

2020

## **NSU's Dr. Kiran C. Patel College of Osteopathic Medicine Graduate Programs**

Nova Southeastern University

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NSU's Dr. Kiran C. Patel College of Osteopathic Medicine

# GRADUATE PROGRAMS

PUBLIC HEALTH

BIOMEDICAL INFORMATICS

DISASTER AND EMERGENCY  
MANAGEMENT

MEDICAL EDUCATION

NUTRITION

SOCIAL MEDICINE

EMERGENCY MEDICINE

NOVA SOUTHEASTERN  
UNIVERSITY

**NSU**  
Florida

Health Professions Division | Students Entering 2020

Now Accepting Applications

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NSU Dr. Kiran C. Patel  
College of Osteopathic Medicine  
students help New Orleans in the  
city's continuing efforts to come  
back from Hurricane Katrina.



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## MESSAGE FROM THE DEAN



The Nova Southeastern University's Dr. Kiran C. Patel College of Osteopathic Medicine (NSU-KPCOM) is home to more than 1,447 active students and 114 full-time faculty members. The college not only has a Doctor of Osteopathic Medicine Program, but also offers a unique combination of master's degree and certificate programs in a Health Professions Division that provides many varied 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-KPCOM programs prepare graduate students for distinguished careers in

research and academics and as experts in both governmental and private organizations. NSU-KPCOM 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.

Elaine M. Wallace, D.O., M.S.<sup>4</sup>  
Dean, Dr. Kiran C. Patel College of  
Osteopathic Medicine

## THE NSU EDGE

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

## PROVISIONAL ACCEPTANCE

Students are provisionally admitted to a degree-seeking program based on a review of unofficial transcripts or other specific program admission requirements. However, this admission includes a condition that final and official transcripts, documents, and requirements must be received within 90 calendar days from matriculation. If these final and official transcripts, documents, and/or requirements are not received by that time, the student will not be allowed to continue class attendance. Financial aid will not be disbursed to a provisional/ conditional student until he or she has been fully admitted as a regular student (all admissions requirements have been approved by the college/program admissions office). Students who have an unpaid balance 30 days from the start of the term will be assessed a \$100 late fee.

## 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 Dr. Kiran C. Patel College of Osteopathic Medicine has been granted accreditation by the Commission on Osteopathic College Accreditation of the American Osteopathic Association, [www.osteopathic.org](http://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](http://www.ceph.org).

The Master of Science in Nutrition Program has been granted Candidacy status by the Accreditation Council for Education in Nutrition and Dietetics (ACEND) as a Future Education Model Graduate Program.

## NONDISCRIMINATION

Consistent with all federal and state laws, rules, regulations, and/or local ordinances (e.g., Title VII, Title VI, Title III, Title II, Rehab Act, ADA, Title IX, and the Florida Civil Rights Act), it is the policy of Nova Southeastern University's Dr. Kiran C. Patel College of Osteopathic Medicine (KPCOM) not to engage in any discrimination or harassment against any individuals because of race, color, religion or creed, sex, pregnancy status, national or ethnic origin, nondisqualifying disability, age, ancestry, marital status, sexual orientation, gender, gender identity, military service, veteran status, or political beliefs or affiliations, and to comply with all federal and state nondiscrimination, equal opportunity, and affirmative action laws, orders, and regulations. Any such acts are unacceptable and strictly prohibited by the university.

In addition, the law prohibits retaliation against an individual for opposing any practices forbidden under this policy, for bringing a complaint of discrimination or harassment, for assisting someone with such a complaint, for attempting to stop such discrimination or harassment, or for participating in any manner in any investigation or resolution of a complaint of discrimination or harassment. This nondiscrimination policy applies to admissions; enrollment; scholarships; loan programs; athletics; employment; and access to, participation in, and treatment in all university centers, programs, and activities. NSU-KPCOM admits students of any race, color, religion or creed, sex, pregnancy status, national or ethnic origin, nondisqualifying disability, age, ancestry, marital status, sexual orientation, gender, gender identity, military service, veteran status, or political beliefs or affiliations, to all the rights, privileges, programs, and activities generally accorded or made available to students at NSU, and does not discriminate in the administration of its educational policies, admission policies, scholarship and loan programs, and athletic and other school-administered programs.





# PUBLIC HEALTH



## 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

- 21 credit hours of required core courses, including
  - a 3-credit-hour public health field experience
  - a 3-credit-hour integrative learning experience
  - 15 credit hours or more of public health elective courses
- coursework that may be taken on a full-time or part-time basis as long as the course of study is completed 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.

- 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 on a 4.0 scale 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 an integrative learning experience. Supervised field-based courses, projects, and research opportunities are available to students as part of their elective courses. An exit survey must be completed prior to graduation.

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

## MASTER OF PUBLIC HEALTH EXIT OPPORTUNITIES

There is a need for public health professionals to address

- emerging and re-emerging diseases
- environmental health concerns
- health care reform
- maternal and child health issues
- sociopolitical factors affecting this nation's health and health care systems
- 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 nongovernmental health agencies
- the corporate world

The M.P.H. program at Nova Southeastern University’s Dr. Kiran C. Patel 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.

## Did You Know?

The number of health care management jobs in the United States is anticipated to increase sharply in the coming years. According to the U.S. Department of Labor, Bureau of Labor Statistics, employment of medical and health services managers is projected to grow 17 percent from 2014 to 2024, much faster than the average for all occupations.

## PURPOSE

The mission of the M.P.H. program is 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



## REQUIRED CORE COURSES

COURSE #	COURSE TITLE	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	3
PUH 6604	Research Methods in Public Health	30	30	3
PUH 6700	Integrative Learning Experience	30	30	3

## ELECTIVE COURSES

COURSE #	COURSE TITLE	INSTRUCTION	PRACTICE	SEMESTER HOURS
PUH 5002	Health Promotion and Disease Prevention	30	30	3
PUH 5009	Public Health Seminar	30	30	3
PUH 5004	Public Health Grant Writing	45	0	3
PUH 5014	Principles and Practice of Clinical Trials	30	30	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	30	30	3
PUH 5201	Foundations of Public Health	45	0	3
PUH 5210	Public Health Communications	30	30	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	30	30	3
PUH 5420	Epidemiology of Diseases of Major Public Health Importance	45	0	3
PUH 5431	Community Health Assessment	45	0	3

## ELECTIVE COURSES, *continued*

COURSE #	COURSE TITLE	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	30	30	3
PUH 5802	Epidemiologic Surveillance and Outbreak Investigation	30	30	3
PUH 6008	Public Health Advocacy	30	30	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	30	30	3
PUH 6101	Health Care Organization and Administration	45	0	3
PUH 6120	Public Health Program Planning and Evaluation	30	30	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 6608	Public Health Research	0	90	3



# MASTER OF 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

- minimum of a bachelor's degree from a regionally accredited college or university
- cumulative grade point average (GPA) of 3.0 or above on a 4.0 scale (preferred)
- proof of official test scores no more than five years old for one of the following standardized tests: GRE, PCAT, OAT, AHPAT, MCAT, DAT, GMAT, or LSAT (if the applicant does not have a health-related graduate or professional degree, or if the applicant has a health-related graduate or professional degree, but is requested to submit official test scores upon evaluation of application)
- public health- or health care-related experience (desirable, but not required)

Applicants enrolled in another area of study within Nova Southeastern University must

- be in good academic standing
- provide a letter of recommendation from the dean or program director of the other college or program
- 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.



# MASTER OF 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](http://nova.edu/ph)), for exact deadline and start dates.

