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NSU Course Catalogs and Course Descriptions

2021

College of Optometry 2021

Nova Southeastern University

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NSU's College of Optometry

OPTOMETRY

Health Professions Division | Students Entering 2021 Now Accepting Applications *nova.edu* 5



NSU optometry students provided eye care to nearly 400 individuals during an interdisciplinary medical outreach trip to Nicaragua.



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



The growing legacy of the NSU College of Optometry (NSUCO) continues to surpass expectations. From my many years of experience in higher education and this profession, I believe that optometric physicians have served, and will continue to serve, a vital role in today's health care system. From our first entering class in 1989 through our current curriculum, NSUCO has kept ahead of the pace in optometric training, ensuring that our graduates are leaders in the profession. Our mission is to prepare, educate, and train optometric physicians to practice at the highest level of proficiency, integrity, and professionalism and to provide a multidisciplinary environment that encourages scholarly activity, service, and lifelong learning.

NSUCO is rooted in the Health Professions Division, reflecting the interdisciplinary direction that current health care incorporates. Our modern facilities and equipment enhance learning, beginning with training in the basic medical and optometric sciences and continuing throughout clinical experiences. NSUCO embraces the newest teaching modalities. Students receive part of their clinical training with state-of-the-art equipment in The Eye Care Institute with its five clinical sites and diverse patient population. Our students are trained in all areas of optometry. Additionally, they have the opportunity to select from clinical sites all over the country and in China for external clinical training.

One of our major strengths is our faculty members, recognized as experts in all the optometric specialties and providing continuing education to practitioners all over the world. They have a passion for teaching and train our graduates to be superior optometric physicians.

Whether you choose a private practice in an urban or rural community or a corporate, research, or public health setting, the NSUCO Doctor of Optometry program will prepare you to provide quality eye care to all your patients. In addition, you can pursue an online Master of Science in Clinical Vision Research degree while in the professional program.

All these opportunities make NSUCO truly exceptional. If you have the interest, desire, and dedication to become an eye care professional, I encourage you to apply to our program and become part of the NSUCO family.

Lole.

David S. Loshin, O.D., Ph.D. Dean, College of Optometry

VISION

Through excellence and innovations in teaching, research, service, and learning, Nova Southeastern University's College of Optometry strives to be recognized by accrediting agencies, the academic and optometric communities, and the general public as a premier college of optometry of quality and distinction that engages all students and produces alumni who serve with integrity in their lives, professional organizations, and optometric careers.

PURPOSE

To prepare, educate, and train optometric physicians to practice at the highest level of proficiency, integrity, and professionalism, and to provide a multidisciplinary environment that encourages and supports scholarship, community service, and lifelong learning.

- **Goal 1**—Students will graduate from the program with the necessary skills and knowledge to practice optometry.
- Goal 2—Students and faculty members will participate in scholarly activities.
- **Goal 3**—Nova Southeastern University College of Optometry will assist optometrists in their ongoing pursuit to improve their skills and knowledge base.
- **Goal 4**—Nova Southeastern University College of Optometry will contribute, through education and service, to the greater communities in which our faculty members, students, and graduates participate.



DEGREES

- Doctor of Optometry
- Master of Science in Clinical Vision Research

What makes NSU's College of Optometry so special?

Nova Southeastern University College of Optometry is the only optometric academic institution in the state of Florida. Students can enjoy South Florida's renowned weather, beaches, and other attractions and participate in the college's numerous student organizations while receiving strong didactic and clinical training that will thoroughly prepare them for their professional careers.

INTERPROFESSIONAL LEARNING ENVIRONMENT

- safe, green campus in beautiful greater Fort Lauderdale, Florida
- brand new clinical optometric procedures laboratory with simulation lab
- multidisciplinary learning environment fostering respect and cooperation among the health professions
 - combined courses with other health care disciplines students
 - integrated and multidisciplinary clinical facilities
- one of Florida's largest library/resource centers with multimedia and electronic facilities, a performing arts theater, and more
- culturally and geographically diverse student populations
- annual international mission trips providing rewarding clinical experiences



FACULTY/CURRICULUM

- iPads and advanced technology used in the classroom and laboratories
- knowledgeable faculty with experts in every optometric specialty
- clinical student/faculty members ratio of less than four to one
- externship program options include six-month, off-campus rotations at more than 48 sites
- unique programs including
 - Extended (five-year) Program
 - POP (Preparatory Optometry Program)

