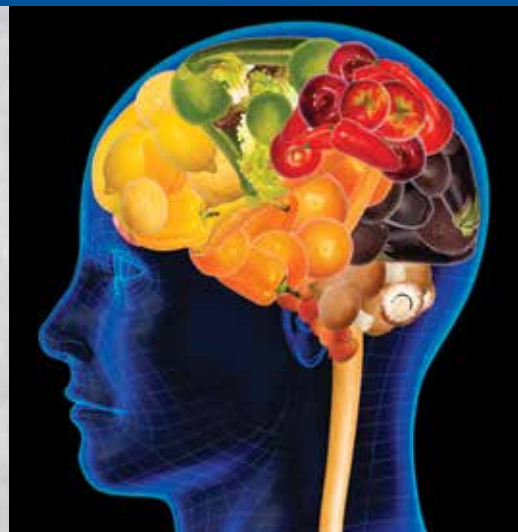


College of Osteopathic Medicine

Graduate Programs

NOVA SOUTHEASTERN UNIVERSITY
HEALTH PROFESSIONS DIVISION
ENTERING CLASS 2018



PUBLIC HEALTH
BIOMEDICAL INFORMATICS
DISASTER AND EMERGENCY
MANAGEMENT
MEDICAL EDUCATION
NUTRITION
SOCIAL MEDICINE



NOVA SOUTHEASTERN UNIVERSITY—synonymous with dynamic innovation and intellectual challenge—is the **second largest**, private, nonprofit university in the Southeast and **1 out of only 361 colleges and universities** nationally selected for the Carnegie Foundation’s Community Engagement Classification. Situated on a beautiful, 314-acre campus in Fort Lauderdale, Florida, the university is experiencing a sustained period of academic growth, fiscal strength, and commitment to the challenges of the 21st century.

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

Founded in 1964 as Nova University, the institution merged with Southeastern University of the Health Sciences in 1994, creating Nova Southeastern University. To date, the institution has **more than 177,000 alumni** and current enrollment of **more than 21,000 students**. 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, as well as certificates in a wide range of fields including the health professions, law, business, marine sciences, psychology, social sciences, computer and information sciences, and education.

The university’s degree programs are administered through academic units that offer courses at the Fort Lauderdale/Davie Campus, as well as at NSU’s regional campuses, located in Fort Myers, Jacksonville, Miami, Miramar, Orlando, Palm Beach, and Tampa, Florida, and San Juan, Puerto Rico. NSU also has active distance education programs offered at instructional sites in 12 other U.S. States and 4 other countries.

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 (osteopathic.nova.edu/masters).



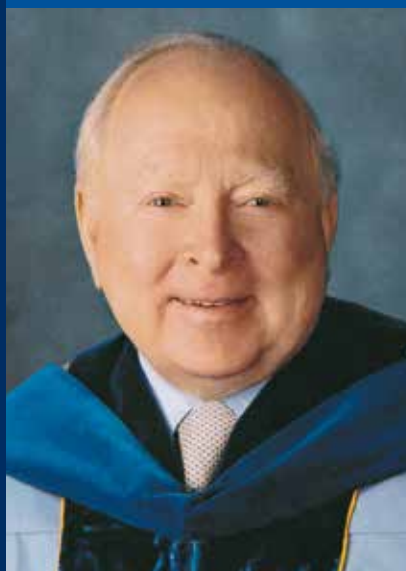
FORT LAUDERDALE/DAVIE CAMPUS



TABLE OF CONTENTS

Letter from the HPD Chancellor	2
Health Professions Division	3
Letter from the Dean	4
Master of Public Health	
Program Information	6
Exit Opportunities	6
Curriculum Outline	8
Admissions Requirements	10
Application Procedures	11
Transfer of Credits	12
Nondegree-Seeking Students	13
Graduate Certificates	14
Tuition, Fees, Expenses, and Financial Aid	15
Biomedical Informatics	
Program Information	16
Exit Opportunities	17
Master of Science in Biomedical Informatics	
Curriculum	18
Admissions Requirements	19
Application Procedures	20
Nondegree-Seeking Students	21
Graduate Certificates	22
Tuition and Fees	27
Disaster and Emergency Management	
Program Information	28
Exit Opportunities	29
Course of Study	29
Curriculum	30
Admissions Requirements	32
Application Procedures	33
Nondegree-Seeking Students	34
Tuition and Fees	34
Master of Science in Medical Education	
Program Information	35
Exit Opportunities	35
Course of Study	36
Curriculum	36
Admissions Requirements	37
Application Procedures	37
Nondegree-Seeking Students	38
Tuition and Fees	38
Master of Science in Nutrition	
Program Information	39
Exit Opportunities	39
Course of Study	40
Curriculum	41
Admissions Requirements	43
Application Procedures	44
Transfer of Credits	46
Nondegree-Seeking Students	46
Graduate Certificate in Functional Nutrition and Herbal Therapy	47
Tuition and Fees	48
Graduate Certificate in Social Medicine	
Program Information	49
Admissions Requirements	49
Curriculum Outline	50
Tuition and Fees	50

Letter from the HPD Chancellor



OVER THE PAST two decades, NSU's Health Professions

Division has evolved into a dynamic and innovative, interprofessional, academic

health center that comprises seven colleges (the Colleges of Osteopathic Medicine, Pharmacy, Optometry, Medical Sciences, Dental Medicine, Health Care Sciences, and Nursing) and more than 60 degree and certificate programs.

Our colleges and programs are nationally and internationally recognized due to our esteemed faculty and staff members, who are dedicated to working closely with students, nurturing them along as they progress through the academic experience.

When students truly know their professors are there for them on a daily basis, it makes a big difference in their educational experience.

Our educational paradigm is both academically and technologically robust. Because of this, we're able to provide our students with the knowledge and skills they will need to become compassionate and dedicated health care professionals.

Our current students are fully aware and appreciative of this fact. And as a new student, you will be as well.

Frederick Lippman, R.Ph., Ed.D.

Health Professions Division Chancellor

THE HEALTH PROFESSIONS DIVISION, with a student body of nearly 8,000, is home to seven colleges. Located on the Fort Lauderdale/Davie Campus, it occupies a \$70-million complex, covering 21 acres. It includes eight buildings totaling more than 900,000 square feet of space for classrooms, laboratories, offices, the Health Professions Division Library, an outpatient health center, and a pharmaceutical care center. Several of the HPD programs are also located at our regional campuses in Fort Myers, Jacksonville, Miami, Miramar, Orlando, Palm Beach, and Tampa, Florida, as well as in San Juan, Puerto Rico. These campuses extend 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.

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 Public Health (B.S.)
- Graduate Certificate in Functional Nutrition and Herbal Therapy
- Graduate Certificate in Health Education
- Graduate Certificate in Medical Informatics
- Graduate Certificate in Public Health
- Graduate Certificate in Public Health Informatics
- Graduate Certificate in Social Medicine

College of Pharmacy

- Master of Science in Pharmaceutical Affairs (M.S.)
- 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.)
- Graduate Certificate in Clinical Vision Research

College of Health Care Sciences

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

College of Medical Sciences

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

College of Dental Medicine

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

College of Nursing

- Bachelor of Science in Nursing (B.S.N.)
 - Entry Nursing
 - R.N. to B.S.N.
 - R.N. to M.S.N.
- Master of Science in Nursing (M.S.N.)
 - R.N. to M.S.N.
 - M.S.N. Clinical Concentrations
 - Advanced Practice Registered Nurse, Family Nurse Practitioner
 - Advanced Practice Registered Nurse, Gero-Adult Acute Care Nurse Practitioner
 - M.S.N. Nonclinical Concentrations
 - Health Systems Leadership
 - Nursing Education
 - Nursing Informatics
- Doctor of Nursing Practice (D.N.P.)
- Doctor of Philosophy in Nursing (Ph.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 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.)



Letter from the Dean

NOVA SOUTHEASTERN UNIVERSITY College of Osteopathic Medicine (NSU-COM) is home to more than 525 active students and 52 faculty members and offers a unique combination of master's degree programs in a Health Professions Division that provides unique cultural and intellectual opportunities. We hope you will get a feel for what it is like to succeed in our community of faculty members, many of whom have strong connections to the local and state health care systems. NSU-COM programs prepare graduate students for distinguished careers in research and academics and as experts in both governmental and private organizations. NSU-COM students are trained to assess information and trends in their fields, as well as submit original manuscripts for publication. Please review the offerings in this admissions brochure and meet with our distinguished faculty members to determine which curriculum is best aligned with your interests.

A handwritten signature in blue ink that reads "Elaine M. Wallace D.O." in a cursive script.

Elaine M. Wallace, D.O., M.S., M.S., M.S.
Dean, College of Osteopathic Medicine

NSU MISSION STATEMENT

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



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.

ACCREDITATIONS

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.

Nova Southeastern University College of Osteopathic Medicine has been granted accreditation by the Commission on Osteopathic College Accreditation of the American Osteopathic Association, www.osteopathic.org. This body is recognized by the U.S. Department of Education as the accrediting agency for colleges educating osteopathic physicians and surgeons.

The Master of Public Health Program is accredited by the Council on Education for Public Health, www.ceph.org.

NONDISCRIMINATION

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

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

Master of Public Health

Program Information

The M.P.H. Program offers a generalist Master of Public Health (M.P.H.) degree, which requires a minimum of 42 credit hours of study. This consists of 27 credit hours of required core courses, including a public health field experience (6 credit hours) and a minimum of 15 credit hours of public health elective courses. Coursework may be taken on a full-time or part-time basis. M.P.H. students are required to complete their course of study within five years of matriculation. A full-time student may be able to complete the requirements within two years. The M.P.H. degree may be completed on-site or online. Online courses have both synchronous and asynchronous components. The M.P.H. Program also offers a Spanish-language version of the online option. The curricula for these options are identical, although the modality of instruction for each one is different. On-site classes are offered in the evening, and are generally scheduled one evening per week. Up to 15 credit hours of online courses are allowable within the on-site option. A face-to-face orientation is required for both online and on-site students prior to matriculation into the program. Students must maintain a grade point average (GPA) of 3.0 to remain in good academic standing. The culminating experiences at the end of the program include a supervised field experience (with an oral evaluation) and a written comprehensive examination. Supervised field-based courses, projects, and research opportunities are available to students as part of their elective courses. Each student must successfully pass a written comprehensive examination to complete the course of study. There is also an annual capstone session for graduating students. It is held in May, just prior to commencement.

The schedule of course offerings and other pertinent information about the program are available on the program website (nova.edu/ph) through the Master of Public Health link.

Exit Opportunities

There is a need for public health professionals to address emerging and re-emerging diseases, environmental health concerns, health care reform, proliferation of agents and weapons of mass destruction, sociopolitical factors affecting this nation's health and health care systems, and the expansion of health issues that are global in scope. Professionals with a Master of Public Health (M.P.H.) degree may hold positions of responsibility in a variety of settings. These include health care facilities, county and state health departments, social service agencies, health policy and planning organizations, colleges and universities, community-based health education and health promotion centers, nonprofit volunteer organizations, governmental and non-governmental health agencies, and the corporate world.