All application materials should be sent to

Nova Southeastern University  
Enrollment Processing Services  
Dr. Kiran C. Patel 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: [electronictranscript@nova.edu](mailto:electronictranscript@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](http://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](http://wes.org)

**Educational Credential Evaluators**  
P.O. Box 514070  
Milwaukee, Wisconsin 53203-3470  
(414) 289-3400 • [ece.org](http://ece.org)

**Josef Silny & Associates, Inc.,  
International Education Consultants**  
7101 SW 102nd Avenue  
Miami, Florida 33173  
(305) 273-1616 • (305) 273-1338 (fax)  
[info@silny.org](mailto:info@silny.org) • [jsilny.org](http://jsilny.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**, no more than five years old, for 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, or upon request of an applicant with a health-related graduate or professional degree)
4. **demonstration of English proficiency** by any applicant whose native language is not English or who has graduated from a college or university where English is not the primary language, regardless of U.S. residency status (The standardized tests below currently satisfy NSU's and this program's English requirements for nonnative English speakers.)
- Test of English as a Foreign Language (TOEFL): minimum score 213 on the computerized or 79–80 on the Internet-based
  - International English Language Test 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.

Applicants may apply for matriculation into any one of three semesters (fall, winter, or summer). The Committee on Admissions for the NSU-KPCOM Public Health Program will review all applications to this program and make recommendations to the program director and, subsequently, the dean of the college.

5. **two letters of recommendation**

- one from a health professional
- 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 department chair. The final decision on admission is made by the dean.

## MASTER OF PUBLIC HEALTH TRANSFER OF CREDITS

Applicants or matriculated students of the NSU-KPCOM 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. Please note that

- 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 NSU's M.P.H. program, any courses taken at another academic program or institution that the student desires to transfer credit to the NSU-KPCOM M.P.H. program from, must have prior approval by the NSU 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 NSU-KPCOM program director, along with the appropriate verification of documents (e.g., official transcripts, syllabi, and catalogs).
- The program does not give course credits for prior work experience.

The Curriculum Committee will review the documents provided for all applications for transfer of credits and will submit recommendations to the program director. The dean makes the final decision.





## MASTER OF 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 semester hours, but does not intend to pursue the M.P.H. degree. The nondegree-seeking student must provide the following in order to take classes in the M.P.H. program:

- a completed application form
- official transcripts
- a 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 NSU's Dr. Kiran C. Patel College of Osteopathic Medicine. The college reserves the right to require a 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. A student, by his or her act of matriculation, concedes the college this right.



## PUBLIC HEALTH

The Graduate Certificate in Public Health is

- designed to enable students to acquire core knowledge that applies to the fundamental principles and practice of public health
- a competency-based program consisting 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. 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.

### Did You Know?

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, and meets the admissions requirements.

#### Curriculum (15 credit hours)

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

## 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
- a competency-based graduate certificate program consisting 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 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.

## Did You Know?

A student who wishes to pursue the Certified Health Education Specialists National Certification (CHES) may take 10 additional credit hours of recommended coursework as a nondegree-seeking student 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
Community Health Assessment	3 credit hours

## ADMISSIONS REQUIREMENTS/APPLICATION PROCEDURES

Applicants must submit

1. **a completed online application** along with a nonrefundable application fee of \$50, to [nova.edu/info-apply/osteopathic-medicine.html](http://nova.edu/info-apply/osteopathic-medicine.html) (online applications available at [nova.edu/mpb](http://nova.edu/mpb))
2. **official transcripts** of all undergraduate, graduate, and professional education (the applicant must have a minimum of a bachelor's degree from a regionally accredited college or university.) Please note that preference will be given to applicants with an undergraduate CUM GPA of 3.0 or above on a 4.0 scale.

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](http://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' Processing Services.

3. **demonstration of English proficiency** by any applicant whose native language is not English or who has graduated from a college or university where English is not the primary language, regardless of U.S. residency status (The standardized tests below currently satisfy NSU's and this program's English requirement for nonnative 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.

Applicants may apply for matriculation into any one of three semesters (fall, winter, or summer). The Committee on Admissions for the NSU-KPCOM Public Health Program will review all applications to this program and make recommendations to the program director and, subsequently, the dean of the college.

## PUBLIC HEALTH TUITION, FEES, EXPENSES, AND FINANCIAL AID

### TUITION AND FEES

Tuition and fees for the M.P.H. degree program for 2020–2021 will be posted on our website ([nova.edu/ph](http://nova.edu/ph)). All tuition and fees are subject to change by the board of trustees without notice.

Tuition and fees for the Public Health Graduate Certificate programs for 2020–2021 will be posted on our website ([nova.edu/ph](http://nova.edu/ph)).

#### Did You Know?

Corporate or institutional cluster students may receive a tuition discount.



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 approximately \$25,000 per year for living expenses.

NSU's Office of Student Financial Assistance is here 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](http://nova.edu/financialaid)).





♥ 120 bpm

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kCal 508

▬ 10,000 steps

# BIOMEDICAL INFORMATICS

NSU's Dr. Kiran C. Patel College of Osteopathic Medicine and College of Engineering and Computing offer

- a program leading to the degree of Master of Science (M.S.) in Biomedical Informatics
- a graduate certificate in medical informatics
- a graduate certificate in 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.
- use both online and on-site formats to enable working professionals to earn a master's degree or graduate certificates without career disruption
- are offered via NSU's state-of-the-art, web-based, distance-learning technology.

## Did You Know?

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](http://amia.org/education/10x10-courses) for more information.

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](http://nova.edu/msbi) for more information.



# MASTER OF SCIENCE IN BIOMEDICAL INFORMATICS CURRICULUM OUTLINE

Students are required to complete 44 credit hours for the M.S. degree.

## REQUIRED COURSES—32 Credit Hours Required

COURSE #	COURSE TITLE	CREDIT HOURS
MI 5000	Orientation to the Biomedical Informatics Program	1
MI 5100	Survey of Biomedical Informatics	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 5153	Telecommunications and Computer Networking in Health Care	3
MI 5160	System Analysis and Design for Health Care	3
MI 5400	Leadership Management and Organizational Behavior in Informatics	3
MI 6413	Lean Six Sigma Yellow Belt for Health Care	3
MI 6700	Computational Informatics	3
MI 7000	Biomedical Informatics	4
<b>SUBTOTAL</b>		<b>32</b>

## RECOMMENDED COURSES

These courses are recommended for students who do not have sufficient health care background or computer science knowledge.

COURSE #	COURSE TITLE	CREDIT HOURS
MI 4100	Medical Terminology	1
MI 4200	Health Care Organization and Administration	1
MI 4300	Foundations of Computing in Health Care	1
MI 4400	Foundations of Software in Health Care	1



## ELECTIVES—12 Credit Hours Required

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

COURSE #	COURSE TITLE	CREDIT HOURS
MI 5120	Management Information Systems in Health Care	3
MI 5180	Human-Computer Interaction in Health Care Settings	3
MI 5204	Clinical Decision Support Systems	3
MI 5205	Program Evaluation in Health Information Technology	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 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	Health Care Analytics and Data Visualization I	3
MI 6426	Health Care Analytics and Data Visualization II	3
MI 6428	Artificial Intelligence in Health Care	3
MI 6430	Methods of Health Care Analytics	3
MI 6432	Big Data Analysis in Health Care	3
MI 6900	Bioinformatics	3
MI 8000	Biomedical Informatics Continuing Services	1

**TOTAL**

**44**

# 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.

## Did You Know?

Priority will be given to individuals holding a degree in the health professions or computer information sciences.

