

2017

Master of Science in Anesthesia Ft. Lauderdale 2017

Nova Southeastern University

Follow this and additional works at: https://nsuworks.nova.edu/hpd_coursecatalogs



Part of the [Medicine and Health Sciences Commons](#)

NSUWorks Citation

Nova Southeastern University, "Master of Science in Anesthesia Ft. Lauderdale 2017" (2017). *Health Professions Divisions Course Catalogs*. 282.

https://nsuworks.nova.edu/hpd_coursecatalogs/282

This Program Overview is brought to you for free and open access by the NSU Course Catalogs and Course Descriptions at NSUWorks. It has been accepted for inclusion in Health Professions Divisions Course Catalogs by an authorized administrator of NSUWorks. For more information, please contact nsuworks@nova.edu.

NSU

College of Health Care Sciences

Master of Science in Anesthesia—

Fort Lauderdale

Nova Southeastern University | Health Professions Division | Entering Class 2017



NSU MISSION STATEMENT

The mission of Nova Southeastern University, a private, not-for-profit institution, is to offer a diverse array of innovative academic programs that complement on-campus educational opportunities and resources with accessible, distance-learning programs to foster academic excellence, intellectual inquiry, leadership, research, and commitment to community through engagement of students and faculty members in a dynamic, lifelong learning environment.

NOVA SOUTHEASTERN UNIVERSITY—synonymous with dynamic innovation and intellectual challenge—is the **second largest**, private, nonprofit university in the Southeast and **1 of only 37 universities** (out of more than 4,000) that have earned designations for both High Research Activity and Community Engagement from the Carnegie Foundation for the Advancement of Teaching. Situated on a beautiful, 314-acre campus in Fort Lauderdale, Florida, the university is experiencing a sustained period of academic growth, fiscal strength, and commitment to the challenges of the 21st century.

In this environment of expansion and stability, the university is capitalizing on its strengths in such areas as academic innovation, comprehensive clinical training, and flexible educational delivery systems.

Founded in 1964 as Nova University, the institution merged with Southeastern University of the Health Sciences in 1994, creating Nova Southeastern University. To date, the institution has **more than 170,000 alumni** and current enrollment of **more than 23,000 students**. Fully accredited by the Commission on Colleges of the Southern Association of Colleges and Schools, the university awards associate's,



FORT LAUDERDALE/DAVIE CAMPUS

bachelor's, master's, educational specialist, and doctoral degrees in a wide range of fields including the health professions, law, business, marine sciences, psychology, social sciences, computer and information sciences, and education.

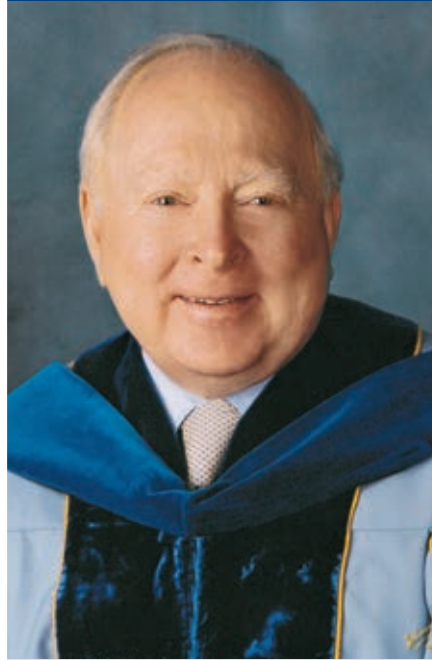
The university's degree programs are administered through academic units that offer courses at the Fort Lauderdale/Davie Campus, at NSU's regional campuses, and at field-based locations throughout Florida; across the nation; and at selected international sites in Europe, Mexico, the Pacific Rim, Central and South America, and the Caribbean.

With a budget of more than \$570 million per year, the university will continue to maintain a solid record of academic and fiscal strength and excellence in teaching and community service, while expanding its mission in research and scholarship.

This brochure is for information purposes only and does not represent a contract. Information contained herein is subject to change at any time by administrative decision on the direction of the board of trustees. Updated information can be found on our website (nova.edu/chcs/healthsciences/anesthesia/index.html).

TABLE OF CONTENTS

Letter from the HPD Chancellor	2
Health Professions Division	3
Letter from the Dean	4
Anesthesiologist Assistants	5
Master of Science in Anesthesia Program	6
Frequently Asked Questions	8
Curriculum Outline	10
Master of Science in Anesthesia	12
Computer Requirements	12
Application Procedures	13
Admissions Requirements	15
Tuition, Fees, Expenses, and Financial Aid	16
Additional Sources of Information	18
Student Housing	19
City of Fort Lauderdale, Florida— “Venice of America”	20



Letter from the HPD Chancellor

OVER THE PAST two decades, NSU’s Health Professions Division has evolved into a dynamic and innovative, interprofessional, academic health center that comprises seven colleges (the Colleges of Osteopathic Medicine, Pharmacy, Optometry, Medical Sciences, Dental Medicine, Health Care Sciences, and Nursing) and more than 60 degree and certificate programs.

Our colleges and programs are nationally and internationally recognized due to our esteemed faculty and staff members, who are dedicated to working closely with students, nurturing them along as they progress through the academic experience. When students truly know their professors are there for them on a daily basis, it makes a big difference in their educational experience.

Our educational paradigm is both academically and technologically robust. Because of this, we’re able to provide our students with the knowledge and skills they will need to become compassionate and dedicated health care professionals. Our current students are fully aware and appreciative of this fact. And as a new student, you will be as well.

Fred Lippman, R.Ph., Ed.D.
Health Professions Division Chancellor



Health Professions Division

AS A STUDENT in the Health Professions Division (HPD) of Nova Southeastern University, you can anticipate a remarkable experience. You will train, study, interact, and share faculty and resources (either campus-based or online) with students from diverse backgrounds and disciplines. This interprofessional approach distinguishes the Health Professions Division as unique and will better prepare you to master your discipline with a sensitivity and understanding of the entire health care system.