The M.P.H. program at Nova Southeastern University College of Osteopathic Medicine provides a comprehensive, graduate-level program designed to prepare students to define, critically assess, and resolve public health problems. It emphasizes acquisition of knowledge and skills for promoting health, preventing disease, developing and evaluating programs, enhancing clinical practice, conducting research, and providing community service. The M.P.H. degree is a recognized degree for leadership in health care. The curriculum enhances understanding of the biological, social, environmental, demographic, and political factors that determine the health of the individual and the population. The program—offered on-site and online—is generalist in nature. Students have the opportunity, through a number of elective courses, to enhance their knowledge and skills in a variety of public health disciplines. An M.P.H. degree also complements other health profession degrees and provides candidates with the highly sought-after skills necessary to respond to changes in the health care environment.

Upon matriculation, graduates may find professional opportunities in a variety of areas and settings. A 2013 report from *Forbes* magazine that accounted for Bureau of Labor Statistics' employment projection data between 2010 and 2020 ranked a Master of Public Health degree as the sixth-best degree for employment, and projected employment opportunities increasing by 30.5 percent within the field by 2020.

MISSION STATEMENT

Master of Public Health Program

To improve the health of the population through education, research, and service, with an emphasis on multicultural and underserved populations.

Program Goals

- Education: to provide quality education in public health
- Research: to contribute to the discovery and application of knowledge in public health
- Service: to provide public health leadership and service in the community



Public Health Curriculum Outline

Core Courses (required)

		instruction	practice	semester hours
PUH 5220	Environmental and Occupational Health	45	0	3
PUH 5301	Biostatistics	45	0	3
PUH 5430	Epidemiology	45	0	3
PUH 5512	Health Policy, Planning, and Management	45	0	3
PUH 5520	Legal and Ethical Issues in Public Health	45	0	3
PUH 6001	Social and Behavioral Sciences Applied to Health	45	0	3
PUH 6002	Public Health Field Experience	0	200	6
PUH 6604	Research Methods in Public Health	30	30	3
PUH 6690	Comprehensive Examination	0	60	0

Elective Courses

		instruction	practice	semester hours
PUH 5002	Health Promotion and Disease Prevention	45	0	3
PUH 5003	Public Health Seminar	30	15	3
PUH 5004	Public Health Grant Writing	45	0	3
PUH 5014	Principles and Practice of Clinical Trials	45	0	3
PUH 5050	Substance Abuse Prevention and Intervention	45	0	3
PUH 5110	Culture, Ethnicity, and Health	45	0	3
PUH 5111	Public Health Issues of the Elderly	45	0	3
PUH 5112	All-Hazards Preparedness	45	0	3
PUH 5115	Principles of Health Education	45	0	3
PUH 5201	Foundations of Public Health	45	0	3
PUH 5210	Public Health Communications	15	60	3
PUH 5305	Advanced Biostatistics	45	0	3
PUH 5311	Public Health Genomics	45	0	3
PUH 5313	Vaccines and Vaccine-Preventable Diseases	45	0	3
PUH 5314	Global Health	45	0	3
PUH 5420	Epidemiology of Diseases of Major Public Health Importance	45	0	3
PUH 5431	Community Health Assessment	45	0	3

Elective Courses

		instruction	practice	semester hours
PUH 5500	School Health	45	0	3
PUH 5502	Children's Health	45	0	3
PUH 5503	Women's Health	45	0	3
PUH 5504	Public Health Issues in Child Protection	45	0	3
PUH 5510	Maternal and Child Health	45	0	3
PUH 5513	Public Health Nutrition	45	0	3
PUH 5516	Public Health Informatics	45	0	3
PUH 5802	Epidemiologic Surveillance and Outbreak Investigation	30	30	3
PUH 6008	Public Health Advocacy	45	0	3
PUH 6016	Survey Methods in Public Health	15	60	3
PUH 6017	Special Studies in Public Health	0	90	3
PUH 6022	Community Health Project	0	90	3
PUH 6025	Interprofessional Leadership	45	0	3
PUH 6101	Health Care Organization and Administration	45	0	3
PUH 6104	Health Service Planning and Evaluation	45	0	3
PUH 6120	Public Health Program Planning and Evaluation	45	0	3
PUH 6201	Tropical Diseases	45	0	3
PUH 6521	Budgeting and Accounting for Health Care Organizations	45	0	3
PUH 6522	Strategic Marketing for Health Care Organizations	45	0	3
PUH 6523	Strategic Leadership in Management of Human Resources	45	0	3
PUH 6605	Grant Proposal Writing Practicum	15	60	3
PUH 6606	Introduction to SAS	15	60	3
PUH 6608	Public Health Research	0	90	3

Public Health Admissions Requirements

The M.P.H. Program evaluates the overall quality of applicants, including academic achievement, personal motivation, knowledge about the public health profession, health care and life experiences, and recommendations. Criteria for admission to the M.P.H. degree program are as follows:

- The applicant must hold a bachelor's, master's, or doctoral degree from a regionally accredited college or university.
- A cumulative grade point average (GPA) of 3.0 or above, on a 4.0 scale, is preferred.
- Public health- or health care-related experience is desirable, but not required.

If the applicant does not hold a health-related graduate or professional degree, he or she must supply evidence of having taken the GRE, PCAT, OAT, AHPAT, MCAT, DAT, GMAT, or LSAT. Applicants' scores from these standardized tests must be no more than five years old.

Applicants with health-related graduate or professional degrees may be required to submit official test scores upon evaluation of their applications.

- Applicants enrolled in another area of study within Nova Southeastern University must be in good academic standing, must provide a letter of recommendation from the dean or program director of the other college or program, and must meet the M.P.H. admission requirements.
- All application materials must be received in a timely manner to enable the Office of Admissions and the admissions committee to process the application promptly.



Public Health Application Procedures

The M.P.H. Program processes applications on a year-round basis. Applicants may apply for matriculation into any one of three semesters (fall, winter, or summer), and may contact the Office of Admissions at (954) 262-1101 or 877-640-0218, or access the M.P.H. program website (nova.edu/ph), for exact deadline and start dates. All application materials should be sent to

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

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

Applicants must provide the following:

1. a completed application, along with a \$50, nonrefundable application fee (online application at nova.edu/ph/admissions/procedures.html)
2. official transcripts of all coursework attempted by the applicant at all colleges and universities

It is the responsibility of the applicant to ensure that arrangements are made for all transcripts to be sent. A final transcript of all the applicant's work up to the time of matriculation must be forwarded to the Office of Admissions prior to matriculation.

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, New York 10274-5087

[212] 966-6311 • wes.org



Josef Silny & Associates, Inc.

7101 SW 102nd Avenue
Miami, Florida 33173

[305] 273-1616 • [305] 273-1338 fax
info@jsilny.com • jsilny.com

Educational Credential Evaluators, Inc.

P.O. Box 514070
Milwaukee, Wisconsin 53203-3470

[414] 289-3400 • ece.org

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

3. official score of the GRE, PCAT, OAT, AHPAT, MCAT, DAT, GMAT, or LSAT standardized tests taken by the applicant (if the applicant does not hold a health-related graduate or professional degree)

The applicant's scores must be no more than five years old. Applicants with a health-related graduate or professional degree may be required to submit official test scores upon evaluation of their application.

Public Health Application Procedures (cont.)

4. official scores from the Test of English as a Foreign Language (TOEFL) or International English Language Test System (IELTS), if applicable

Any applicant who has graduated from a college or university in another country where English is not the primary language, regardless of United States residency status, must obtain a minimum score of 550 on the written, 213 on the computerized, or 79–80 on the Internet-based TOEFL or a score of 6.0 on the IELTS. An official set of scores must be sent directly from the testing service to NSU's EPS.

5. two letters of recommendation—one from a health professional and one from an individual (other than a relative) such as an academic adviser, professor, coworker, or supervisor who is familiar with the applicant's character, scholastic aptitude, and work ethic

Upon receipt of the completed application and required materials, the Committee on Admissions will review the application and make recommendations to the program director. The committee may request a phone interview to gather additional information before a recommendation is submitted. The director submits recommendations on admission to the dean. The final decision on admission is made by the dean of the NSU College of Osteopathic Medicine.

Public Health Transfer of Credits

Applicants or matriculated students of the NSU-COM M.P.H. Program may petition for transfer of a maximum of 12 semester hours of elective or core courses toward their M.P.H. degree from a regionally accredited graduate program. Any core courses to be transferred must have been taken at a program, school, or college accredited by the Council on Education for Public Health (CEPH).

While enrolled in the M.P.H. Program, any courses taken at another academic program or institution that the student desires to transfer credit to the NSU-COM M.P.H. degree program from, must have prior approval by the program director.

All courses considered for transfer into the program must have been successfully completed with a grade of *B* or better and must not have been applied to another awarded degree. Transfer course grades are not calculated toward the student's grade point average.

The applicant must submit a written request to the program director, along with the appropriate verification of documents (e.g., official transcripts, syllabi, and catalogs). The Curriculum Committee will review the documents provided for all applications for transfer of credits and will submit recommendations to the program director, who makes the final decision. The program does not give course credits for prior work experience.

Public Health Nondegree-Seeking Students

A nondegree-seeking student is one who wishes to take courses in the graduate-level public health program up to a limit of 12 credit hours, but does not intend to pursue the M.P.H. degree. The nondegree-seeking student must provide the following admission requirements in order to take classes in the M.P.H. Program.

- completed application form
- official transcripts
- nonrefundable application fee of \$50
- one letter of recommendation (academic)

Undergraduate students must have a minimum cumulative GPA of 3.0, with at least 90 semester hours of coursework (30 of which are upper-level courses), with an official transcript showing this coursework.

An application for nondegree status by a student holding a bachelor's degree or higher will be considered by the admissions committee, after a review of the required records.

If, after taking classes in the Master of Public Health program, a nondegree-seeking student decides to pursue the M.P.H. degree, the student must submit a new and complete application to the program to become a degree-seeking student and must meet all the requirements for admission to the M.P.H. program. Previous coursework taken as a nondegree-seeking student does not guarantee acceptance into the M.P.H. degree-seeking program. Graduate students from other NSU programs who elect to take public health courses may do so with written approval of the public health program director.

The university reserves the right to modify any requirements on an individual basis as deemed necessary by the dean of the College of Osteopathic Medicine.



The college reserves the right to require the student's withdrawal any time the college deems it necessary to safeguard its standards of scholarship, conduct, and compliance with the regulations, or for such other reasons as deemed appropriate. The student, by his or her act of matriculation, concedes the college this right.

Public Health Graduate Certificates

Graduate Certificate in Public Health

The Graduate Certificate in Public Health is designed to enable students to acquire the core knowledge that applies to the fundamental principles and practice of public health. This competency-based program consists of 15 credit hours of core graduate-level public health courses presented using online technology. Each course must be successfully completed with a grade of *B* or better to be eligible for the certificate. The certificate will be presented to students after all curriculum requirements are successfully met and a capstone session is successfully completed. If, after taking classes in the M.P.H. program, a certificate-seeking student decides to pursue the M.P.H. degree, the student must submit a new and complete application to the program to become a degree-seeking student, and must meet all the requirements for admission to the M.P.H. degree program. Previous coursework taken as a nondegree-seeking student does not guarantee acceptance into the M.P.H. degree-seeking program, but may be transferable if performance equals or exceeds the grade of *B* in each course.