Criteria for admissions are as follows:

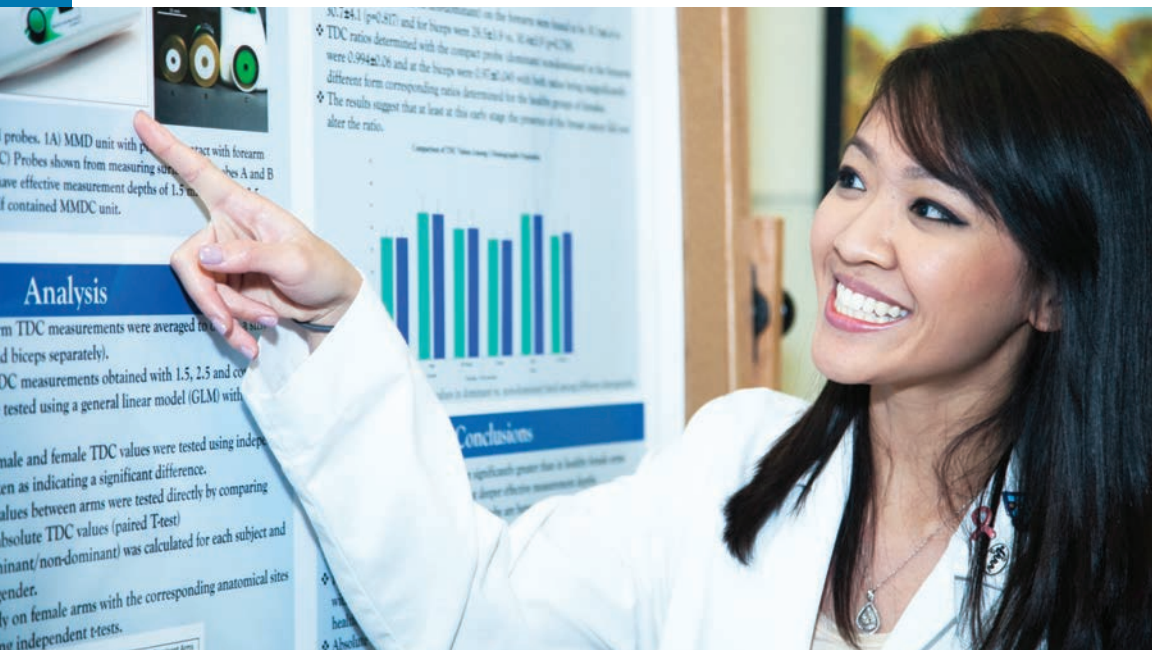
- a minimum of a bachelor's degree from a regionally accredited college or university
- cumulative grade point average of 3.0 or above on a 4.0 scale (preferred)
- health professions degree (desirable, but not required)
- demonstrated background in biomedical sciences and competency in computer usage by credentials or work experience
- demonstrated ability to clearly express one's self in writing

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

## Did You Know?

The Biomedical Informatics Program at NSU is a member of

- the American Medical Informatics Association's Academic Forum ([amia.org/programs/academic-forum](http://amia.org/programs/academic-forum))
- the Health Information Management Systems Society's Academic Organizational Affiliate Program ([himss.org/membership/organizational-affiliate/academic](http://himss.org/membership/organizational-affiliate/academic))



# 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)  
Dr. Kiran C. Patel College of Osteopathic Medicine  
M.S. in Biomedical Informatics 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 complete and submit all of the following for an application to be considered by the Committee on Admissions:

1. **a completed application**, along with a \$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 our website *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*

**Educational Credential Evaluators, Inc.**

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

**Josef Silny & Associates, Inc.,**

**International Education Consultants**  
7101 SW 102nd Avenue  
Miami, Florida 33173  
(305) 273-1616 • (305) 273-1338 (fax)  
*info@silny.org • jsilny.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)
4. **demonstration of English proficiency** by any applicant whose native language is not English or who has graduated from a college or university where English is not the primary language, regardless of U.S. residency status (The standardized tests below currently satisfy NSU's and this program's English requirements 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, the applicant will be contacted by the program director.

Please contact [healthinformatics@nova.edu](mailto:healthinformatics@nova.edu) or 800-356-0026, ext. 21032, if there are any questions.

Please visit our website at [nova.edu/msbi](http://nova.edu/msbi) for detailed application procedures.

## MASTER OF SCIENCE IN 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:

- a completed online application form
- a 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 the 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.



## 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.

### Curriculum

- 18 credit hours
- successful completion of the following courses

COURSE #	COURSE TITLE	CREDIT HOURS
MI 5100	Survey of Biomedical Informatics	3
MI 5130	Database Systems in Health Care	3
MI 6401/PUH 5301	Biostatistics	3
MI 6403/PUH 5430	Epidemiology	3
MI 6405/PUH 5516	Public Health Informatics	3
MI 6421	Geographical Information Systems: Fundamentals for Health Care	3

## 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.

### Curriculum

- 18 credit hours
- successful completion of the following courses

COURSE #	COURSE TITLE	CREDIT HOURS
MI 5100	Survey of Biomedical Informatics	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 6413	Lean Six Sigma Yellow Belt for Health Care	3
MI 6700	Computational Informatics	3

If, after taking courses in the certificate program, a certificate-seeking student decides to pursue the Master of Science (M.S.) in Biomedical Informatics 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.

Information about occupations related to these certificate programs, program costs, and length of the programs can be found at our websites ([osteopathic.nova.edu/msbi/publichealth.html](http://osteopathic.nova.edu/msbi/publichealth.html) and [osteopathic.nova.edu/msbi/medicalinformatics.html](http://osteopathic.nova.edu/msbi/medicalinformatics.html)).

## Did You Know?

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 ([osteopathic.nova.edu/msbi/nursinginformatics.html](http://osteopathic.nova.edu/msbi/nursinginformatics.html)).

For more information on biomedical informatics certificates, please visit our website ([nova.edu/msbi](http://nova.edu/msbi)).





## ADMISSIONS REQUIREMENTS/APPLICATION PROCEDURES

Applicants must submit

1. **a completed online application**, along with a nonrefundable application fee of \$50, to [nova.edu/info-apply/osteopathic-medicine.html](http://nova.edu/info-apply/osteopathic-medicine.html) (online applications available at [nova.edu/msbi](http://nova.edu/msbi))
2. **official transcripts** of all undergraduate, graduate, and professional education (The applicant must have a minimum of a bachelor's 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](http://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.

3. **demonstration of English proficiency** by any applicant whose native language is not English or who has graduated from a college or university where English is not the primary language, regardless of U.S. residency status (The standardized tests below currently satisfy NSU's and this program's English requirements 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 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 [osteopathic.nova.edu/msbi/application-deadlines.html](http://osteopathic.nova.edu/msbi/application-deadlines.html).

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

### MASTER OF SCIENCE IN BIOMEDICAL INFORMATICS DEGREE PROGRAM

Tuition and fees for 2020–2021 will be posted on our website ([nova.edu/msbi](http://nova.edu/msbi)). All tuition and fees are subject to change by the board of trustees without notice.

### BIOMEDICAL INFORMATICS GRADUATE CERTIFICATES

Tuition and fees for 2020–2021 will be posted on our website ([nova.edu/msbi](http://nova.edu/msbi)). All tuition and fees are subject to change by the board of trustees without notice.





FEMA

**FEMA  
DISASTER  
RECOVERY  
CENTER**





# DISASTER AND EMERGENCY MANAGEMENT PROGRAM

### Did You Know?

According to scientists, natural disasters are predicted to increase not only in number, but in severity.

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. 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. 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.

## MASTER OF SCIENCE IN 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
- 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 the students' enrollment. An additional on-site meeting will be coordinated near the program's conclusion to allow students to present their 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
- environmental hazards.

Students can also choose not to specialize.

## MASTER OF SCIENCE IN 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

- six core courses (18 credit hours)
- six elective courses (the remaining 18 credit hours)
- a core curriculum of four required courses
- one additional core course in the area of management
- one core course taken from a selection of courses related to threats and hazards
- six elective courses (18 credit hours)

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 (6 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.

Please visit our website at [osteopathic.nova.edu/msdem](http://osteopathic.nova.edu/msdem) for more information.