The HPD occupies a \$70-million complex, covering 21 acres of the university campus. The division includes eight buildings totaling more than 900,000 square feet of space for classrooms, laboratories, offices, the Health Professions Division Library, an outpatient health center, and a pharmaceutical care center. The adjacent 1,800-vehicle parking garage overlooks the Miami Dolphins Training Camp.

The Health Professions Division, with a student body of more than 5,800, is home to seven colleges.

College of Osteopathic Medicine

- Doctor of Osteopathic Medicine (D.O.)
- Master of Public Health (M.P.H.)
- Master of Science in Biomedical Informatics (M.S.B.I.)
- Master of Science in Disaster and Emergency Management (M.S.)
- Master of Science in Medical Education (M.S.)
- Master of Science in Nutrition (M.S.)
- Graduate Certificate in Health Education
- Graduate Certificate in Medical Informatics
- Graduate Certificate in Public Health
- Graduate Certificate in Public Health Informatics
- Graduate Certificate in Social Medicine

College of Pharmacy

- Master of Science in Pharmaceutical Affairs (M.S.)
- Doctor of Pharmacy (Pharm.D.)
- Doctor of Philosophy in Pharmaceutical Sciences (Ph.D.)
 - Concentration in Drug Development (Pharmaceutics)
 - Concentration in Molecular Medicine and Pharmacogenomics
 - Concentration in Social and Administrative Pharmacy

College of Optometry

- Doctor of Optometry (O.D.)
- Master of Science in Clinical Vision Research (M.S.)
- Graduate Certificate in Clinical Vision Research

College of Health Care Sciences

- Bachelor of Science in Athletic Training (B.S.)
- Bachelor of Science—Cardiovascular Sonography (B.S.)
- Bachelor of Science in Exercise and Sport Science (B.S.)
- Bachelor of Health Science (B.H.Sc.)
- Bachelor of Science—Medical Sonography (B.S.)
- Bachelor of Science in Respiratory Therapy (B.S.)
- Bachelor of Science in Speech-Language and Communication Disorders (B.S.)
- Master of Science in Anesthesia (M.S.)
- Master of Health Science (M.H.Sc.)
- Master of Medical Science in Physician Assistant (M.M.S.)
- Master of Occupational Therapy (M.O.T.)
- Master of Science in Speech-Language Pathology (M.S.)
- Doctor of Audiology (Au.D.)
- Doctor of Health Science (D.H.Sc.)
- Doctor of Philosophy in Health Science (Ph.D.)
- Entry-Level Doctor of Occupational Therapy (O.T.D.)
- Doctor of Occupational Therapy (Dr.O.T.)
- Doctor of Philosophy in Occupational Therapy (Ph.D.)
- Doctor of Physical Therapy (D.P.T.)
 - Professional Doctor of Physical Therapy (D.P.T.)
 - Professional Doctor of Physical Therapy: Hybrid (D.P.T.)
 - Professional Doctor of Physical Therapy: Transition (D.P.T.)
- Doctor of Philosophy in Physical Therapy (Ph.D.)
- Doctor of Speech-Language Pathology (SLP.D.)

College of Medical Sciences

- Master of Biomedical Sciences (M.B.S.)

College of Dental Medicine

- Doctor of Dental Medicine (D.M.D.)
- Master of Science in Dental Medicine (M.S.)
- Postgraduate Certificate in Advanced Education in General Dentistry
- Postgraduate Certificate in Endodontics
- Postgraduate Certificate in Operative Dentistry
- Postgraduate Certificate in Oral and Maxillofacial Surgery
- Postgraduate Certificate in Orthodontics
- Postgraduate Certificate in Pediatric Dentistry
- Postgraduate Certificate in Periodontics
- Postgraduate Certificate in Prosthodontics

College of Nursing

- Bachelor of Science in Nursing (B.S.N.)
 - Entry Nursing
 - R.N. to B.S.N.
- Master of Science in Nursing (M.S.N.)—Major of Advanced Practice Registered Nurse
 - Concentration in Family Nurse Practitioner
 - Concentration in Gerontology-Adult Acute Care
- Master of Science in Nursing (R.N. to M.S.N. or M.S.N.)
 - Concentration in Health Systems Leadership
 - Concentration in Nursing Education
 - Concentration in Nursing Informatics
- Doctor of Nursing Practice (D.N.P.)
- Doctor of Philosophy in Nursing (Ph.D.)
 - Focus on Nursing Education

Dual Degrees

- Bachelor of Science—Cardiovascular Sonography (B.S.) and Master of Health Science (M.H.Sc.)
- Bachelor of Science—Medical Sonography (B.S.) and Master of Health Science (M.H.Sc.)
- Master of Health Science (M.H.Sc.)/Doctor of Health Science (D.H.Sc.)
- Doctor of Osteopathic Medicine (D.O.)/Doctor of Dental Medicine (D.M.D.)

Concurrent Degrees

- Doctor of Osteopathic Medicine (D.O.)/Juris Doctorate (J.D.)
- Doctor of Osteopathic Medicine (D.O.)/Master of Business Administration (M.B.A.)
- Doctor of Osteopathic Medicine (D.O.)/Master of Public Health (M.P.H.)
- Doctor of Osteopathic Medicine (D.O.)/Master of Science in Biomedical Informatics (M.S.B.I.)
- Doctor of Osteopathic Medicine (D.O.)/Master of Science in Disaster and Emergency Management (M.S.)
- Doctor of Osteopathic Medicine (D.O.)/Master of Science in Nutrition (M.S.)
- Doctor of Pharmacy (Pharm.D.)/Master of Business Administration (M.B.A.)
- Doctor of Pharmacy (Pharm.D.)/Master of Public Health (M.P.H.)
- Doctor of Pharmacy (Pharm.D.)/Master of Science in Biomedical Informatics (M.S.B.I.)
- Doctor of Optometry (O.D.)/Master of Public Health (M.P.H.)
- Doctor of Audiology (Au.D.)/Master of Business Administration (M.B.A.)
- Master of Medical Science (M.M.S.)/Master of Public Health (M.P.H.)
- Doctor of Dental Medicine (D.M.D.)/Master of Public Health (M.P.H.)