Curriculum (15 credits)

Epidemiology	3 credit hours
Biostatistics	3 credit hours
Environmental and Occupational Health	3 credit hours
Health Policy, Planning, and Management	3 credit hours
Social and Behavioral Sciences Applied to Health	3 credit hours

Graduate Certificate in Health Education

The Graduate Certificate in Health Education is designed to enable the student to learn the fundamental principles, concepts, and skills applied to health education, health promotion, and disease prevention at the graduate level. This competency-based graduate certificate program consists of 15 credit hours of graduate-level public health courses presented using online technology. The competencies defined in this program are selected from competencies of the National Commission for Health Education Credentials (NCHEC) and are defined in the course syllabi. Each course must be successfully completed with a grade of *B* or better to be eligible for the certificate. The certificate will be presented to the student after all program requirements are successfully met and a capstone session is successfully completed. A student who wishes to pursue the Certified Health Education Specialists National Certification (CHES) may take 10 additional credit hours of recommended course-work to meet the 25 credit hours and additional competencies required to be eligible for the national certification examination.

Curriculum (15 credits)

Principles of Health Education	3 credit hours
Health Promotion and Disease Prevention	3 credit hours
Public Health Program Planning and Evaluation	3 credit hours
Public Health Communication	3 credit hours
Research Methods in Public Health	3 credit hours

Public Health Tuition, Fees, Expenses, and Financial Aid

Graduate Certificate Admissions Requirements

- bachelor's degree or higher from a regionally accredited college or university
- official transcripts
- completed application form (nova.edu/ph)
- nonrefundable application fee of \$50
- one letter of recommendation (professional)
- undergrad GPA of 3.0 or above on a 4.0 scale (preferred)

Applicants may apply for matriculation into any one of three semesters (fall, winter, or summer). Deadlines for applying are July 1 for the fall semester, November 1 for the winter semester, and April 1 for the summer semester.

The admissions committee of the NSU-COM M.P.H. Program will review all applications to this program and make recommendations to the program director and, subsequently, the dean of the college.



Tuition and Fees

Tuition for the M.P.H. Degree Program for 2018–2019 will be posted on our website (nova.edu/ph). A Health Professions Division general access fee of \$145 is required each year. An NSU student services fee of \$1,350 is also required annually. All tuition and fees are subject to change by the board of trustees without notice.

Tuition for the Public Health Graduate Certificate Programs for 2018–2019 will be posted on our website (nova.edu/ph). Corporate or institutional cluster students may receive a tuition discount. An NSU student services fee of \$1,350 is required annually. All tuition and fees are subject to change by the board of trustees without notice.

Expenses and Financial Aid

Students pursuing the M.P.H. degree should anticipate spending approximately \$3,100 per year for books and supplies, as well as \$17,647 (on campus) and \$22,212 (off campus) per year for living expenses.

The Office of Student Financial Assistance at Nova Southeastern University is there to help as many qualified students as possible to complete their educational pursuit. Various loans, scholarships, and grants are available to qualified students to help ease the high cost of education. These financial assistance programs are described on our website (nova.edu/financialaid).

Biomedical Informatics Program Information

Nova Southeastern University (NSU) College of Osteopathic Medicine, in collaboration with the NSU College of Engineering and Computing, offers a program leading to the degree of Master of Science in Biomedical Informatics (M.S.) or graduate certificates in either Medical Informatics or Public Health Informatics. These programs train future leaders in the development, dissemination, and evaluation of information technology as it relates to the health care environment, which includes hospitals, health care delivery systems, health information technology system vendors, ehealth companies, insurers, pharmaceutical companies, and academic institutions. These innovative distance programs use both online and on-site formats to enable working professionals to earn a master's degree in biomedical informatics or graduate certificates in medical informatics or public health informatics without career disruption. These programs are offered via Nova Southeastern University's state-of-the-art, web-based, distance-learning technology.

The current health care system is facing uncontrolled health care costs, compromised patient safety, and a lack of utilization of information technology applications that have the potential to improve the situation. The integrative discipline of biomedical informatics arises from the synergistic application of computational, informational, cognitive, organizational, and other sciences whose primary focus is the acquisition, storage, and use of information in the health/biomedical domain.

Electronic Campus

The Biomedical Informatics Program is a participant of the Electronic Campus program of the Southern Regional Education Board (SREB). The SREB certifies that the online programs and courses it approves for this program are in full compliance with its comprehensive set of Principles of Good Practice.



The Biomedical Informatics Program at NSU is a partner of the American Medical Informatics Association's 10x10 program. Visit amia.org/education/10x10-courses for more information.

Biomedical Informatics Exit Opportunities

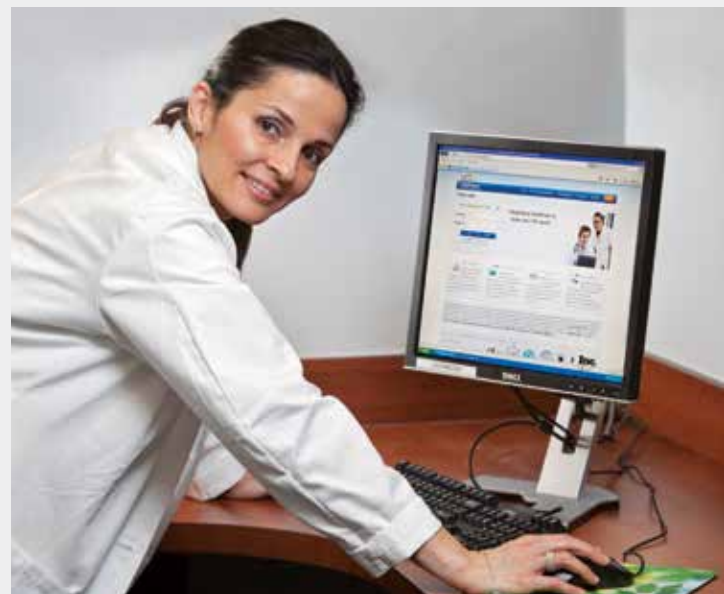
People who have a degrees or certificates in biomedical informatics have a great variety of career opportunities. The type of informatics job that an individual can perform is, to some extent, dependent on his or her background. People with health care backgrounds (e.g., medicine or nursing) are more likely to use their informatics expertise in roles such as a chief medical officer or a nursing information officer. People who do not have health care backgrounds are more likely to work in the variety of other jobs that are widely available.

People with biomedical informatics backgrounds may become

- chief medical information officers [CMIOS]
- chief medical officers [CMOS]
- chief information officers [CIOS]
- directors of medical informatics
- chief nursing information officers [CNIOS]
- project managers
- implementation specialists
- project designers
- researchers
- programmers
- clinical systems analysts
- health information technology (HIT) educators and trainers
- HIT consultants
- template writers
- nursing informatics specialists
- account representatives

They can work in

- hospitals and health systems
- community health centers
- physician practices and clinics
- health care agencies within federal and state governments
- health information technology system vendors
- ehealth companies
- health insurance companies
- pharmaceutical companies
- academic institutions
- consulting services



Please visit our website at nova.edu/msbi for more information.

Master of Science in Biomedical Informatics Curriculum

Students are required to complete 43 credit hours for the M.S. degree.

Required Courses—31 Credit Hours Required

COURSE #	COURSE TITLE	CREDIT HOURS
MI 5120	Management Information Systems in Health Care	3
MI 5121	Information Systems Project Management in Health Care.....	3
MI 5130	Database Systems in Health Care	3
MI 5152	Information Security in Health Care.....	3
MI 5160	System Analysis and Design for Health Care.....	3
MI 5200	Survey of Medical Informatics	3
MI 5204	Clinical Decision Support Systems	3
MI 5205	Program Evaluation in Health Information Technology.....	3
MI 5401	Managing Organizational Behavior for Medical Informatics.....	3
MI 7000	Health Informatics Practicum.....	4
Subtotal	31

Additional Required Courses

These courses will be required for students who do not have sufficient health care background or computer science knowledge.

COURSE #	COURSE TITLE	CREDIT HOURS
MI 4201	Medical Terminology.....	3
MI 4202	Health Care Organization and Administration.....	3
MI 4204	Foundations of Software in Health Care.....	3

Electives—12 Credit Hours Required

Students may take any of the following electives toward degree completion.

COURSE #	COURSE TITLE	CREDIT HOURS
MI 5153	Telecommunications and Computer Networking in Health Care.....	3

MI 5180	Human-Computer Interaction in Health Care Settings	3
MI 6401	Biostatistics.....	3
MI 6403	Epidemiology	3
MI 6404	Special Topics in Health Informatics.....	3
MI 6405	Public Health Informatics.....	3
MI 6407	Grant Writing.....	3
MI 6408	Health Policy, Planning, and Management.....	3
MI 6409	Health Services Planning and Evaluation.....	3
MI 6410	Consumer Health Informatics.....	3
MI 6411	Health Information Technology Acquisition and Assessment	3
MI 6412	Leadership in Health Information Technology.....	3
MI 6413	Lean Six Sigma Yellow Belt for Health Care	3
MI 6414	Basic Skills for Clinical Analysts.....	3
MI 6415	Information Technologies in Medicine and Telehealth.....	3
MI 6416	Lean Six Sigma Green Belt for Health Care	3
MI 6417	Meaningful Use of Electronic Health Record Systems—A NextGen Approach	3
MI 6418	App Development for Health Information Technology Projects.....	3
MI 6420	Medical Image Processing and Analysis.....	3
MI 6421	Geographical Information Systems: Fundamentals for Health Care	3
MI 6422	Workflows and Process Improvement in Health Care Settings.....	3
MI 6423	Maximizing Talents in the Health Technology Workforce.....	3
MI 6424	Introduction to Health Analytics and Data Visualization	3
Total.....	43

Master of Science in Biomedical Informatics Admissions Requirements

The Master of Science in Biomedical Informatics Program evaluates the overall quality of its applicants, including academic achievement, personal motivation, knowledge about health care, life experience, and recommendations. Priority will be given to individuals holding a degree in the health professions or computer information sciences. Criteria for admissions are as follows:

- bachelor's, master's, or doctoral degree from a regionally accredited college or university
- cumulative grade point average of 3.0 or above on a 4.0 scale [preferred]
- health professions degree (desirable, but not required)
- demonstrated background in biomedical sciences by credentials or work experience
- demonstrated competency in the use of computers by credentials or work experience
- demonstrated ability to clearly express oneself in writing

Applicants without prior health care or computer science degrees/experience are encouraged to email the program's admissions counselor at msbi@nova.edu or call 800-356-0026, ext. 21032, for more information on additional required courses.



The Biomedical Informatics Program at NSU is a member of the American Medical Informatics Association's Academic Forum.

Visit amia.org/programs/academic-forum for more information.



The Biomedical Informatics Program at NSU is a member of the Health Information Management Systems Society's Academic Organizational Affiliate Program.

Visit himss.org/membership/organizational-affiliate/academic for more information.

Master of Science in Biomedical Informatics

Application Procedures

The Office of Admissions processes applications on a year-round basis. Applicants may apply for matriculation into any one of the three semesters (fall, winter, summer).

All application materials should be sent to

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

Transcripts can be sent electronically from the originating college/university to the following address:

electronictranscripts@nova.edu.

All of the following must be completed and submitted for an application to be considered by the Committee on Admissions.

1. a completed application, along with \$50, nonrefundable application fee (online applications available at ***nova.edu/msbi***)
2. official transcripts of all coursework attempted by the applicant at all colleges and universities

It is the responsibility of the applicant to ensure that arrangements are made for all transcripts to be sent. A final transcript of all of the applicant's work up to the time of matriculation must be forwarded to the Office of Admissions prior to matriculation.

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 on this page. Other agencies that can complete this evaluation can be found at ***nova.edu/internationalstudents/prospective/credentialeducation.html***.

World Education Services, Inc.

Bowling Green Station
P.O. Box 5087
New York, New York 10274-5087
[212] 966-6311 • *wes.org*

Josef Silny and Associates, Inc.