# MASTER OF SCIENCE IN DISASTER AND EMERGENCY MANAGEMENT CURRICULUM

Curriculum (36 Credit Hours)

Core (15 Credit Hours)

## REQUIRED CORE COURSES

9 Credit Hours

COURSE #	COURSE TITLE	CREDIT HOURS
DEM 5011	Applied Research Methods in Emergency Management	3
DEM 5050	Introduction to Disaster and Emergency Preparedness	3
DEM 5055	Disaster Planning and Evaluation	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 (18 Credit Hours—May be from General or Concentration Electives)

### 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

### 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 6404	Community Planning, Response, and Recovery for Families and Children	3
DEM 6410	Emergency Preparedness Public Policy and Law	3
DEM 6423	Interagency Disaster Communication	3
DEM 6424	Community Disaster Preparedness	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 6141	Social Vulnerability: Implications in the Disaster Cycle	3
DEM 6500	Epidemiology of Disasters	3
DEM 6510	Public Health Issues in Disaster and Emergency Preparedness	3
PUH 5201	Foundations of Public Health	3
PUH 5301	Biostatistics	3
PUH 5341	Global Health	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
PUH 5220	Environmental and Occupational Health	3

**Fire Administration Concentration Electives**

12 Credit Hours (required for a concentration)

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



## MASTER OF SCIENCE IN DISASTER AND EMERGENCY MANAGEMENT ADMISSIONS REQUIREMENT

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 minimum of a bachelor's 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.
5. **demonstration of English proficiency** by any applicant whose native language is not English or who has graduated from a college or university where English is not the primary language, regardless of U.S. residency status (The standardized tests below currently satisfy NSU's and this program's English requirements 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

GRE, MAT, or professional program entrance exam (e.g., MCAT or LSAT) 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 a graduate or professional program entrance exam, 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.

# MASTER OF SCIENCE IN 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)  
Dr. Kiran C. Patel 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 our website (*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 & Associates, Inc.,  
International Education Consultants**  
7101 SW 102nd Avenue  
Miami, Florida 33173  
(305) 273-1616 • (305) 273-1338 (fax)  
*info@silny.org* • *jsilny.org*

**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 graduate or professional entrance exam 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**
6. **demonstration of English proficiency** by applicants whose native language is not English (See admissions requirements for this program.)

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. 21030, or visit [osteopathic.nova.edu/msdem](http://osteopathic.nova.edu/msdem) for further information on the program.





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 and fees for 2020–2021 will be posted on our website ([osteopathic.nova.edu/msdem](http://osteopathic.nova.edu/msdem)). All tuition and fees are subject to change by the board of trustees without notice.

## Did You Know?

Program discounts are available to

- full-time law enforcement officers
- full-time fire fighters
- full-time emergency services personnel
- active-duty military personnel
- veterans
- full-time government (federal, state, or municipal) emergency management professionals
- students currently enrolled full time in the NSU Dr. Kiran C. Patel College of Osteopathic Medicine Doctor of Osteopathic Medicine degree program

Please contact the program adviser for more information.







# MEDICAL EDUCATION



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) 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 Dr. Kiran C. Patel College of Osteopathic Medicine (NSU-KPCOM) 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 rich, interprofessional platform of NSU-KPCOM and the 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, 12-course program.

The program is designed to be completed in two years; however, students have a maximum of six years to complete it. The option to complete the degree in one year is also available for eligible students.

Faculty members for the Master of Science in Medical Education program are

- recognized scholars and educators from NSU and other major universities
- carefully selected on the basis of their subject expertise, teaching abilities, and professional involvement
- united in their desire to educate and to motivate students to use what they learn in the program to inspire others.

## MASTER OF SCIENCE IN MEDICAL EDUCATION EXIT OPPORTUNITIES

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
- 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](http://osteopathic.nova.edu/msme)).



# MASTER OF SCIENCE IN 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 12 required courses identified in the curriculum. Students are expected to demonstrate the application of content knowledge to their specific 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 six years of matriculation.

## CURRICULUM

### Required Courses

COURSE #	COURSE TITLE	CREDIT HOURS
MED 0600	Teaching Medical and Other Health Professions Students in a Diverse Learning Environment	3
MED 0610	Implications of the Domains of Human Development in Health Professions Students	3
MED 0620	Technology Resources for Health Professions Education	3
MED 0630	Effective Instruction Strategies in Health Professions Education	3
MED 0640	Assessment and Measurement in Health Professions Education	3
MED 0650	Research in the Health Professions Education	3
MED 0660	Transformative Leadership and Organizational Change in Health Professions Education	3
MED 0670	Instructional Design and Presentation for Health Educators	3
MED 0680	Funding Professional Education Programs	3
MED 0690	Professional Ethics and Health Law	3
MED 0700	Foundations of Mentoring for Health Educators	3
MED 0710	Effective Interpersonal Communication and Collaboration in a Health Professions Environment	3

## MASTER OF SCIENCE IN 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.

## MASTER OF SCIENCE IN 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)  
Dr. Kiran C. Patel College of Osteopathic Medicine  
Medical Education 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](mailto:electronictranscripts@nova.edu).

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

- **a completed online application** (found at [osteopathic.nova.edu/msme](http://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](http://nova.edu/internationalstudents/prospective/credentialservices).

**World Education Services, Inc.**

Bowling Green Station  
P.O. Box 5087  
New York, New York 10274-5087  
(212) 966-6311 • [wes.org](http://wes.org)

**Josef Silny & Associates, Inc.,**

**International Education Consultants**  
7101 SW 102nd Avenue  
Miami, Florida 33173  
(305) 273-1616 • (305) 273-1338 (fax)  
[info@silny.org](mailto:info@silny.org) • [jsilny.org](http://jsilny.org)

**Educational Credential Evaluators, Inc.**

P.O. Box 514070  
Milwaukee, Wisconsin 53203-3470  
(414) 289-3400 • [ece.org](http://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.

## MASTER OF SCIENCE IN MEDICAL EDUCATION NONDEGREE-SEEKING STUDENTS

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.

Nondegree-seeking students can enroll in a maximum of six courses or 18 credit hours.

### Did You Know?

If accepted into the degree program, courses/credits that were taken as a nondegree-seeking student will be automatically applied toward the degree.

## MASTER OF SCIENCE IN MEDICAL EDUCATION TRANSFER OF CREDITS

Applicants or enrollees of the NSU-KPCOM Master of Science in Medical Education program may petition for a transfer of a maximum of 6 credit hours from a regionally accredited institution toward their degree 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
- substantially equivalent to courses offered in the program, as determined by the program director and appropriate faculty members
- successfully completed with a grade of B (80 percent) or better

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.

## MASTER OF SCIENCE IN MEDICAL EDUCATION TUITION AND FEES

Tuition and fees for 2020–2021 will be posted on our website ([osteopathic.nova.edu/msme](http://osteopathic.nova.edu/msme)). All tuition and fees are subject to change by the board of trustees without notice.







# NUTRITION



## MASTER OF SCIENCE IN NUTRITION PROGRAM INFORMATION

The Dr. Kiran C. Patel College of Osteopathic Medicine offers an innovative Master of Science (M.S.) in Nutrition degree in response to the growing demand throughout the United States for qualified nutrition experts who are prepared at a mastery level.

### Did You Know?

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.

The program is 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.

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.

The generalist curriculum offers a wide variety of topics, allowing students to customize their program of study or select concentrations in several areas to further specialize.

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. Students are also expected to attend the spring commencement ceremonies for graduation.

The rich, interprofessional platform of NSU's Dr. Kiran C. Patel College of Osteopathic Medicine and the Health Professions Division provides an excellent environment for this program.

Optimizing the nutritional status and wellbeing of clients is an integral part of the practice of medicine and other health professions.

Elective courses are open to students in

- osteopathic medicine
- public health
- biomedical informatics
- other related programs.

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.

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

## Did You Know?

The job outlook for appropriately trained nutrition professionals is better than the average for other health-related disciplines. With the aging of America and the growth worldwide of people over age 65, nutritionists also play a key role in senior health, positive aging, preventative care, and managing chronic disease.

