2007

College of Osteopathic Medicine 2007

Nova Southeastern University

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Nova Southeastern University, synonymous with dynamic innovation and intellectual challenge, is the largest independent not-for-profit university in the Southeast, and with an enrollment of more than 26,000 students, is the seventh largest in the United States. Situated on a beautiful, 300-acre campus in Fort Lauderdale, Florida, the university is experiencing a sustained period of academic growth, fiscal strength, and commitment to the challenges of the 21st century.

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

Founded in 1964 as Nova University, the institution merged with Southeastern University of the Health Sciences in 1994, creating Nova Southeastern University. To date, the institution has approximately 86,000 alumni. Fully accredited by the Commission on Colleges of the Southern Association of Colleges and Schools, the university awards associate's, bachelor's, master's, educational specialist, and doctoral degrees in a wide range of fields including the health professions, law, business, marine sciences, psychology, social sciences, computer and information sciences, and education.

The university's programs are administered through 15 academic centers that offer courses at the main campus and at field-based locations throughout Florida; across the nation; and at selected international sites in Europe, Canada, the Pacific Rim, Central and South America, and the Caribbean.

With a budget of more than $220 million per year and an upward trend in enrollment, the university will continue to maintain a solid record of academic and fiscal strength and excellence in teaching and community service, while expanding its mission in research and scholarship.
If you are considering a career as a doctor of osteopathic medicine, enormous opportunities to practice modern medicine await you. For the osteopathic physician, a patient is much more than a presenting symptom. Each person is a complete human being to be evaluated with consideration to his or her entire background.

The osteopathic model is comprehensive and holistic and demands that its practitioners possess both humanitarian and intellectual qualities. It encourages a broad educational background in both the sciences and the humanities.

Two types of physicians are licensed to practice medicine in all 50 states: the doctor of osteopathic medicine (D.O.) and the doctor of medicine (M.D.). While both types of physicians are trained in all aspects of patient care, D.O.s offer a distinctly holistic approach to medicine.

Osteopathic medicine is a profession that recognizes the relationship between physical structure (musculoskeletal) and organic function. Osteopathic physicians view the human body as an interdependent unit rather than an assortment of separate parts and systems. Osteopathic medicine is distinguished by

- an emphasis on primary care
- use of osteopathic manipulative medicine when indicated
- a tradition of caring for patients in underserved rural and urban areas

While all medical, surgical, and obstetric specialties are represented within our profession, the training of vitally needed family physicians and the drive to reach rural, minority, geriatric, and indigent populations make our program unique.

A dynamic career awaits committed individuals. We invite your inquiries.

**FAST FACTS**

In September 2005, NSU-COM's Center for Bioterrorism and All-Hazards Preparedness took another step toward statewide preeminence when it received two U.S. Health Resources and Services Administration (HRSA) grants. The grants, totaling $4.8 million, target interdisciplinary bioterrorism preparedness curriculum development and continuing education.

The Federal Bureau of Prisons and the Florida Department of Corrections are providing approximately $700,000 in funding for the college's new postdoctoral, postresidency Correctional Medicine Physician Fellowship Program, which officially commenced in July 2006.

The College of Osteopathic Medicine offers students invaluable opportunities to participate in humanitarian missions and work with underserved populations in Ecuador, Guatemala, and Jamaica.
For students pursuing their medical education at Nova Southeastern University College of Osteopathic Medicine (NSU-COM), the matriculation experience has proven to be both challenging and rewarding.

By combining the most contemporary teaching modalities with the newest technology, our students are assured of obtaining the most comprehensive osteopathic medical education possible.

However, while providing a cutting-edge curriculum is important in today's ever-changing medical education landscape, one of the keys to our success is best illustrated by the dedicated faculty members who impart that education to the students. We have a diverse faculty. Our faculty members have many backgrounds, different degrees, various specialties, and wide-ranging educational experiences. Rather than being a detriment, these differences have instead produced a robust educational engine that is driving the college in a very beneficial way—a fact that is reflected in our students' productivity academically, personally, and professionally.

Leading by example and serving as mentors; that is how the NSU-COM faculty brings out the best in our students. This is amply demonstrated by our faculty's caring, compassion, and willingness to devote copious amounts of time to various community activities, as well as local and international medical missions. The faculty's positive impact on our student body is also evidenced by the high level of esteem our students are receiving from outside institutions. As NSU-COM dean, it is deeply gratifying to see how desired our students are by various institutions and programs, and how they are being actively recruited for both clinical rotation positions and postgraduate residency programs.

I truly believe that faculty participation at all levels of academia and the opportunity for faculty to analyze, dissect, and recommend all aspects of our students' education is what's responsible for the implementation of so many educational innovations that have helped boost the college's academic reputation. Thanks to the synergistic energy of our students, faculty members, and staff members, the pursuit of excellence has become a daily reality at NSU-COM.

