



**Brainware University**  
**School of Medical and Allied Health Sciences**  
**Department of Allied Health Sciences**  
**Bachelor of Science in Physician Assistant (B.Sc PA)- 2025**  
**(As per CBCS Template)**

**Semester-I**

| Course Code  | Course Name                                                                                                    | Type of Course | L - T - P       | Credits   | Total Marks    |
|--------------|----------------------------------------------------------------------------------------------------------------|----------------|-----------------|-----------|----------------|
| EVS101       | Environmental Science                                                                                          | AECC1          | 2-0-0           | 2         | 100            |
| BPAC101      | Human Anatomy-Part I                                                                                           | CC1            | 4-0-0           | 4         | 100            |
| BPAC102      | Human Physiology- Part I                                                                                       | CC2            | 4-0-0           | 4         | 100            |
| BPAC191      | Human Anatomy and Physiology Practical-Part I                                                                  | CC2            | 0-0-4           | 2         | 100            |
| GE           | Generic Elective-1 (Any one from the List of Generic Elective / Interdisciplinary Courses from other Subjects) | GE1            | 4-0-0/<br>5-0-0 | 4/5       | 200/100        |
| GE           | Generic Elective -1 (Practical/Tutorial)                                                                       | GE1            | 0-0-4/<br>0-1-0 | 2/1       |                |
| <b>TOTAL</b> |                                                                                                                |                | <b>22/20</b>    | <b>18</b> | <b>600/500</b> |

**Semester-II**

| Course Code | Course Name                                    | Type of Course | L - T - P | Credits | Total Marks |
|-------------|------------------------------------------------|----------------|-----------|---------|-------------|
| HU201       | English Communication                          | AECC2          | 1-0-0     | 1       | 50          |
| HU291       | English Communication -Lab                     | AECC2          | 0-0-2     | 1       | 50          |
| BPAC201     | Human Anatomy-Part II                          | CC3            | 4-0-0     | 4       | 100         |
| BPAC202     | Human Physiology- Part II                      | CC4            | 4-0-0     | 4       | 100         |
| BPAC291     | Human Anatomy and Physiology Practical Part II | CC3            | 0-0-2     | 1       | 100         |
| BPAC203     | Hematology & Clinical Biochemistry             | CC5            | 3-0-0     | 3       | 100         |
| BPAC293     | Hematology & Clinical Biochemistry Practical   | CC5            | 0-0-2     | 1       | 100         |



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|              |                                                                                                                |     |                 |           |                 |
|--------------|----------------------------------------------------------------------------------------------------------------|-----|-----------------|-----------|-----------------|
| BPAC204      | Pathology & Clinical Microbiology                                                                              | CC6 | 4-0-0           | 4         | 100             |
| BPAC294      | Pathology & Clinical Microbiology Practical                                                                    | CC6 | 0-0-2           | 1         | 100             |
| GE           | Generic Elective-2 (Any one from the List of Generic Elective / Interdisciplinary Courses from other Subjects) | GE2 | 4-0-0/<br>5-0-0 | 4/5       | 200/100         |
| GE           | Generic Elective -2 (Practical/Tutorial)                                                                       | GE2 | 0-0-4/<br>0-1-0 | 2/1       |                 |
| <b>TOTAL</b> |                                                                                                                |     | <b>32/30</b>    | <b>26</b> | <b>1000/900</b> |

**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/<br>5-0-0 | 4/5       | 100         |
| GE           | Generic Elective -3 (Practical/Tutorial)                                                                       | GE3            | 0-0-4/<br>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>  |



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**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/<br>5-0-0 | 4/5       | 100         |
| GE           | Generic Elective -4 (Practical/Tutorial)                                                                       | GE4  | 0-0-4/<br>0-1-0 | 2/1       |             |
| BPAS482      | Clinical Observership II                                                                                       | SEC4 | -               | 3         | 100         |
| <b>TOTAL</b> |                                                                                                                |      | <b>23/21</b>    | <b>22</b> | <b>700</b>  |

**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>24</b> | <b>700</b>  |



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**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         |
| BPAC603      | A. Community Health Care Management                             | DSE3 | 4-0-0     | 4         | 100         |
| BPAC603      | B. Telemedicine                                                 |      |           |           |             |
| BPAC604      | A. Dental Care Management                                       | DSE4 | 4-0-0     | 4         | 100         |
| BPAC604      | B. ENT                                                          |      |           |           |             |
| BPAS684      | Project and Dissertation                                        | SEC7 | -         | 3         | 100         |
| <b>TOTAL</b> |                                                                 |      | 18        | <b>20</b> | <b>600</b>  |



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**Semester VII**

| <b>Course Code</b> | <b>Course Name</b> | <b>Type of course</b> | <b>Credits</b> | <b>Total Marks</b> |
|--------------------|--------------------|-----------------------|----------------|--------------------|
| BPAS781            | Internship I       | SEC7                  | 10             | 100                |

**Semester VIII**

| <b>Course Code</b> | <b>Course Name</b> | <b>Type of course</b> | <b>Credits</b> | <b>Total Marks</b> |
|--------------------|--------------------|-----------------------|----------------|--------------------|
| BPAS881            | Internship II      | SEC8                  | 10             | 100                |