Letter from the Dean



NOVA SOUTHEASTERN UNIVERSITY'S College of Health Care Sciences provides the highest quality of education to students in a variety of health care disciplines, including occupational, physical, and respiratory therapy; physician assistant; audiology; medical and cardiovascular sonography; anesthesiologist assistant; speech-language pathology; athletic training; exercise and sport science; and health sciences. We offer entry-level programs to advanced health care studies that allow professionals to continue with their lifelong learning. The cutting-edge curricula offered in our programs will help our students gain future success in their fields.

The college is committed to providing health care educational opportunities in formats that meet the needs of prospective students in the community. These formats include both the standard, face-to-face classroom approach and innovative distance electronics. By combining the most contemporary teaching modalities with state-of-the-art technology, our students are assured of obtaining the most comprehensive education possible.

The College of Health Care Sciences believes in excellence and innovation in teaching, research, service, and learning. This is made possible by having an academically skilled and professionally qualified faculty and staff. We have diverse faculty members. They come from different backgrounds, have different degrees, and possess a wide range of educational experiences. Our faculty members are eager to share their knowledge of and expertise in the health care arena with their students. We also have an open door policy that encourages students to seek answers to their questions, allowing them to develop a solid understanding of the materials that they study.

All of these opportunities make the College of Health Care Sciences truly unique. The health care market is undergoing a rapid change. The pace of this change has provided a formidable challenge for institutions that provide the educational programs for future health care professionals. We are proud of the fact that we are training our students to become skilled and compassionate health care providers who are certain to make valuable contributions to the communities they serve. If you wish to become a graduate who is adequately prepared to assume a leadership role in health care, I encourage you to apply to our programs.

A handwritten signature in blue ink, appearing to read 'Stanley Wilson', written in a cursive style.

Stanley Wilson, Ed.D., PT, CEAS
Dean, College of Health Care Sciences

Certified anesthesiologist assistants (CAAs), also known as anesthetists, are highly educated and skilled allied health professionals. They work under the supervision of physician anesthesiologists to develop and implement anesthesia care plans. Certified anesthesiologist assistants work exclusively within the anesthesia care team environment as described by the American Society of Anesthesiologists (ASA). Certified anesthesiologist assistants possess a premedical background, a baccalaureate degree, and also complete a comprehensive didactic and clinical program at the graduate school level. Certified anesthesiologist assistants are trained extensively in the delivery and maintenance of quality anesthesia care as well as advanced patient monitoring techniques. The mission of the anesthesiologist assistant (AA) program is to prepare students for lifelong learning and leadership roles that will benefit the health care community. The educational process will be committed to training and educating competent anesthetists who will embrace the anesthesia care team to provide safe, quality, and compassionate anesthesia care for all degrees of illness for the surgical patient.

The Master of Science in Anesthesia program is dedicated to developing a well-rounded practicing CAA. Faculty members and current students are dedicated to the following objectives:

- to prepare competent, entry-level anesthesiologist assistants in the cognitive (knowledge), psychomotor (skills), and affective (behavior) learning domains
- to develop vigilant, knowledgeable, skilled, and compassionate anesthesia care providers who are capable of functioning within the anesthesia care team model in the delivery of all perioperative anesthesia services
- to inspire and prepare the future leaders in our profession for service in local, state, and national organizations that shall advance the utilization and practice of certified anesthesiologist assistants



- to advance anesthesiologist assistant education through the application of state-of-the-art technology and evidence-based learning practices that continue to support our student learning objectives
- to develop highly skilled, interdisciplinary, and culturally sensitive faculty members and students who model professionalism and exemplify ethical practice, effective communication, and organizational leadership
- to support the mission and goals of Nova Southeastern University, including our department, college, and division, in the provision of scholarship, service, teaching, and patient care

Master of Science in Anesthesia Program

The Master of Science in Anesthesia (M.S.) program is fully accredited by the Commission on Accreditation of Allied Health and Education Programs (CAAHEP).

The 27-month program consists of an intensive academic and didactic program that will prepare the student to function within the anesthesia care team. The students will get an extensive clinical training experience that will consist of a minimum of 2,000 clinical hours that encompass all aspects of anesthesia care for the surgical patient. Upon completion of the course of study, students will have earned a Master of Science in Anesthesia degree from Nova Southeastern University.

Students are trained in state-of-the-art facilities.

Our classrooms feature high-definition technology providing crisp visual presentation of course materials and video recording capabilities that allow students to review course lectures. The student's educational experience is enhanced by two of the largest, fully functional operating rooms. The NSU Master of Science in Anesthesia programs are the only ones in the country to have four high-fidelity anesthesia simulators (two adult, one pediatric, and one baby). A student library, lounge, and study center area complete the AA facilities.

The first year (semesters 1, 2, 3, and 4) encompasses an in-depth course of study in the fundamentals of anesthesia through close, personal interaction with highly qualified faculty members and the latest available anesthesia technology. Student learning is advanced through integrated anesthesia simulation. Students will master all aspects of anesthesia practice through advanced simulation including regional

anesthesia and spinal and epidural techniques. Clinical experience begins in the first year and will increase as the year progresses.

The senior year (semesters 5, 6, and 7) will consist of clinical rotations assigned in intervals ranging from two weeks to two months. During the senior year, clinical rotations are full time and involve all specialty areas in anesthesia, including general surgery, pediatrics, obstetrics and gynecology, otolaryngology, orthopedics, neurosurgery, ophthalmology, genitourinary surgery, vascular surgery, cardiac surgery, thoracic surgery, transplantation, and trauma. Clinical rotations include days, evenings, nights, weekends, and on-call—depending upon the rotation.

NSU's Master of Science in Anesthesia programs will prepare the student for the national certification exam administered by the National Board of Medical Examiners under the auspices of the National Commission for the Certification of Anesthesiologist Assistants. The certification process involves successfully completing the Certifying Examination for Anesthesiologist Assistants for initial certification; registration of continuing medical education credits every two years; and successful completion of the Examination for Continued Demonstration of Qualifications every six years.

Due to the highly integrated curriculum, the program requires admitted students to complete the entire program course of study. No advanced placement, transfer of credit, or credit for experiential learning will be granted.



Frequently Asked Questions about the AA Profession

WHAT IS THE TYPICAL JOB DESCRIPTION FOR A CAA?

