

MSA Part-time Curricular Sequence

| Course Code | Course Title | Credit Hours | Contact Hours Academic Term |
|--|---|---------------|---|
| SEMESTER I | | | |
| ANES 5101 | Human Anatomy for Nurse Anesthetists | 5 | 90 hrs |
| ANES 5102 | Integrated Human Physiology | 5 | 90 hrs |
| | Total Credits and Hours | 10 | 180hrs |
| SEMESTER II | | | |
| ANES 5213 | Advanced Pharmacology of Anesthetic Drugs | 6 | 108 hrs |
| ANES 5203 | Anesthesia Chemistry and Physic | 4 | 72 hrs |
| | Total Credits and Hours | 10 | 180hrs |
| 2nd Year Part-time Students August-December | | | |
| ANES 5111 | Advanced Physiopathology for Nurse Anesthetists | 3 | 54 hrs |
| ANES 5112 | Advanced Physical Assessment | 3 | 54 hrs |
| | Total Credits and Hours | 6 | 108 hrs |
| 2nd semester. 2nd year Part-time Students January-May | | | |
| ANES 5221 | Basic Principles of Anesthesia Practice | 3 | 54 hrs |
| ANES 5231 | Seminar I | 1 | 18 hrs |
| | Total Credits and Hours | 4 | 72 hrs |
| SUMMER I (8 WEEKS) | | | |
| ANES 5022 | Advanced Principles of Anesthesia Practice | 6 | 108 hrs |
| ANES 5032 | Anesthesia Seminar II | 1 | 18 hrs |
| ANES 5023 | Introduction to Clinical Anesthesia | 2 (1:2) | 72 hrs |
| | Total Credits and Hours | 9 | 198 hrs |
| 3rd year Part-time students turn to Full-time Students | | | |
| ANES 5341 | Anesthesia Clinical Practice I | 8 | 576 hrs |
| ANES 5333 | Anesthesia Seminar III | 1 | 18hrs |
| ANES 5324 | Professional Aspects of the Nurse Anesthetist | 2 | 36 hrs |
| ANES 5351 | Evidence Based Research for Nurse Anesthetists | 3 | 54 hrs |
| | Total Credits and Hours | 14 | 684 hrs |
| SEMESTER IV 2ND YEAR | | | |
| ANES 5442 | Anesthesia Clinical Practice II | 10 | 720 hrs |
| ANES 5434 | Anesthesia Seminar IV | 1 | 18 hrs |
| ANES 5452 | Evidence Based Research for Nurse Anesthetists II | 3 | 54 hrs |
| | Total Credits and Hours | 14 | 792 hrs |
| SUMMER II (TRIMESTER-13.5 WEEKS) | | | |
| ANES 5043 | Anesthesia Clinical Practice III | 10 | 720 hrs |
| | Total Credits and Hours | 10 | 720 hrs |
| | Total Credits and Hours in the program | 77 crs | 2,934 theoretical and practice hours |