RESEARCH AND POSTGRADUATE STUDIES

- numerous applied clinical research opportunities
- concurrent and postgraduate learning opportunities, including
 - M.S. in Clinical Vision Research
 - M.P.H. or M.B.A.
 - unique optometric residencies
- online Master of Science in Clinical Vision Research degree available (visit
 - optometry.nova.edu/cvr for more information)
- additional master's degree-level programs available with flexible schedules in online and traditional formats
- optometric residencies in specialties such as
 - ocular disease
 - pediatrics and binocular vision
 - cornea and contact lenses
 - geriatrics and low vision rehabilitation

THE EYE CARE INSTITUTE

- five clinic locations, including Kids In Distress and the Lighthouse of Broward
- clinical experiences in all optometric specialties including
 - contact lenses
 - pediatrics/binocular vision
 - vision rehabilitation
 - glaucoma
 - diabetes and macula disease
 - electrodiagnostics
- state-of-the-art clinical facilities
 - that see more than 35,000 patient visits per year
 - where most sites are affiliated with medical services
 - that boast fully integrated electronic medical records for all clinics

TRADITIONAL PROGRAM

The Doctor of Optometry is a postgraduate degree awarded after successful completion of four years of professional study.

Did You Know?

While more than 90 percent of entering students enter the program with a Bachelor of Science degree, a few exceptional candidates may be offered the opportunity to enter with a minimum of 90 semester hours. A B.S. in Vision Science will be conferred upon completion of required coursework at the end of the second year.

There are three parts to the program.

Didactic Period (first two years)

- The first two years of the professional program consist of basic medical sciences, including microbiology, anatomy, physiology, pharmacology, optics, and the vision sciences.
- In preparation for the direct patient care in our primary care clinics, which begins during the second-year summer term, students start the study of optometric theory and methods; general pathology; and diagnosis, treatment, and pharmacological management of diseases and disorders of the visual system.

Hybrid Period (third academic year)

- Students provide supervised direct patient care in our Eye Care Institute clinics.
- Studies include clinical medicine; contact lenses; and pediatric, geriatric, and rehabilitative optometry.
- Students develop a deeper understanding and ability to diagnose, treat, and manage increasingly complex ocular and systemic conditions.

Clinical Year (fourth academic year)

- Program is entirely clinical with intensive training in the affiliated college sites within The Eye Care Institute and external primary, specialty, and medical/surgical care facilities.
- Students are trained by completion of the fourth academic year to be optometric physicians capable of providing quality eye care to a wide range of patients.



EXTENDED (FIVE-YEAR) DOCTOR OF OPTOMETRY DEGREE

NSU's College of Optometry has established an extended program leading to the Doctor of Optometry (O.D.) degree. Students in the extended program take courses with the traditional program students, but with a reduced course load.

The extended program is designed for individuals who are returning to school after an absence; are changing professional fields; or who require a lighter course load initially because of family, personal health, or other obligations.

Didactic Period (first three years)

Coursework covered in the first two years of the traditional program is covered over three years in the extended program.

Hybrid Period/Clinical Year (fourth and fifth academic years)

• The last two years of both programs are identical and taken concurrently.

The curriculum and graduation requirements for the extended and full-time programs are the same. Enrollment for the extended program is limited. The dean of the College of Optometry will make the final determination on eligibility for the extended program.

ACCREDITATIONS

The College of Optometry is accredited by the Accreditation Council on Optometric Education of the American Optometric Association (243 North Lindbergh Boulevard, St. Louis, Missouri; telephone number: 800-365-2219) and is a member of the Association of Schools and Colleges of Optometry.

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 VI, Title VI, Title II, 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.