This degree is intended to provide a strong educational foundation in

- human nutrition
- applied sciences
- health promotion for health care practitioners
- preparation for nutritionists and dietitians to work in a variety of professional roles at the mastery level of practice

Some settings where graduates 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.

## Did You Know?

According to the U.S. Bureau of Labor Statistics (2017), employment in the nutrition field is expected to increase 15 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.

The M.S. in Nutrition degree will meet the future standards of practice for registered dietitian nutritionists, which take effect in 2024 and require a minimum level of preparation with a master's degree in nutrition or similar field for those who have already achieved that professional credential.

### ✓ TIP

Those applicants seeking eligibility for entry-level practice should consider the Professional Practice Concentration (74 credit hours). This is a coordinated graduate degree program providing about 1,200 hours in supervised experiential learning. It is approved by the Accreditation Council for Education in Nutrition and Dietetics to prepare registered dietitian nutritionists.

Please consult local licensing and scope of practice laws to determine what training and credentials are required in the intended state of practice.

## MASTER OF SCIENCE IN NUTRITION EXIT OPPORTUNITIES, *continued*

Possible career options for graduates with this degree include

- health educator or school nutritionist
- health/lifestyle coach or consultant
- college instructor
- corporate wellness educator
- employee health and wellness coordinator
- media and communications specialist
- personal trainer/health and fitness instructor
- specialized clinical dietitian/nutritionist
- nutrition researcher and grant writer
- private nutrition consultant
- nutrition and culinary entrepreneur
- health center or public health nutritionist

The program may also be a source of continuing graduate education for students from athletic training, nutrition practice, exercise science, and health and physical education programs.

The Master of Science in Nutrition provides an excellent interprofessional graduate degree for students in other health professions, such as medicine, dentistry, optometry, nursing, or pharmacy.



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 research topic or community-based impact idea for implementation. Both involve a high level of experiential learning and research basics to translate information into a meaningful idea that advances the state of nutrition practice.

Students select electives to complete a generalist program of study or declare concentrations in sports nutrition, community nutrition, functional nutrition and herbal therapy, or professional practice. Students may take up to seven years to complete the general degree program in a flexible, self-paced option, or can complete the degree in about two years. A full-time course of study is considered 6 credit hours. Academic advising can help create a plan tailored for each student.

### TIP

As the requirements for the professional practice concentration are highly prescribed, students should check the dedicated section for this option for full details.

Students are required to come to the NSU Fort Lauderdale/Davie Campus at the beginning of the program to meet the program faculty, other students, and advisers. Students return to campus at the end of the program to present the results of their unique special project in a professional collaboration with others.

The M.S. in Nutrition program offers students from varied undergraduate disciplines, or from other graduate areas of study, the knowledge and practical skills to apply theory and innovative concepts within their own area of influence.

Students explore various components including

- contemporary research
- evidence-based practice
- therapeutic concepts with diet
- nutrition's relationship to health and disease
- programmatic approaches in populations
- emerging topics, such as genetic applications and plant-based eating patterns

### Did You Know?

The Dietary Guidelines for Americans emphasize the relationship between food choices, disease management, and prevention. Successful education of the public and interprofessional health practitioners will require nutrition professionals with advanced training in nutrition as it relates to health promotion and disease prevention.

## PROFESSIONAL PRACTICE CONCENTRATION

This highly prescribed, 32-credit-hour concentration prepares prospective students for entry-level practice as registered dietitian nutritionists and is the only pathway approved by the Accreditation Council for Education in Nutrition and Dietetics (ACEND) for graduate students.

In addition to the core courses, special project, and other program requirements noted above, students are required to attend a hybrid curriculum with both online and on-site classes to gain the full professional competencies required by ACEND. Students receive approximately 1,200 hours in supervised, experiential learning to meet eligibility requirements.

This concentration admits students once a year, during the summer term, and requires additional admissions requirements above those stated for the M.S. in Nutrition program.

Go to [osteopathic.nova.edu/ms-nutrition/index.html](http://osteopathic.nova.edu/ms-nutrition/index.html) for the most updated information.



**REQUIRED COURSES** (15 credit hours)

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 credit hours)

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

COURSE #	COURSE TITLE	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, functional nutrition and herbal therapy, or professional practice. These concentrations are outlined below.

**CONCENTRATION 1** Community Requirements (21 credits)

COURSE #	COURSE TITLE	CREDIT HOURS
NUT 5025	Nutrition Across the Life Span	3
NUT 5100	World Culture, Food, and Nutrition	3
NUT 5110	Foundations of Community Nutrition	3
NUT 5400	Psychology of Eating	3
NUT 5600	Models of Health Behavior	3
<b>Plus two additional elective courses</b>		

Students may choose a generalist course of study or optional concentrations in community nutrition, sports nutrition, functional nutrition and herbal therapy, or professional practice. These concentrations are outlined below.

**CONCENTRATION 2** Sport Nutrition Requirements (21 credits)

COURSE #	COURSE TITLE	CREDIT HOURS
NUT 5050	Nutrition and Exercise Performance	3
NUT 6105	Wellness and Healthy Weight	3
NUT 6120	Strength and Conditioning for Nutrition Professionals	3
NUT 6700	Advanced Sports Nutrition	3
NUT 6750	Dietary and Sports Supplements	3
<b>Plus two additional elective courses</b>		

**CONCENTRATION 3** Functional Nutrition and Herbal Therapy (21 credit hours)

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	4
NUT 5310	FNHT Principles 2: Endocrine, Immune, and Nervous Systems	4
NUT 5320	FNHT Principles 3: Nervous, Cardiovascular, and Musculoskeletal Systems	4

Plus two additional elective courses

**CONCENTRATION 4** Professional Practice (53 credits)

COURSE #	COURSE TITLE	CREDIT HOURS
NUT 5000	Orientation to Professional Practice	2
NUT 5025	Nutrition Across the Life Span	3
NUT 5070	Introduction to Functional Nutrition and Herbal Therapy	3
NUT 5100	World Culture, Food, and Nutrition	3
NUT 5110	Foundations of Community Nutrition	3
NUT 5131	Counseling and Communications Lab	2
NUT 5170	Management of Food Services Systems	3
NUT 6105	Wellness and Healthy Weight	3
NUT 6150	Culinary Nutrition	2
NUT 6151	Applied Culinary Nutrition	2
NUT 6500	Advanced Medical Nutrition Therapy	3
NUT 7000	Professional Seminar	2
NUT 8000	Comprehensive Exam	1
NUT 8001	Nutrition Practicum I	5
NUT 8002	Nutrition Practicum II	8
NUT 8003	Nutrition Practicum III	8

## ELECTIVE COURSES

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

COURSE #	COURSE TITLE	CREDIT HOURS
MED 0630	Effective Instruction Strategies in Health Professions Education	3
MED 0710	Effective Interpersonal Communication and Collaboration in the Health Professions Environment	3
MI 5200	Survey of Biomedical Informatics	3
NUT 5025	Nutrition Across the Life Span	3
NUT 5030	Food Policy	3
NUT 5040	Functional Foods in Society Today	3
NUT 5050	Nutrition and Exercise Performance	3
NUT 5070	Introduction to Functional Nutrition and Herbal Therapy	3
NUT 5100	World Culture, Food, and Nutrition	3
NUT 5140	Nutrition and Aging	3
NUT 5300	FNHT Principles 1: Gastrointestinal, Pancreatic, Liver, and Gallbladder Systems	4
NUT 5310	FNHT Principles 2: Endocrine, Immune, and Nervous Systems	4
NUT 5320	FNHT Principles 3: Cardiovascular and Musculoskeletal Systems and Special Populations	4
NUT 5400	Psychology of Eating	3
NUT 5600	Models of Health Behavior	3
NUT 5700	Plant-Based Eating Patterns	3
NUT 6105	Wellness and Healthy Weight	3
NUT 6110	Pediatric Nutrition	3
NUT 6900	Current Topics Course (offered as necessary or on demand as new topics arise)	3
PUH 5430	Epidemiology	3
PUH 5513	Public Health Nutrition	3



## MASTER OF SCIENCE 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 letters of recommendation.

Criteria for admission to the M.S. in Nutrition program are

1. a minimum of a bachelor's degree from a regionally accredited college or university
2. successful completion of at least one semester of the following courses with a grade of 2.0 or higher:
  - Anatomy and physiology (or equivalent course approved by program director)
  - Biology
  - Statistics
  - General chemistry
  - Organic chemistry

Completion of one semester course of biochemistry is preferred, but not required. All prospective applicants are invited to contact the program office to develop a plan for entry into the program.

