AN 7100 Advanced Health and Physical Assessment and Clinical Anesthesia Practicum I Cr. 1
Advanced systematic focus on health assessment, anatomical and physical limitations, and impact on anesthesia practice. Offered Fall.

AN 7150 Principles of Anesthesia I Cr. 4
Principles and usage of all anesthesia equipment including electronic instrumentation. Theoretical exploration of various techniques of anesthesia. Offered Fall.

AN 7200 Advanced Pharmacology of Anesthesia Cr. 2
General qualitative and quantitative aspects of pharmacology. Interaction and kinetics of pharmacologic agents and their relationship to anesthetic practice. Offered Fall.

AN 7240 Pulmonary Mechanics and Anesthesia Implications Cr. 2
Techniques of monitoring and treatment and impact on anesthesia practice. Offered Fall.

AN 7290 Advanced Clinical Anesthesia Practice Review I Cr. 1
Use of theoretical concepts and advanced clinical principles to develop the art and science of practice with emphasis on individualizing care, in addition to board preparation. Offered Winter.

AN 7590 Advanced Anatomy for Nurse Anesthetists Cr. 4
Structural and functional aspects of the human body; relationships to nurse anesthesia practice. Study of regions in which anesthesia may be induced. Offered Spring/Summer.

AN 7590 Advanced Anatomy for Nurse Anesthetists Cr. 4
Study of regions in which anesthesia may be induced. Offered Spring/Summer.

AN 7600 Regional Anesthesia Cr. 2
Techniques of monitoring and treatment and impact on anesthesia practice. Offered Fall.

AN 7620 Pulmonary Mechanics and Anesthesia Implications Cr. 2
Advanced evaluation of cardiopulmonary/respiratory complication. Clinical anesthesia care. Offered Fall.

AN 7630 Outpatient Anesthesia Practice Cr. 1
Introduction to and clinical application of nurse anesthesia process. Offered Fall.

AN 7690 Advanced Clinical Anesthesia Practice Review I Cr. 1
Use of theoretical concepts and advanced clinical principles to develop the art and science of practice with emphasis on individualizing care, in addition to board preparation. Offered Winter.

AN 7700 Advanced Clinical Anesthesia Practice and Review II Cr. 1
Use of theoretical concepts and advanced clinical principles in perfecting the art and science of anesthesia practice with emphasis on preparation for board examination. Offered Winter.

AN 7730 Process of Teaching Cr. 2
Instruction in and clinical application of nurse anesthesia process. Offered Spring/Summer.

AN 7780 Professional Dimensions of Anesthesia Practice Cr. 3
Analysis of role of professional anesthesia associations, anesthesia accreditation agencies, hospital and governmental regulatory agencies relating to nurse anesthesia practice. Offered Winter.
AN 7800 Pain Management for Nurse Anesthetists Cr. 1
Regional techniques and pharmacological interventions to manage acute and chronic pain. Offered Spring/Summer.
**Prerequisites:** AN 7600 with a minimum grade of C

AN 7880 Anesthesia Seminar Cr. 1
Current developments in concepts and theories of nurse anesthesia. Offered Every Term.
**Repeateable for 5 Credits**

AN 7885 Research Design for Anesthesia Cr. 1
Research methodologies, including quantitative and qualitative statistical techniques. Emphasis on designing, implementing, and evaluating health care research. Offered Yearly.

AN 7890 Terminal Project Cr. 1
Finalization of research; preparation for poster submission, publication and presentation of research. Offered Every Term.
**Course Material Fees:** $20

AN 7900 Advanced Pediatric Topics Cr. 2
Detailed advanced lectures in specific pediatric topics. Offered Every Term.

AN 7910 Special Topics in Pediatric Anesthesia Cr. 2
Common pediatric problems; in-depth knowledge on neonatal anesthesia. Offered Every Term.

AN 7920 Case Presentations Cr. 2
Anatomy and physiology of various diseases including principles of anesthetic management. Offered Every Term.