7101 SW 102nd Avenue
Miami, Florida 33173
[305] 273-1616 • [305] 273-1338 (fax)
info@silny.com • jsilny.com

Educational Credential Evaluators, Inc.

P.O. Box 514070
Milwaukee, Wisconsin 53203-3470
[414] 289-3400 • *ece.org*

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

3. one recommendation from supervisors or coworkers who are familiar with the applicant's character, scholastic aptitude, and work ethic (recommendation should be requested electronically through the application system)

Applicants whose native language is not English are required to demonstrate English proficiency. The standardized tests listed below currently satisfy the university's English requirement for nonnative English speakers.

- Test of English as a Foreign Language (TOEFL): score of 213 on the computer-based test or 79–80 on the Internet-based test
- International English Language Testing System (IELTS): score of 6.0 on the test module
- GMAT: score of 450

- GRE: score of 1,000 (old format) or 306 (new format)
- Scholastic Assessment Test (SAT): score of at least 500 in the reading section
- American College Test (ACT): score of at least 20 on the verbal section

Test results must be sent directly from the testing agency to the center where you applied. Proof of English language competency can also be in the form of successful completion of a degree at an approved U.S. institution of higher education.

The program may require additional documentation to support the application. All application material must be received in a timely manner to enable the Office of Admissions and the admissions committee to process the application promptly. Upon review, you will be contacted by the program director.

Should you have any questions, please email msbi@nova.edu or call 800-356-0026, ext. 21032.

Please visit our website at nova.edu/msbi for detailed application procedures.

Biomedical Informatics Nondegree-Seeking Students

A nondegree-seeking student is one who wishes to take courses in the Biomedical Informatics Program, but does not intend to pursue the master's degree or a graduate certificate at the time of application. The nondegree-seeking student must provide the following admissions requirements in order to take classes in the program:

- completed online application form
- nonrefundable application fee of \$50
- official transcripts of all undergraduate, graduate, and professional education

Nondegree-seeking students are not guaranteed future acceptance into the Master of Science in Biomedical Informatics Program or Graduate Certificate in Medical Informatics or Public Health Informatics Programs. If, after taking classes in the program as a nondegree-seeking student, the student wishes to become a degree-seeking or certificate-seeking student, he or she must apply to the master's degree program as a new student and meet all the requirements for admission. If accepted into the degree program, credits for courses with the prefix MI taken as a nondegree-seeking student will be automatically applied toward the degree.



Graduate Certificate in Public Health Informatics

The Graduate Certificate in Public Health Informatics (PHI) is designed to enable students to acquire the core knowledge that applies to the fundamentals, principles, and practice of public health informatics. This certificate option consists of 18 credit hours of graduate-level courses, offered both on-site and online, using NSU's state-of-the-art online learning technology.

If, after taking courses in the certificate program, a certificate-seeking student decides to pursue the Master of Science in Biomedical Informatics (M.S.) degree, the student must submit a new and complete application to become a degree-seeking student and must meet all requirements for admis-

sion to the M.S. in Biomedical Informatics degree program. Previous coursework taken as a certificate-seeking student does not guarantee acceptance into the Master of Science in Biomedical Informatics degree-seeking program. If accepted into the degree program, credits with the prefix MI taken as a certificate-seeking student will be automatically applied toward the degree.

For more information, please visit our website (nova.edu/msbi).



Public Health Informatics Certificate Curriculum

18 credit hours are required to complete the certificate.

Students must successfully complete the following courses:

COURSE #	COURSE TITLE	CREDIT HOURS
MI 5200	Survey of Medical Informatics.....	3
MI 5204	Clinical Decision Support Systems.....	3
MI 6405	Public Health Informatics	3
MI 5120	Management Information Systems in Health Care	3

Students must also successfully complete any two of the following courses:

COURSE #	COURSE TITLE	CREDIT HOURS
MI 5121	Information Systems Project Management in Health Care	3
MI 5130	Database Systems in Health Care.....	3
MI 5152	Information Security in Health Care.....	3
MI 5153	Telecommunications and Computer Networking in Health Care.....	3
MI 5160	Systems Analysis and Design for Health Care	3
MI 5180	Human-Computer Interaction in Health Care Settings.....	3
MI 5205	Program Evaluations in Health Information Technology.....	3
MI 5401	Managing Organizational Behavior for Medical Informatics.....	3
MI 6407	Grant Writing	3
MI 6410	Consumer Health Informatics	3
MI 6411	Health Information Technology Acquisition and Assessment.....	3
MI 6412	Leadership in Health Information Technology.....	3
MI 6413	Lean Six Sigma Yellow Belt for Health Care.....	3
MI 6414	Basic Skills for Clinical Analysts	3
MI 6415	Information Technologies in Medicine and Telehealth.....	3
MI 6416	Lean Six Sigma Green Belt for Health Care	3
MI 6417	Meaningful Use of Electronic Health Record Systems—A NextGen Approach.....	3
MI 6418	App Development for Health Information Technology Projects.....	3
MI 6420	Medical Image Processing and Analysis	3
MI 6421	Geographical Information Systems: Fundamentals for Health Care	3
MI 6422	Workflows and Process Improvement in Health Care Settings	3
MI 6423	Maximizing Talents in Health Technology Workforce	3
MI 6424	Introduction to Health Care Analytics and Data Visualization.....	3

Graduate Certificate in Medical Informatics

The Graduate Certificate in Medical Informatics is designed to enable students to acquire the core knowledge that applies to the fundamentals, principles, and practice of medical informatics. This certificate option consists of 18 credit hours of graduate-level courses.

If, after taking courses in the certificate program, a certificate-seeking student decides to pursue the Master of Science in Biomedical Informatics (M.S.) degree, the student must submit a new and complete application to become a degree-seeking student and must meet all

requirements for admission to the M.S. in Biomedical Informatics program. Previous coursework taken as a certificate-seeking student does not guarantee acceptance into the Master of Science in Biomedical Informatics degree-seeking program. If accepted into the degree program, credits with the prefix MI taken as a certificate-seeking student will be automatically applied toward the degree.

For more information, please visit our website (nova.edu/msbi).



Medical Informatics Certificate Curriculum

18 credit hours are required to complete the certificate.

Students must successfully complete the following courses:

COURSE #	COURSE TITLE	CREDIT HOURS
MI 5200	Survey of Medical Informatics.....	3
MI 5204	Clinical Decision Support Systems.....	3
MI 5120	Management Information Systems in Health Care	3
MI 5130	Database Systems in Health Care.....	3

Students must also successfully complete any two of the following courses:

COURSE #	COURSE TITLE	CREDIT HOURS
MI 5121	Information Systems Project Management in Health Care	3
MI 5152	Information Security in Health Care.....	3
MI 5153	Telecommunications and Computer Networking in Health Care.....	3
MI 5160	Systems Analysis and Design for Health Care	3
MI 5180	Human-Computer Interaction in Health Care Settings.....	3
MI 5205	Program Evaluations in Health Information Technology.....	3
MI 5401	Managing Organizational Behavior for Medical Informatics.....	3
MI 6405	Public Health Informatics	3
MI 6407	Grant Writing	3
MI 6410	Consumer Health Informatics	3
MI 6411	Health Information Technology Acquisition and Assessment.....	3
MI 6412	Leadership in Health Information Technology.....	3
MI 6413	Lean Six Sigma Yellow Belt for Health Care.....	3
MI 6414	Basic Skills for Clinical Analysts.....	3
MI 6415	Information Technologies in Medicine and Telehealth.....	3
MI 6416	Lean Six Sigma Green Belt for Health Care	3
MI 6417	Meaningful Use of Electronic Health Record Systems—A NextGen Approach.....	3
MI 6418	App Development for Health Information Technology Projects.....	3
MI 6420	Medical Image Processing and Analysis	3
MI 6421	Geographical Information Systems: Fundamentals for Health Care	3
MI 6422	Workflows and Process Improvement in Health Care Settings	3
MI 6423	Maximizing Talents in Health Technology Workforce	3
MI 6424	Introduction to Health Care Analytics and Data Visualization.....	3

Information about occupations related to these certificate programs, program costs, and length of the programs can be found at medicine.nova.edu/msbi/publichealth.html and medicine.nova.edu/msbi/medicalinformatics.html.

The Biomedical Informatics Program also offers an M.S.N. degree with a concentration in nursing informatics.

Information on that program can be found by visiting the website (medicine.nova.edu/msbi/nursinginformatics.html).

Biomedical Informatics Graduate Certificate Admissions Requirements

Applicants must submit

1. a completed online application, along with a nonrefundable application fee of \$50, to nova.edu/info-apply/osteopathic-medicine.html [online applications available at nova.edu/msbi]
2. official transcripts of all undergraduate, graduate, and professional education [The applicant must have a bachelor's, master's, or doctoral degree from a regionally accredited college or university.]

Coursework taken at foreign institutions must be evaluated for U.S. institution equivalence by an approved National Association of Credential Evaluation Services (NACES) organization. Agencies that can complete this evaluation can be found at nova.edu/internationalstudents/prospective/credentialservices.html.

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

Applicants whose native language is not English are required to demonstrate English proficiency. The standardized tests listed below currently satisfy the university's English requirement for nonnative English speakers.

- Test of English as a Foreign Language (TOEFL): score of 213 on the computer-based test or 79–80 on the Internet-based test
- International English Language Testing System (IELTS): score of 6.0 on the test module
- GMAT: score of 450
- Scholastic Assessment Test (SAT): score of at least 500 in the reading section
- American College Test (ACT): score of at least 20 on the verbal section

Test results must be sent directly from the testing agency to the center you applied. Proof of English language competency can also be in the form of successful completion of a degree at an approved U.S. institution of higher education.

Applicants may apply for matriculation into any one of three semesters (fall, winter, or summer). Application deadlines can be found online at <http://osteopathic.nova.edu/msbi/application-deadlines.html>.

The Committee on Admissions for the NSU-COM Biomedical Informatics Program will review all applications to this program and make recommendations to the program director and, subsequently, the dean of the college.



Biomedical Informatics Tuition and Fees

Biomedical Informatics Program

Tuition for 2018–2019 will be posted on our website (nova.edu/msbi). A Health Professions Division general access fee of \$145 is required each year. An NSU student services fee of \$1,350 is also required annually for degree- and nondegree-seeking students. All tuition and fees are subject to change by the board of trustees without notice.

Informatics Certificates

Tuition for 2018–2019 will be posted on our website (nova.edu/msbi). A Health Professions Division general access fee of \$145 is required each year. An NSU student services fee of \$1,350 is also required annually for degree- and nondegree-seeking students. All tuition and fees are subject to change by the board of trustees without notice.



Disaster and Emergency Management Program Information



As society continues to expand, individuals are faced with new and unknown threats, and more people are living in areas prone to disaster [such as floodplains or along fault lines], putting more of the world's population at risk. According to scientists, natural disasters are predicted to increase not only in number, but in severity. This complexity, frequency, and severity of both man-made and natural disasters makes the job of the emergency manager not

only more difficult, but also more important. The need for professionals who can manage these large and complex incidents has become more important than ever before and companies and governments looking to mitigate and reduce the costs and damages to humanity, the environment, and property are actively seeking qualified individuals in this area.

