



COLLEGE OF  
**Pharmacy**

HEALTH PROFESSIONS DIVISION • ENTERING CLASS 2014



## NOVA SOUTHEASTERN UNIVERSITY

Nova Southeastern University, synonymous with dynamic innovation and intellectual challenge, is the largest independent not-for-profit university in the Southeast, and with an enrollment of nearly **27,000** students, is the **ninth largest** in the United States. Situated on a beautiful, 314-acre campus in Fort Lauderdale, Florida, the university is experiencing a sustained period of academic growth, fiscal strength, and commitment to the challenges of the 21st century.

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

Founded in 1964 as Nova University, the institution merged with Southeastern University of the Health Sciences in 1994, creating Nova Southeastern University. To date, the institution has more than **150,000** alumni. Fully accredited by the Commission on Colleges of the Southern Association of Colleges and Schools, the university awards associate's, bachelor's, master's, educational specialist, and doctoral degrees in a wide range of fields including the health professions, law, business, marine sciences, psychology, social sciences, computer and information sciences, and education.

The university's degree programs are administered through **16 academic centers** that offer courses at the main campus and at field-based locations throughout Florida; across the nation; and at selected international sites in Europe, Mexico, the Pacific Rim, Central and South America, and the Caribbean.

With a budget of more than \$220 million per year and an upward trend in enrollment, the university will continue to maintain a solid record of academic and fiscal strength and excellence in teaching and community service, while expanding its mission in research and scholarship.

### NSU MISSION STATEMENT

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





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## LETTER FROM THE HPD CHANCELLOR

If you wish to be a leader in the health professions, Nova Southeastern University can help you reach your potential.

In less than two decades, NSU's Health Professions Division has developed into a multidisciplinary academic health center of international stature. Composed of the Colleges of Osteopathic Medicine, Pharmacy, Dental Medicine, Optometry, Health Care Sciences, Medical Sciences, and Nursing, the Health Professions Division has redoubled its commitment to academic excellence, innovation, and community service, while expanding its mission in research and scholarship. Working together, our distinguished faculty members prepare students for an exciting career on tomorrow's dynamic health care team.

A handwritten signature in black ink that reads "Fred Lippman". The signature is fluid and cursive, with a prominent initial "F" and "L".

Fred Lippman, R.Ph., Ed.D.  
Health Professions Division Chancellor



# HEALTH PROFESSIONS DIVISION

As a student in the Health Professions Division of Nova Southeastern University, you can anticipate a remarkable experience. You will train, study, interact, and share faculty and resources (either campus-based or online) with students from various backgrounds and disciplines. This interdisciplinary approach distinguishes the Health Professions Division as unique and will better prepare you to master your discipline with a sensitivity and understanding of the entire health care system.

The Health Professions Division occupies a \$70 million complex, covering 21 acres of the university campus. The division includes eight buildings totaling more than 900,000 square feet of space for classrooms, laboratories, offices, the Health Professions Division Library, an outpatient health center, and a pharmaceutical care center. The adjacent 1,800-vehicle parking garage overlooks the Miami Dolphins Training Camp.

The Health Professions Division, with a student body of more than 5,800, is home to seven colleges.



## 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 Preparedness (M.S.)
- Graduate Certificate in Health Education
- Graduate Certificate in Medical Informatics
- Graduate Certificate in Public Health
- Graduate Certificate in Public Health Informatics

## College of Pharmacy

- Doctor of Pharmacy (Pharm.D.)
- Doctor of Philosophy in Pharmacy (Ph.D.)—Molecular Medicine and Pharmacogenomics
- Doctor of Philosophy in Pharmacy (Ph.D.)—Pharmaceutics
- Doctor of Philosophy in Pharmacy (Ph.D.)—Social and Administrative Pharmacy

## College of Optometry

- Doctor of Optometry (O.D.)
- Master of Science in Clinical Vision Research (M.S.)

