

Study plan for Bachelor of Pharmacy program

First year (first semester)

Program Duration: 5 years

Total Program credit hours: 173 hrs.

Type of study : Regular (Full Time)

<u>Type</u>	<u>Subject</u>	<u>Subject Code</u>	<u>Cr.Hours</u>	<u>Lecture</u>	<u>Practical/seminar</u>
				<u>Contact hours</u>	
	<u>1.Arabic language</u>	<u>ARAB 101</u>	<u>2</u>	<u>2</u>	<u>-</u>
	<u>2.English language</u>	<u>ENGL 101</u>	<u>3</u>	<u>3</u>	<u>-</u>
	<u>3.Islamic Culture</u>	<u>ISLM 101</u>	<u>2</u>	<u>2</u>	<u>-</u>
	<u>4.Computer Skills</u>	<u>CS 101</u>	<u>2</u>	<u>1</u>	<u>2</u>
	<u>5. Introduction to Pharmacy Professional</u>	<u>PHAR 101</u>	<u>2</u>	<u>2</u>	<u>-</u>
	<u>6. General chemistry</u>	<u>CHEM 101</u>	<u>3</u>	<u>2</u>	<u>2</u>
	<u>7. General Biology</u>	<u>BIOL 101</u>	<u>3</u>	<u>2</u>	<u>2</u>
	<u>Total</u>		<u>17</u>	<u>14</u>	<u>6</u>

First year (second semester)

<u>Type</u>	<u>Subject</u>	<u>Subject Code</u>	<u>Cr.Hours</u>	<u>Lecture</u>	<u>Practical/seminar</u>
				<u>Contact hours</u>	
	<u>1.Communication Skills</u>	<u>COMS101</u>	<u>2</u>	<u>2</u>	<u>-</u>
	<u>2.Biophysics</u>	<u>BIOPH 101</u>	<u>2</u>	<u>2</u>	<u>-</u>
	<u>3.Anatomy & Histology</u>	<u>ANAT101 @ HIST101</u>	<u>6</u>	<u>4</u>	<u>4</u>
	<u>4.English For medical purpose</u>	<u>ENGL 102</u>	<u>3</u>	<u>2</u>	<u>2</u>
	<u>5.Organic chemistry I</u>	<u>OCHEM101</u>	<u>3</u>	<u>2</u>	<u>2</u>
	<u>6.Medicinal Plant</u>	<u>MP101</u>	<u>3</u>	<u>2</u>	<u>2</u>
	<u>Total</u>		<u>19</u>	<u>14</u>	<u>10</u>

Study plan for Bachelor of Pharmacy program

Second year (first semester)

<u>Type</u>	<u>Subject</u>	<u>Subject Code</u>	<u>Cr.Hour</u> <u>s</u>	<u>Lecture</u>	<u>Practical/semi</u> <u>nar</u>
				<u>Contact hours</u>	
	<u>1. Organic chemistry II</u>	<u>OCHEM 202</u>	<u>3</u>	<u>2</u>	<u>2</u>
	<u>2. Pharmaceutical analytical Chemistry I</u>	<u>PAC 201</u>	<u>3</u>	<u>2</u>	<u>2</u>
	<u>3. Physiology I</u>	<u>PHYSIO 201</u>	<u>2</u>	<u>2</u>	<u>-</u>
	<u>4. Pharmacognosy I</u>	<u>PHG 201</u>	<u>3</u>	<u>2</u>	<u>2</u>
	<u>5. Medical Biochemistry I</u>	<u>MBC 201</u>	<u>3</u>	<u>2</u>	<u>2</u>
	<u>6. Pharmaceutical calculation Skills</u>	<u>PHC 201</u>	<u>3</u>	<u>2</u>	<u>2</u>
	<u>Total</u>		<u>17</u>	<u>12</u>	<u>10</u>

Second year (second semester)

