1998

College of Optometry-For the 1998 Entering Class

Nova Southeastern University

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Nova Southeastern University, synonymous with dynamic innovation and intellectual challenge, is the largest private university in the state of Florida, and, with an enrollment of approximately 15,000, among the 20 largest in the United States. Situated on a beautiful 232-acre campus in Ft. Lauderdale, Florida, the University is experiencing a sustained period of fiscal strength, academic excitement and a commitment to the requirements of the 21st century.

In this environment of expansion and stability, the University is capitalizing on its strengths in such areas as service to the students, creative and relevant programming, and flexible educational delivery systems.

Founded in 1964 as Nova University, the institution merged with Southeastern University of the Health Sciences in 1994, creating Nova Southeastern University. To date, the institution has graduated over 50,000 alumni. Fully accredited by the Commission on Colleges of the Southern Association of Colleges and Schools, the University awards bachelor's, master's, educational specialist, and doctoral degrees in a wide range of fields including, in addition to the health professions, law, business, marine sciences, psychology, social sciences, computer and information sciences, and education.

The University's programs are administered through ten academic centers that offer courses at the main campus, as well as at field-based locations throughout Florida, across the nation, and at selected international sites in Europe, Canada, and the Caribbean.

With a budget of approximately $196 million a year and an upward trend in enrollment, the University will continue to maintain a solid record of academic and fiscal strength while actively pursuing excellence in teaching, research, and community service.
Mission Statement

Nova Southeastern University is a dynamic, not-for-profit, independent institution dedicated to providing high quality educational programs of distinction from pre-school through the professional and doctoral levels, as well as service to the community. Nova Southeastern University prepares students for lifelong learning and leadership roles in business and the professions. It offers academic programs at times convenient to students, employing innovative delivery systems and rich learning resources on campus and at distant sites. The University fosters inquiry, research, and creative professional activity, by uniting faculty and students in acquiring and applying knowledge in clinical, community, and professional settings.
As a student in the Health Professions Division of Nova Southeastern University, you can anticipate a remarkable experience. You will train, study, interact, and share facilities, faculty, and resources with other health professions students. This interdisciplinary approach distinguishes the Health Professions Division as unique, and will better prepare you to master your discipline with a sensitivity and understanding of the entire health care system. We think this is an opportunity unmatched in health professions education.

The Health Professions Division, with a student body of more than 2000, is home to the College of Optometry, the only one in the state of Florida, which awards the Doctor of Optometry (O.D.) degree. The Division has five other colleges. The College of Osteopathic Medicine, the first one in the southeastern United States, grants the Doctor of Osteopathic Medicine (D.O.) degree. The College of Pharmacy, the only one in South Florida, offers the Doctor of Pharmacy (Pharm.D.) degree. The College of Allied Health offers a bachelor's level Physician Assistant (B.S.) degree, the only accredited P.A. program in South Florida, Master's level Occupational Therapy (M.O.T.),
Physical Therapy (M.P.T.), and Public Health (M.P.H.) degrees, as well as a Doctor of Occupational Therapy (Dr.O.T.) and a Doctor of Science in Physical Therapy (Dr.Sc.P.T.). The College of Medical Sciences grants the Master of Biomedical Sciences (M.B.S.) degree, and in the Fall of 1997, the College of Dental Medicine admitted its charter class into the Doctor of Dental Medicine (D.M.D.) program.

You will study in the newly dedicated $50 million dollar Health Professions Division complex, covering 21 acres of the University campus. The Division includes seven buildings totaling 900,000 square feet of space for classrooms, laboratories, offices, Health Professions Division Library, and an outpatient health center. The adjacent 1,600-vehicle parking garage overlooks the Miami Dolphins Training Camp.

The excitement of this academically integrated, state-of-the-art environment is contagious. Both student body and faculty are energized and motivated to be part of the front line effort to elevate the level of health care to everyone, everywhere.
Optometry
The Front Line of Vision Health Care

If you are considering a career as a doctor of optometry, you will be the health care provider looked to as the gatekeeper of vision health care. You will have the responsibility and obligation to diagnose, treat, manage, and refer, when necessary, all conditions and diseases affecting the human eye and the visual system.

For the highly trained and skilled optometrist, career opportunities are almost limitless. You may be recruited to practice in hospitals, clinics and ophthalmologic centers, or you may want to consider your own private practice.

For rewards so great, the training is extensive and complete. The nationally recognized faculty of Nova Southeastern University College of Optometry will prepare you to take your place as a leader among vision health care providers. As an optometric student, you will receive extensive and rigorous training in community, pediatric, primary, environmental, and rehabilitative optometry, as well as optics and health sciences.