First Year-Fall Term

COURSE #	COURSE TITLE
OPTC 1134	Gross Anatomy/Anatomy of the Head and Neck
OPT 1323	Microbiology
OPT 1443	Theoretical Optics I
OPTL 1443	Theoretical Optics I Laboratory
OPT 1724	Optometric Theory and Methods I
OPTL 1724	Optometric Theory and Methods I Laboratory
OPT 1831	Contemporary Issues in Optometry
OPT 2422	Ocular Anatomy

First Year-Winter Term

COURSE #	COURSE TITLE
OPTC 2023	General Neuroanatomy
OPTC 2144	General Physiology
OPT 2223	Theoretical Optics II
OPTL 2223	Theoretical Optics II Lab
OPT 2323	Visual Optics
OPT 2522	Visual Neurophysiology
OPT 2622	Ocular Motility
OPT 2724	Optometric Theory and Methods II
OPT 3122	Ocular Physiology

First Year-Summer Term

COURSE #	COURSE TITLE
OPT 1511	Psychophysical Methodology
OPT 3021	Optometric SIM Laboratory
OPT 3344A	Monocular Sensory Processes I
OPT 4811	Epidemiology

Second Year-Fall Term

COURSE #	COURSE TITLE
OPTC 3033	General Pathology
OPTC 3244	General Pharmacology I
OPT 3344B	Monocular Sensory Processes II
OPT 3434	Ophthalmic Optics I
OPTL 3434	Ophthalmic Optics I Laboratory
OPT 3534	Ocular Disease of the Anterior Segment: Diagnosis and Pharmacological Management
OPT 3624	Optometric Theory and Methods III
OPTL 3624	Optometric Theory and Methods III Laboratory
OPT 4322	Introduction to Binocular Vision

Second Year-Winter Term

COURSE #	COURSE TITLE	
OPTC 4022	General Pharmacology II	
OPT 4122	Ocular Pharmacology	
OPT 4234	Ophthalmic Optics II	
OPTL 4234	Ophthalmic Optics II Laboratory	
OPT 4433	Abnormal Binocular Vision I	
OPTL 4433	Abnormal Binocular Vision I Laboratory	
OPT 4524	Optometric Theory and Methods IV	
OPTL 4524	Optometric Theory and Methods IV Laboratory	
OPT 4634	Glaucoma and Vitreo-Retinal Disease: Diagnosis and Pharmacological Management	
OPT 4951B	Community Outreach	

Second Year-Summer Term

COURSE TITLE
Health Systems, Economics, Policy, and Ethics
Nutrition in Eye Care
Clinical Medicine: Diagnostic and Pharmacologic Management of Systemic Disease
Clinical Gerontology
Physical Diagnosis Laboratory
Primary Care Clinic I
Clinic Conference
Optical Services Rotation I
Seminar in Laser and Surgical Ophthalmic Care
Advanced Care Clinic

Third Year-Fall Term

COURSE #	COURSE TITLE		
OPT 5022	Anomalies of Binocular Vision II		
OPTL 5022	Anomalies of Binocular Vision II Laboratory		
OPT 5122	Contact Lens I		
OPTL 5122	Contact Lens I Laboratory		
OPT 6233	Neuro-Eye Disease: Diagnostic, Medical, and Advanced Care Clinic		
OPT 6322	Rehabilitative Optometry: Low Vision		
OPTL 6322	Rehabilitative Optometry: Laboratory		
OPT 7122	Primary Care Clinic II		
OPT 7161	Optical Services Rotation II		
OPT 7999A	Board Preparation		
OPT 9991	Sports and Performance Vision in Primary and Tertiary Optometric Practice (elective)		
OPT 9997	Advanced Care Clinic		

Third Year-Winter Term

COURSE #	COURSE TITLE		
OPT 5233	Ocular and Systemic Eye Disease: Diagnosis and Pharmacological Management		
OPT 6122	Contact Lens II		
OPTL 6122	Contact Lens II Laboratory		
OPT 6633	Pediatric Optometry and Learning-Related Vision Problems		
OPTL 6633	Pediatric Optometry and Learning-Related Vision Problems Laboratory		
OPT 7132	Primary Care Clinic III		
OPT 7171	Optical Services Rotation III		
OPT 9997	Advanced Care Clinic		
OPT 9998	Board Review		

Third Year-Summer Term

COURSE #	COURSE TITLE
OPT 7146	Primary Care Clinical Externship
OPT 7214	Cornea and Contact Lens Externship
OPT 7224	Pediatric and Binocular Vision Externship
OPT 7233	Vision Rehabilitation and Geriatric Externship
OPT 7308	Medical and Surgical Care Clinical Externship
OPT 7408	Clinical Elective Externship
OPT 7501	Current Topics in Practice Management

Fourth Year-Fall and Winter Term

COURSE #	COURSE TITLE
OPT 7214	Cornea and Contact Lens Externship
OPT 7224	Pediatric and Binocular Vision Externship
OPT 7233	Vision Rehabilitation and Geriatric Externship
OPT 7308	Medical and Surgical Care Clinical Externship
OPT 7408	Clinical Elective Externship
OPT 6522	Practice Management

EXTENDED PROGRAMS

Please contact the Office of Admissions if you are interested in more information on this program.

