

NSU's Dr. Pallavi Patel College of Health Care Sciences

MASTER OF SCIENCE IN ANESTHESIA

Tampa Bay



NOVA SOUTHEASTERN
UNIVERSITY

NSU
Florida

Health Professions Division | Students Entering 2021

Now Accepting Applications for NSU's Tampa Bay Regional Campus

nova.edu



Anesthesiologist Assistant students share their skills with children in the Philippines.



THE NSU EDGE

- low student-to-faculty ratio
- advanced patient simulation technology
- extensive resources
- clinical experience
- opportunities to aid urban and rural underserved populations
- interprofessional service-learning
- faculty and staff members who care about your success
- commitment to developing students of academic and clinical distinction
- track record for nurturing patient-focused leaders

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MESSAGE FROM THE DEAN



Nova Southeastern University's Dr. Pallavi Patel 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 Dr. Pallavi Patel 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 these opportunities make the Dr. Pallavi Patel 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', with a stylized flourish at the end.

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



“We are proud of the fact that we are training our students to become skilled and compassionate health care providers.”

—Stanley Wilson

ANESTHESIOLOGIST ASSISTANT PROFESSION

Did You Know?

Certified anesthesiologist assistants work exclusively within the anesthesia care team environment as described by the American Society of Anesthesiologists.

Certified anesthesiologist assistants (CAAs), also known as anesthetists, are highly educated and skilled allied health professionals. They

- work under the supervision of physician anesthesiologists
- develop and implement anesthesia care plans
- possess a premedical background, a baccalaureate degree, and complete a comprehensive didactic and clinical program at the graduate school level
- are trained extensively in the delivery and maintenance of quality anesthesia care as well as advanced patient monitoring techniques



PURPOSE

The mission of NSU's 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 anesthesiologists who will embrace the anesthesia care team to provide safe, quality, and compassionate anesthesia care for all degrees of illness for the surgical patient.

PROGRAM OBJECTIVES

NSU's 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 CAAs
- 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



PROGRAM OVERVIEW

NSU's Master of Science (M.S.) in Anesthesia 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. Extensive clinical training experience consists of a minimum of 2,000 clinical hours that encompass all aspects of anesthesia care for the surgical patient.

Students are trained in state-of-the-art facilities. Students also train in two of the largest, fully functional operating rooms, as well as a mock postoperative and intensive care unit. A technologically advanced lecture hall, a student lounge, and anesthesia faculty member offices complete the facilities.

Did You Know?

NSU's M.S. in Anesthesia programs are the only ones in the country to have four high-fidelity anesthesia simulators (two adult, one pediatric, and one baby).

The first year (semesters 1, 2, 3, and 4) presents an in-depth course of study in the fundamentals of anesthesia through interaction with highly qualified faculty members and the latest available anesthesia technology.

Clinical experience begins in the first year. The didactic curriculum, complemented by simulation learning, will provide the student with the necessary skills to meet the clinical objectives of the curriculum.

The senior year (semesters 5, 6, and 7) consists of clinical rotations assigned in intervals ranging from two weeks to two months. Clinical rotations include days, evenings, nights, weekends, and on-call—depending upon the rotation.

Clinical rotations are full time and involve all anesthesia subspecialties, including

- general surgery
- genitourinary surgery
- pediatrics
- vascular surgery
- obstetrics and gynecology
- cardiac surgery
- otolaryngology
- thoracic surgery
- orthopedics
- transplantation
- neurosurgery
- trauma
- ophthalmology

Due to the highly integrated curriculum, admitted students are required to complete the entire course of study. No advanced placement, transfer of credit, or credit for experiential learning will be granted. All students are discouraged from gaining employment at any time while in the program.

CERTIFIED ANESTHESIOLOGIST ASSISTANT PROFESSION FAQ

What is the typical job description for a Certified Anesthesiologist Assistant (CAA)?

A CAA is a highly skilled professional who practices as an extension of the licensed anesthesiologist (specialist physician) exclusively within the anesthesia care team environment. The tasks that CAAs perform promote patient safety and ensure optimal health outcomes. In addition to operating anesthesia equipment, monitoring patients, and providing quality anesthesia care, CAAs are also trained to assist in life-saving measures.

Did You Know?