Disaster and Emergency Management Exit Opportunities

The interprofessional program trains future leaders in the field of emergency management and is designed to provide students with the theoretical knowledge and applied skills needed to work in this rapidly growing field. Graduates will develop skills in leadership and management, as well as disaster and emergency management. This will enable them to build a core understanding of critical issues in the field, preparing them for both government and private sectors at the local and global levels. The program content, offered in an online format, will enable working professionals to earn their degrees while continuing to work. The program of study will include an on-site meeting or online orientation at the beginning of

Disaster and Emergency Management Course of Study

The Master of Science in Disaster and Emergency Management (M.S. DEM) is a 36-credit hour degree program delivered in an online format. The program consists of five core courses (15 credit hours) and seven elective courses (the remaining 21 credit hours). The core curriculum consists of three courses required by every student in the program of study. One additional core course must be taken in the area of management, and one core course is taken from a selection of courses related to threats and hazards.

Students who choose to focus in one of the six concentration areas will take four of their electives (12 credit hours) from that area of concentration and their remaining electives (9 credit hours) from any of the remaining courses in the program. Students who would prefer a more generalized curriculum may take courses from the general electives or any of the concentrations.

the students' enrollment. An additional on-site meeting will be coordinated near the program's conclusion to allow students to present their selected concentration practicum project and have it evaluated. [These requirements may be adapted based on an applicant's circumstances.]

The degree will allow students from a variety of disciplines to specialize in one of several concentrations, which is why a community research practicum at the local, state, federal, or international level will be a key component of the program. **The six degree concentrations offered are maritime safety and security, cybersecurity, criminal justice, public health, fire administration, and environmental hazards.**

Students can also choose not to specialize.



Please visit our website at
osteopathic.nova.edu/msdem for more information.

Disaster and Emergency Management Curriculum

Curriculum [36 Credit Hours]

Core [15 Credit Hours]

Required Courses—9 Credit Hours

COURSE #	COURSE TITLE	CREDIT HOURS
DEM 5001	Biostatistics	3
DEM 5050	Introduction to Disaster and Emergency Preparedness.....	3
DEM 6010	Practicum in Selected Concentration	3

Management and Leadership Cluster—3 Credit Hours (choose one course)

COURSE #	COURSE TITLE	CREDIT HOURS
DEM 5010	Leadership and Organizational Behavior for Emergency Preparedness.....	3
DEM 5020	Preparedness, Planning, Mitigation, and Continuity Management.....	3
DEM 5030	Executive Leadership and Administration.....	3
DEM 5040	Security Management in a Global Society	3

Threats, Hazards, and Impacts Cluster—3 Credit Hours (choose one course)

COURSE #	COURSE TITLE	CREDIT HOURS
DEM 5060	Environmental Hazards in Emergency Preparedness.....	3
DEM 5070	Risk Assessment and Mitigation.....	3
DEM 5080	Agroterrorism and Food System Disasters	3
DEM 5090	Weapons of Mass Threat and Communicable Diseases.....	3

Electives [21 Credit Hours]

General Electives

COURSE #	COURSE TITLE	CREDIT HOURS
DEM 6110	Community and Vulnerability Assessment.....	3
DEM 6120	Psychosocial Dimensions of Disaster	3
DEM 6130	Risk and Crisis Communications	3
DEM 6150	Grant Writing for Emergency Preparedness	3
DEM 6160	Leadership Topics in Disaster and Emergency Preparedness	3
DEM 6170	Elective Practicum.....	3
DEM 6180	Exercise Design.....	3

Maritime Safety Concentration Electives—12 Credit Hours (required for a concentration)

COURSE #	COURSE TITLE	CREDIT HOURS
DEM 6210	Introduction to Maritime Safety	3
DEM 6220	Maritime Safety and Security Leadership	3
DEM 6230	Maritime Safety for the Cruise and Yachting Industries.....	3
DEM 6240	Concepts in Shipboard Safety Management.....	3
DEM 6250	History of Maritime Disasters.....	3
DEM 6260	Maritime Environmental Responsibilities.....	3

Electives (21 Credit Hours) (continued)

Cybersecurity Concentration Electives—12 Credit Hours (required for a concentration)

COURSE #	COURSE TITLE	CREDIT HOURS
DEM 6310	Introduction to Cybersecurity.....	3
DEM 6320	Information and Security Protection	3
DEM 6330	Cybersecurity and the Constitution.....	3
DEM 6340	Cyber Vulnerability.....	3
DEM 6350	Data Mining	3

Criminal Justice Concentration Electives—12 Credit Hours (required for a concentration)

COURSE #	COURSE TITLE	CREDIT HOURS
DEM 6423	Interagency Disaster Communication	3
DEM 6424	Community Disaster Preparedness.....	3
DEM 6404	Community Planning, Response, and Recovery for Families and Children	3
DEM 6410	Emergency Preparedness Public Policy and Law	3
DEM 6440	Conflict Management in Times of Crisis	3

Public Health Concentration Electives—12 Credit Hours (required for a concentration)

COURSE #	COURSE TITLE	CREDIT HOURS
DEM 6500	Epidemiology of Disasters.....	3
PUH 5201	Foundations of Public Health	3
DEM 6510	Public Health Issues in Disaster and Emergency Preparedness	3
DEM 6520	Veterinary Challenges in Disasters.....	3
DEM 6141	Social Vulnerability: Implications in the Disaster Cycle.....	3

Environmental Hazards Concentration Electives—12 Credit hours (required for a concentration)

COURSE #	COURSE TITLE	CREDIT HOURS
DEM 5060	Environmental Hazards in Emergency Preparedness.....	3
DEM 5080	Agroterrorism and Food Systems Disasters	3
DEM 6260	Maritime Environmental Responsibilities.....	3
DEM 6710	Weather and Disaster and Emergency Preparedness.....	3
PUH 5220	Environmental and Occupational Health	3

Fire Administration Concentration Electives— 12 Credit Hours (required for a concentration)

COURSE #	COURSE TITLE	CREDIT HOURS
DEM 6610	Fire Service Operations.....	3
DEM 6423	Interagency Disaster Communications	3
DEM 6410	Emergency Preparedness Public Policy and Law	3
DEM 5030	Executive Leadership and Administration.....	3
DEM 6424	Community Disaster Preparedness.....	3
DEM 6440	Conflict Management in Times of Crisis	3

Disaster and Emergency Management Admissions Requirements

The Master of Science in Disaster and Emergency Management program evaluates the overall quality of its applicants, including academic achievement, life experience, recommendations, knowledge of the field of emergency management, and personal motivation.

The applicant must have

1. a bachelor's, master's, doctoral, or terminal professional degree from a regionally accredited college or university
2. a cumulative, overall grade point average (GPA) of 3.0 or above on a 4.0 scale from all institutions attended
3. the ability to express himself or herself in writing through a written statement submitted with the application
4. two letters of recommendation from college or university instructors, employers, work colleagues, etc.

Applicants whose native language is not English are required to demonstrate English proficiency. The standardized tests listed below currently satisfy the university's English requirement for nonnative English speakers.

- Test of English as a Foreign Language (TOEFL): score of 213 on the computer-based test or 79–80 on the Internet-based test
- International English Language Testing System (IELTS): score of 6.0 on the test module
- GMAT: score of 450
- GRE: score of 275
- Scholastic Assessment Test (SAT): score of at least 500 in the reading section
- American College Test (ACT): score of at least 20 on the verbal section



GRE or MAT scores are preferred from all applicants except those who currently have a terminal degree (e.g., Ph.D., D.M.D., D.V.M., J.D., or D.O.) or those who already hold a master's degree from a regionally accredited U.S. university or college. An applicant who does not have a terminal degree or master's degree, who chooses to apply, and is accepted, without taking the GRE or MAT, will be required to attain a grade of *B* or higher in his or her first 9 credit hours in order to continue in the program.



Disaster and Emergency Management Application Procedures

The M.S. in Disaster and Emergency Management (M.S. DEM) program accepts applications year-round. Applicants may apply for matriculation into any one of three semesters (fall, winter, or summer).

All application materials should be sent to

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

Transcripts can be sent electronically from the originating college/university to the following address:

electronictranscripts@nova.edu.

For an application to be considered by the admissions committee, applicants must submit

1. the online application found at ***osteopathic.nova.edu/msdem*** (Payment of a nonrefundable application fee of \$50 is required to complete your application.)
2. official transcripts of all coursework attempted by the applicant from all colleges and universities, including undergraduate, graduate, and professional education

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. Other agencies that can complete this evaluation can be found at ***nova.edu/internationalstudents/prospective/credentialservices.html***.

World Education Services, Inc.

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

[212] 966-6311 • *wes.org*

Josef Silny and Associates, Inc.

7101 SW 102nd Avenue
Miami, Florida 33173

[305] 273-1616 • [305] 273-1338 (fax)
info@silny.com • *jsilny.com*

Educational Credential Evaluators, Inc.

P.O. Box 514070
Milwaukee, Wisconsin 53203-3470
[414] 289-3400 • *ece.org*

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

3. evidence of GRE or MAT scores no more than seven years old, if applicable (see admissions requirements for this program)
4. two letters of recommendation from college or university instructors, employers, work colleagues, etc.
5. a written statement

Applicants whose native language is not English are required to demonstrate English proficiency, as noted in the admissions requirements. The program may require additional documentation to support the application. All application material must be received in a timely manner to enable the Office of Admissions and the admissions committee to process the application promptly. Upon review, applicants will be contacted by the program director. Please call 800-356-0026, ext. 21897, or visit our website at ***osteopathic.nova.edu/msdem*** for further information on the program.

Disaster and Emergency Management Nondegree-Seeking Students

A nondegree-seeking student is one who wishes to take courses in the M.S. in Disaster and Emergency Management (DEM) program, but does not wish to pursue the master's degree at the time of application. A limit of 15 credit hours will be allowed. The nondegree-seeking student must provide the following admissions requirements in order to take courses in the program:

- a completed online application form
- a nonrefundable application fee of \$50
- official transcripts of all undergraduate, graduate, and professional education

If, after taking courses in the M.S. in Disaster and Emergency Management program, a nondegree-seeking student chooses to pursue the degree, the student must submit a new and complete application to the program to become a degree-seeking student and must meet all requirements for admission into the degree program. Previous coursework as a nondegree-seeking student does not guarantee acceptance into the degree program. If accepted into the program as a degree-seeking student, previous coursework may be eligible for transfer toward the degree.

Master of Science in Disaster and Emergency Management Tuition and Fees

Tuition for 2018–2019 will be posted on our website (osteopathic.nova.edu/msdem). A Health Professions Division general access fee of \$145 is required each year. An NSU student services fee of \$1,350 is also required annually. All tuition and fees are subject to change by the board of trustees without notice.

Program discounts are available to full-time law enforcement officers, fire fighters, and emergency services personnel. Students currently enrolled full time in the NSU College of Osteopathic Medicine Doctor of Osteopathic Medicine degree program are also eligible for affiliation discounts. Please contact the program adviser for more information.



Master of Science in Medical Education

Program Information

Education is at a crossroads. Physicians and other health professionals are sought after to serve as educators in their respective professions. While they have strong recognition as experts in their clinical discipline, typically, they have little or no formal training in the educational process. Today's students no longer merely watch, listen, and memorize information. Those medical professionals who choose to teach in the health professions must be guided by new innovations and contemporary technology in order to better understand how people learn.