Timing of clinical externships will vary based upon student selections and clinic schedules. This curriculum represents the courses at the time of the printing of this brochure and is subject to change.

TRANSFER STUDENTS

Circumstances may warrant that a student enrolled in one optometric college seeks to transfer to another institution. Any individual wishing to transfer to NSU College of Optometry must meet the following criteria.

The applicant must

- make a formal application to the NSU College of Optometry Office of Admissions by April 1
- meet all admissions requirements for the college, which include submitting
 - official transcripts of all college courses taken
 - NBEO scores (if taken)
 - letters of evaluation
- be in good standing at the transferring institution as documented by a letter from the dean of the transferring institution
- supply a written statement outlining reasons for request for transfer
- complete a personal interview

Upon approval of a transfer request, the student will be notified in writing of his or her standing at NSU and the requirements that he or she must complete. Before being permitted to enter clinical rotations at NSU, the transferring student will have to complete and pass the clinical proficiency examination administered by the college.

Decisions on transfer applications are made by the dean's office. The decisions will be based on factors that include, but are not limited to, academic record, circumstances leading to the transfer request, available space, and admissions standards. The College of Optometry's Transfer Credit Committee will evaluate such credit and grant that which is appropriate.

Send application and documentation to

Nova Southeastern University

Enrollment Processing Services College of Optometry Admissions 3301 College Avenue, P.O. Box 299000 Fort Lauderdale, FL 33329-9905





INTERNATIONAL COURSEWORK

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 below.

World Education Services, Inc.

Bowling Green Station P.O. Box 5087 New York, NY 10274-5087

(212) 966-6311 • wes.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

Educational Credential Evaluators, Inc. P.O. Box 514070 Milwaukee, WI 53203-3470

(414) 289-3400 • ece.org

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

DUAL ADMISSION PROGRAM

A dual admission program is open to eligible high school students only. For information and requirements, contact

Nova Southeastern University Undergraduate Admissions Office 3301 College Avenue Fort Lauderdale, FL 33314-7796 (954) 262-8000

OPTOMETRY STUDENT GOVERNMENT ASSOCIATION (OSGA)

Highlights

- official voice for all optometry students
- open to all students
- welcomes proposals and participation from the entire student body
- has four voting representatives selected from each class (OSGA president, vice president, secretary, and treasurer are nominated from this pool of representatives.)

Responsibilities

- collecting and expressing student opinion
- dispensing funds for student activities
- acting as liaison for entire student body
- promoting optometry
- supporting club and class activities
- · working to improve the quality of life for all NSU optometry students

AMERICAN OPTOMETRIC STUDENT ASSOCIATION (AOSA)

Highlights

- is the international, professional student organization for optometric students
- consists of more than 5,000 optometry students from 23 schools and colleges of optometry in the U.S. and Puerto Rico
- sponsors annual conferences that enable students to meet and gain knowledge through lectures, presentations, and exhibits

BETA SIGMA KAPPA (BSK)

Highlights

- international optometric honor fraternity
- chapters at the 23 accredited schools and colleges of optometry in the U.S., Puerto Rico, and Canada
- members work jointly to promote academic and scientific excellence and high moral standards in optometry
- members promote The BSK Creed to "stand for an active, sympathetic interest in public welfare, particularly for the conservation of vision, the prevention of blindness, and for using their influence to further the best standards of professional education and practice"
- activities include tutoring, guest lecturers, vision screenings, fund-raising events, and banquets

CANADIAN ASSOCIATION OF OPTOMETRY STUDENTS (CAOS)

Highlights

- support group for all Canadian optometry students studying at NSU
- provides students with information and awareness regarding the profession and issues such as obtaining immigration papers, a U.S. driver's license, and provincial financial aid
- discusses current issues, challenges, and changes to the profession at meetings and through email
- sometimes arranges guest speakers from Canada

COLLEGE OF OPTOMETRISTS IN VISION DEVELOPMENT (COVD)

Highlights

- is a full-scope optometric care organization dedicated to the enhancement of vision
- brings together optometric students who have demonstrated professional interest and proficiency in helping people develop and enhance scholastic achievement, vocational competence, social interaction, and emotional well-being