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 CAA job descriptions.

Under the direction of a qualified anesthesiologist, CAA functions include, but are not limited to, the duties listed below.

- obtaining an appropriate and accurate preanesthetic health history
- performing an appropriate physical examination
- 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
 - ♦ other special techniques, such as local infiltration and nerve blocks
- performing the insertion of invasive monitoring modalities for
 - ♦ arterial lines
 - ♦ pulmonary artery catheterization
 - ♦ 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
 - ♦ maintenance and alteration of anesthesia levels
 - ♦ administration of adjunctive treatment
 - ♦ provision of 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, based on 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
 - ♦ management of personnel
- participating in the clinical instruction of others

What is the accrediting body for this program?

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, FL 33763

(727) 210-2350

(727) 210-2354 fax

caahep.org

What is the certification process for a CAA?

Graduates or senior students in an anesthesiologist assistant (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 every two years. In addition, every six years, they must pass the Examination for Continued Demonstration of Qualifications.

Where would a CAA practice?

The use of CAAs within the anesthesia care team across the country is a dynamic and evolving process.

TIP

For the latest and most accurate information about the range of practice opportunities, please contact your state board of medicine or the American Academy of Anesthesiologist Assistants.

CURRICULUM OUTLINE

CHART YOUR COURSE FOR SUCCESS!

Start Date:	May
Length:	27 Months
Degree:	Master of Science in Anesthesia
Total Credit Hours:	117
Minimum Clinical Hours:	2,000
Note:	MHS 5205 and ANET 6110 will be taken online

Summer—Semester I (May–August)

COURSE #	COURSE TITLE	CREDIT HOURS
ANET 5048	Medical Terminology	1
ANET 5081	Introduction to Clinical Anesthesia	2
ANET 5301	Anesthesia Laboratory I	3
ANET 5328	ECG for Anesthesiologist Assistant	2
ANET 5621	Principles of Airway Management I	2
ANAT 5420	Anatomy	5
PHST 5400	Physiology	3
TOTAL CREDIT HOURS		18

Fall—Semester II (September–December)

COURSE #	COURSE TITLE	CREDIT HOURS
ANET 5101	Student Lecture Series I	1
ANET 5302	Anesthesia Laboratory II	3
ANET 5462	Pharmacology for Anesthesia I	2
ANET 5601	Applied Physiology for Anesthesia Practice I	3
ANET 5801	Instrumentation and Monitoring	2
ANET 5622	Principles of Airway Management II	2
ANET 5901	Anesthesia Principles and Practices I	2
ANET 5104	Principles of Life Support*	3
MHS 5205	Writing for Medical Publications	3
TOTAL CREDIT HOURS		21

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

Winter—Semester III (January–May)

COURSE #	COURSE TITLE	CREDIT HOURS
ANET 5001	Clinical Anesthesia I	4
ANET 5102	Student Lecture Series II	1
ANET 5303	Anesthesia Laboratory III	3
ANET 5463	Pharmacology for Anesthesia II	2
ANET 5602	Applied Physiology for Anesthesia Practice II	3
ANET 5902	Anesthesia Principles and Practices II	2
TOTAL CREDIT HOURS		15

Minimum clinical experience is 150 hours.

Summer—Semester IV (May–August)

COURSE #	COURSE TITLE	CREDIT HOURS
ANET 5000	Professional Issues in Anesthesiologist Assistant Practice	2
ANET 5002	Clinical Anesthesia II	3
ANET 5304	Anesthesia Laboratory IV	3
ANET 5603	Applied Physiology for Anesthesia Practices III	2
ANET 5903	Anesthesia Principles and Practices III	2
ANET 5103	Student Lecture Series III	1
ANET 5107	Internship	5
ANET 5500	Principles and Practice of Ultrasound-Guided Regional Anesthesia and Vascular Access	3
TOTAL CREDIT HOURS		21

Minimum clinical experience is 144 hours.

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

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

Minimum clinical experience is 675 hours.

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

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

Minimum clinical experience is 675 hours.

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

COURSE #	COURSE TITLE	CREDIT HOURS
ANET 6003	Clinical Anesthesia V	12
TOTAL CREDIT HOURS		12

Minimum clinical experience is 356 hours.

Curriculum is subject to change by the department.