A dynamic career awaits a committed individual. We invite your inquiries.

The Mission of the College of Optometry is

To 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 lifelong learning, scholarship, and community service.
The Doctor of Optometry (O.D.) is a professional degree which requires four years of professional study. During the first two years, students concentrate on anatomy and physiology, general and visual systems, and on principles of ocular and general disease. They receive lecture, laboratory, and clinical instruction in primary care optometry and the conducting of an optometric examination.

During the second year, students study the diagnosis and treatment of abnormalities of vision. In the third year, they begin to examine patients in the University clinics.

The fourth-year program provides extensive clinical education in primary care optometry, specialty training in which students fit contact lenses and administer visual training, and medical/surgical settings. These clinics are either University-operated or are affiliated with the College of Optometry.

**Curriculum Outline**

**FIRST YEAR**

**First Semester**

- ANA 5310 Histology/Embryology
- ANA 5320 Gross Anatomy
- MIC 5300 Biochemistry
- BIC 5300 Microbiology
- OCS 5100 Public Health
- OCS 5110 Optometric Theory and Methods
- OVS 5110 Geometric Optics
- OVS 5300 Vision Testing and Technology

**Second Semester**

- ANA 5340 General Neuroanatomy
- OCS 5120 Public Health II
- OCS 5130 Optometric Theory and Methods II
- OVS 5120 Visual Optics
- OVS 5130 Physical Optics
- OVS 5210 Ocular Anatomy
- OVS 5310 Visual Neurophysiology
- OVS 6340 Ocular Motility
- PHS 5300 General Physiology

**SECOND YEAR**

**First Semester**

- OCS 6140 Optometric Theory and Methods III
- OCS 6210 Ocular Disease I (Anterior Segment)

**Second Semester**

- OCS 6130 Public Health III
- OCS 6160 Optometric Theory and Methods IV
- OCS 6220 Ocular Disease II (Posterior Segment)
- OCS 6312 Vision Screening II
- OCS 7240 Public Health IV
- OCS 7510 Anomalies Binocular Vision I
- OVS 6150 Ophthalmic Optics II
- OVS 6350 Introduction to Binocular Vision
- PCO 6312 General Pharmacology II
- PCO 6320 Ocular Pharmacology

**THIRD YEAR**

**Summer Session**

- OCS 7312 Clinical Conference
- OCS 7322 Primary Care Clinic I

**First Semester**

- OCS 7230 Ocular Disease III (Ocular/Systemic Disease)

- OCS 6302 Vision Screening I
- OVS 6140 Ophthalmic Optics I
- OVS 6220 Ocular Physiology
- OVS 6320 Psychophysics/Monocular Sensory Processes
- POC 6310 General Pharmacology I
- PTH 6300 General Pathology

- OCS 7260 Clinical Medicine
- OCS 7332 Primary Care Clinic II
- OCS 7430 Optometric Economics I
- OCS 7520 Contact Lenses I
- OCS 7530 Anomalies of Binocular Vision II
- OCS 7570 Geriatric Optometry

- OCS 7250 Ocular Disease IV (Neuro-Optometry)
- OCS 7342 Primary Care Clinic III
- OCS 7440 Optometric Economics II
- OCS 7540 Contact Lenses II
- OCS 7550 Learning Disabilities
- OCS 7560 Rehabilitative Optometry
- OCS 8190 Environmental Optometry

**FOURTH YEAR**

- OCS 8352 Primary Care Externship
- OCS 8512 Secondary Care Cornea and Contact Lens Externship
- OCS 8514 Secondary Care Pediatric and Binocular Vision Externship
- OCS 8516 Secondary Care Vision Rehabilitation Externship
- OCS 8612 Tertiary Care Medical/Surgical Externship
Admissions Requirements

The College of Optometry selects students based on pre-professional academic performance, Optometry Admission Test (OAT) scores, personal interviews, written application and letters of evaluation.

1. Prior to matriculation, applicants must have completed a minimum of 90 semester hours of specified course work at a regionally accredited college or university with a 2.5 GPA on a four-point scale. Preference may be given to students with a baccalaureate degree.