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

### Did You Know?

In addition to the courses above, candidates for the professional practice concentration must have successfully completed at least one course in human nutrition, biochemistry, and microbiology with grade of 2.0 or higher, and have a successful interview.

## MASTER OF SCIENCE 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)  
Dr. Kiran C. Patel 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](mailto: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](http://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
  - be specific to the program
  - contain a handwritten signature with contact information included
3. **official transcripts** sent directly from all previously attended undergraduate, graduate, and professional institutions

## Did You Know?

Applicants to the professional practice concentration must also complete a successful interview.

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 [nova.edu/internationalstudents/prospective/credentialservices.html](http://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](http://wes.org)

### **Josef Silny & Associates, Inc.,**

**International Education Consultants**  
7101 SW 102nd Avenue  
Miami, Florida 33173  
(305) 273-1616 • (305) 273-1338 (fax)  
[info@silny.org](mailto:info@silny.org) • [jsilny.org](http://jsilny.org)

### **Educational Credential Evaluators, Inc.**

P.O. Box 514070  
Milwaukee, Wisconsin 53203-3470  
(414) 289-3400 • [ece.org](http://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. **demonstration of English proficiency** by any applicant whose native language is not English or who has graduated from a college or university where English is not the primary language, regardless of U.S. residency status (The standardized tests below currently satisfy NSU's and this program's English requirements 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.



## MASTER OF SCIENCE IN NUTRITION TRANSFER OF CREDITS

Applicants or enrollees of the NSU-KPCOM Master of Science in Nutrition program may petition for a maximum transfer 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
- substantially equivalent to courses offered in the program, as determined by the program director and appropriate faculty members
- 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.

### Did You Know?

Credit for certain professional qualifications and past work experiences also follow this policy.

Applicants may receive up to 6 credit hours for certain professional qualifications and work experience. The program follows the university's policy from the Office of Transfer Evaluation Services (TES) regarding assessment of prior learning outside of the program. The guidelines can be found at [nova.edu/tes/graduate/index.html](http://nova.edu/tes/graduate/index.html).

## MASTER OF SCIENCE 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 M.S. 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.

## 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
- 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.

## 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	4
NUT 5310	FNHT Principles 2: Endocrine, Immune, and Nervous Systems	4
NUT 5320	FNHT Principles 3: Nervous, Cardiovascular, and Musculoskeletal Systems and Special Populations	4

## **ADMISSIONS REQUIREMENTS**

Working from an interprofessional perspective within the Dr. Kiran C. Patel 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

- proof of 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)
- evidence of current health professional license or other certifying credentials

## **APPLICATION PROCEDURES**

Applicants may apply for matriculation into any one of three semesters (fall, winter, or summer).

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.

## **MASTER OF SCIENCE IN NUTRITION TUITION AND FEES**

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Tuition and fees for 2020–2021 will be posted on our website (*osteopathic.nova.edu/ms-nutrition*). All tuition and fees are subject to change by the board of trustees without notice.





# SOCIAL MEDICINE



### Did You Know?

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 will target medical residents, directors of medical education, residency program directors, **or anyone with an interest in learning more about global/social medicine.**

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)).

## GRADUATE CERTIFICATE IN SOCIAL MEDICINE 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:

- 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 (preferred)
- good academic standing, and a letter of recommendation from the dean or program director of the other college or program, if applicant is enrolled in another area of study within Nova Southeastern University
- timely submission of application materials to enable the Office of Admissions and the admissions committee to process the application promptly
- evidence of a test score less than five years old from the GRE, PCAT, OAT, MCAT, DAT, GMAT, or LSAT, if applicant does not hold a health-related graduate or professional degree, or if requested of an applicant with health-related graduate or professional degree upon evaluation of his or her application.

Health care-related experience is desirable, but not required.

# GRADUATE CERTIFICATE IN SOCIAL MEDICINE 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
- Public Health Program Planning and Evaluation
- Biostatistics
- Epidemiology

## **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 above 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-KPCOM medical outreach program

At the completion of the Graduate Certificate in Social Medicine program, students will have completed courses that can be applied to the following master's degrees:

- 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.

# GRADUATE CERTIFICATE IN SOCIAL MEDICINE TUITION AND FEES

Tuition and fees for 2020–2021 will be posted on our website ([osteopathic.nova.edu/masters](http://osteopathic.nova.edu/masters)). All tuition and fees are subject to change by the board of trustees without notice.





# EMERGENCY MEDICINE

## GRADUATE CERTIFICATE IN EMERGENCY MEDICINE PROGRAM INFORMATION

The Graduate Certificate in Emergency Medicine is for physician assistants who are interested in obtaining specialized education in emergency medicine to prepare them for a position in a high-acuity emergency department.

The Emergency Medicine Certification Program at Nova Southeastern University will provide physician assistants with a chance to gain additional knowledge of emergency medicine in an online curriculum.

This certificate program targets advanced practitioners who are currently employed, but seeking additional coursework in emergency medicine to make them more marketable for a position in an emergency department.

### Did You Know?

Currently, one-year residency programs exist throughout the country in which advanced practitioners can supplement their education. Most of the time, this requires relocation and is a financial obstacle. This program, however, is unique in that NSU provides didactic coursework remotely, but will require additional onsite training to teach clinical skills, as well as assess the student using simulation.

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

# GRADUATE CERTIFICATE IN EMERGENCY MEDICINE CURRICULUM

Students must successfully complete the following required courses:

COURSE TITLE	CREDIT HOURS
Cardiovascular and Hematologic Emergencies	3
Neurologic, Infectious Disease, and Pediatric Emergencies	3
OB/GYN, Ophthalmological, ENT, and Psychiatric Emergencies	3
Trauma, Nontraumatic Musculoskeletal Disorders, Abdominal, and Chest Emergencies	3
Environmental, Toxicological, and Dermatological Emergencies	3
Renal/Urogenital, Metabolic, and Immunologic Emergencies	3



## GRADUATE CERTIFICATE IN EMERGENCY MEDICINE ADMISSIONS REQUIREMENTS

The Graduate Certificate in Emergency Medicine evaluates the overall quality of applicants, including academic achievement, personal motivation, knowledge about health care, life experiences, and recommendations.

Criteria for admissions to the program are as follows:

- The applicant must be a graduate of an accredited U.S. or foreign university with a minimum of a bachelor's degree.
- The applicant must have a minimum grade point average of 2.5.
- The applicant must have an active PA-C license in good standing.

## GRADUATE CERTIFICATE IN EMERGENCY MEDICINE APPLICATION PROCEDURES

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

1. **a completed application form**
2. **a nonrefundable application fee** of \$50
3. **two letters of recommendation** from health care professionals
4. **demonstration of English proficiency** by any applicant whose native language is not English or who has graduated from a college or university where English is not the primary language, regardless of U.S. residency status (The standardized tests below currently satisfy NSU's and this program's English requirements for nonnative English speakers.)
  - Test of English as a Foreign Language (TOEFL): minimum score of 550 on the written, 213 on the computerized, or 79–80 on the Internet-based test
  - International English Language Test System (IELTS): score of 6.0 on the test module

An official set of scores must be sent directly from the testing service to NSU's Enrollment Processing Services (EPS).