Dean, College of Osteopathic Medicine
COURSE OF STUDY

The doctor of osteopathic medicine (D.O.) is a professional degree that requires four years of professional study. Our innovative curriculum is designed to fulfill our mission of training physicians with an emphasis in primary care. Its design is based on successful academic models, which are carefully developed and integrated.

The unique curriculum provides academic and clinical training that prepares students for the real world of medicine. It will make you more competitive for postdoctoral training positions and more attractive to those interviewing candidates for those positions.

A notable aspect of our clinical training program is a three-month clinical rotation at a rural setting where many residents have little access to health care. You will learn to treat various cultural and ethnic groups whose lifestyles and attitudes toward health care differ from those you will see in more traditional training sites. It is an enriching educational experience.
NSU COLLEGE OF OSTEOPATHIC MEDICINE
MISSION STATEMENT

We, the faculty and staff members of the NSU College of Osteopathic Medicine, are committed to the uniqueness and importance of our osteopathic philosophy and heritage. Working together, we educate and train future osteopathic physicians who will succeed in meeting the needs of tomorrow’s diverse patients in an evolving health care system. We are committed to producing competent, compassionate physicians who are holistic, self-directed, and lifelong learners. This is accomplished by

- providing medically superior and committed faculty as role models
- delivering state-of-the-art and relevant education, training, and research support aligned with the needs of our communities (local, national, and international)
- demonstrating quality patient care and education through increased clinical experience
- performing ongoing self-evaluations

We listen to, and consider the recommendations and needs of, our partners in the public and professional communities and the educational needs of our students and residents.

We will continually express the importance of our mission.

The college receives more than 2,000 applications a year, from which only 230 students are chosen. These students have varied backgrounds, and while many enter the college directly from an undergraduate program, other students come from successful careers. Entering students have included pharmacists, physician assistants, nurses, teachers, pilots, and engineers.

The Committee on Admissions recommends applicants to the dean on the basis of demonstrated academic excellence, leadership, compassion, and commitment to the osteopathic medical profession.

ACCREDITATION AND NONDISCRIMINATION

Nova Southeastern University is accredited by the Commission on Colleges of the Southern Association of Colleges and Schools (1866 Southern Lane, Decatur, Georgia 30033-4097, Telephone number: 404-679-4501) to award associate’s, bachelor’s, master’s, educational specialist, and doctoral degrees. Consistent with all federal and state laws, rules, regulations, and/or local ordinances (e.g., Title VII, Title VI, Title III, Title II, Rehab Act, ADA, and Title IX), it is the policy of Nova Southeastern University not to engage in any discrimination or harassment against any individuals because of race, color, religion or creed, sex, pregnancy status, national or ethnic origin, nondisqualifying disability, age, ancestry, marital status, sexual orientation, unfavorable discharge from the military, veteran status, or political beliefs or affiliations, and to comply with all federal and state nondiscrimination, equal opportunity, and affirmative action laws, orders, and regulations.

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

FIRST SEMESTER CORE COURSES
Medical Histology
Gross Anatomy
Medical Biochemistry I
Basic Life Support
Clinical Practicum I
IGC Preceptorship I
Ethnocultural Medicine
O P and P I
Medical Physiology I

ELECTIVE COURSES
Community Service I
Preclinical Preceptorship I
Research I
Guided Study I

SECOND SEMESTER CORE COURSES
Neuroanatomy
Medical Biochemistry II
IGC Preceptorship II
Clinical Practicum II
Principles of Radiology
Medical Microbiology
O P and P II
Medical Physiology II
Preventive Medicine and Public Health Preparedness
Tobacco Cessation

ELECTIVE COURSES
Community Service II
Research II
Preclinical Preceptorship II
Guided Study II

IGC—Interdisciplinary Generalist Curriculum
O P and P—Osteopathic Principles and Practice
second year

FIRST SEMESTER CORE COURSES
End of Life Seminar
HIV Seminar
Clinical Medicine I
Hematopoietic and Lymphoreticular System
Reproductive System
Cardiovascular System
Respiratory System
Endocrine System
IGC Preceptorship III
Integumentary System
Introduction to Complementary and Alternative Medicine
Clinical Procedures I
O P and P III
Principles of Pharmacology
Psychiatry and Behavioral Medicine
Principles of Pathology
Anesthesiology

ELECTIVE COURSES
Guided Study IV
Research IV
Integration of Biomedical and Clinical Science
Preclinical Preceptorship IV
Community Service IV

third year

CORE CLINICAL ROTATIONS
Psychiatry
Geriatrics
Family Medicine—Clinic
Family Medicine
Internal Medicine
Internal Medicine
Internal Medicine
Obstetrics/Gynecology
Pediatrics—Ambulatory
Pediatrics—Hospital
General Surgery
General Surgery