2. The College requires the students to earn a grade of 2.0 or better in each of the following required subjects:

<table>
<thead>
<tr>
<th>Subject</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Calculus</td>
<td>3 semester hours</td>
</tr>
<tr>
<td>Physics</td>
<td>8 semester hours</td>
</tr>
<tr>
<td>Biology</td>
<td>8 semester hours</td>
</tr>
<tr>
<td>General chemistry</td>
<td>8 semester hours</td>
</tr>
<tr>
<td>Organic chemistry</td>
<td>4 semester hours</td>
</tr>
<tr>
<td>Social and Behavioral sciences</td>
<td>12 semester hours</td>
</tr>
<tr>
<td>Humanities</td>
<td>3 semester hours</td>
</tr>
<tr>
<td>English composition</td>
<td>3 semester hours</td>
</tr>
<tr>
<td>English literature</td>
<td>3 semester hours</td>
</tr>
<tr>
<td>Courses strongly recommended:</td>
<td></td>
</tr>
<tr>
<td>Statistics</td>
<td>3 semester hours</td>
</tr>
<tr>
<td>Microbiology</td>
<td>3 semester hours</td>
</tr>
</tbody>
</table>

Upon review of a student's individual record, the Committee on Admissions may require additional course work and testing as a condition of acceptance.

Preference will be given to students with a cumulative GPA of 2.8 or higher. However, the Dean is empowered to evaluate the total qualifications of every student and to consider any unusual circumstances.

3. All applicants are required to submit official scores from the Optometry Admission Test.

There is no requirement that a student major in a specific area. Students are encouraged to select their undergraduate curricula according to their own interests with a view towards educating themselves to function as professionals in a complex society.

Inquiries should be directed to:

Office of Admissions
College of Optometry
Nova Southeastern University
3200 South University Drive
Ft. Lauderdale, FL 33328
(954) 262-1101, or
(800) 356-0026, Ext. 1101
Circumstances may warrant that a student enrolled in one optometric college seeks to transfer to another institution. Any individual wishing to transfer to Nova Southeastern University College of Optometry must meet the following criteria.

The applicant must:

1. Make a formal application to the NSU College of Optometry Office of Admissions.

2. Meet all admissions requirements to NSU College of Optometry, which include submitting official transcripts of all college work (including optometric transcripts), Optometry Admission Test (OAT) scores, National Board (NBEO) scores, if taken, and letters of evaluation. The applicant must be interviewed.

3. Be in good standing at the transferring institution, as documented by a letter from the Dean of the transferring institution.

4. Supply one letter of recommendation from a faculty member of the transferring institution.

5. Supply a written statement outlining reasons for request for transfer.

Decisions on transfer applications are made by the Dean's Office. The decision will be based on factors which include, but are not limited to: academic record, circumstances leading to the transfer request, available space and admissions standards.

Send application and documentation to:

Office of Admissions
College of Optometry
Nova Southeastern University
3200 South University Drive
Ft. Lauderdale, FL 33328
Procedures

1. The Office of Admissions processes applications on a "rolling" basis. The application form and a non-refundable fee of $50.00 should be submitted as early as possible, but no later than April 1 in order to be considered for admission in August. It is in the best interest of prospective students to complete their applications early.

2. A complete application is required before an applicant can be considered. This includes the application form, application fee, a complete set of official transcripts, Optometry Admission Test (OAT) scores, and letters of evaluation.

3. All applicants are required to submit official scores from the Optometry Admission Test.

Transcripts

Official transcripts of all work attempted at all colleges and universities must be forwarded, by the institutions attended, to the Office of Admissions, College of Optometry. It is the responsibility of the applicant to ensure that arrangements are made for these transcripts to be sent. A final transcript, covering all of the applicant's work, must be forwarded to the Office of Admissions prior to matriculation.

Letters of Evaluation

An evaluation by a pre-professional health advisor or committee is required from the applicant's undergraduate institution. If this evaluation cannot be provided, three individual letters of evaluation are required from undergraduate instructors, two from science instructors and one from a liberal arts instructor. If possible, these letters should be from faculty who know the applicant's scholastic abilities and personal characteristics; otherwise, they should be from persons who can provide an evaluation to the Committee on Admissions. A site visit to an optometrist's office and a letter of evaluation from the optometrist is also required.

Interview

A personal interview will be an integral part of the admission process; however, being granted an interview is not a guarantee of admission. It should also be clearly understood that not all applicants will be granted an interview. Those who are selected for an interview will be notified of the date and time of such interview by the Office of Admissions.

Tuition and Fees

1. Anticipated tuition for 1998-99 (subject to change by the Board of Trustees without notice): $14,900 for Florida residents and $18,900 for out-of-state students, plus a student activities fee of $100 each year is required from all students.