The specific job descriptions and duties of CAAs may differ according to geographic area and local practice. State law or board of medicine regulations or guidelines may further define the job descriptions of CAAs. Certified anesthesiologist assistants practice under the direction of a qualified anesthesiologist. The CAA's functions include, but are not limited to, the following:

- obtaining an appropriate and accurate preanesthetic health history, performing an appropriate physical examination, and recording pertinent data in an organized and legible manner
- conducting diagnostic laboratory and related studies as appropriate, such as drawing arterial and venous blood samples
- performing and monitoring regional anesthesia including (but not limited to) spinal, epidural, IV regional, and other special techniques, such as local infiltration and nerve blocks
- performing the insertion of invasive monitoring modalities, such as arterial lines, pulmonary artery catheterization, and central venous lines, as delegated by the supervising anesthesiologist
- administering anesthetic agents and any controlled substances under the medical direction of a supervising anesthesiologist including, but not limited to, administration of induction agents, maintaining and altering anesthesia levels, administering adjunctive treatment, and providing continuity of anesthetic care into and during the postoperative recovery period
- establishing airway interventions and performing ventilatory support
- applying and interpreting advanced monitoring techniques
- using advanced life support techniques, such as high-frequency ventilation and intra-arterial cardiovascular assist devices
- making post-anesthesia patient rounds by recording patient progress notes, compiling and recording case summaries, and transcribing standing and specific orders
- evaluating and treating life-threatening situations, such as cardiopulmonary resuscitation, on the basis of established protocols (BLS, ACLS, and PALS)
- performing duties in intensive care units, pain clinics, and other settings, as appropriate
- training and supervising personnel in the calibration, troubleshooting, and use of patient monitors
- performing administrative duties in an anesthesiology practice or anesthesiology department, such as patient record management, procedure coding and billing, and management of personnel
- participating in the clinical instruction of others

WHAT IS THE ACCREDITING BODY FOR AN AA COURSE OF STUDY?

The Commission on Accreditation of Allied Health Education Programs (CAAHEP) accredits AA training programs.

Commission on Accreditation of Allied Health Education Programs

25400 U.S. Highway 19 North
Suite 158

Clearwater, Florida 33763

Phone: (727) 210-2350

Fax: (727) 210-2354

Website: caahep.org

WHAT IS THE CERTIFICATION PROCESS FOR A CAA?

The National Commission for Certification of Anesthesiologist Assistants (NCCAA) was founded in July 1989 to develop and administer the certification process for AAs in the United States.

Graduates or senior students in an AA educational program that has been accredited by CAAHEP may apply for initial certification. Initial certification is awarded to an AA who has successfully completed the Certifying Examination for Anesthesiologist Assistants administered by the NCCAA in collaboration with the National Board of Medical Examiners (NBME). Certified AAs are permitted to use the designation CAA to indicate that they are currently certified.

DOES A CAA HAVE TO RECERTIFY?

Yes. In order to maintain certification after passing the initial examination, CAAs must submit documentation to the NCCAA that they have completed 40 hours of continuing medical education (CME) every two years. In addition, every six years they must pass the Examination for Continued Demonstration of Qualifications (CDQ).

WHERE WOULD A CAA PRACTICE?

The use of CAAs within the anesthesia care team across the country is a dynamic and evolving process. Therefore, in order to get the latest and most accurate information, please contact your state board of medicine or the American Academy of Anesthesiologist Assistants.



STUDENTS ARE provisionally admitted to a degree-seeking program based on a review of unofficial transcripts or other specific program admission requirements. However, this admission includes a condition that final and official transcripts, documents, and requirements must be received within 90 calendar days from matriculation. If these final and official transcripts, documents, and/or requirements are not received by that time, the student will not be allowed to continue class attendance. Financial aid will not be disbursed to a provisional/conditional student until he or she has been fully admitted as a regular student (all admissions requirements have been approved by the college/program admissions office). Students who have an unpaid balance 30 days from the start of the term will be assessed a \$100 fee.

Curriculum Outline

START DATE: JUNE

LENGTH: 27 MONTHS

DEGREE: MASTER OF SCIENCE IN ANESTHESIA

TOTAL CREDIT HOURS: 104

MINIMUM CLINICAL HOURS: 2,000

NOTE: ALL COURSES WITH THE MHS PREFIX WILL BE TAKEN ONLINE.

Summer—Semester I (June–August)

COURSE #	COURSE TITLE	CREDIT HOURS
ANES 5048	Medical Terminology	1
ANES 5081	Introduction to Clinical Anesthesia	2
ANES 5301	Anesthesia Laboratory I	3
ANES 5328	ECG for Anesthesiologist Assistants	2
ANES 5621	Principle of Airway Management I	2
ANA 5420	Anatomy	5
PHS 5400	Physiology	3
TOTAL CREDIT HOURS		18

Fall—Semester II (September–December)

COURSE #	COURSE TITLE	CREDIT HOURS
ANES 5302	Anesthesia Laboratory II	3
ANES 5462	Pharmacology for Anesthesia I	2
ANES 5601	Applied Physiology for Anesthesia Practice I	3
ANES 5622	Principle of Airway Management II	2
ANES 5801	Instrumentation and Monitoring I	2
ANES 5901	Anesthesia Principle and Practices I	2
ANES 5328	Principles of Perioperative Life Support*	3
MHS 5205	Writing for Medical Publication	3
TOTAL CREDIT HOURS		20

* Basic Life Support Certification and Advanced Cardiac Lifesaving will be obtained during this semester.

Winter—Semester III (January–May)

COURSE #	COURSE TITLE	CREDIT HOURS
ANES 5001	Clinical Anesthesia I	3
ANES 5303	Anesthesia Laboratory III	3
ANES 5463	Pharmacology for Anesthesia II	2
ANES 5602	Applied Physiology for Anesthesia Practice II	3
ANES 5802	Instrumentation and Monitoring II	1
ANES 5902	Anesthesia Principle and Practices II	2
ANES 5101	Student Lecture Series I	1
TOTAL CREDIT HOURS		15

Minimum Clinical experience: 150 hrs.