It is important for educators in the health care professions to facilitate the learning process. Graduates of health programs should learn to connect and integrate multiple forms of reasoning (critical and creative thinking) and types of knowledge (formal and case-based) in order to provide the best patient care. Faculty should be prepared to integrate formal knowledge and concepts fundamental to professional practice in a manner that is relevant to students and residents in a clinical context. To this end, the Nova Southeastern University College of Osteopathic Medicine (NSU-COM) has developed a Master of Science in Medical Education program. This 36-credit-hour, online degree program is designed to help clinical faculty members and community preceptors enhance their professional education and teaching skills as well as expand their ability to facilitate the learning process of students and residents in a variety of clinical teaching environments. The program is composed of 6-credit-hour courses and includes

- assessment and evaluation
- educational methodologies
- research
- technology in education
- learning styles

The rich, interprofessional platform of NSU's College of Osteopathic Medicine and Health Professions Division, provides for an excellent environment for this degree program, as it parallels the interprofessional delivery model of patient-care settings. The program incorporates the most recent educational technologies into a robust, six-course program. The program is designed to be completed in two years; however, students have a maximum of six years to complete it. Faculty members for the Master of Science in Medical Education program are recognized scholars and educators from NSU as well as other major universities. They are carefully selected on the basis of their subject expertise, teaching abilities, and professional involvement. Most importantly, they are united in their desire to educate and to motivate students to use what they learn in the program to inspire others.

Medical Education Exit Opportunities

Master of Science in Medical Education program graduates may serve in a variety of educational roles in both university and hospital settings. These include residency program directors, department chairs, assistant deans, associate deans, designated institutional officers, and directors of medical education. The program provides graduates with an educational framework to pursue academic leadership positions. It also strengthens credentials for academic promotion.

For more information, visit our website
(osteopathic.nova.edu/msme).

Medical Education Course of Study and Curriculum

Course of Study

The course of study was designed to develop professional educators with the knowledge and skills to lead in a dynamic and changing health care system. The program includes completion of the six required courses identified in the curriculum. Students are expected to demonstrate the application of content knowledge to their specific clinical profession and engage in robust dialogues with other health care professionals. To be eligible for the M.S. in Medical Education degree, students must satisfactorily complete the minimum 36 credit hours of coursework required, with a grade point average of 3.0 (B) or higher, within seven years of matriculation.

Curriculum

Required Courses

COURSE #	COURSE TITLE	CREDIT HOURS
MED 0600	Practicum in Teaching Medical and Other Health Professions Students in a Diverse Learning Environment.....	6
MED 0610	Practicum in Implications of the Domains of Human Development in Health Professions Students.....	6
MED 0620	Practicum in Technology Resources for Health Professions Education	6
MED 0630	Practicum in Effective Instruction Strategies in Health Professions Education.....	6
MED 0640	Practicum in Assessment and Measurement in Health Professions Education	6
MED 0650	Practicum in Research in the Health Professions Education	6



Medical Education Admissions Requirements

The Master of Science in Medical Education evaluates the overall quality of its applicants, looking at prior academic achievement, personal motivation, knowledge of health care,

and profession-related experience. Proof of a bachelor's degree from a regionally accredited college or university in a health care field, or equivalent, is required for admission.

Medical Education Application Procedures

The Office of Admissions processes applications on a year-round basis. Students are admitted to begin studies during the fall, winter, or summer semesters.

All admissions documentation must be sent to

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

Transcripts can be sent electronically from the originating college/university to the following address:

electronictranscripts@nova.edu.

To be considered for admissions, all applicants must provide the following:

- a completed online application (found at ***osteopathic.nova.edu/msme***), along with a \$50, nonrefundable application fee
- one letter of recommendation from a professional reference
- official transcripts of all coursework attempted by the applicant from all colleges and universities, including undergraduate, graduate, and professional education

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 on this page. Other agencies that can complete this evaluation can be found by going to the website

at ***nova.edu/internationalstudents/prospective/credentialservices.html***.

World Education Services, Inc.

Bowling Green Station
P.O. Box 5087
New York, New York 10274-5087
[212] 966-6311 • *wes.org*

Josef Silny and Associates, Inc.

7101 SW 102nd Avenue
Miami, Florida 33173
[305] 273-1616 • [305] 273-1338 (fax)
info@silny.com • *jsilny.com*

Educational Credential Evaluators, Inc.

P.O. Box 514070
Milwaukee, Wisconsin 53203-3470
[414] 289-3400 • *ece.org*

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

Upon receipt of the completed application and required material, the Committee on Admissions will review the applicant's file and make recommendations to the program director. The director submits recommendations for admission to the dean. The final decision on admission is made by the dean of the College of Osteopathic Medicine.

Medical Education Nondegree-Seeking Students

No transfer credits from coursework completed at another institution will be accepted in this program.

A nondegree-seeking student is one who wishes to take courses in the Master of Science in Medical Education program, but does not intend to pursue the master's degree. The nondegree-seeking student must provide the following admissions requirements in order to take classes in the degree program:

- a completed online application with a nonrefundable application fee of \$50
- official transcripts of all coursework attempted by the applicant from all colleges and universities, including undergraduate, graduate, and professional education

Nondegree-seeking students are not guaranteed future acceptance into the Master of Science in Medical Education Program. If, after taking classes in the program as a nondegree-seeking student, the student wishes to become degree seeking, the student must submit a new and complete application to the program to become a degree-seeking student and must meet all the requirements for admission to the Master of Science in Medical Education program. Previous coursework taken as a nondegree-seeking student does not guarantee acceptance into the Master of Science in Medical Education degree-seeking program. If accepted into the degree program, courses/credits that were taken as a nondegree-seeking student will be automatically applied toward the degree. Nondegree-seeking students can enroll in a maximum of three courses or 18 credit hours.

Medical Education Tuition and Fees

Tuition for 2018–2019 will be posted on our website (osteopathic.nova.edu/msme). A Health Professions Division general access fee of \$145 is required each year. An NSU student services fee of \$1,350 is also required annually. All tuition and fees are subject to change by the board of trustees without notice.



Master of Science in Nutrition Program Information

The College of Osteopathic Medicine offers an innovative Master of Science (M.S.) degree in Nutrition in response to the growing demand for nutrition professionals at a mastery level throughout the United States. Ongoing changes in the American health care system have increased demand for wellness and preventive services, which include nutrition, in almost all areas of practice. Nutrition assessment and nutrition intervention for chronic diseases are important components of the new health care reform mandates.

This 42-credit-hour, online degree program incorporates the latest technology and tools in distance learning through synchronous meetings and self-directed activities to maximize the student's experience in the courses. In addition, all students are required to spend time on campus at the beginning of the academic program of study and again at the end of the program to present their final projects and to participate in graduation ceremonies.

The rich, interprofessional platform of NSU's College of Osteopathic Medicine and Health Professions Division provides an excellent environment for this degree program. Nutrition is an essential part of medicine and health care delivery. Elective course offerings are open to students in osteopathic medicine, public health, biomedical informatics, and the other health professions. This is an important, interprofessional enhancement to any curriculum, given the increasing attention to nutrition in health care delivery, and is a critically important component in primary care. Given the growth worldwide in people over age 65, nutritionists also play a key role in senior health, helping people age in a positive way, preventing medical challenges, and managing chronic diseases.

For more information, visit our website
(osteopathic.nova.edu/ms-nutrition).

M.S. in Nutrition Exit Opportunities

This degree is intended to provide a strong educational foundation and better prepare nutritionists and dietitians to work in a variety of professional roles at the mastery level of practice. Some of the settings where our students find jobs include hospitals, long-term care facilities, physician offices/private clinics, outpatient care centers, schools and universities, home health companies, corporations, athletic training centers or gyms, health departments, food production centers and plants, health care insurance companies, and private consulting businesses. The job outlook for dietitians and nutritionists is better than the average for other health-related disciplines.

According to the U.S. Bureau of Labor Statistics (2017), employment in the nutrition field is expected to increase 16 percent during the next seven years. Job growth is primarily expected in the areas of wellness, prevention of disease with diet and foods, and greater integration of nutrition practice into primary care. Career outlooks incorporate a variety of specialties and settings.

M.S. in Nutrition Exit Opportunities (cont.)

Possible career options for graduates with this degree include

- research, health center, public health, or school nutritionist
- health/lifestyle coach or consultant
- college instructor
- corporate wellness educator
- employee health and wellness coordinator
- media and communications
- personal trainer/health and fitness instructor
- specialized clinical dietitian/nutritionist
- nutrition consultant over the life cycle
- private nutrition consultant
- nutrition entrepreneur
- culinary entrepreneur



The program will be a source of continuing graduate education for students from athletic training, exercise science, and physical education programs. Students in osteopathic medicine and public health may also select a minor in this program or may obtain a concurrent degree. The Master of Science in Nutrition provides an excellent interprofessional graduate degree for students in other health professions, such as medicine, dentistry, optometry, or pharmacy.

M.S. in Nutrition Course of Study

The Master of Science in Nutrition course of study is designed so that all students receive a 15-credit-hour core in the fundamentals of nutrition. All students are also required to complete a 6-credit-hour special project focused on an original individual or community-based research project. This involves the basic components of research and collecting data. Students proceed through a generalist program of study or can declare concentrations in sports nutrition, community nutrition, or functional nutrition and herbal therapy. Students are required to come to the NSU Fort Lauderdale/Davie Campus both to begin their studies—meeting with program advisers—and at the completion of the program of study—to present their final projects and meet with faculty members prior to graduation. The program was designed to further the education of those who want to integrate nutrition into other health professions and complement the academic preparation for those who wish to enter the field of nutrition and dietetics.

The M.S. in Nutrition was developed to provide students from varied undergraduate disciplines, or from other graduate areas of study, with the knowledge and applicable skills to function successfully in the profession of dietetics and nutrition. Dietetics is the branch of therapeutics concerned with the practical application of diet in relation to health and disease. The Dietary Guidelines for Americans 2015 emphasize the relationship between food choices, disease management, and prevention. Successful education of the public and multidisciplinary health care practitioners will require nutrition professionals with advanced training in nutrition as it relates to health promotion and disease prevention. The importance of nutrition in primary health care is further reinforced in the Patient Protection and Health Care Affordability Act of 2010.

M.S. in Nutrition Curriculum

Required Core Courses (15 credits)

COURSE #	COURSE TITLE	CREDIT HOURS
NUT 5120	Nutrition Advocacy and Interprofessional Leadership	3
NUT 5130	Nutrition Counseling	3
NUT 5200	Nutritional Biochemistry	3
NUT 6200	Evidence-Based Outcomes Research in Nutrition.....	3
NUT 6400	Nutritional Assessment and Medical Nutrition Therapy	3

Special Project—Required of All Students (6 credits)

The course of study culminates in an individual community-based or research project led by a student with faculty member support.

COURSE #	COURSE DESCRIPTION	CREDIT HOURS
NUT 6800	In this first of two courses, students plan and propose a nutrition-based project [research or practice].	3
NUT 6801	This is a practice-based research and culminating experience that provides a bridge between academic preparation and professional practice.	3

Students may choose a generalist course of study or optional concentrations in community nutrition, sports nutrition, or functional nutrition and herbal therapy. Three concentrations are outlined below. Any one of them can provide the student with the foundational courses to enter a registered dietitian program that requires kitchen and laboratory work and an internship.

Concentration 1: Community Requirements (21 credits)

COURSE #	COURSE TITLE	CREDIT HOURS
NUT 5110	Foundations of Community Nutrition	3
NUT 5400	Psychology of Eating	3
NUT 5500	Health Disparities/Health Literacy	3
NUT 5600	Models of Health Behavior	3

Plus three additional elective courses

Concentration 2: Sport Nutrition Requirements (21 credits)

COURSE #	COURSE TITLE	CREDIT HOURS
NUT 5050	Nutrition and Exercise Performance.....	3
NUT 6100	Wellness and Weight Management.....	3
NUT 6120	Strength and Conditioning for Nutrition Professionals	3
NUT 6700	Advanced Sports Nutrition.....	3

Plus three additional elective courses

M.S. in Nutrition Curriculum (cont.)

