



**University of New Mexico
Master of Science in Anesthesia Science
Curriculum**

Semester I: 17 semester hours

Course		Credit Hour
ANES 500	Introduction to Anesthesia	4
ANES 501	Medical Terminology	1
ANES 502	General Anatomy & Physiology	3
ANES 503	Introduction to Anesthesia Delivery Systems	2
ANES 504	Principles of Airways	2
ANES 536	Medical Humanities & Sociology I	1
ANES 506	Basic Technical Skills & Patient Assessment	2
ANES 508	Anesthesia Skills Lab & Simulation I	2

Semester II: 17 semester hours

Course		Credit Hour
ANES 512	Clinical Decision Making I	2
ANES 513	Principles of Clinical Instrumentation & Patient Monitoring I	2
ANES 514	Respiratory Physiology	2
ANES 505	Pharmacology for Anesthesia I	3
ANES 517	Anesthesia Principles & Practice I	2
ANES 518	Anesthesia Skills Lab & Simulation II	2
ANES 520	Clinical Anesthesia Experience I (160 hours)	4

Semester III: 16 semester hours

Course		Credit Hour
ANES 515	Pharmacology for Anesthesia II	3
ANES 526	Advanced Technical Skills & Patient Assessment	2
ANES 523	Principles of Clinical Instrumentation & Patient Monitoring II	2
ANES 524	Cardiac Electrophysiology	2
ANES 527	Anesthesia Principles & Practice II	2
ANES 528	Anesthesia Skills Lab & Simulation III	2
ANES 530	Clinical Anesthesia Experience II (120 hours)	3

Semester IV: 18 semester hours

Course		Credit Hour
ANES 521	Medical Spanish	1
ANES 522	Clinical Decision Making II	2
ANES 534	Liver, Endocrine & Renal Physiology	2
ANES 532	Regional Anesthesia	2
ANES 541	Ethics, Law & Diversity	1
ANES 537	Anesthesia Principles & Practice III	2
ANES 538	Anesthesia Skills Lab & Simulation IV	2
ANES 540	Clinical Anesthesia Experience III (240 hours)	6

Semester V: 17 semester hours

Course		Credit Hour
ANES 551	Anesthesia Review I	1
ANES 546	Medical Humanities & Sociology II	1
ANES 550	Clinical Anesthesia IV (600 hours)	15

Semester VI: 14 semester hours

Course		Credit Hour
ANES 561	Anesthesia Review II	1
ANES 566	Senior Seminar I	1
ANES 560	Clinical Anesthesia V (480 hours)	12

Semester VII: 17 semester hours

Course		Credit Hour
ANES 571	Anesthesia Review III	1
ANES 576	Senior Seminar II	1
ANES 570	Clinical Anesthesia VI (600 hours)	15