Summer—Semester IV (June–August)

COURSE #	COURSE TITLE	CREDIT HOURS
ANES 5002	Clinical Anesthesia II	3
ANES 5304	Anesthesia Laboratory IV	3
ANES 5903	Anesthesia Principle and Practices III	2
ANES 5102	Student Lecture Series II	1
TOTAL CREDIT HOURS		9

Minimum Clinical experience: 144 hrs.

Pediatric Advanced Cardiac Lifesaving will be obtained during this semester.

Clinical Year, Fall—Semester V (September–December)

COURSE #	COURSE TITLE	CREDIT HOURS
ANES 6001	Clinical Anesthesia III	13
TOTAL CREDIT HOURS		13

Minimum Clinical experience: 675 hrs.

Clinical Year, Winter—Semester VI (January–May)

COURSE #	COURSE TITLE	CREDIT HOURS
ANES 6002	Clinical Anesthesia IV	15
ANES 6110	Anesthesia Review	2
TOTAL CREDIT HOURS		17

Minimum Clinical experience: 675 hrs.

Clinical Year, Summer—Semester VII (June–August)

COURSE #	COURSE TITLE	CREDIT HOURS
ANES 6003	Clinical Anesthesia V.	12
TOTAL CREDIT HOURS		12

Minimum Clinical experience: 356 hrs.

Curriculum is subject to change as directed by the department.

ACCREDITATION

Nova Southeastern University is accredited by the Southern Association of Colleges and Schools Commission on Colleges to award associate’s, baccalaureate, master’s, educational specialist, doctorate, and professional degrees. Contact the Commission on Colleges at 1866 Southern Lane, Decatur, Georgia 30033-4097 or call 404-679-4500 for questions about the accreditation of Nova Southeastern University.

NONDISCRIMINATION

Consistent with all federal and state laws, rules, regulations, and/or local ordinances (e.g., Title VII, Title VI, Title III, Title II, Rehab Act, ADA, and Title IX), it is the policy of Nova Southeastern University not to engage in any discrimination or harassment against any individuals because of race, color, religion or creed, sex, pregnancy status, national or ethnic origin, nondisqualifying disability, age, ancestry, marital status, sexual orientation, unfavorable discharge from the military, veteran status, or political beliefs or affiliations, and to comply with all federal and state nondiscrimination, equal opportunity, and affirmative action laws, orders, and regulations.

This nondiscrimination policy applies to admissions; enrollment; scholarships; loan programs; athletics; employment; and access to, participation in, and treatment in all university centers, programs, and activities. NSU admits students of any race, color, religion or creed, sex, pregnancy status, national or ethnic origin, nondisqualifying disability, age, ancestry, marital status, sexual orientation, unfavorable discharge from the military, veteran status, or political beliefs or affiliations, to all the rights, privileges, programs, and activities generally accorded or made available to students at NSU, and does not discriminate in the administration of its educational policies, admission policies, scholarship and loan programs, and athletic and other school-administered programs.





The Master of Science in Anesthesia curriculum includes some coursework (5 credits) designed to be completed in a distance-learning format. These courses complement student learning through interactive activities taught by an experienced faculty.

Students in the program are provided with NSU computer accounts including email. Students must obtain their own Internet service providers (ISP), use their own computer systems (PC or Apple Macintosh), and purchase a smart-phone. New students receive an orientation and extensive online technical support dealing with online access, online tools and methods, and library resources. The online medical database collection at NSU is extensive and includes access to quality subscription services that are free for the student.

COMPUTER REQUIREMENTS

All students are required to have a computer with the following minimum specifications:

- 2 GB RAM
- video and monitor capable of 1024 X 768 resolution or better
- sound card and speakers
- high-speed Internet connection with Internet service provider
- Windows 7 or equivalent MAC OS
- Microsoft Office 2000 or newer with PowerPoint, Word, and Excel minimum
- printer capability
- Android or iPhone smartphone (for use with electronic evaluations)

Application Procedures

Nova Southeastern University participates in the Centralized Application Service for Anesthesiologist Assistants (CASAA) for the receipt and processing of all applications. CASAA takes no part in the selection of students. The CASAA may take up to six weeks verifying supporting documents. Therefore, early application is highly recommended. Applicants must

- complete the online CASAA application before February 15 (All applicants should apply online at <https://casaa.liaisoncas.com>.)
- send the following supporting documents directly to CASAA:
 - all official college transcripts from all undergraduate, graduate, and professional institutions attended (sent to CASAA directly from the institutions)
 - three evaluation forms from supervisors or colleagues, clinical or nonclinical
 - resume or curricula vitae
 - copies of national and professional certifications or licenses by a recognized certifying body (if applicable)
 - summary of an article published in a current anesthesia journal
 - evidence of eight hours of documented anesthesia exposure

Once the CASAA application has been received by Nova Southeastern University, an NSU supplemental application will be made available to applicants. The NSU application is available beginning April 15 until March 15 of the next year. In addition to completing the online NSU supplemental application, applicants must submit the following:

- \$50, nonrefundable application fee
 - official Graduate Record Examination (GRE) scores
- GRE scores must be less than five years old from the date of application and must be taken early enough for official scores to be received by the CASAA deadline of February 15.

The NSU code number is **5522**.

Completed NSU applications without a completed CASAA application will not be considered.

After NSU receives the supplemental application, the \$50 fee, and GRE scores, the applicant's application will be reviewed. The Committee on Admissions will not consider an application until all required fees, credentials, and evaluations have been received by NSU.

If applicant attended or is a graduate of a foreign institution, all coursework from the foreign institution must be evaluated for U.S. institutional equivalence. The official evaluation must be sent directly from an approved National Association of Credential Evaluation Services (NACES) evaluation service, such as one of the services listed below.

World Education Services, Inc.

Bowling Green Station
P.O. Box 5087
New York, New York 10274-5087
(212) 966-6311 • wes.org

Josef Silny and Associates, Inc.

7101 SW 102nd Avenue
Miami, Florida 33173
(305) 273-1616 • (305) 273-1388 (fax)
jsilny.com

Educational Credential Evaluators, Inc.

P.O. Box 514070
Milwaukee, Wisconsin 53203-3470
(414) 289-3400 • ece.org

It is the applicant's responsibility to have this coursework evaluated. An official course-by-course evaluation with a cumulative grade point average must be sent directly from the evaluation service to CASAA.

