



**Brainware University**  
**School of Medical and Allied Health Sciences**  
**Department of Allied Health Sciences**  
**Bachelor of Science in Physician Assistant (B.Sc PA) -2021**  
**(As per CBCS Template)**

**Semester-I**

Course Code	Course Name	L - T - P	Credits	Total Marks
HU101	English Communication	3-0-0	3	100
HU191	English Communication - Practical	0-0-2	1	100
BPA101	Human Anatomy	4-0-0	4	100
BPA191	Human Anatomy – Practical	0-0-4	2	100
BPA102	Human Physiology	4-0-0	4	100
BPA192	Human Physiology – Practical	0-0-4	2	100
GE**	Generic Elective-1 (Any one from the List of Generic Elective / Interdisciplinary Courses from other Subjects)	4-0-0/ 5-0-0	4/5	200/100
GE**	Generic Elective -1 (Practical/Tutorial)	0-0-4/ 0-1-0	2/1	
<b>TOTAL</b>			<b>22</b>	<b>800/700</b>

**Semester-II**

Course Code	Course Name	L - T - P	Credits	Total Marks
EVS201	Environmental Science	3-1-0	4	100
BPA201	Biochemistry and Hematology	4-0-0	4	100
BPA202	Microbiology and Pathology	4-0-0	4	100
BPA203	Pharmacology	4-0-0	4	100
BPA204	Clinical Psychology	4-0-0	4	100
BPA205	Health Care	4-0-0	4	100
GE**	Generic Elective-2 (Any one from the List of Generic Elective / Interdisciplinary Courses from other Subjects)	4-0-0/ 5-0-0	4/5	200/100
GE**	Generic Elective -2 (Practical/Tutorial)	0-0-4/ 0-1-0	2/1	
<b>TOTAL</b>			<b>30</b>	<b>800/700</b>



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**Semester-III**

Course Code	Course Name	Type of Course	L - T - P	Credits	Total Marks
BPAC301	Pharmacology & General Medicine	CC7	4-0-0	4	100
BPAC302	General Anesthesia & Surgery	CC8	4-0-0	4	100
BPAC392	General Anesthesia & Surgery-Practical	CC8	0-0-2	1	100
BPAC303	Cardiology & ECG	CC9	4-0-0	4	100
BPAC393	Cardiology & ECG-Practical	CC9	0-0-2	1	100
BPAS304	Fundamental of Nursing	SEC1	4-0-0	4	100
GE	Generic Elective-3 (Any one from the List of Generic Elective / Interdisciplinary Courses from other Subjects)	GE3	4-0-0/ 5-0-0	4/5	100
GE	Generic Elective -3 (Practical/Tutorial)	GE3	0-0-4/ 0-1-0	2/1	100
BPAS381	Clinical Observership I	SEC2	-	3	100
<b>TOTAL</b>			<b>28/26</b>	<b>27</b>	<b>900</b>

**Semester-IV**

Course Code	Course Name		L - T - P	Credits	Total Marks
BPAC401	Basics of Orthopedics	CC10	4-0-0	4	100
BPAC491	Basics of Orthopedics-Practical	CC10	0-0-2	1	100
BPAC402	Pediatrics & Geriatric	CC11	4-0-0	4	100
BPAC492	Pediatrics & Geriatric-Practical	CC11	0-0-2	1	100
BPAS403	Basic Radiology and Imaging Technology	SEC3	3-0-0	3	100
GE	Generic Elective-4 (Any one from the List of Generic Elective / Interdisciplinary Courses from other Subjects)	GE4	4-0-0/ 5-0-0	4/5	100
GE	Generic Elective -4 (Practical/Tutorial)	GE4	0-0-4/ 0-1-0	2/1	100
BPAS482	Clinical Observership II	SEC4	-	3	100
<b>TOTAL</b>			<b>23/21</b>	<b>22</b>	<b>700</b>



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**Semester-V**

Course Code	Course Name	Type of Course	L - T - P	Credits	Total Marks
BPAC501	Cardio-Vascular & Thoracic Surgery	CC12	4-0-0	4	100
BPAC591	Cardio-Vascular & Thoracic Surgery-Practical	CC12	0-0-2	1	100
BPAC502	Fundamental of Gynecology & Obstetrics	CC13	4-0-0	4	100
BPAS503	Principles of Basic Intensive care	SEC5	4-0-0	4	100
BPAE504	A. Gastroenterology	DSE1	4-0-0	4	100
BPAE504	B. Basic Neurology & Psychology				
BPAE505	A. Nephrology	DSE2	4-0-0	4	100
BPAE505	B. Dermatology				
BPAS583	Clinical Observership III	SEC6	-	3	100
<b>TOTAL</b>			<b>22</b>	<b>25</b>	<b>700</b>

**Semester-VI**

Course Code	Course Name		L - T - P	Credits	Total Marks
BPAC601	Principles of Biostatistics and Research Methodology	CC14	4-0-0	4	100
BPAC691	Principles of Biostatistics and Research Methodology- Practical	CC14	0-0-2	1	100
BPAC602	Basic of Clinical Research	CC15	4-0-0	4	100
BPAE603	A. Community Health Care Management	DSE3	4-0-0	4	100
BPAE603	B. Telemedicine				
BPAE604	A. Dental Care Management	DSE4	4-0-0	4	100
BPAE604	B. ENT				
BPAS684	Project and Dissertation	SEC7	-	3	100
<b>TOTAL</b>			<b>18</b>	<b>20</b>	<b>600</b>



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**Internship**

<b>Course Code</b>	<b>Course Name</b>	<b>Type of course</b>	<b>Credits</b>	<b>Total Marks</b>
BPAS881	Internship (12 months) Including Project Work and Grand viva voce	SEC8	20	100