<u>Type</u>	<u>Subject</u>	<u>Subject Code</u>	<u>Cr.Hours</u>	<u>Lecture</u>	<u>Practical/semi</u> <u>nar</u>
				<u>Contact hours</u>	
	<u>1. Microbiology</u>	<u>MICRO 201</u>	<u>3</u>	<u>2</u>	<u>2</u>
	<u>2. Pharmaceutical analytical Chemistry II</u>	<u>PAC 202</u>	<u>3</u>	<u>2</u>	<u>2</u>
	<u>3. Physiology II</u>	<u>PHY 202</u>	<u>2</u>	<u>2</u>	<u>-</u>
	<u>4. Physical Pharmacy</u>	<u>PHAR 201</u>	<u>3</u>	<u>2</u>	<u>2</u>
	<u>5. Pharmacognosy II</u>	<u>PHG 202</u>	<u>3</u>	<u>2</u>	<u>2</u>
	<u>6. Medical Biochemistry II</u>	<u>MBC 202</u>	<u>3</u>	<u>2</u>	<u>2</u>
	<u>Total</u>		<u>17</u>	<u>12</u>	<u>10</u>

Study plan for Bachelor of Pharmacy program
Third year (first semester)

<u>Type</u>	<u>Subject</u>	<u>Subject Code</u>	<u>Cr.Hour</u> <u>s</u>	<u>Lecture</u>	<u>Practical/</u> <u>seminar</u>
				<u>Contact hours</u>	
	<u>1.Medicinal chemistry I</u>	<u>MCHEM 301</u>	<u>3</u>	<u>2</u>	<u>2</u>
	<u>2.Pharmaceutics I</u>	<u>PHAR 301</u>	<u>3</u>	<u>2</u>	<u>2</u>
	<u>3.Pharmacology I</u>	<u>PHARM 301</u>	<u>3</u>	<u>2</u>	<u>2</u>
	<u>4.Pathology</u>	<u>PATH 301</u>	<u>3</u>	<u>2</u>	<u>2</u>
	<u>5.Pharmaceutical</u> <u>Instrumental analytical I</u>	<u>PHA 301</u>	<u>3</u>	<u>2</u>	<u>2</u>
	<u>6.Medical Parasitology</u>	<u>PARA 301</u>	<u>3</u>	<u>2</u>	<u>2</u>
	<u>Total</u>		<u>18</u>	<u>12</u>	<u>12</u>

Third year (second semester)

<u>Type</u>	<u>Subject</u>	<u>Subject Code</u>	<u>Cr.Hour</u> <u>s</u>	<u>Lecture</u>	<u>Practical/s</u> <u>eminar</u>
				<u>Contact hours</u>	
	<u>1.Medicinal chemistry II</u>	<u>MCHEM 302</u>	<u>3</u>	<u>2</u>	<u>2</u>
	<u>2.Pharmaceutics II</u>	<u>PHAR 302</u>	<u>3</u>	<u>2</u>	<u>2</u>
	<u>3.Pharmacology II</u>	<u>PHARM 302</u>	<u>3</u>	<u>2</u>	<u>2</u>
	<u>4.Phytochemistry I</u>	<u>PHYT 301</u>	<u>3</u>	<u>2</u>	<u>2</u>
	<u>5.Pharmaceutical</u> <u>Instrumental analytical II</u>	<u>PHA 302</u>	<u>3</u>	<u>2</u>	<u>2</u>
	<u>6.Psychology</u>	<u>PSY 301</u>	<u>2</u>	<u>2</u>	<u>-</u>
	<u>Total</u>		<u>17</u>	<u>12</u>	<u>10</u>

Study plan for Bachelor of Pharmacy program
Fourth year (first semester)

<u>Type</u>	<u>Subject</u>	<u>Subject Code</u>	<u>Cr.Hours</u>	<u>Lecture</u>	<u>Practical/seminar</u>
				<u>Contact hours</u>	
	<u>Pharmaceutics III</u>	<u>PHAR 401</u>	<u>3</u>	<u>2</u>	<u>2</u>
	<u>Medicinal chemistry III</u>	<u>MCHEM 403</u>	<u>3</u>	<u>2</u>	<u>2</u>
	<u>Clinical pharmacy I</u>	<u>CLIN 401</u>	<u>2</u>	<u>2</u>	-
	<u>Pharmacotherapy I</u>	<u>PHARM 401</u>	<u>2</u>	<u>2</u>	-
	<u>Phytochemistry II</u>	<u>PHYT 402</u>	<u>3</u>	<u>2</u>	<u>2</u>
	<u>Pharmacology III</u>	<u>PHARM 403</u>	<u>3</u>	<u>2</u>	<u>2</u>
	<u>Integrated-case base learning I</u>	<u>ICBL401</u>	<u>2</u>	<u>2</u>	
	<u>Total</u>		<u>18</u>	<u>14</u>	<u>8</u>