CONTACT LENS AND CORNEA SOCIETY

Highlights

- disseminates information to students, faculty members, and the community about contact lenses, contact lens care, and corneal conditions related to contact lenses
- strives to provide information about newest contact lenses and contact lens care systems, as well as latest contact lens-relevant corneal studies
- works to engage students in participating in contact lens-related studies and research

FELLOWSHIP OF CHRISTIAN OPTOMETRISTS (FCO) INTERNATIONAL

Highlights

- helps optometrists become established in the type of mission work that combines eye care and the furtherance of the gospel of Jesus Christ, both in the workplace and on mission fields around the world
- desires to promote and maintain fellowship among optometrists, while creating an environment for spiritual growth
- aims to establish, maintain, and operate educational training programs and clinics in optometry and allied ophthalmic fields for students and those who are members of, or affiliated with, FCO International

FLORIDA OPTOMETRIC STUDENTS ASSOCIATION (FOSA)

Highlights

- serves as the student branch of the Florida Optometric Association (FOA)
- exposes optometry students to networking and career opportunities
- shares a mission with FOA to
 - advance and promote the quality, availability, and accessibility of primary eye care and related health care fields to Florida's citizens
 - represent the profession of optometry
 - enhance and promote the independent and ethical decision making of our members
 - assist and enable optometric physicians to practice their profession to ensure the highest standards of patient care

GOLD KEY INTERNATIONAL OPTOMETRIC HONOR SOCIETY

Highlights

- recognized by the AOSA as the highest honor for leadership that can be achieved for an optometry student
- membership through appointment only
- acknowledges the few select members that are chosen each year (less than 10 percent of the optometry class) for professional and ethical attitudes through leadership and service to the class, college, and profession
- currently has chapters at 14 colleges of optometry

HONORS PROGRAM

Highlights

- program designed to encourage students to reach beyond the traditional curricular boundaries
- Faculty Honors Committee extends invitations to participate in the program to students based upon academic achievement and professionalism
- service, scholarship, and research experiences are all part of the honors program's curriculum

NATIONAL OPTOMETRIC STUDENT ASSOCIATION (NOSA)

Highlights

- dedicated to increasing minority participation in optometry
- provides service to schools and churches in minority communities through vision screenings and presentations

NOVA OPTOMETRIC PRACTICE MANAGEMENT ASSOCIATION (NOPMA)

Highlights

• primary mission is to expose optometry students to real-world optometry, business practice planning, and career opportunities

 provides tools so members can make the best of their optometric careers, including, but not limited to, business plans, curricula vitae and résumés, start-up consulting, contract and partnership advice, insurance and billing information, optical business resources, and accounting and financial resources such as loan management and investment advice

OPTOMETRIC STUDENT ASSOCIATION FOR OCULAR DISEASE (OSAOD)

Highlights

- designed to further interest and education in the field of optometry with specific focus and concentration in ocular disease
- features speakers with extensive clinical knowledge in the area of ocular disease

SPECTRUM, AN LGBT AND ALLIES CLUB

Highlights

- focuses on outreach to the LGBT community regarding importance of ocular health and routine eye exams
- features guest speakers who provide information on interactions between optometry and the LGBT community
- promotes an inclusive educational environment

SPORTS VISION AND CONCUSSION CLUB (SVCC)

Highlights

- increases student awareness of this growing, and severely underserved, area of optometry
- gives students tools and insight to incorporate sports vision and concussion management into their future practices

VISION REHABILITATION CLUB (VRC)

Highlights

- focuses on low vision practices in the optometric profession
- provides information and awareness regarding low vision practices and devices
- features low vision specialist speakers
- helps students determine if they wish to specialize in, or incorporate, low vision services into their future practices

VOLUNTEER OPTOMETRIC SERVICES TO HUMANITY (VOSH)

Highlights

- provides primary eye care to individuals who do not have access, either for geographical or financial reasons
- targets the Caribbean, Central America, and South America, where there is an immense unmet need for eye care through mission trips
- provides an excellent opportunity to be involved with the community and have a great impact on people's daily lives

ADMISSIONS REQUIREMENTS

The College of Optometry selects students based on the candidate's

- application content
- preprofessional academic performance
- scores from the Optometry Admissions Test (OAT)
- letters of evaluation
- personal interview

Prior to matriculation, applicants must have completed a minimum of 90 semester hours (30 of which must be taken at a four-year institution) of specified coursework at a regionally accredited college or university. Only exceptional candidates for admission will be considered without a Bachelor of Science degree.