Application Procedures (Continued)

Personal Interview

Personal interviews are by invitation only and are an integral part of the admissions process. Not all applicants will be granted an interview by the program, and an interview is not a guarantee of admission. The program processes applications on a “rolling” or periodic basis. It is in the best interest of prospective students to complete their applications early because of the limited number of positions in the class.

Current College Coursework

All prerequisite coursework must be completed by the start of class in order to be considered for admission. If, at the time of the application, coursework is in progress or anticipated, please identify these courses on the supplemental application.

Transcripts

All applicants who are accepted must submit official transcripts of all completed coursework to the NSU Enrollment Processing Services prior to matriculation. It is the responsibility of the applicant to ensure that arrangements are made for these transcripts to be sent to

Nova Southeastern University
Enrollment Processing Services
College of Health Care Sciences
Anesthesiologist Assistant Admissions
3301 College Avenue, P.O. Box 29900
Fort Lauderdale, Florida 33329-9905



Admissions Requirements

Prospective anesthesiologist assistant students are selected by the Committee on Admissions (COA), which considers the overall qualities of the applicant. Areas of consideration include interpersonal skills, personal motivation, knowledge and understanding of the AA profession and the Anesthesia Care Team, academic performance and level of achievement, life experiences, and recommendations. Personal interviews are offered to the most qualified applicants to assess interpersonal and communication skills, altruistic attitude, maturity, and commitment to the AA profession and anesthesia care team model.

Applicants must submit the following:

1. evidence of a baccalaureate degree from a nationally recognized and regionally accredited college or university, including above-average performance in courses required in a premed curriculum (refer to required courses below)

REQUIRED COURSES

Course	# of Semesters Needed
General biology with lab OR Anatomy and physiology with lab.....	2
General chemistry with lab.....	2
Organic chemistry with lab	1
Biochemistry	1
General Physics with lab	2
Calculus	1
English composition	1

PREFERRED COURSES—NOT REQUIRED

Course	# of Semesters Needed
Anatomy with lab	1
Physiology	1
Organic chemistry	a second semester
Microbiology*	1
Cellular and molecular biology*	1

**An advanced course in microbiology or cellular and molecular biology is preferred and would meet one semester of the general biology requirement. 1 semester = 1.5 quarters*

Note: A 2.0 (C) or better is required in all prerequisite classes.

2. official transcripts of all undergraduate and graduate coursework
3. evidence of a minimum cumulative GPA of 2.75 on a 4.0 grading scale—minimum GPA of 3.25 preferred
4. Graduate Record Examination (GRE) or Medical College Admissions Test (MCAT) scores (must have been taken within the past five years and must be taken early enough for official scores to be received by admissions office by the supplemental application due date of March 15)

NSU's GRE code is **5522**.

The GRE information can be obtained from gre.org. Information for the MCAT is at aamc.org/students/mcat.

5. three letters of recommendation from individuals familiar with the applicant's prior academic performance, potential, character, work habits, and suitability for graduate study leading into a career in clinical practice
6. documented anesthesia exposure—by observation in the operating room—of at least eight hours
7. summary of an article published in a current anesthesia journal
8. demonstrated evidence of computer skills, through coursework or self-study, prior to the end of the first semester (instruction may be obtained through NSU Student Microcomputer Laboratory or other training facilities)

The applicant who has graduated from a college or university of a country for which English is not the primary language, regardless of United States' residency status, must obtain a minimum score of 600 on the written or 213 on the computerized Test of English as a Foreign Language (TOEFL). An official set of scores must be sent directly from the Educational Testing Service in Princeton, New Jersey, to NSU's EPS.

Tuition, Fees, Expenses, and Financial Aid

Tuition for 2017–2018 will be posted on our website (nova.edu/chcs/healthsciences/anesthesia/index.html). A Health Professions Division general access fee of \$145 is required each year. An NSU student services fee of \$1,050 is also required annually. In addition, a clinical support fee of \$475 will be assessed in each of the five semesters of clinical training. All tuition and fees are subject to change by the board of trustees without notice.

1. Acceptance Fee—\$500. This fee is required to reserve the accepted applicant's place in the entering first-year class, but is not refundable in the event of a withdrawal. It is payable within two weeks of an applicant's acceptance.
2. Deposit—\$250. This is due February 15, under the same terms as the Acceptance Fee.
3. Preregistration Fee—\$250. This is due April 15, under the same terms as the Acceptance Fee.

The first semester's tuition and fees, less the \$1,000 previously paid, are due on or before registration day. Tuition for each subsequent semester is due on or before the appropriate registration day. Students will not be admitted until their financial obligations have been met. The financial ability of applicants to complete their training at the college is important because of the limited number of positions available in each class. Applicants should have specific plans for financing 27 months of professional education. This should include tuition, living expenses, books, equipment, and miscellaneous expenses.

Each student is required to carry adequate personal medical and hospital insurance. Students may avail themselves of the hospitalization insurance plan obtainable through the university.

Students should anticipate spending approximately \$19,000 per year for living expenses. In addition,

students should anticipate spending \$5,000 for books and equipment during the 27-month program. If the student participates in clinical rotations outside the South Florida area, the student may incur additional housing and other living expenses.

The primary financial responsibility for a student's education rests with the student and his or her family. Economic circumstances for some families may make it necessary for the student to obtain assistance from other sources.

The purpose of the Student Financial Assistance Program at NSU is to help as many qualified students as possible to complete their health professions education. Various loans, scholarships, and grants are available to qualified students to help ease the high cost of a health professions education. These financial assistance programs are described in a variety of separate university publications.

For information on financial assistance, contact

Nova Southeastern University
Office of Student Financial Assistance
3301 College Avenue
Fort Lauderdale, Florida 33314-7796
(954) 262-3380
800-806-3680

A limited number of part-time work assignments are available. However, due to the demands of the program curriculum, the program strongly discourages any outside employment.