Coursework taken at a foreign institution must be evaluated for U.S. institution equivalence by an approved National Association of Credential Evaluation Services (NACES) organization. A listing of appropriate foreign evaluation services can be found on our website ([nova.edu/internationalstudents/prospective/credentialservices.html](http://nova.edu/internationalstudents/prospective/credentialservices.html)).

## GRADUATE CERTIFICATE IN EMERGENCY MEDICINE APPLICATION PROCEDURES, *continued*

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 EPS.

All application materials should be sent to

Nova Southeastern University  
Enrollment Processing Services (EPS)  
Dr. Kiran C. Patel College of Osteopathic Medicine  
Emergency Medicine 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](mailto:electronictranscripts@nova.edu).

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 will then submit recommendations for admission to the dean. The final decision on admission is made by the dean of the college.

## GRADUATE CERTIFICATE IN EMERGENCY MEDICINE TUITION AND FEES

Tuition and fees for 2020–2021 will be posted on our website ([nova.edu/emcertificate](http://nova.edu/emcertificate)). All tuition and fees are subject to change by the board of trustees without notice.





## MESSAGE FROM THE HPD CHANCELLOR



NSU's Health Professions Division (HPD) is playing a pivotal role in leading the university to new levels of excellence. The division comprises eight distinctive colleges—osteopathic medicine, pharmacy, optometry, medical sciences, dental medicine, health care sciences, nursing, and allopathic medicine—that offer more than 60 degree and certificate programs.

We have seen the university reach many milestones recently. In September 2017, NSU received the largest philanthropic gift in its history from physicians Dr. Kiran C. Patel, M.D., and his wife, Dr. Pallavi Patel, M.D., which included a \$50-million gift and an additional \$150-million real estate and facility investment in Clearwater, Florida.

Then, in January 2018, the Patels provided additional gifts totaling close to \$30 million, while a substantial contribution from longtime donors Ron and Kathy Assaf led to the college of nursing being named in their honor. The altruistic trend continued in February 2018, when an important gift from Martin and Gail Press resulted in the naming of the HPD Library.


In October 2017, our allopathic medicine (M.D.) college received preliminary accreditation. As a result, the college gained approval to begin interviewing and accepting its inaugural class of 50 students in August 2018. Finally, construction commenced on the HCA East Florida hospital that will be located adjacent to the HPD complex on NSU's Fort Lauderdale/Davie Campus.

These exciting developments will ensure that our students receive a well-rounded education at an academic institution that prides itself on being dynamic, innovative, and interprofessional in its academic approach.

A handwritten signature in blue ink, reading "Frederick R. Lippman". The signature is fluid and cursive, with a prominent initial 'F'.

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

# HEALTH PROFESSIONS DIVISION FAST FACTS



**8,000+**  
STUDENTS

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



**8 COLLEGES**

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

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



**NEW**  
**TAMPA BAY**  
**REGIONAL**  
**CAMPUS**  
325K SQ. FT.  
COMING 2019

**SPECIAL  
LEARNING  
OPTIONS**

- » Regional Campuses
- » Online
- » Dual Degrees

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



NSU Fort Lauderdale/Davie Campus

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



## 1 TERRY ADMINISTRATION BUILDING

### First Floor

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

### Second Floor

- Dr. Pallavi Patel College of Health Care Sciences
  - Audiology Department
  - Health Sciences Department
  - Occupational Therapy Department
  - Physical Therapy Department
  - Physician Assistant Department

### Third Floor

- College of Medical Sciences
- College of Pharmacy

### Fourth Floor

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

### Fifth Floor

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

## 2 ASSEMBLY BUILDING

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

## 3 LIBRARY/LABORATORY BUILDING

### First Floor

- ACORN SEED
- Medication Therapy Management

- “Harvey” Cardiac Patient Simulation Room
- Martin and Gail Press Health Professions Division Library
- Student Computer Laboratory
- Patient Simulation Center

### Second Floor

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

### Third Floor

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

## 4 PHARMACY AND PHARMACEUTICAL CARE CENTER

## 5 SANFORD L. ZIFF HEALTH CARE CENTER

### First Floor

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

### Second Floor

- Optometry Clinics
- Optometry Dispensary

### Third Floor

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

## 6 DENTAL MEDICINE BUILDING

### First Floor

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

### Second Floor

- Faculty Practice
- Simulation Lab



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

## 7 PARKING GARAGE

## 8 HPD ASSEMBLY BUILDING

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

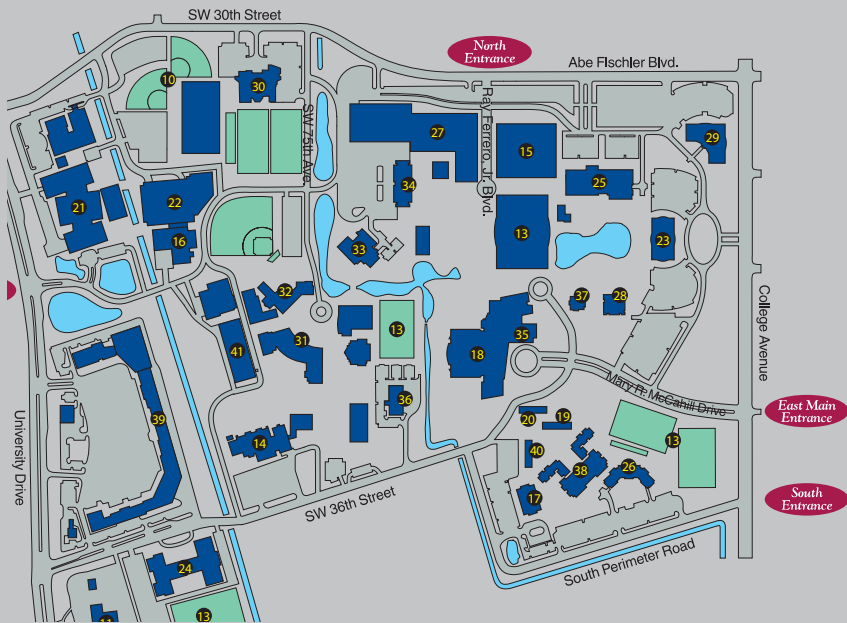
- Postgraduate Endodontics
- Postgraduate Orthodontics
- Postgraduate Periodontics
- Postgraduate Prosthodontics

### Third Floor

- Postgraduate Operative Dentistry Clinic
- Research Laboratories

## 9 CENTER FOR COLLABORATIVE RESEARCH

# NSU FORT LAUDERDALE/DAVIE CAMPUS



A.D. Griffin Sports Complex with Lighted Softball Fields	10
Administrative Services Center	11
Alvin Sherman Library, Research, and Information Technology Center	12
Athletics Fields	13
Campus Support Center	14
Carl DeSantis Building	15
Center for Collaborative Research	16
Cultural Living Center	17
Don Taft University Center	18
Farquhar Residence Hall	19
Founders Residence Hall	20
Health Professions Division Complex	21
Health Professions Division Parking Garage	22
Horvitz Administration Building	23
Jim & Jan Moran Family Center Village	24
Leo Goodwin Sr. Building	25

Leo Goodwin Sr. Residence Hall	26
Library and Main Student Parking Garage	27
Mailman-Hollywood Building	28
Maltz Building	29
Miami Dolphins Training Facility	30
NSU University School Lower School	31
NSU University School Middle School (Dauer Building)	32
NSU University School Upper (Sonken Building)	33
Parker Building	34
Rosenthal Student Center	35
Shark Athletics Building	36
Student Affairs Building	37
The Commons Residence Hall	38
University Park Plaza	39
Vettel Residence Hall	40
West Parking Garage	41