Concentration 3: Functional Nutrition and Herbal Therapy (21 credits)

COURSE #	COURSE TITLE	CREDIT HOURS
NUT 5070	Introduction to Functional Nutrition and Herbal Therapy	3
NUT 5300	FNHT Principles 1: Gastrointestinal, Pancreatic, Liver, and Gallbladder Systems.....	3
NUT 5310	FNHT Principles 2: Endocrine, Immune, and Nervous Systems.....	3
NUT 5320	FNHT Principles 3: Nervous, Cardiovascular, and Musculoskeletal Systems.....	3
NUT 5330	Clinical Applications in Functional Nutrition and Herbal Therapy	3

Plus two additional elective courses

Elective Courses: (Additional courses that are periodically offered to fulfill graduation requirements.)

COURSE #	COURSE TITLE	CREDIT HOURS
MI 5200	Survey of Biomedical Informatics.....	3
NUT 5030	Food Policy.....	3
NUT 5040	Functional Foods in Society Today.....	3
NUT 5070	Introduction to Functional Nutrition and Herbal Therapy	3
NUT 5140	Nutrition and Aging.....	3
NUT 5300	FNHT Principles 1: Gastrointestinal, Pancreatic, Liver, and Gallbladder Systems.....	3
NUT 5310	FNHT Principles 2: Endocrine, Immune, and Nervous Systems.....	3
NUT 5320	FNHT Principles 3: Nervous, Cardiovascular, and Musculoskeletal Systems.....	3
NUT 5330	Clinical Applications in Functional Nutrition and Herbal Therapy	3
NUT 6110	Pediatric Nutrition	3
NUT 6130	Nutrition Support and Clinical Practice	3
NUT 6900	Special Topics Course (offered as necessary or on demand as new topics arise)	3
PUH 5430	Epidemiology	3
PUH 5513	Public Health Nutrition	3

M.S. in Nutrition Admissions Requirements

The M.S. in Nutrition program evaluates the overall quality of its applicants, including academic achievement, personal motivation, knowledge of health care, profession-related experience, and recommendations. Criteria for admission to the M.S. in Nutrition program are

1. a bachelor's, master's, doctoral, or terminal professional degree from a regionally accredited college or university
2. successful completion of the following courses with a grade of 2.0 or higher:
 - Anatomy and Physiology (lecture and lab)—4 credit hours
 - Biochemistry—3 credit hours
 - General Chemistry—4 credit hours
 - Organic Chemistry (with lab)—4 credit hours
 - General Biology (lab preferred)—4 credit hours
 - General Statistics—3 credit hours
3. a cumulative overall grade point average (GPA) of 3.0 or above on a 4.0 (or equivalent) scale (preferred)
4. the ability to clearly express one's self in writing, as demonstrated by a written statement submitted in the application to the program



M.S. in Nutrition Application Procedures

The Office of Admissions processes applications on a year-round basis. All application documentation must be sent to

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

Transcripts can be sent electronically from the originating college/university to the following address:

electronictranscripts@nova.edu.

To be considered for admissions, all applicants must provide the following:

1. an online application with a \$50, nonrefundable application fee (found at ***osteopathic.nova.edu /ms-nutrition***)
2. one letter of recommendation from someone that knows the applicant professionally or academically (Letters from a relative or spouse are not accepted. This recommendation needs to be on letterhead, specific to the program, and contain a handwritten signature with contact information.)
3. official transcripts sent directly from all previously attended undergraduate, graduate, and professional institutions

Coursework taken at foreign institutions must be evaluated for U.S. institution equivalence by an approved National Association of Credential Evaluation Services (NACES) organization, such as one of the services listed on this page. Other agencies that can complete this evaluation can be found by going to the website at ***nova.edu/internationalstudents/prospective /credentialservices.html.***

World Education Services, Inc.

Bowling Green Station
P.O. Box 5087
New York, New York 10274-5087
[212] 966-6311 • *wes.org*

Josef Silny and Associates, Inc.

7101 SW 102nd Avenue
Miami, Florida 33173
[305] 273-1616 • [305] 273-1338 (fax)
info@silny.com • jsilny.com

Educational Credential Evaluators, Inc.

P.O. Box 514070
Milwaukee, Wisconsin 53203-3470
[414] 289-3400 • *ece.org*

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

4. Applicants whose native language is not English are required to demonstrate English proficiency. The standardized tests listed below currently satisfy the university's English requirement for nonnative English speakers.
 - Test of English as a Foreign Language (TOEFL): score of 213 on the computer-based test or 79–80 on the Internet-based test
 - International English Language Testing System (IELTS): score of 6.0 on the test module
 - Pearson Test of English—Academic: score of 54
 - American College Test (ACT): score of at least 20 on the verbal section

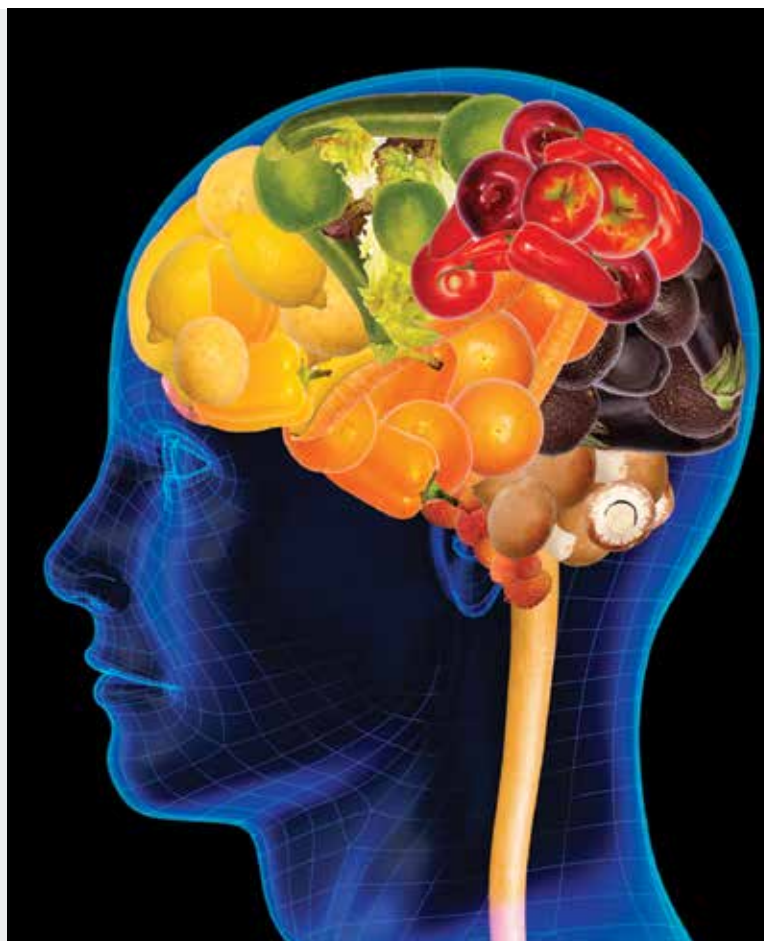
Test results must be sent directly from the testing agency to the center you applied to. Proof of English language competency can also be in the form of successful completion of a degree at a regionally accredited U.S. college or university.

Upon receipt of the completed application and required material, the Committee on Admissions will review the application and the applicant's file and make recommendations to the program director. The director submits his or her recommendation on admission to the dean. The final decision on admission is made by the dean of the College of Osteopathic Medicine.



M.S. in Nutrition Transfer of Credits

Applicants or enrollees of the NSU-COM Master of Science in Nutrition program may petition for a transfer of a maximum of 6 credit hours toward their degree from a regionally accredited institution for degree-seeking students. Any exceptions require the written approval of the program director. To be considered for transfer of credit, courses must have been completed less than three years prior to the beginning of the student's first semester in the program. All courses to be transferred must be substantially equivalent to courses offered in the program, as determined by the program director and appropriate faculty members. All courses considered for transfer into the program must have been successfully completed with a grade of *B* (80 percent) or better. Transfer course grades are not calculated toward the student's grade point average. An accepted applicant to the program who wishes to receive transfer credit must submit a written request and the appropriate verification documents (e.g., official transcripts, syllabi, and catalogs) to the program director.



M.S. in Nutrition Nondegree-Seeking Students

A nondegree-seeking student is one who wishes to take courses in the Master of Science in Nutrition program, but does not intend to pursue the master's degree. The nondegree-seeking student must provide the following admissions requirements in order to take classes in the Master of Science in Nutrition program:

- a completed online application
- official transcripts of all undergraduate, graduate, and professional education
- a nonrefundable application fee of \$50

Nondegree-seeking students are not guaranteed future acceptance into the Master of Science in Nutrition program. If, after taking classes in the program as a nondegree-seeking student, the student wishes to become degree seeking, he or she must apply to the M.S. in Nutrition program as a new student and meet all the requirements for admission. If accepted into the degree program, credits with the prefix NUT that were taken as a nondegree-seeking student will be automatically applied toward the degree. Nondegree seeking students can enroll in a maximum of four courses or 12 credits.

Graduate Certificate in Functional Nutrition and Herbal Therapy Program Information

The Graduate Certificate in Functional Nutrition and Herbal Therapy is designed for practicing health professionals to understand the tenets of herbal and functional nutrition in a systems-based approach. The program's innovative courses will highlight functionality of body systems, etiology of diseases, toxic reactions of herbs, interactions with medications, herbal therapy for special populations, dietary approaches to imbalances in the body, and the roles of health care professionals in educating patients on using herbal supplements safely. Graduates will gain additional practice competencies and skills to integrate valuable information into the care of patients.

This certificate option consists of 15 credit hours of graduate-level courses. If, after taking courses in the certificate program, a certificate-seeking student decides to pursue the Master of Science in Nutrition degree, the student must submit a new and complete application to become a degree-seeking student and meet all of the degree program requirements. This certificate program is not available for federal student financial aid.

Functional Nutrition and Herbal Therapy Certificate Curriculum

Students must successfully complete the following five courses:

COURSE #	COURSE TITLE	CREDIT HOURS
NUT 5070	Introduction to Functional Nutrition and Herbal Therapy	3
NUT 5300	FNHT Principles 1: Gastrointestinal, Pancreatic, Liver, and Gallbladder Systems.....	3
NUT 5310	FNHT Principles 2: Endocrine, Immune, and Nervous Systems.....	3
NUT 5320	FNHT Principles 3: Nervous, Cardiovascular, and Musculoskeletal Systems and Special Populations.....	3
NUT 5330	Clinical Applications in Functional Nutrition and Herbal Therapy	3

Functional Nutrition and Herbal Therapy Certificate Admissions Requirements

Working from an interprofessional perspective within the College of Osteopathic Medicine, eligible individuals may include audiologists, dentists, physicians, physician assistants, physical therapists, pharmacists, registered dietitians, psychologists, or optometrists. Other health-related professionals with certifying credentials and graduate education may apply and will be reviewed by the admissions committee of the M.S. in Nutrition degree program.