DISTANCE LEARNING

NSU's 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 our experienced faculty.

Students in the program are provided with NSU online accounts that include email. Students must obtain their own Internet service providers (ISP), use their own computer systems (PC or Apple Macintosh), and purchase a smartphone. 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 students.

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 minimum
- Microsoft Office 2000 or newer with PowerPoint, Word, and Excel minimum
- printer capability
- Android or iPhone smartphone (for use with electronic evaluations)



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
- 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

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

Did You Know?

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

ADMISSIONS REQUIREMENTS, *continued*

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. official Graduate Record Examination (GRE) or Medical College Admissions Test (MCAT) scores
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 Enrollment Processing Services (EPS).

STUDENT HOUSING

Numerous apartments, condominiums, and other rental facilities are located near campus. Information concerning housing may be obtained by contacting

Nova Southeastern University

Office of Student Affairs

Tampa Bay Regional Campus

3400 Gulf to Bay Boulevard

Clearwater, FL 33759-4514

APPLICATION PROCEDURES

STEPS SUMMARY

1. Apply to CASAA
2. Send supporting documents to CASAA
3. Complete an NSU supplemental application
4. Submit a nonrefundable application fee of \$50

DETAILS

The CASAA application must be submitted before January 15 of the year prior to the matriculation.

1. **Apply to CASAA.** 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. CASAA application packets may be obtained and submitted online at casaa.liaisoncas.com.

2. **Send supporting documents directly to CASAA.**

- a. All official college transcripts from all undergraduate, graduate, and professional institutions attended must be sent to CASAA directly from the institutions. Coursework taken at foreign institutions must be evaluated for U.S. institution equivalence by an approved National Association of Credential Evaluation Services (NACES) organization, such as one of the services listed.

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.

World Education Services, Inc.

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

Educational Credential Evaluators

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

Josef Silny & Associates, Inc.

International Education Consultants

7101 SW 102 Avenue
Miami, FL 33173
(305) 273-1616 • (305) 273-1338 fax
info@jsilny.org • jsilny.org

b. Send three evaluation forms from supervisors or colleagues, clinical or nonclinical.

c. Send GRE or MCAT score. The NSU GRE code number is **7154**.

- Official GRE or MCAT scores must be submitted directly to CASAA.
- Scores must be less than five years old.
- Scores must be received by the supplemental application deadline.

APPLICATION PROCEDURES, *continued*

- d. Send your résumé or curriculum vitae and copies of your national and professional certifications or licenses from a recognized certifying body (if applicable).
- e. Submit a summary of an article published in a current anesthesia journal.
- f. Supply evidence of eight hours of documented anesthesia exposure.

TIP

Be certain to take the GRE or MCAT early enough for official scores to be received by the CASAA deadline of January 15.

3. Complete an NSU supplemental application. Once the CASAA application has been received by Nova Southeastern University, an NSU supplemental application will be made available to applicants. Completed NSU applications without a completed CASAA application will not be considered.

4. Submit a nonrefundable application fee of \$50.

Did You Know?

The NSU supplemental application is available beginning April 15 until February 15 of the next year.

After NSU receives the supplemental application, the \$50 fee, and GRE or MCAT 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.

PROVISIONAL ACCEPTANCE

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 late fee.



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 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

Dr. Pallavi Patel College of Health Care Sciences

Anesthesiologist Assistant Admissions

3301 College Avenue, P.O. Box 29900

Fort Lauderdale, FL 33329-9905

Transcripts can be sent electronically from the originating college/university to electronictranscripts@nova.edu.

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, Title IX, and the Florida Civil Rights Act), 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, gender, gender identity, military service, 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. Any such acts are unacceptable and strictly prohibited by the university.

In addition, the law prohibits retaliation against an individual for opposing any practices forbidden under this policy, for bringing a complaint of discrimination or harassment, for assisting someone with such a complaint, for attempting to stop such discrimination or harassment, or for participating in any manner in any investigation or resolution of a complaint of discrimination or harassment. 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, gender, gender identity, military service, 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.