ELECTIVE COURSES
Community Service III
Research III
Guided Study III
Preclinical Preceptorship III

SECOND SEMESTER CORE COURSES
Medical Jurisprudence
Advanced Cardiac Life Support
Ped. Advanced Cardiac Life Support
Nervous System
Medical Ethics
Clinical Medicine II
Clinical Procedures II
Musculoskeletal System
Gastrointestinal System
IGC Preceptorship IV
Renal/Urinary System
Preclerkship Seminar
O P and P IV

Rural Medicine
International Health I
Integration of Clinical Services
International Health II
General Internal Medicine
The Cardiac Patient Simulator—“Harvey”
Medical Intensive Care
Internal Medicine/Managed Care
Cardiology
Dermatology
Endocrinology
Gastroenterology
Hematology/Oncology
Infectious Diseases
Nuclear Medicine
Nephrology
Neurology
Rheumatology
Radiology
Obstetrics/Gynecology
Pain Management
General Pediatrics
Neonatology
Pediatric Subspecialty
Pediatric Emergency Medicine
Pediatric Infectious Diseases
Adolescent Medicine
Pediatric Intensive Care
Pediatric Sub-internship
Public Health
Clinical Pathology
Forensic Pathology
Anesthesiology
Cardiovascular Surgery
General Surgery
Surgical Intensive Care
Neurosurgery
Ophthalmology
Orthopedics
Proctology
Plastic/Reconstructive Surgery
Thoracic Surgery
Urology
 Applicants for admission to the first-year class must meet the following requirements prior to matriculation:

1. have a bachelor's degree from a regionally accredited college or university (A minimum of 90 semester hours of acceptable work from an accredited institution may be considered for admission.)

2. have successfully completed
   a. eight semester hours of each of the following:
      • General biology (including laboratory)
      • General chemistry (including laboratory)
      • Organic chemistry (including laboratory)
      • Physics (including laboratory)
   b. three semester hours of each of the following:
      • English literature
      • English composition

3. have taken the Medical College Admission Test (MCAT)

These are the minimum academic requirements for admission. Students are encouraged to take additional courses such as embryology, genetics, behavioral sciences, and the humanities.

Preference will be given to students with a cumulative GPA of 3.0 or higher (on a 4.0 scale). However, the dean is empowered to evaluate the total qualifications of every student and to modify requirements in unusual circumstances.

Applications for the MCAT may be obtained online at www.aamc.org, from the college's preprofessional adviser's office, by calling (319) 337-1357, or by writing directly to

Medical College Admission Test
Program Office
2255 North Dubuque Road
P.O. Box 4056
Iowa City, Iowa 52243-4056

MCAT must have been taken, and scores received, no more than three years prior to the application cycle. This examination, offered twice a year, usually in August and April, evaluates the applicant's knowledge of biology, general chemistry, organic chemistry, reading comprehension, and quantitative reasoning. We strongly recommend that the examination be taken in the spring of the junior year, so that if applicants feel that the test scores are unsatisfactory, they may retake the examination in the fall of the senior year. Only the best set of test scores will be considered.
PRIMARY APPLICATION PROCESS

The college participates in the American Association of Colleges of Osteopathic Medicine Application Service (AACOMAS) for the receipt and processing of all applications. AACOMAS takes no part in the selection of students.

Applicants may submit applications electronically through AACOMAS Online, an interactive Web-based application that can be accessed through www.aacom.org. Applicants choosing to submit a paper application may contact AACOMAS directly for an application packet at

AACOMAS
5550 Friendship Boulevard, Suite 310
Chevy Chase, Maryland 20815-7231
(301) 968-4190

Listed below are the necessary steps to complete the primary application process.

The applicant should submit the following materials to AACOMAS:

- completed AACOMAS application
- an official transcript from the registrars of all colleges and universities attended. This must be mailed directly to AACOMAS by the college or university.
- MCAT scores (must be no more than three years old)

The AACOMAS application process may take four to six weeks. The deadline for submitting an AACOMAS application for NSU-COM is January 15.

SECONDARY APPLICATION PROCESS

Nova Southeastern University requires the completion of a secondary application. Upon receipt of the AACOMAS application, NSU-COM will forward an online secondary application to the student.

Listed in the following column are the necessary steps to complete the secondary application process.
The applicant should submit the following materials to Nova Southeastern University:

- a completed secondary application
- a nonrefundable application fee of $50
- a letter of evaluation from the preprofessional committee, or if such a committee does not exist, three letters of evaluation are necessary (two from science professors and one from a liberal arts professor)
- a letter of evaluation from an osteopathic physician

The deadline date for submitting the secondary application for NSU-COM is March 1. It should be sent to

**NOVA SOUTHEASTERN UNIVERSITY**  
Enrollment Processing Services (EPS)  
College of Osteopathic Medicine  
Office of Admissions  
3301 College Avenue  
P.O. Box 299000  
Fort Lauderdale, Florida 33329-9905

**INTERVIEW PROCESS**

A personal interview is a part of the admission 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 Office of Admissions will notify selected candidates of the date and time of the interview.