## GET THE NSU EDGE.

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

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

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

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

—Kelly Graham, class of 2019



# NSU'S HEALTH PROFESSIONS DIVISION

## Dr. Kiran C. Patel College of Osteopathic Medicine

- Doctor of Osteopathic Medicine (D.O.)
- Master of Public Health (M.P.H.)
- Master of Science in Biomedical Informatics (M.S.)
- Master of Science in Disaster and Emergency Management (M.S.)
- Master of Science in Medical Education (M.S.)
- Master of Science in Nutrition (M.S.)
- Bachelor of Science in Human Nutrition (B.S.)
- Bachelor of Science in Public Health (B.S.)
- Graduate Certificate in Emergency Medicine
- 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

## Dr. Pallavi Patel College of Health Care Sciences

- Bachelor of Science—Cardiovascular Sonography (B.S.)
- Bachelor of Science in Exercise and Sport Science (B.S.)
- Bachelor of Health Science (B.H.Sc.)
- Bachelor of Science—Medical Sonography (B.S.)
- Bachelor of Science in Respiratory Therapy (B.S.)
- Bachelor of Science in Speech-Language and Communication Disorders (B.S.)
- Master of Science in Anesthesia (M.S.)
- Master of Science in Athletic Training (M.S.A.T.)
- Master of Health Science (M.H.Sc.)
- Master of Occupational Therapy (M.O.T.)
- Master of Medical Science in Physician Assistant (M.M.S.)
- Master of Science in Speech-Language Pathology (M.S.)
- Doctor of Audiology (Au.D.)
- Doctor of Health Science (D.H.Sc.)
- Doctor of Philosophy in Health Science (Ph.D.)

# DEGREE PROGRAMS

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

## College of Medical Sciences

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

## College of Dental Medicine

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

## Ron and Kathy Assaf College of Nursing

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

## Dr. Kiran C. Patel College of Allopathic Medicine

- Doctor of Medicine (M.D.)





HEALTH  
PROFESSIONS  
DIVISION

NOVA  
SOUTHEASTERN  
UNIVERSITY

# NSU'S HEALTH PROFESSIONS DIVISION DEGREE PROGRAMS

## Dual Degrees

- Bachelor of Science—Cardiovascular Sonography (B.S.) and Master of Health Science (M.H.Sc.)
- Bachelor of Science—Medical Sonography (B.S.) and Master of Health Science (M.H.Sc.)
- Master of Health Science (M.H.Sc.)/Doctor of Health Science (D.H.Sc.)
- Bachelor of Science in Public Health (B.S.)/Doctor of Osteopathic Medicine (D.O.)
- Doctor of Osteopathic Medicine (D.O.)/Doctor of Dental Medicine (D.M.D.)

## Concurrent Degrees

- Doctor of Osteopathic Medicine (D.O.)/Master of Science in Medical Education (M.S.)
- Doctor of Osteopathic Medicine (D.O.)/Master of Public Health (M.P.H.)
- Doctor of Osteopathic Medicine (D.O.)/Master of Science in Biomedical Informatics (M.S.)
- Doctor of Osteopathic Medicine (D.O.)/Master of Science in Disaster and Emergency Management (M.S.)
- Doctor of Osteopathic Medicine (D.O.)/Master of Science in Nutrition (M.S.)
- Doctor of Pharmacy (Pharm.D.)/Master of Business Administration (M.B.A.)
- Doctor of Pharmacy (Pharm.D.)/Master of Public Health (M.P.H.)
- Doctor of Pharmacy (Pharm.D.)/Master of Science in Biomedical Informatics (M.S.)
- Doctor of Optometry (O.D.)/Master of Public Health (M.P.H.)
- Doctor of Audiology (Au.D.)/Master of Business Administration (M.B.A.)
- Master of Medical Science (M.M.S.)/Master of Public Health (M.P.H.)
- Doctor of Dental Medicine (D.M.D.)/Master of Public Health (M.P.H.)
- Doctor of Dental Medicine (D.M.D.)/Master of Business Administration (M.B.A.)

## NOTEWORTHY RECOGNITIONS



- NSU moved up from last year to rank 191 among national universities in *U.S. News & World Report's* 2019 list of top 200 “Best Colleges.” The rankings are based on several measures of quality, including graduation and retention rates, assessment of excellence, and student selectivity.

- *U.S. News & World Report* ranked three of NSU’s online programs among the best in the nation.



- Online Colleges ranked NSU’s online programs 3rd in Florida and 12th overall in the United States for online educational opportunities.

- NSU ranked 8th in the nation for overall opportunities for military service members, 10th in the nation for doctoral degrees, and 11th in the nation for bachelor’s and master’s degrees and credit for military training. More than 2,500 accredited colleges and universities were ranked on a variety of factors, including affordability, student services, and the availability of online programs.



- *U.S. News & World Report's* list of the top 100 graduate schools in the country includes three NSU HPD programs: physician assistant (#40); occupational therapy (#44), and pharmacy (#77).



- *Diverse: Issues in Higher Education* listed NSU 5th among U.S. colleges and universities for the overall number of minority graduate degree recipients. The 2015–2016 data published by *Diverse* is collected by the Integrated Postsecondary Education Data System (IPEDS).

# RECOGNITIONS

**NOVA SOUTHEASTERN UNIVERSITY** | **NSU** Florida

**\$5-BILLION** IMPACT ON ECONOMIC BENEFITS FOR **FLORIDA** BY 2020

**1 OF ONLY 9** U.S. UNIVERSITIES THAT "COULD CHALLENGE THE ELITE" BY 2030

**1 OF ONLY 50** UNIVERSITIES NATIONWIDE TO ALSO BE AWARDED CARNEGIE'S COMMUNITY ENGAGEMENT CLASSIFICATION

**2ND LARGEST,** PRIVATE, NONPROFIT UNIVERSITY IN THE SOUTHEAST

**CLASSIFIED AS A** UNIVERSITY WITH "HIGH RESEARCH ACTIVITY" BY THE CARNEGIE FOUNDATION FOR THE ADVANCEMENT OF TEACHING

**150+** ACADEMIC PROGRAMS

- BACHELOR'S
- MASTER'S
- SPECIALIST
- DOCTORAL
- PROFESSIONAL
- CERTIFICATE

**235 FUNDED RESEARCH PROJECTS** AT NSU ADDRESSING

- AUTISM SPECTRUM DISORDERS
- CANCER THERAPIES
- CARDIOVASCULAR FATIGUE SYNDROME
- CHRONIC FATIGUE SYNDROME
- CORAL REEF PRESERVATION
- OPIOID AND SUBSTANCE ABUSE
- AND MUCH MORE

Nova Southeastern University—synonymous with dynamic innovation and intellectual challenge—is the second largest, private, nonprofit university in the Southeast. Situated on a beautiful, 314-acre campus in Fort Lauderdale, Florida, the university is experiencing a sustained period of academic growth, fiscal strength, and commitment to the challenges of the 21st century. In this environment of expansion and stability, the university is capitalizing on its strengths in such areas as academic innovation, comprehensive clinical training, and flexible educational delivery systems.

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

For more information, please visit [nova.edu](http://nova.edu).

*This brochure is for information purposes only and does not represent a contract. Information contained herein is subject to change at any time by administrative decision on the direction of the board of trustees. Updated information can be found on our website ([osteopathic.nova.edu/masters](http://osteopathic.nova.edu/masters)).*

# NSU

## Florida

Dr. Kiran C. Patel College  
of Osteopathic Medicine  
**NOVA SOUTHEASTERN  
UNIVERSITY**

### OSTEOPATHIC GRADUATE PROGRAMS

Office of Admissions

(954) 262-1101

877-640-0218

3200 South University Drive

Fort Lauderdale, Florida

33328-2018