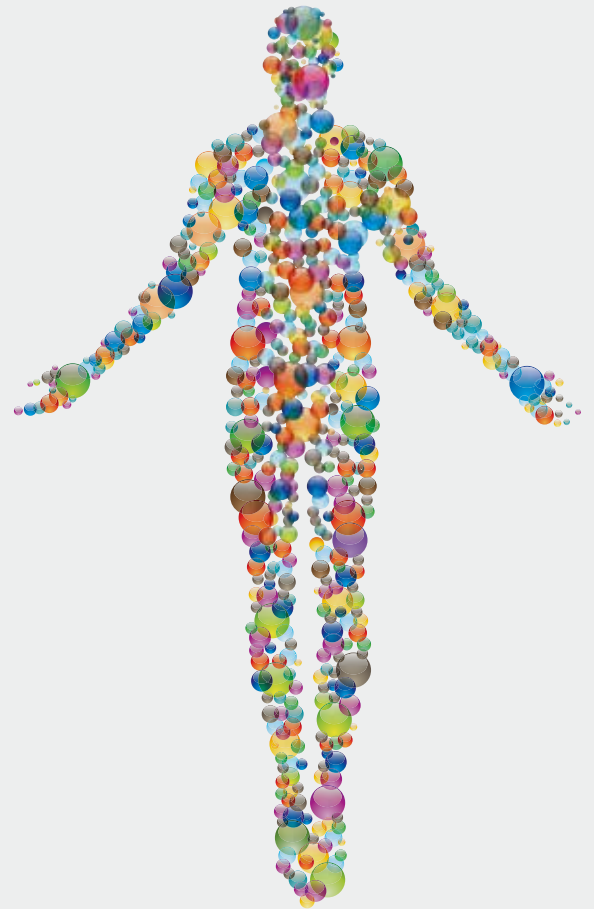
All applicants must submit

- a bachelor's degree or higher from a regionally accredited college or university
- official transcripts
- a completed application form
- a nonrefundable application fee of \$50
- one letter of recommendation (professional)
- an undergraduate GPA of 3.0 or above on a 4.0 scale (preferred)

Functional Nutrition and Herbal Therapy Certificate Application Procedures

Applicants may apply for matriculation into any one of three semesters (fall, winter, or summer). Deadlines for applying are August 1 for the fall semester, December 15 for the winter semester, and April 15 for the summer semester.

Upon receipt of the completed application and required materials, the Committee on Admissions will review the applicant's file and make recommendations to the program director. All final decisions on admission are made by the dean of the College of Osteopathic Medicine.



Nutrition Tuition and Fees

Tuition for 2018–2019 will be posted on our website (osteopathic.nova.edu/ms-nutrition). A Health Professions Division general access fee of \$145 is required each year. An NSU student services fee of \$1,350 is also required annually. All tuition and fees are subject to change by the board of trustees without notice.

Graduate Certificate in Social Medicine Program Information

The Graduate Certificate in Social Medicine will target medical residents, directors of medical education, residency program directors, or **anyone with an interest in learning more about global/social medicine**. Over the past 15 years, there has been a growing national and international trend toward developing frameworks for defining, applying, teaching, and measuring the competency of a physician. Many organizations have developed criteria to define and measure competency.

The Graduate Certificate in Social Medicine is designed to address these needs and enhance the experiences for residents to achieve program competencies. Residents will obtain additional information from this graduate-level program, which helps to achieve competency in several elements. Program directors and directors of medical education completing this certificate can impart their expertise to their residents.

For more information, visit our website
[\[osteopathic.nova.edu/masters\]](http://osteopathic.nova.edu/masters).

Social Medicine Certificate Admissions Requirements

The Graduate Certificate in Social Medicine evaluates the overall quality of applicants, including academic achievement, personal motivation, knowledge about health care, and life experiences. Criteria for admission to the Graduate Certificate in Social Medicine are as follows:

- The applicant must hold a bachelor's, master's, or doctoral degree from a regionally accredited college or university.
- A cumulative grade point average (GPA) of 3.0 or above, on a 4.0 scale, is preferred.
- Applicants enrolled in another area of study within Nova Southeastern University must be in good academic standing, must provide a letter of recommendation from the dean or program director of the other college or program.
- All application materials must be received in a timely manner to enable the Office of Admissions and the admissions committee to process the application promptly.

Health care-related experience is desirable, but not required. If the applicant does not hold a health-related graduate or professional degree, he or she must supply evidence of having taken the GRE, PCAT, OAT, AHPAT, MCAT, DAT, GMAT, or LSAT.



Applicants' scores from these standardized tests must be no more than five years old. Applicants with health-related graduate or professional degrees may be required to submit official test scores upon evaluation of their applications.

Social Medicine Certificate Curriculum Outline

Students will complete a total of five courses of 3 credits each for a total of 15 credits.

Public Health Concentration

(choose one for 3 credits)

- Health Policy Planning and Management
- Epidemiology
- Biostatistics
- Public Health Program Planning and Evaluation

Biomedical Informatics Concentration

(choose one for 3 credits)

- Survey of Medical Informatics
- Public Health Informatics
- Management Information Systems in Health Care
- Information Technologies in Medicine and Telehealth
- Lean Six Sigma for Health Care
- Consumer Health Informatics

Disaster and Emergency Management Concentration

(choose one for 3 credits)

- Community Disaster Preparedness
- Community Planning, Response, and Recovery for Families and Children
- Foundations of Public Health
- Public Health Issues in Disaster and Emergency Preparedness
- Epidemiology of Disasters

Elective

(choose a second course from any of the listed concentrations for 3 credits)

Global Health Experience

(complete all requirements listed below for 3 credits)

- PUH 5314 (Global Health)
- 30 hours of approved community service
- participation in one NSU-COM medical outreach program

At the completion of the Graduate Certificate in Social Medicine program, students will have completed course offerings that can be applied to a master's degree in any of the following three programs:

- Master of Public Health
- Master of Science in Biomedical Informatics
- Master of Science in Disaster and Emergency Management

Students must follow the application process for the respective chosen program, but the credits received for the courses taken in earning the certificate will be transferred to the degree program.

Social Medicine Certificate Tuition and Fees

Tuition for 2018–2019 will be posted on our website [osteopathic.nova.edu/masters]. A Health Professions Division general access fee of \$145 is required each year. An NSU student services fee of \$450 per semester for two or more courses and \$225 per semester for one course, not to exceed \$1,350 annually, is also required.



1 TERRY ADMINISTRATION BUILDING

FIRST FLOOR

- Student Affairs
- Admissions
- Financial Aid
- HPD Cafeteria

SECOND FLOOR

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

THIRD FLOOR

- College of Medical Sciences
- College of Pharmacy

FOURTH FLOOR

- College of Osteopathic Medicine
- College of Optometry

FIFTH FLOOR

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

2 ASSEMBLY BUILDING

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

3 LIBRARY/LABORATORY BUILDING

FIRST FLOOR

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

SECOND FLOOR

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

THIRD FLOOR

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

4 PHARMACY AND PHARMACEUTICAL CARE CENTER

5 SANFORD L. ZIFF HEALTH CARE CENTER

FIRST FLOOR

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

SECOND FLOOR

- Optometry Clinics
- Optometry Dispensary

THIRD FLOOR

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

6 DENTAL MEDICINE BUILDING

FIRST FLOOR

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

SECOND FLOOR

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

THIRD FLOOR

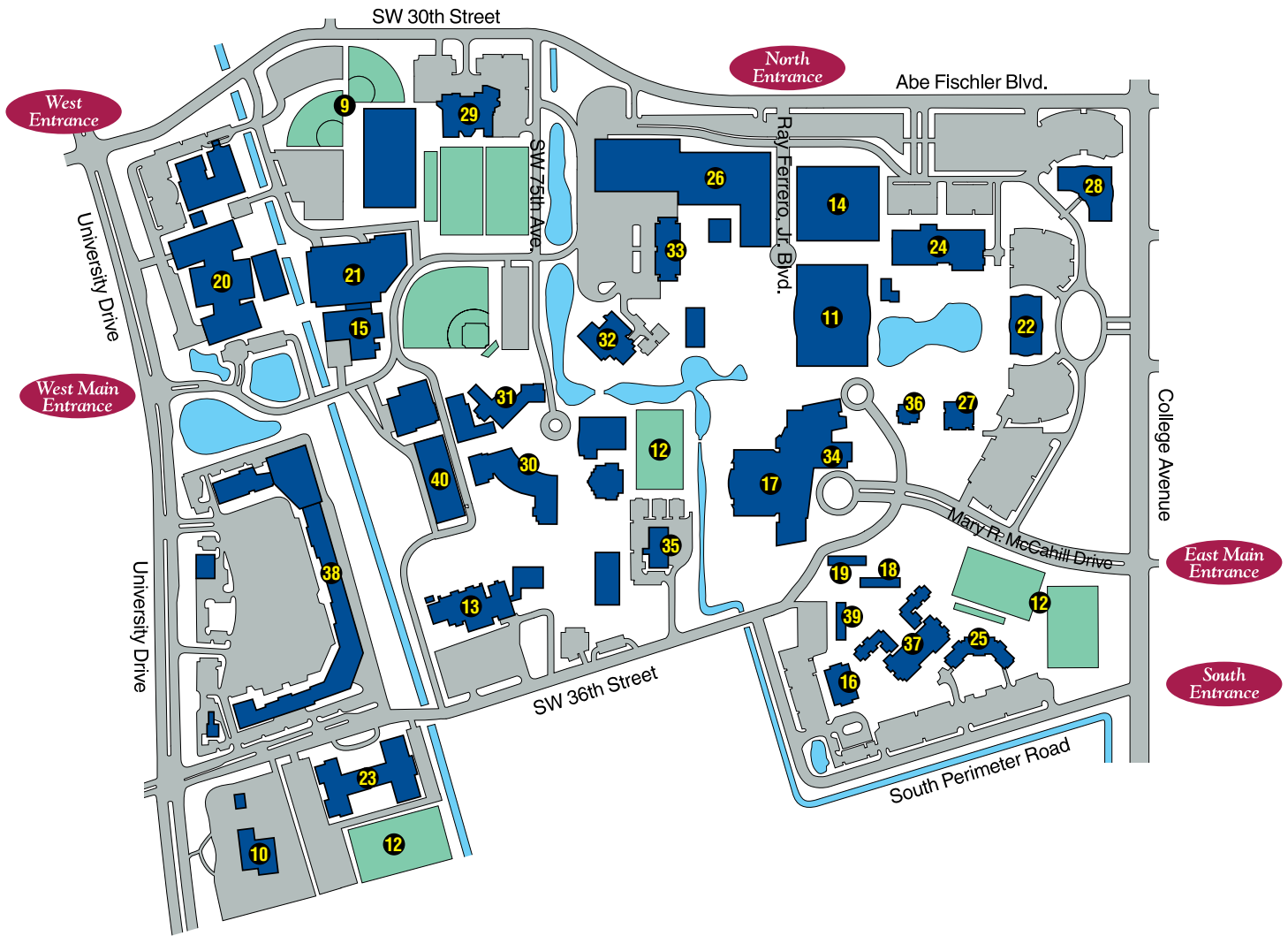
- Auditorium
- Seminar Rooms
- Central Sterilization Area
- Dispensing
- Faculty Offices
- Student Dental Supply Depot

7 PARKING GARAGE

8 HPD ASSEMBLY BUILDING

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

NSU Fort Lauderdale/Davie campus



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





NOVA SOUTHEASTERN
UNIVERSITY

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

Office of Admissions | [954] 262-1101 • 877-640-0218 | nova.edu