Applicants should have a minimum 2.8 GPA on a 4.0 scale. The college requires students to earn a grade of 2.0 or better in each of the following required courses. For subsequent entering classes, please contact the Office of Admissions for any changes.

REQUIRED COURSES

	Semester Hours	Quarter Hours
Mathematics		
• Calculus	3	4
Science		
 Physics, including laboratory 	8	12
 Biology, including laboratory 	8	12
Chemistry, including laboratory	8	12
• Organic chemistry, including laboratory	4	6
Microbiology	3	4
• Biochemistry	3	4
 Anatomy and physiology* 	3	4
• Social/behavioral science or humanities	15	22
• English (composition, literature, etc.)	6	9

* If the combined course is not taken, separate courses in anatomy and physiology must be taken.

APPLICATION PROCEDURES

APPLICATION PROCESS

The college participates in the Optometry Centralized Application Service (OptomCAS) for the receipt and processing of all applications. OptomCAS takes no part in the selection of students.

The Office of Admissions works on a rolling admissions basis. Entering students are admitted to the program for the fall term only.

The application for admission must be submitted electronically through an interactive, web-based application, which can be accessed at *optomcas.org*.

Each applicant must submit

- a verified application from OptomCAS (accepted between July 1 and April 1 only), which includes
 - completed OptomCAS application
 - OAT scores (no more than two years old)
 - three letters of recommendation submitted according to the OptomCAS procedures from
 - a science professor
 - another professor
 - an optometrist

(Any additional letters of recommendation can be emailed directly to Nova Southeastern University at *optadmit@nova.edu.*)

- a completed supplemental application, accessed via an emailed link sent to the applicant upon notification from OptomCAS, **by April 1**
- A nonrefundable fee of \$50

✓ TIP

Applications received early in the application cycle will be given priority consideration, so it is in the best interest of prospective students to complete their applications early.





OPTOMETRY ADMISSIONS TEST

Required of all applicants, this online examination evaluates the applicant's knowledge of biology, general and organic chemistry, reading comprehension, quantitative reasoning, and physics. This exam can be taken any time by making an appointment with a Prometric Testing Center.

Applicants must wait 90 days before repeating the test.

Test information is available at

Optometry Admissions Test 211 East Chicago Avenue Chicago, IL 60611 Telephone: 800-232-2678 Website: *ada.org/oat*

INTERVIEW PROCESS

A personal interview is part of the application process; however, being interviewed is not a guarantee of admission. Upon completion of the applicant's file, a review will be made to determine if the candidate will be granted an interview. Not all applicants will be granted an interview, and only those applicants whose files are complete will be considered. The HPD Office of Admissions will notify selected applicants of the dates and times available for interviews.

NOTICE OF ACCEPTANCE

Notice of acceptance will be on a rolling, or periodic, schedule.

Early completion of the application process is in the best interest of the student. After acceptance, official, final transcripts from the registrars of all colleges and universities attended may be requested to be submitted to Nova Southeastern University.

REAPPLICANTS

If you are reapplying to Nova Southeastern University College of Optometry, please take time to answer these additional questions. In order to fully consider your application, it will be necessary for you to submit the answers to these questions with your secondary application.

- Why are you interested in reapplying to NSU's College of Optometry?
- What have you been doing since your last application to the college?
- What changes in your application make you a more competitive candidate?

STUDENT LIFE

Student life has many possibilities in an area such as South Florida. **Fabulous weather, yearround outdoor recreation,** and **world-famous entertainment meccas** are but miles away. Additionally, excellent local shopping, schools, and other services are abundant.

NSU boasts a **diverse student population**, representing nearly every state in the U.S. and many foreign countries as well as a **wide variety of educational backgrounds**. Moreover, our students **learn in an interprofessional environment**, fostering a lifelong respect for other medical disciplines while opening lines of communication. Other features of student life include an **on-site student health center, wellness center**, and an on-campus **recreation complex**.

HOUSING

Numerous apartments, condominiums, and other rental options are located near campus. Limited on-campus housing may also be available. More information concerning housing may be obtained by contacting

Nova Southeastern University

Office of Residential Life and Housing 3301 College Avenue Fort Lauderdale, FL 33314-7796 Telephone: (954) 262-7052 Website: *nova.edu/housing/residents*



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.