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 following organizations:

- American Academy of Anesthesiologist Assistants (AAAA)
- American Society of Anesthesiologists (ASA)
- Florida Society of Anesthesiologists (FSA)
- 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, GA 30318

(678) 222-4221
(404) 249-8831 fax
info@anesthetist.org
anesthetist.org

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

**National Commission for Certification
of Anesthesiologist Assistants**
100 Cynthia Street
Williamstown, KY 41097

(859) 903-0089
business.office@aa-nccaa.org
nccaa.org

- For accreditation information, contact

**Commission on Accreditation of Allied
Health Education Programs (CAAHEP)**
25400 U.S. Highway 19 North, Suite 158
Clearwater, FL 33763

(727) 210-2350
(727) 210-2354 fax

- For information about the anesthesia care team, contact

American Society of Anesthesiologists
520 N. Northwest Highway
Park Ridge, IL 60068-2573
asahq.org

and/or

Florida Society of Anesthesiologists
701 Brickell Avenue, Suite 1550
Miami, FL 33131

(786) 300-3183
(310) 437-0585 fax
executiveoffice@fsahq.org
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, FL 33328-2018

(954) 262-1101
800-356-0026, ext. 21101
nova.edu/healthsciences/anesthesia

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

TUITION AND FEES



Tuition for 2021–2022 will be posted on our website (nova.edu/healthsciences/anesthesia).

A Health Professions Division general access fee of \$145 is required each year. An NSU student services fee of \$1,500 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.

EXPENSES AND FINANCIAL AID

Students should anticipate spending approximately \$36,000 per year for living expenses. In addition, students should anticipate spending \$5,000 for books and equipment during the 27-month program. The student may incur additional housing and other living expenses during clinical rotations.

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, contact

Nova Southeastern University
Office of Student Financial Assistance
3301 College Avenue
Fort Lauderdale, FL 33314-7796

(954) 262-3380
800-806-3680

✓ TIP

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.



TAMPA BAY, FLORIDA



Welcome to Tampa Bay

Situated along Florida's Gulf Coast, this region boasts an enviable quality of life with year-round sunshine, a unique cultural heritage, and a diverse business climate. For individuals and companies alike, the Tampa Bay area offers accessibility, affordability, and opportunity.



Since 1999, Nova Southeastern University (NSU) has been offering world-class educational programs in the Tampa Bay Area. From nursing to education to health care sciences, NSU has been providing students with an edge, so when they graduate, they are not only ready to enter the workplace, they are prepared to be the leaders of tomorrow.

Now, thanks to the generosity of the Drs. Kiran C. and Pallavi Patel Family Foundation, those efforts are being taken to the next level.

In 2017, the foundation provided NSU with philanthropic gifts and financial commitments totaling approximately \$225 million. This included a \$150-million real estate and facility investment that resulted in the university's new Tampa Bay Regional Campus location in Clearwater, Florida. This more than 300,000-square-foot, state-of-the-art facility will continue to be the home of the university's existing educational programs, but will also include an additional site for the university's Dr. Kiran C. Patel College of Osteopathic Medicine.

One of the Largest Metropolitan Statistical Areas in the Southeastern U.S.



DIVERSE AND EXPANDING BUSINESS MIX



Financial
Services



Bioscience



Technology



International
Trade



Average
Temperature
73°
Fahrenheit

ATTRACTIONS INCLUDE



Tampa Museum of Art



Curtis Hixon
Downtown Waterfront Park



PRO SPORTS TEAMS



NFL
Tampa Bay
Buccaneers

MLB
Tampa Bay
Rays



NHL
Tampa Bay
Lightning

ACTIVITIES



MESSAGE FROM THE HPD CHANCELLOR



The past few years have been incredibly productive for the Nova Southeastern University (NSU) Health Professions Division (HPD), and more achievements are on the way.

At NSU, we are always looking toward the future. The HPD now offers more than 60 degree and certificate programs through its 8 colleges at the university's campuses in Fort Lauderdale/Davie, Fort Myers, Jacksonville, Miami, Miramar, Orlando, Palm Beach, Tampa Bay, and Puerto Rico.

In terms of our academic structure, we are always looking to enhance the educational experience for our students. This is accomplished by implementing the most cutting-edge technology, as well as through our various, and sometimes subtle, curricular revisions.

