<i>Code</i>	<i>Educational Unit</i>	<i>Credit</i>
<i>Ph591</i>	<b>Quality control</b>	<i>2</i>	<i>Ph5101</i>	<b>Pharmacy practice</b>	<i>3</i>
<i>Ph592</i>	<b>Emergency intervention</b>	<i>3</i>	<i>Ph5102</i>	<b>Molecular biology &amp;</b>	<i>3</i>

				<b>Biotechnology</b>	
<i>Ph593</i>	<b>Veterinary pharmacy</b>	<b>3</b>	<i>Ph5103</i>	<b>Forensic pharmacy &amp;Pharmaceutical Ethics</b>	<b>3</b>
<i>Ph594</i>	<b>Pharmacy practice 3</b>	<b>2</b>	<i>Ph5104</i>	<b>Clinical Pharmacy</b>	<b>4</b>
<i>Ph595</i>	<b>PharmaceuticalMicrobiol ogy 4</b>	<b>3</b>	<i>Ph5105</i>	<b>Research Project</b>	<b>3</b>
<i>Ph596</i>	<b>Research Methodology</b>	<b>2</b>	<i>Ph5106</i>	<b>Applied pharmacognosy</b>	<b>3</b>
<i>Ph597</i>	<b>Pharmaceutical Statistics</b>	<b>2</b>			
<i>Ph598</i>	<b>Emergency intervention</b>	<b>3</b>			
	Total Credit Hours	<b>20</b>		Total Credit Hours	<b>19</b>