An offer of admissions will not be final until the completion of the background check results are deemed favorable by NSU's Health Professions Division.

TUITION AND FEES



Tuition for 2021–2022 will be posted on our website (*optometry.nova.edu/od /admissions/expenses.html*). 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. All tuition and fees are subject to change by the board of trustees without notice.

Eligible students must request in-state tuition at the time of application. For tuition purposes, students' Florida residency status (in-state or out of state) will be determined at initial matriculation and will remain the same throughout the entire enrollment of the student at NSU. Accordingly, tuition will not be adjusted as a result of any change in residency status after initial enrollment registration.

Acceptance Fee—\$500. This fee is required to reserve the accepted applicant's place in the entering first-year class. This advance payment will be deducted from the tuition payment due on registration day, but is nonrefundable in the event of a withdrawal. It is payable within two weeks of an applicant's acceptance.

Deposit—\$500. This is due April 1, under the same terms as the acceptance fee.

College Laboratory/Equipment Fee of \$50 will be assessed per academic year.

Registration Fee of \$30 will be assessed per term.

The first term's tuition and fees, less the \$1,000 previously paid, are due on or before the initial registration period. Tuition for each subsequent term is due at the time of registration.

Students may be issued a personal identification number (NSU ID) once they have applied. It is imperative that you retain and protect your NSU ID, as it is used for access to your personal student information.

EXPENSES AND FINANCIAL AID

Students should anticipate spending approximately \$1,500 for books and supplies and approximately \$36,000 for living expenses the first year. Students should also plan on spending about \$6,700 in optometric equipment costs during the first two years of the program. Students who do not own an iPad with retina display will be required to purchase one.

It is required that each student carry adequate personal medical insurance. Students may avail themselves of the insurance plan obtainable through the university.

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 their professional education. This should include tuition, living expenses, books, equipment, and miscellaneous expenses.

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

The Office of Student Financial Assistance at Nova Southeastern University is there 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 on our website (*nova.edu/financialaid*).

For information, contact

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

(954) 262-3380

For general information about financial aid, call 800-806-3680.

Did You Know?

Opportunity for a limited number of part-time work assignments is available. However, the demands of a program of professional study limit the number of hours a student can work.

Did You Know?

Scholarships are available in varying amounts and quantities each year to highly qualified, incoming students. These awards typically include

- \bullet Chancellor's Scholarships (four $\frac{1}{2}$ -tuition scholarships for outstanding Floridians with financial need)
- Scholastic Achievement Scholarships (\$2,500/year-\$10,000/year scholarships for outstanding academic achievements)
- Dean's Scholarships (\$4,000-\$8,000 scholarships for outstanding and well-rounded incoming students)
- NSUCO Alumni Chapter Scholarship (one \$1,000 scholarship for an incoming student with outstanding leadership and community service)



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.

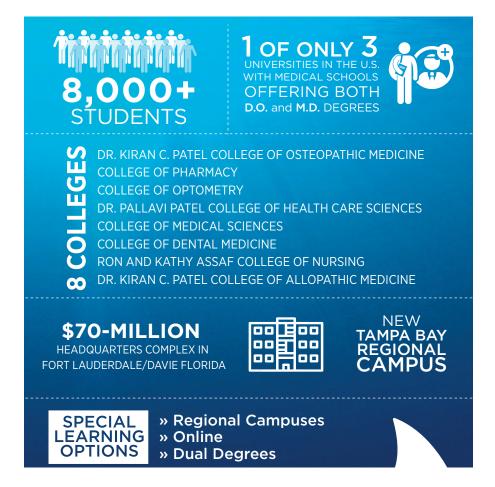
In keeping with NSU's progressive trend, the Martin and Gail Press HPD Library at the Fort Lauderdale/Davie Campus was revamped, replacing written texts with a digital workspace. This allows students to immediately access a wealth of databases and has almost tripled the amount of information that was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

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

Talent Mormon

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

HEALTH PROFESSIONS DIVISION FAST FACTS



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.