In August 2019, we celebrated a milestone in the university's history with the official opening of the 311,000-square-foot NSU Tampa Bay Regional Campus located in Clearwater, Florida. It is one of the most highly advanced instructive sites in the United States. The new campus, which offers the most progressive pedagogy and technology possible, also features distinctive design aspects to provide students with the optimal educational experience.

The Tampa Bay Regional Campus houses an additional site for NSU's Dr. Kiran C. Patel College of Osteopathic Medicine, which is the original school of the university's Health Professions Division. However, the Dr. Pallavi Patel College of Health Care Sciences and the Ron and Kathy Assaf College of Nursing are also represented there. These colleges stand alongside each other, not as separate programs or separate schools, but as collaborative and collegial health education entities.


In keeping with NSU's progressive trend, the Martin and Gail Press HPD Library at the Fort Lauderdale/Davie Campus was revamped, replacing written texts with a digital workspace. This allows students to immediately access a wealth of databases and has almost tripled the amount of information that was previously available to them.

Thanks to the commitment of so many dedicated and talented people, the HPD's future is brighter than ever.

A stylized, handwritten signature in blue ink, reading "Frederick R. Lippman".

Frederick R. Lippman, R.Ph., Ed.D.
HPD Chancellor, Special Projects

HEALTH PROFESSIONS DIVISION FAST FACTS



8,000+
STUDENTS

1 OF ONLY 3
UNIVERSITIES IN THE U.S.
WITH MEDICAL SCHOOLS
OFFERING BOTH
D.O. and M.D. DEGREES



8 COLLEGES

DR. KIRAN C. PATEL COLLEGE OF OSTEOPATHIC MEDICINE
COLLEGE OF PHARMACY
COLLEGE OF OPTOMETRY
DR. PALLAVI PATEL COLLEGE OF HEALTH CARE SCIENCES
COLLEGE OF MEDICAL SCIENCES
COLLEGE OF DENTAL MEDICINE
RON AND KATHY ASSAF COLLEGE OF NURSING
DR. KIRAN C. PATEL COLLEGE OF ALLOPATHIC MEDICINE

\$70-MILLION
HEADQUARTERS COMPLEX IN
FORT LAUDERDALE/DAVIE FLORIDA



**NEW
TAMPA BAY
REGIONAL
CAMPUS**

**SPECIAL
LEARNING
OPTIONS**

» Regional Campuses
» Online
» Dual Degrees

NSU's Health Professions Division (HPD), with a student body of more than 8,000, is home to eight colleges. Located on the Fort Lauderdale/Davie Campus, it occupies a \$70-million complex, covering 21 acres. HPD includes eight buildings totaling more than 900,000 square feet of space for classrooms, laboratories, offices, the Martin and Gail Press Health Professions Division Library, an outpatient health center, and a pharmaceutical care center. Several of the HPD programs are also located at our regional campuses, extending our programs and resources to various communities. They offer you the ability to complete a degree at a location that may be more convenient to your home.



NSU Tampa Bay Regional Campus



GET THE NSU EDGE.

NSU trains health practitioners in a multidisciplinary setting, with an emphasis on medically underserved areas. Because of this, our students go on to excel as highly qualified physicians and health care professionals who

- ✦ understand how the medical disciplines can and must work together
- ✦ share a vision to transform the future of health care and provide easier access to high-quality services for patients
- ✦ experience life-changing service working domestically and internationally with people in need
- ✦ graduate with exposure to varied cultures and the unique concerns that each present
- ✦ carry with them an unparalleled, real-world education that serves to enrich us all

With value-based education, accelerated tracks to graduation, access to a vast network of industry partners, and a chance to explore personal passions, near and far, our graduates will always have an edge.

“Global service is
a passion we love
and look forward
to every year.”