Fourth year (second semester)

<u>Type</u>	<u>Subject</u>	<u>Subject Code</u>	<u>Cr.Hour</u> <u>s</u>	<u>Lecture</u>	<u>Practical/seminar</u>
				<u>Contact hours</u>	
	<u>1.Pharmaceutical Quality Control</u>	<u>PQC 401</u>	<u>3</u>	<u>2</u>	<u>2</u>
	<u>2.Public Health I</u>	<u>PUBH 401</u>	<u>3</u>	<u>2</u>	<u>2</u>
	<u>3.Clinical pharmacy I I</u>	<u>CLIN 402</u>	<u>2</u>	<u>2</u>	-
	<u>4.Pharmacotherapy II</u>	<u>PHARM 402</u>	<u>2</u>	<u>2</u>	-
	<u>5.Biopharmaceutics</u>	<u>BIOPHAR 401</u>	<u>2</u>	<u>2</u>	-
	<u>6.Pharmacy Training, I (100 Training Hours)</u>	<u>PT 401</u>	<u>2</u>	-	<u>4</u>
	<u>7.Integrated-case base learning II</u>	<u>ICBL 402</u>	<u>2</u>	<u>2</u>	-
	<u>8.Industrial pharmacy I</u>	<u>INDPHAR 401</u>	<u>2</u>	<u>2</u>	-
	<u>Total</u>		<u>18</u>	<u>14</u>	<u>8</u>

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Fifth year (first semester)

<u>Type</u>	<u>Subject</u>	<u>Subject Code</u>	<u>Cr.Hour</u> <u>s</u>	<u>Lecture</u>	<u>Practical/se</u> <u>minar</u>
				<u>Contact hours</u>	
	<u>1.Pharmaceutical Biotechnology</u>	<u>PHARMBIO 501</u>	<u>2</u>	<u>2</u>	<u>=</u>
	<u>2.Industrial pharmacy II</u>	<u>INDPHAR 502</u>	<u>2</u>	<u>2</u>	<u>=</u>
	<u>3.Research Methodology &Presentation Skills</u>	<u>RES 501</u>	<u>3</u>	<u>2</u>	<u>2</u>
	<u>4.pharmacy Practice Skills</u>	<u>PRACT 501</u>	<u>3</u>	<u>2</u>	<u>2</u>
	<u>5.Toxicology</u>	<u>TOX 501</u>	<u>2</u>	<u>2</u>	<u>=</u>
	<u>6.Pharmacy Training II(100Training Hours)</u>	<u>PT 502</u>	<u>2</u>	<u>=</u>	<u>4</u>
	<u>7.Pharmacokinetics</u>	<u>PK 501</u>	<u>2</u>	<u>2</u>	
	<u>8.Public Health II</u>	<u>PUBH 502</u>	<u>3</u>	<u>2</u>	<u>2</u>
	<u>Total</u>		<u>19</u>	<u>14</u>	<u>10</u>

Fifth year (second semester)

<u>Type</u>	<u>Subject</u>	<u>Subject Code</u>	<u>Cr.Hour</u> <u>s</u>	<u>Lecture</u>	<u>Practical/se</u> <u>minar</u>
				<u>Contact hours</u>	
	<u>1.Pharm. Administration</u>	<u>PHARMADM 501</u>	<u>2</u>	<u>2</u>	<u>=</u>
	<u>2.OTC</u>	<u>OTC 501</u>	<u>2</u>	<u>2</u>	<u>=</u>
	<u>3.Graduation Research Project</u>	<u>GRP 501</u>	<u>3</u>	<u>2</u>	<u>2</u>
	<u>4.Complementary & Alternative Medicine</u>	<u>CAM 501</u>	<u>3</u>	<u>2</u>	<u>2</u>
	<u>5.Cosmetic Preparation</u>	<u>COS 501</u>	<u>3</u>	<u>2</u>	<u>2</u>
	<u>Total</u>		<u>13</u>	<u>10</u>	<u>6</u>