

MSA Full-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
ANES 5111	Advanced Physiopathology for Nurse Anesthetists	3	54 hrs
ANES 5112	Advanced Physical Assessment	3	54 hrs
	Total Credits and Hours	16	288 hrs
SEMESTER II			
ANES 5213	Advanced Pharmacology of Anesthetic Drugs	6	108 hrs
ANES 5203	Anesthesia Chemistry and Physics	4	72 hrs
ANES 5221	Basic Principles of Anesthesia Practice	3	54 hrs
ANES 5231	Seminar I	1	18 hrs
	Total Credits and Hours	14	252 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
SEMESTER III 2ND YEAR			
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

