



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

### Semester I: 17 semester hours

Course		Credit Hour
ANES 500	Introduction to Anesthesia (80 hours of clinical)	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**

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

**Semester IV: 18 semester hours**

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

**Semester V: 17 semester hours**

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

**Semester VI: 14 semester hours**

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

**Semester VII: 17 semester hours**

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