Additional Sources of Information

With an emphasis on leadership and professional development, and to maximize the governmental and political understanding of the AA profession, students in the Master of Science in Anesthesia Program at NSU will be required to obtain student membership with the American Academy of Anesthesiologist Assistants (AAAA), American Society of Anesthesiologists (ASA), Florida Society of Anesthesiologists (FSA), and Florida Academy of Anesthesiologists Assistants (FAAA). Participation via attendance at the annual conferences for the organizations listed above is highly encouraged.

- For information on a career as a certified anesthesiologist assistant, contact

**American Academy of
Anesthesiologist Assistants**

1231 Collier Road, NW
Suite J
Atlanta, Georgia 30318

Toll Free: 888-443-6353

Email: aaaa@societyhq.com

Website: anesthetist.org

- For information on the certification process for certified anesthesiologist assistants, contact

**National Commission for Certification
of Anesthesiologist Assistants**

1500 Sunday Drive, Suite 102
Raleigh, North Carolina 27607

Telephone: (919) 573-5439

Toll Free: 877-558-0411

Fax: (919) 573-5440

Email: business.office@aa-nccaa.org

Website: aa-nccaa.org

- For information about the anesthesia care team, contact

American Society of Anesthesiologists

520 N. Northwest Highway
Park Ridge, Illinois 60068-2573

Website: asahq.org

Florida Society of Anesthesiologists

701 Brickell Avenue

Suite 1550

Miami, Florida 33131

Phone: (786) 300-3183

Fax: (310) 437-0585

Email: executiveoffice@fsahq.org

Website: <http://www.fsahq.org/>

- For information about the NSU AA program or to request an AA admissions application packet, please contact the NSU admissions office.

Nova Southeastern University

Health Professions Division

Master of Science in Anesthesia

3200 South University Drive

Fort Lauderdale, Florida 33328-2018

Telephone: (954) 262-1101

Toll Free: 800-356-0026, ext. 21101

Website: nova.edu/mhs/anesthesia

Disclaimer: Links to non-NSU sites are provided for your convenience and do not constitute an endorsement.

Student Housing

Numerous apartments, condominiums, and other rental facilities are located near campus. Limited on-campus housing is also available. Information concerning on- and off-campus housing may be obtained by contacting

Nova Southeastern University
Office of Residential Life and Housing
3301 College Avenue
Fort Lauderdale, Florida 33314-7796
(954) 262-7052



City of Fort Lauderdale, Florida—“Venice of America”



The city of Fort Lauderdale is situated on the southeast coast of Florida. It is located in the east-central portion of Broward County, Florida, approximately 23 miles north of Miami and 42 miles south of Palm Beach, and is a short drive to the world-famous Florida Keys.

Encompassing more than 33 square miles with a population of nearly 167,000, Fort Lauderdale is the largest of Broward County's 30 municipalities and the seventh largest city in Florida. Embraced by the Atlantic Ocean, New River, and myriad scenic inland waterways, Fort Lauderdale truly lives up to its designation as the “Venice of America.”

An advantageous economic climate is helping the city of Fort Lauderdale establish itself as a world-class international business center and one of the most desirable locations for new, expanding, or relocating businesses. Once known strictly as a tourism-based economy, Fort Lauderdale now supports a diverse range of industries, including marine, manufacturing, finance, insurance, real estate, high technology, avionics/ aerospace, and film and television production.

Fort Lauderdale also offers an outstanding quality of life, highlighted by a semitropical climate; rich, natural beauty; and an array of cultural, entertainment, and educational amenities. Blessed with over 3,000 hours of sunshine each year and pleasant, year-round ocean breezes, world-famous Fort Lauderdale Beach offers premier opportunities for recreation, relaxation, and enjoyment. The picturesque Riverwalk serves as the cornerstone of the city's arts, science, cultural, and historic district. This district features the Broward Center for the Performing Arts, Museum of Discovery and Science, NSU Art Museum Fort Lauderdale, and Old Fort Lauderdale Village

and Museum. Las Olas Boulevard has gained international acclaim as Fort Lauderdale's centerpiece of fashion, fine dining, and entertainment.

A mecca for the avid sportsman, the area features endless holes of golf; miles of wilderness trails for hiking and biking; unsurpassed snorkeling, diving, and deep-sea fishing; premier thoroughbred horse racing at Gulfstream Park; and Florida Panthers ice hockey at the state-of-the-art BB&T Center. Select your sort of sport year round. With our more than 300 sports venues from aquatic complexes to sheets of ice, soccer fields, and tennis courts, Greater Fort Lauderdale is ideal for amateur and leisure sports. Year-round tennis venues include the Jimmy Evert Tennis Center in Fort Lauderdale, the Red Clay Court Facility in Coral Springs, and the Palm-Aire Tennis Facility in Pompano Beach. Three world-class Olympic aquatic complexes—the International Swimming Hall of Fame, Plantation Aquatic Complex, and Coral Springs Aquatic Complex—meet the needs for every aquatic sport. Along the Atlantic coastline, Greater Fort Lauderdale hosts numerous fishing tournaments and is home to the International Game Fish Association (IGFA) Fishing Hall of Fame and Museum with its interactive exhibits. Underwater treasures are discovered in award-winning wreck and reef diving.

Through the cooperative efforts of residents, businesses, and local government, Fort Lauderdale has evolved into a city that offers the best of both worlds—an attractive business environment and an outstanding quality of life. Fort Lauderdale is a great place to live, work, and raise a family, and the city looks forward to continuing to build upon its success to meet the challenges of the 21st century and beyond.