—Kelly Graham, NSU class of 2019



NSU'S HEALTH PROFESSIONS DIVISION

Dr. Kiran C. Patel 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.)
- 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.)
- Bachelor of Science in Human Nutrition (B.S.)
- Bachelor of Science in Public Health (B.S.)
- Bachelor of Science in Health and Wellness Coaching (B.S.)
- Graduate Certificate in Emergency Medicine
- Graduate Certificate in Functional Nutrition and Herbal Therapy
- Graduate Certificate in Health Education
- Graduate Certificate in Health Professions Preparation
- 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 Sciences (M.S.)
 - * Concentration in Drug Development (Pharmaceutics)
 - * Concentration in Molecular Medicine and Pharmacogenomics
 - * Concentration in Social and Administrative Pharmacy
- 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.)
- Bachelor of Science in Vision Science (B.S.)
- Graduate Certificate in Clinical Vision Research

Dr. Pallavi Patel College of Health Care Sciences

- 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 Occupational Therapy (M.O.T.)
- Master of Medical Science in Physician Assistant (M.M.S.)
- Master of Science in Speech-Language Pathology (M.S.)
- Master of Science in Sports Science (M.S.)
- Doctor of Audiology (Au.D.)
- Doctor of Health Science (D.H.Sc.)

DEGREE PROGRAMS

- 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.)
 - * Postprofessional Doctor of Physical Therapy: Transition (D.P.T.)
- Doctor of Philosophy in Physical Therapy (Ph.D.)
- Doctor of Speech-Language Pathology (SLP.D.)
- Certificate in Audiologist Assistant
- Graduate Certificate in Clinical Research Associate
- Graduate Certificate in Clinical Trial Manager

College of Dental Medicine

- Doctor of Dental Medicine (D.M.D.)
- Master of Science in Dentistry (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 and Dentofacial Orthopedics
- Postgraduate Certificate in Pediatric Dentistry
- Postgraduate Certificate in Periodontics
- Postgraduate Certificate in Prosthodontics
- Postgraduate Certificate in Special Needs Dentistry
- Craniofacial Research Fellowship Program

Ron and Kathy Assaf College of Nursing

- Bachelor of Science in Nursing (B.S.N.)
- Master of Science in Nursing (M.S.N.)
 - * Traditional Concentrations
 - Executive Nurse Leadership
 - Nursing Education
 - Nursing Informatics
 - * Nurse Practitioner Concentrations (Advanced Practice Registered Nurse)
 - Adult-Gerontology Acute Care Nurse Practitioner
 - Family Nurse Practitioner
 - Psychiatric-Mental Health Nurse Practitioner
- Postgraduate Certificates
 - * Adult-Gerontology Acute Care Nurse Practitioner
 - * Family Nurse Practitioner
 - * Psychiatric-Mental Health Nurse Practitioner
- Doctor of Nursing Practice (D.N.P.)
- Doctor of Philosophy in Nursing (Ph.D.)

Dr. Kiran C. Patel College of Allopathic Medicine

- Master of Biomedical Sciences (M.B.S.)
- Doctor of Medicine (M.D.)



HEALTH
PROFESSIONS
DIVISION

NOVA
SOUTHEASTERN
UNIVERSITY

NSU'S HEALTH PROFESSIONS DIVISION DEGREE PROGRAMS

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.)
- Master of Health Science (M.H.Sc.)/Doctor of Philosophy in Health Science (Ph.D.)
- Bachelor of Science in Public Health (B.S.)/Doctor of Osteopathic Medicine (D.O.)
- Doctor of Osteopathic Medicine (D.O.)/Doctor of Dental Medicine (D.M.D.)

Concurrent Degrees

- Doctor of Osteopathic Medicine (D.O.)/Master of Science in Medical Education (M.S.)
- 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.)
- 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.)
- 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.)
- Doctor of Dental Medicine (D.M.D.)/Master of Business Administration (M.B.A.)

