



BRAINWARE UNIVERSITY
School of Medical & Allied Health Sciences
Department of Allied Health Sciences
Bachelor of Anaesthesia and Operation Theatre Technology– 2026
(As per NCAHP Guideline)

Semester-I

| Sl. No | Course Code | Course | L | CLP | P | Evaluation Scheme | | Total | Credits | Course Type |
|--------------|-------------|---|-----------|----------|-----------|-------------------|------------|------------|-----------|--------------|
| | | | | | | CIA | TEE | | | |
| 1 | BAO101 | Introduction to Healthcare Delivery System in India | 4 | 0 | 0 | 10 | 40 | 50 | 4 | Pre-clinical |
| 2 | BAO102 | Medical Terminology and Record keeping (including anatomical terms) | 3 | 0 | 0 | 10 | 40 | 50 | 3 | Pre-clinical |
| 3 | BAO173 | Anatomy | 4 | 0 | 4 | 30 | 120 | 150 | 6 | Pre-clinical |
| 4 | BAO174 | Physiology | 4 | 0 | 4 | 30 | 120 | 150 | 6 | Pre-clinical |
| 5 | BAO175 | Health Care Quality & Patient Safety | 3 | 0 | 4 | 30 | 70 | 100 | 5 | Pre-clinical |
| Total | | | 18 | 0 | 12 | 110 | 390 | 500 | 24 | |

Semester-II

| Sl. No | Course Code | Course | L | CLP | P | Evaluation Scheme | | Total | Credits | Course Type |
|--------------|-------------|--|-----------|----------|----------|-------------------|------------|------------|-----------|-------------------|
| | | | | | | CIA | TEE | | | |
| 1 | BAO201 | Medical Law and Ethics, Professionalism & Values, Principles of Management | 4 | 0 | 0 | 10 | 40 | 50 | 4 | Pre-clinical |
| 2 | BAO272 | Basics of Biomedical sciences in surgery and Anaesthesia | 2 | 0 | 2 | 10 | 40 | 50 | 3 | Pre-clinical |
| 3 | BAO273 | Biochemistry & Haematology | 2 | 0 | 2 | 40 | 110 | 150 | 3 | Pre-clinical |
| 4 | BAO204 | Pathology & Microbiology | 4 | 0 | 0 | 20 | 80 | 100 | 4 | Pre-clinical |
| 5 | BAO205 | Basic Concepts in Pharmacology | 2 | 0 | 0 | 10 | 40 | 50 | 2 | Pre-clinical |
| 6 | BAO276 | Basic computers and information Science, Communication skills | 2 | 0 | 4 | 30 | 70 | 100 | 4 | Skill Enhancement |
| Total | | | 16 | 0 | 8 | 120 | 380 | 500 | 20 | |

Semester-III

| Sl. No | Course Code | Course | L | CLP | P | Evaluation Scheme | | Total | Credits | Course Type |
|--------------|-------------|---|-----------|-----------|----------|-------------------|------------|------------|-----------|--------------|
| | | | | | | CIA | TEE | | | |
| 1 | BAO371 | Basic techniques of Anaesthesia | 4 | 3 | 0 | 30 | 120 | 150 | 5 | Clinical |
| 2 | BAO372 | Basics of Surgical procedures | 4 | 3 | 0 | 30 | 120 | 150 | 5 | Clinical |
| 3 | BAO373 | CSSD & Manifold Area | 2 | 6 | 0 | 10 | 40 | 50 | 4 | Clinical |
| 4 | BAO304 | Industrial orientation and Industrial Visit | 2 | 0 | 0 | 10 | 40 | 50 | 2 | Pre-clinical |
| Total | | | 12 | 12 | 0 | 80 | 320 | 400 | 16 | |



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Semester-IV

| Sl. No | Course Code | Course | L | CLP | P | Evaluation Scheme | | Total | Credits | Course Type |
|--------------|-------------|--|-----------|-----------|----------|-------------------|------------|------------|-----------|-------------|
| | | | | | | CIA | TEE | | | |
| 1 | BAO471 | Advanced Anaesthesia Techniques | 4 | 3 | 0 | 30 | 120 | 150 | 5 | Clinical |
| 2 | BAO472 | Advanced Surgical Procedures | 4 | 3 | 0 | 30 | 120 | 150 | 5 | Clinical |
| 3 | BAO473 | Basic Intensive Care | 2 | 6 | 0 | 30 | 70 | 100 | 4 | Clinical |
| 4 | BAO404 | Clinical Medicine & Related Management | 2 | 0 | 0 | 10 | 40 | 50 | 2 | Clinical |
| Total | | | 12 | 12 | 0 | 100 | 350 | 450 | 16 | |

Semester-V

| Sl. No | Course Code | Course | L | CLP | P | Evaluation Scheme | | Total | Credits | Course Type |
|--------------|-------------|--|-----------|-----------|----------|-------------------|------------|------------|-----------|--------------|
| | | | | | | CIA | TEE | | | |
| 1 | BAO571 | Specialized Anaesthesia 1 | 4 | 3 | 0 | 30 | 120 | 150 | 5 | Clinical |
| 2 | BAO572 | Specialized surgery 1 | 4 | 3 | 0 | 30 | 120 | 150 | 5 | Clinical |
| 3 | BAO573 | Recent Advances in Anaesthesia and Surgical fields | 2 | 9 | 0 | 20 | 80 | 100 | 5 | Clinical |
| 4 | BAO504 | Disaster Management & Environmental Sciences | 2 | 0 | 0 | 10 | 40 | 50 | 2 | Pre-clinical |
| Total | | | 12 | 15 | 0 | 90 | 360 | 450 | 17 | |



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Semester-VI

| Sl. No | Course Code | Course | L | CLP | P | Evaluation Scheme | | Total | Credits | Course Type |
|--------------|-------------|--|-----------|----------|----------|-------------------|------------|------------|-----------|----------------|
| | | | | | | CIA | TEE | | | |
| 1 | BAO671 | Specialized Anaesthesia 2 | 4 | 3 | 0 | 30 | 120 | 150 | 5 | Clinical |
| 2 | BAO672 | Specialized Surgery 2 | 4 | 3 | 0 | 30 | 120 | 150 | 5 | Clinical |
| 3 | BAO673 | Specialized Anaesthesia & Surgery 3 | 4 | 3 | 0 | 30 | 120 | 150 | 5 | Clinical |
| 4 | BAO604 | Research Methodology and Biostatistics | 2 | 0 | 0 | 10 | 40 | 50 | 2 | Research Based |
| Total | | | 14 | 9 | 0 | 100 | 400 | 500 | 17 | |

Semester –VII

| Sl. No | Course Code | Course | L | T | P | Evaluation Scheme | | Total | Credits | Course Type |
|--------|-------------|---------------|---|---|---|-------------------|-----|-------|---------|-------------|
| | | | | | | CIA | TEE | | | |
| 1 | BAO781 | Internship -I | 0 | 0 | 0 | 0 | - | 100 | 0 | Internship |

Semester – VIII

| Sl. No | Course Code | Course | L | T | P | Evaluation Scheme | | Total | Credits | Course Type |
|--------|-------------|---------------|---|---|---|-------------------|-----|-------|---------|-------------|
| | | | | | | CIA | TEE | | | |
| 1 | BAO881 | Internship-II | 0 | 0 | 0 | 0 | - | 100 | 0 | Internship |