**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.
Circumstances may warrant that a student enrolled in an osteopathic college seeks to transfer to another institution. Credits may be transferred from medical schools and colleges accredited by the American Osteopathic Association or by the Liaison Committee on Medical Education (LCME) or from other professional schools if, in the opinion of the dean, these schools have provided coursework comparable to that of the NSU College of Osteopathic Medicine.

1. Transfers from a college of osteopathic medicine to another shall require that the last two years of instruction be completed within the college granting the D.O. degree.

2. Transfers from an LCME-accredited medical school or college shall require that no less than the last 50 percent of instruction be completed within the College of Osteopathic Medicine.

3. Transfer credits shall be given only if the student is in good academic standing in the previously attended college of osteopathic medicine or other medical school.

4. Credit is only given for completed courses with grades of 70 percent (C) or greater.

Anyone wishing to transfer to Nova Southeastern University College of Osteopathic Medicine must meet the following criteria:

1. complete a formal application to Nova Southeastern University College of Osteopathic Medicine Office of Admissions

2. satisfy all admission requirements to NSU College of Osteopathic Medicine, which include submitting official transcripts of all college work (including osteopathic transcripts); MCAT scores; National Board scores, if taken; and letters of evaluation

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 osteopathic institution

5. supply a written statement outlining reasons for request to transfer
Decisions on transfer are made by the dean. The decision will be based on factors that include, but are not limited to, academic record, circumstances leading to the transfer request, available space, and admission standards. The College of Osteopathic Medicine will evaluate each credit and grant that which is appropriate, with total coursework and total tuition reduced appropriately.

Send application and documentation to

NOVA SOUTHEASTERN UNIVERSITY
Enrollment Processing Services (EPS)
College of Osteopathic Medicine
Office of Admissions
3301 College Avenue
P.O. Box 299000
Fort Lauderdale, Florida 33329-9905
foreign coursework

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

World Education Services, Inc.
P.O. Box 745
Old Chelsea Station
New York, New York 10113-0745
(212) 966-6311 • www.wes.org

Josef Silny & Associates, Inc.
International Education Consultants
7101 SW 102 Avenue
Miami, Florida 33173
(305) 273-1616 • www.jsilny.com

Educational Credential Evaluators, Inc.
P.O. Box 514070
Milwaukee, Wisconsin 53203-3470
(414) 289-3400 • www.ece.org

It is the applicant's responsibility to have this coursework evaluated. An official evaluation must be sent to

Nova Southeastern University
Enrollment Processing Services (EPS)
College of Osteopathic Medicine
Office of Admissions
3301 College Avenue
P.O. Box 299000
Fort Lauderdale, Florida 33329-9905

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 Residential Life and Housing
3301 College Avenue
Fort Lauderdale, Florida 33314-7796
(954) 262-7052
tuition and fees

The anticipated tuition for 2007–2008 (subject to change by the board of trustees without notice) is $27,585 for Florida residents and $33,995 for out-of-state students. A microscope/laboratory fee of $100 is required for first-year students. A Health Professions Division student access fee of $145 is required each year. An NSU student service fee of $750 is also required annually.

Eligible students must request in-state tuition on the application. For tuition purposes, a student's Florida residency status (in-state or out-of-state) will be determined based on 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 status after initial enrollment registration.

1. Acceptance Fee—$750. 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. Applicants accepted prior to November 15 will have until December 14 to pay this acceptance fee. Applicants accepted between November 15 and February 16 will have 30 days, and those accepted between February 16 and April 15 will pay the combined acceptance fee and deposit of $2,000 within 30 days after their acceptance. Anyone accepted on April 16 or later will pay the combined acceptance fee and deposit of $2,000 within 14 days after his or her acceptance.

2. Deposit—$1,250. This advance payment is due March 15. It will be deducted from the tuition payment, but is nonrefundable in the event of a withdrawal.

The first semester's tuition and fees, less the $2,000 previously paid, are due upon receipt of the NSU invoice. Students will be billed for each subsequent semester. 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.
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 $50 fee.
Students should anticipate spending approximately $6,300 a year for books, equipment, and supplies and $14,000 for living expenses for a 12-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 and scholarships 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: The NSU Guide to Student Financial Assistance.

For a copy or information, contact

NOVA SOUTHEASTERN UNIVERSITY
Office of Student Financial Assistance
3301 College Avenue
Fort Lauderdale, Florida 33314-7796
(954) 262-3380 or 800-806-3680

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