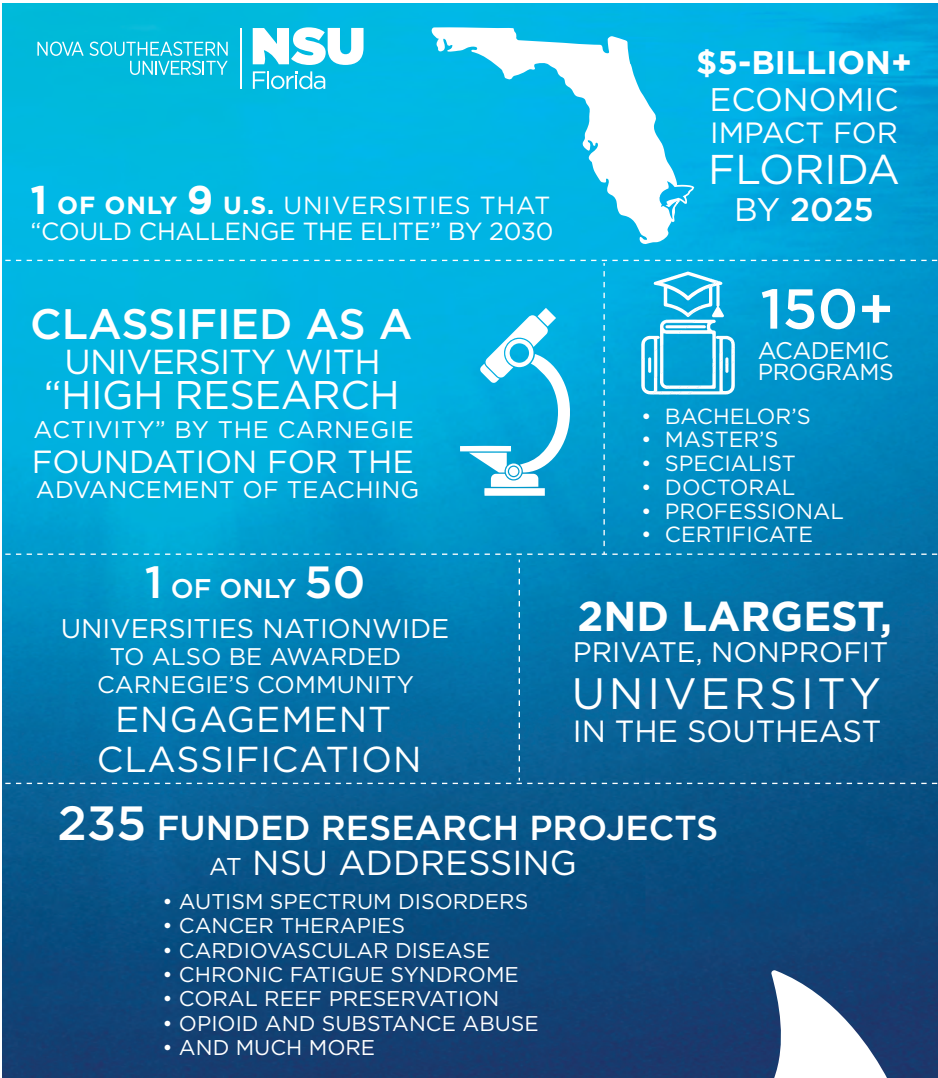


NOTEWORTHY RECOGNITIONS



- ***Forbes* magazine ranked NSU as one of America's Top Colleges in 2019.**
Forbes favors variables like low student debt, alumni salary, graduation rate, and student satisfaction. NSU ranked in the top 15 percent of 4,300 institutes of higher education.
- ***U.S. News & World Report* ranked NSU as one of the top performers in social mobility for 2020.**
- According to the National Center for Educational Statistics Integrated Postsecondary Education Data System (IPEDS), in terms of all national, four-year, private, nonprofit institutions, NSU ranks
 - ♦ **first in doctoral degrees awarded to all minorities**
 - ♦ **first in doctoral degrees awarded to Hispanic students**
 - ♦ **second in doctoral degrees awarded to black or African American students**
- ***U.S. News & World Report* listed several of NSU's programs among their top 100 graduate schools in the country.** Two programs from the Shepard Broad College of Law—health law and legal writing—ranked among the best for 2020, along with three NSU HPD programs—audiology, occupational therapy, and pharmacy.

RECOGNITIONS



Nova Southeastern University—synonymous with dynamic innovation and intellectual challenge—is the second-largest, private, nonprofit university in the Southeast. 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.

The university awards certificates and bachelor's, master's, educational specialist, and doctoral degrees, all in a wide range of fields, including the health professions, law, business, marine sciences, psychology, social sciences, computer and information sciences, and education. For more information, please visit nova.edu.

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/healthsciences/anesthesia).

NSU

Florida

Dr. Pallavi Patel College
of Health Care Sciences
**NOVA SOUTHEASTERN
UNIVERSITY**

ANESTHESIOLOGIST ASSISTANT PROGRAM TAMPA BAY

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

Tampa Bay Regional Campus
3400 Gulf to Bay Boulevard
Clearwater, FL
33759-4514



11-06119NLR