HEALTH PROFESSIONS DIVISION COMPLEX (SEE BELOW FOR LOCATION ON CAMPUS)

1 TERRY ADMINISTRATION BUILDING

FIRST FLOOR

- Student Affairs
- Admissions
- Financial Aid
- HPD Cafeteria

SECOND FLOOR

- College of Health Care Sciences
 - Audiology Department
 - Health Sciences Department
 - Occupational Therapy Department
 - Physical Therapy Department
 - Physician Assistant Department

THIRD FLOOR

- College of Medical Sciences
- College of Pharmacy

FOURTH FLOOR

- College of Osteopathic Medicine
- College of Optometry

FIFTH FLOOR

- HPD Administration
- Public Health Program
- College of Nursing
- Area Health Education Center

2 ASSEMBLY BUILDING

- Finkelstein Auditorium (125 seats)
- Jonas Auditorium (125 seats)
- Melnick Auditorium (125 seats)
- Resnick Auditorium (125 seats)
- Terry Auditorium (125 seats)
- Auditoria A, B, and C (125 seats each)
- Robert A. Steele Auditorium (500 seats)
- Hull Auditorium (250 seats)
- Seminar Rooms

3 LIBRARY/LABORATORY BUILDING

FIRST FLOOR

- Center for Consumer Health Informatics Research (CCHIR)
- "Harvey" Cardiac Patient Simulation Room
- HPD Library
- Student Computer Laboratory
- Patient Simulation Center

SECOND FLOOR

- Occupational Therapy Laboratories
- Optometry Laboratories
- Physical Therapy Laboratory
- Student Lounge
- FOMA Osteopathic Manipulative Medicine Laboratory

THIRD FLOOR

- Basic Science Laboratories
- Gross Anatomy Laboratories
- Microscopy Laboratory
- Research Laboratories
- Moran Pharmacy Practice Laboratory
- Pharmacokinetics Laboratory
- Pharmaceutics Laboratory

4 PHARMACY AND PHARMACEUTICAL CARE CENTER

5 SANFORD L. ZIFF HEALTH CARE CENTER

FIRST FLOOR

- Family Medicine
- Occupational Therapy
- Pediatrics
- Dermatology
- Physical Therapy
- Radiology

SECOND FLOOR

- Optometry Clinics
- Optometry Dispensary

THIRD FLOOR

- Business Offices
- Specialty Clinics
 - Audiology
 - Cardiology
 - Internal Medicine
 - Osteopathic Manipulative Medicine
 - Pulmonary Medicine
- Emergency Medicine Training Center



6 DENTAL MEDICINE BUILDING

FIRST FLOOR

- Oral Medicine and Radiology Clinic
- Oral Surgery Clinic
- Student Dental Clinic
- Clinic Support Laboratory
- Predoctoral and Postgrad. Oral Surgery

SECOND FLOOR

- Faculty Practice
- Simulation Lab
- Postgraduate Endodontics
- Postgraduate Orthodontics
- Postgraduate Pediatric Dentistry
- Postgraduate Periodontics
- Postgraduate Prosthodontics

THIRD FLOOR

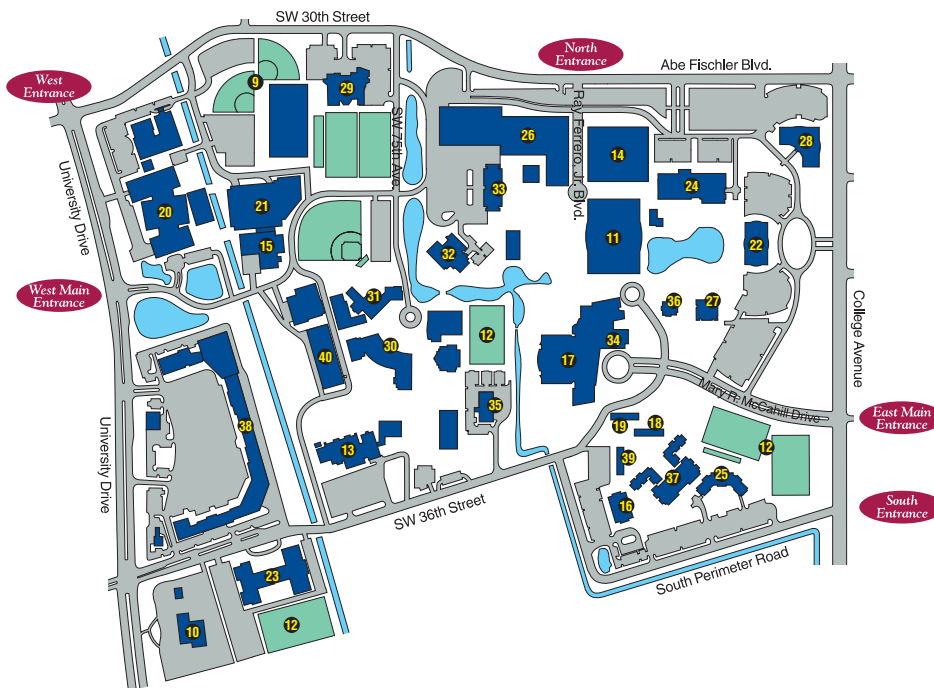
- Auditorium
- Seminar Rooms
- Central Sterilization Area
- Dispensing
- Faculty Offices
- Student Dental Supply Depot

7 PARKING GARAGE

8 HPD ASSEMBLY BUILDING

- Auditorium
- Computer Science Laboratory
- Seminar Rooms
- Physical Assessment Laboratory
- Compliance Office

NSU FORT LAUDERDALE/DAVIE CAMPUS



A.D. Griffin Sports Complex with Lighted Softball Fields	9
Administrative Services Center	10
Alvin Sherman Library, Research, and Information Technology Center	11
Athletics Fields	12
Campus Support Center	13
Carl DeSantis Building	14
Center for Collaborative Research	15
Cultural Living Center	16
Don Taft University Center	17
Farquhar Residence Hall	18
Founders Residence Hall	19
Health Professions Division Complex	20
Health Professions Division Parking Garage	21
Horvitz Administration Building	22
Jim & Jan Moran Family Center Village	23
Leo Goodwin Sr. Hall	24
Leo Goodwin Sr. Residence Hall	25
Library and Main Student Parking Garage	26
Mailman-Hollywood Building	27
Maltz Building	28
Miami Dolphins Training Facility	29
NSU University School Lower School	30
NSU University School Middle School (Dauer Building)	31
NSU University School Upper (Sonken Building)	32
Parker Building	33
Rosenthal Student Center	34
Shark Athletics Building	35
Student Affairs Building	36
The Commons Residence Hall	37
University Park Plaza	38
Vettel Residence Hall	39
West Parking Garage	40



HEALTH
PROFESSIONS
DIVISION



NOVA SOUTHEASTERN
UNIVERSITY

Health Professions Division
3200 South University Drive
Fort Lauderdale, Florida 33328-2018

Office of Admissions
(954) 262-1101 • 877-640-0218

nova.edu