Eligible students must request in-state tuition on application. For tuition purposes, students' Florida residency status (in-state or out-of-state) will be determined based upon initial admission 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.

2. Acceptance Fee – $100. 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 not refundable in case of a withdrawal. It is payable within two weeks of an applicant's acceptance.

3. Deposit – $400. This is due March 15, under the same terms as the Acceptance Fee.

4. Pre-registration Fee – $500. This is due May 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 four years of professional education. This should include tuition, living expenses, books, equipment, and miscellaneous expenses.

It is required that each student carry adequate personal medical and hospital insurance. Students may avail themselves of the hospitalization insurance plan obtainable through the University.
Foreign Course Work

Undergraduate course work taken at a foreign institution must be evaluated for U.S. institution equivalence. Foreign course work must be evaluated by one of the three services listed below. You should contact:

World Education Services, Inc.
P.O. Box 745 Old Chelsea Station
New York, NY 10113-0745
(212) 966-6311
or
Josef Silney & Associates, Inc.
International Education Consultants

Expenses & Financial Aid

Students should anticipate spending approximately $2,000 a year for books, a one-time $4,000 expense for equipment, and $13,000 for living expenses for a nine-month academic year.

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 purpose of the Student Financial Aid Program at Nova Southeastern University 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 separate University publication: Financial Planning For Your Health Professions Education.

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.

Student Housing

Nova Southeastern University offers on-campus housing. Numerous apartments, condominiums, and other rental housing facilities are located near the Ft. Lauderdale campus. Information concerning housing may be obtained from the Office of Residential Life at 3301 College Avenue, Ft. Lauderdale, FL 33314, Tel. (954) 262-7052.
Welcome To Our Campus

The Health Professions Division Facilities

1. TERRY ADMINISTRATION BUILDING
   First Floor
   Student Affairs
   Admissions
   Financial Aid
   HPD Cafeteria
   
   Second Floor
   College of Allied Health
   Occupational Therapy Program
   Physical Therapy Program
   Physician Assistant Program
   Public Health Program
   
   Third Floor
   College of Medical Sciences
   College of Pharmacy
   
   Fourth Floor
   College of Osteopathic Medicine
   College of Optometry
   
   Fifth Floor
   HPD Administration

2. ASSEMBLY BUILDING
   Finkelstein Auditorium- 125 seats
   Jonas Auditorium- 125 seats
   Melnick Auditorium- 125 seats
   Terry Auditorium- 125 seats
   Auditoria A,B,C, and D- 125 seats each
   Central Auditorium- 500 seats
   Hull Auditorium- 250 seats
   Seminar Rooms

3. LIBRARY/LABORATORY BUILDING
   First Floor
   Drug Information Center
   HARVEY Cardiac Simulation Room
   HPD Library
   Student Computer Laboratory
   Patient Simulation Center
   
   Second Floor
   Occupational Therapy Laboratories
   Optometry Laboratories
   Physical Therapy Laboratory
   Student Lounge
   Osteopathic Manipulative Medicine Laboratory
   
   Third Floor
   Basic Science Laboratories
   Gross Anatomy Laboratories
   Microscopy Laboratory
   Research Laboratories
   Moran Pharmacy Practice Laboratory
   Pharmacokinetics Laboratory
   Pharmacuetics Laboratory

4. CAMPUS PHARMACY

5. SANFORD L. ZIFF HEALTH CARE CENTER
   First Floor
   Family Medicine
   Occupational Therapy
   Pediatrics
   Physical Medicine and Rehabilitation

6. DENTAL MEDICINE BUILDING
   First Floor
   Oral Medicine and Radiology Clinic
   Oral Surgery Clinic
   Student Dental Clinic
   
   Second Floor
   Faculty Practice
   Postgraduate Endodontic Clinic
   Postgraduate Orthodontic Clinic
   Postgraduate Pediatric Dentistry Clinic
   Postgraduate Periodontic Clinic
   
   Third Floor
   Auditorium
   Central Sterilization Area
   Faculty Offices
   Student Dental Supply Depot

7. PARKING GARAGE
Directions From Fort Lauderdale/Hollywood International Airport

Take I-595 West to University Drive. Exit, go south to S.W. 30th Street. Turn left and make an immediate right into the Health Professions Division Complex.

From I-95, North or South, or Florida's Turnpike, North or South

Take I-595 exit westbound. Proceed on I-595 to University Drive. Exit, go south to S.W. 30th Street. Turn left and make an immediate right into the Health Professions Division Complex.