

**Dr. D.Y. Patil School of Allied Health Sciences**

**Dr. D. Y. Patil Vidyapeeth, Pune  
(Deemed to be University)**



## **Programme Framework**

**Bachelor of Science in Physician Assistant  
(B.Sc. PA)**

# First Year

## First Semester

Course code	Course Title	Credit			Hours			Marks			
		Theory	Practical	Total	Theory	Practical	Total	Internal	Theory	Practical	Total
BPA 101	Introduction to Healthcare Delivery System in India	2	0	2	30	0	30	40	80	80	200
	Medical Terminology and record keeping (including anatomical terms)	1	0	1	15	0	15				
	Medical Law and Ethics	1	0	1	15	0	15				
	Introduction to Quality and patient safety	2	1	3	30	30	60				
BPA 102	Basic computers and Information Science	1	1	2	15	30	45	30	60	60	150
	Research Methodology and Biostatistics	2	1	3	30	30	60				
BPA 103	Basic English and Communication	2	0	2	30	0	30	40	80	80	200
	Professionalism and Values	1	1	2	15	30	45				
	Principles of Management	2	0	2	30	0	30				
BPA 104	Community orientation and clinical visit	0	2	2	0	60	60				
<b>Total</b>		<b>14</b>	<b>6</b>	<b>20</b>	<b>210</b>	<b>180</b>	<b>390</b>	<b>110</b>	<b>220</b>	<b>220</b>	<b>550</b>

## Second Semester

Course code	Course Title	Credit			Hours			Marks			
		Theory	Practical	Total	Theory	Practical	Total	Internal	Theory	Practical	Total
BPA 201	Human Anatomy and Physiology	6	2	8	90	60	150	40	80	80	200
BPA 202	Biochemistry	2	1	3	30	30	60	40	80	80	200
BPA 203	Basics of Medical Disorders	2	2	4	30	60	90	40	80	80	200
BPA 204	BPA Directed Clinical Education – part I (studentship)*	0	5	5	0	150	150	50	0	0	50
<b>Total</b>		<b>10</b>	<b>10</b>	<b>20</b>	<b>150</b>	<b>300</b>	<b>450</b>	<b>170</b>	<b>240</b>	<b>240</b>	<b>650</b>

## Second Year Third Semester

Course code	Course Title	Credit			Hours			Marks			
		Theory	Practical	Total	Theory	Practical	Total	Internal	Theory	Practical	Total
BPA 301	Pathology	3	2	5	45	60	105	40	80	80	200
BPA 302	Microbiology	3	2	5	45	60	105	40	80	80	200
BPA 303	Pharmacology	3	2	5	45	60	105	40	80	80	200
BPA 304	BPA Directed Clinical Education – Part II (studentship)*	0	5	5	0	150	150	50	0	0	50
<b>Total</b>		<b>9</b>	<b>11</b>	<b>20</b>	<b>135</b>	<b>330</b>	<b>465</b>	<b>170</b>	<b>240</b>	<b>240</b>	<b>650</b>

## Fourth Semester

Course code	Course Title	Credit			Hours			Marks			
		Theory	Practical	Total	Theory	Practical	Total	Internal	Theory	Practical	Total
BPA 401	Medicine & Pharmacology	2	3	5	30	90	120	40	80	80	200
BPA 402	Surgery/Equipment's	2	3	5	30	90	120	40	80	80	200
BPA 403	Pulmonology	2	3	5	30	90	120	40	80	80	200
BPA 404	BPA Directed Clinical Education – part III (studentship)*	0	5	5	0	150	150	50	0	0	50
<b>Total</b>		<b>6</b>	<b>14</b>	<b>20</b>	<b>90</b>	<b>420</b>	<b>510</b>	<b>170</b>	<b>240</b>	<b>240</b>	<b>650</b>

## Third Year Fifth Semester

Course code	Course Title	Credit			Hours			Marks			
		Theory	Practical	Total	Theory	Practical	Total	Internal	Theory	Practical	Total
BPA 501	Paediatrics & Geriatrics	3	2	5	45	60	105	40	80	80	200
BPA 502	Obstetrics & Gynecology	3	2	5	45	60	105	40	80	80	200
BPA 503	Cardiology & Cardiac Surgery	2	3	5	30	90	120	40	80	80	200
BPA 504	BPA Directed Clinical Education – part IV (studentship)*	0	5	5	0	150	150	50	0	0	50
		<b>8</b>	<b>12</b>	<b>20</b>	<b>120</b>	<b>360</b>	<b>480</b>	<b>170</b>	<b>240</b>	<b>240</b>	<b>650</b>

## Sixth Semester

Course code	Course Title	Credit			Hours			Marks			
		Theory	Practical	Total	Theory	Practical	Total	Internal	Theory	Practical	Total
BPA 601	Neurology	2	3	5	30	90	120	40	80	80	200
BPA 602	Nephrology	2	3	5	30	90	120	40	80	80	200
BPA 603	Gastroenterology/Orthopaedics	2	3	5	30	90	120	40	80	80	200
BPA 604	BPA Directed Clinical Education – part V (studentship)*	0	5	5	0	150	150	50	0	0	50
	<b>Total</b>	<b>6</b>	<b>14</b>	<b>20</b>	<b>90</b>	<b>420</b>	<b>510</b>	<b>170</b>	<b>240</b>	<b>240</b>	<b>650</b>

# Fourth Year Seventh and Eighth Semester

Course Title	Hours		
	Theory	Practical	Total
Internship and Project Work	0	1200	1200
<b>Credits</b>	<b>40</b>		