HEALTH PROFESSION DIVISION COMPLEX AND CENTER FOR COLLABORATIVE RESEARCH (see next page for location on campus)



1 TERRY ADMINISTRATION BUILDING

First Floor

- Admissions
- Student Financial Aid
- One-Stop Shop
- HPD Cafeteria

Second Floor

- Dr. Pallavi Patel 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

- Dr. Kiran C. Patel College of Osteopathic Medicine
- College of Optometry

Fifth Floor

- HPD Administration
- Dr. Kiran C. Patel College of Allopathic Medicine
- Public Health Program
- Ron and Kathy Assaf 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

- ACORN SEED
- Medication Therapy Management

- "Harvey" Cardiac Patient
 Simulation Room
- Martin and Gail Press Health Professions Division 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

- Audiology
- Family Medicine
- Geriatric Medicine
- Internal Medicine
- Pediatrics
- Pediatric Physical Therapy
- Student Medical Center
- ------

Second Floor

- Optometry Clinics
- Optometry Dispensary

Third Floor

- Business Offices
- Employee Wellness Center
- OB-GYN
- Osteopathic Medicine
 Treatment Center

6 DENTAL MEDICINE BUILDING

First Floor

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

Second Floor

- Faculty Practice
- Simulation Lab



- Postgraduate Endodontics
- Postgraduate Orthodontics
- Postgraduate Periodontics
- Postgraduate Prosthodontics

Third Floor

- Postgraduate Operative Dentistry Clinic
- Research Laboratories

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

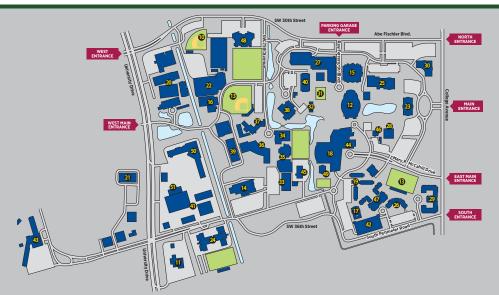
7 PARKING GARAGE

8 HPD ASSEMBLY BUILDING

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

9 CENTER FOR COLLABORATIVE RESEARCH

NSU FORT LAUDERDALE/DAVIE CAMPUS



A.D. Griffin Sports Complex with Lighted Softball Fields	10
Administrative Services Building	
Alvin Sherman Library, Research, and Information Technology Center	12
Athletics Fields	13
Campus Support Building	14
Carl DeSantis Building	15
Center for Collaborative Research	16
Cultural Living Center	17
Don Taft University Center	18
Farquhar, Founders, and Vettel Apartments	19
Health Professions Division Complex	20
HPD Annex	21
HPD and Health Care Center Parking Garage	22
Horvitz Administration Building	23
Jim & Jan Moran Family Center Village	24
Leo Goodwin Sr. Building	25
Leo Goodwin Sr. Hall	26
Library and Student Main Parking Garage	27
Mailman-Hollywood Building	28
Mako Hall	29
Maltz Building	
Medicinal and Healing Garden	31

NCLI Da alustana 70
NSU Bookstore
NSU University School Aquatics Center 33
NSU University School—
AutoNation Center for the Arts
NSU University School—
Nöel P. Brown Sports Center 35
NSU University School–Lower School
NSU University School—Middle School
(Dauer Building)
NSU University School—Upper School
(Sonken Building) 38
NSU University School—West Parking Garage 39
Parker Building
Plantation General Hospital Complex (future site)41
Residence Hall Parking Garage 42
Rolling Hills Apartments 43
Rosenthal Student Center
Shark Athletics Building 45
Student Affairs Building 46
The Commons Hall
The Doctors Hospital Miami Dolphins
Training Facility
University Center Rec Plex Pool
University Park Plaza
Westside Regional Medical Center ER51



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

- earrow 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.)

DEGREE PROGRAMS

- 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.)
 - * 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.)

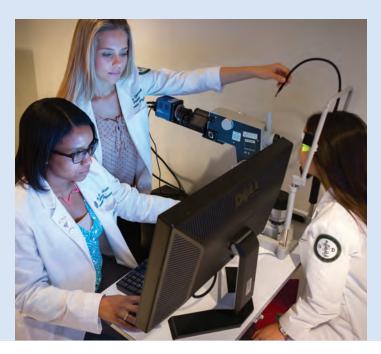


Dual Degrees

- 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.)
- 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 (optometry.nova.edu).



NOVA SOUTHEASTERN

OPTOMETRY PROGRAM

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

3200 South University Drive Fort Lauderdale, FL 33328-2018

nova.edu