## College of Health Care Sciences

- Bachelor of Health Science (B.H.Sc.)
- Bachelor of Health Science (B.H.Sc.)—Cardiovascular Sonography
- Bachelor of Health Science (B.H.Sc.)—Vascular Sonography
- Bachelor of Science in Respiratory Therapy (B.S.R.T.)
- Master of Health Science (M.H.Sc.)
- Master of Health Science (M.H.Sc.)—Anesthesiologist Assistant
- Master of Health Science (M.H.Sc.)—Cardiovascular Sonography
- Master of Health Science (M.H.Sc.)—Vascular Sonography
- Master of Health Science (M.H.Sc.)/Doctor of Health Science (D.H.Sc.)
- Doctor of Health Science (D.H.Sc.)
- Doctor of Philosophy in Health Science (Ph.D.)
- Master of Medical Science in Physician Assistant (M.M.S.)
- Master of Occupational Therapy (M.O.T.)
- Entry-Level Doctor of Occupational Therapy (O.T.D.)
- Doctor of Occupational Therapy (Dr.OT)
- Doctor of Philosophy in Occupational Therapy (Ph.D./OT)

## College of Health Care Sciences (continued)

- Entry-Level Doctor of Physical Therapy (D.P.T.)
- Hybrid Entry-Level Doctor of Physical Therapy (D.P.T.)
- Transition Doctor of Physical Therapy (D.P.T.)
- Doctor of Philosophy in Physical Therapy (Ph.D.)
- Doctor of Audiology (Au.D.)

## College of Medical Sciences

- Master of Biomedical Sciences (M.B.S.)
- Certificate in Anatomical Studies

## College of Dental Medicine

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

## College of Nursing

- Entry-Level Bachelor of Science in Nursing (B.S.N.)
- R.N. to B.S.N.
- R.N. to M.S.N.
- Master of Science in Nursing (M.S.N.)—Advanced Practice Registered Nurse, FNP
- Master of Science in Nursing (M.S.N.)—Health Systems Leadership
- Master of Science in Nursing (M.S.N.)—Nursing Education
- Master of Science in Nursing (M.S.N.)—Nursing Informatics
- Doctor of Nursing Practice (D.N.P.)
- Doctor of Philosophy in Nursing (Ph.D.)

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 Web site ([www.pharmacy.nova.edu](http://www.pharmacy.nova.edu)).

**PROFESSION OF PHARMACY**

The most visible pharmacy practice is in the nation's 60,000 independent and chain pharmacies, yet this accounts for only about half of the 225,000 people employed in the profession. Many work at hospitals as directors, staff members, and clinical specialist pharmacists. Pharmacists can become specialists in several areas of patient care through postgraduate training. Consultant pharmacists provide services to nursing homes and home health care patients.

Pharmacists are employed as researchers in universities and in the pharmaceutical and biotechnology industries. They are also engaged in the production and quality control of pharmaceutical products. Others are employed by the industry as medical liaisons. Pharmacists also fill vital administrative and regulatory roles in government.

The professional responsibilities of pharmacists are expanding rapidly to meet the demands of a dynamic health care system. Prospective drug use review and the offering of consultation services are now mandatory in all states. Through the provision of pharmaceutical care, an increasing number of pharmacists are involved with disease state management. As pharmacists move more directly into patient care, the technical functions of prescription dispensing are being carried out by technicians and technology, but the ultimate responsibility for what takes place at the drug-patient interface remains with the pharmacist.

**HISTORY OF THE COLLEGE OF PHARMACY**

Nova Southeastern University's College of Pharmacy admitted its first class in 1987, becoming the first college of Pharmacy in south Florida. In fall 2000, the NSU College of Pharmacy opened a West Palm Beach Program at I-95 and PGA Boulevard. In fall 2001, it opened a full-time program on the campus of Pontifical Catholic University in Ponce, Puerto Rico. This program will move to San Juan in the fall of 2014. Each location has its own administration, faculty, and support staff. Interactive video technology is used to provide lectures to the three sites simultaneously. This provides for live interaction between the lecturer and students, regardless of location. Identical handouts, texts, and tests are used. Communication through telephone, fax, online technology, and email is available to students at all sites. All students have access to the Health Professions Division Library, computer labs, online learning resources, and the vast technological innovations provided by NSU, which has been a leader in distance education programs for many years.

In an effort to meet the growing demands of the pharmacy profession world wide, the Nova Southeastern University College of Pharmacy provided an opportunity for international pharmacy graduates to enter the Doctor of Pharmacy (Pharm.D.) program. In 2002, the college matriculated its first group of international pharmacy graduates into the Doctor of Pharmacy degree program on the Fort Lauderdale campus.



Nova Southeastern University's College of Pharmacy (NSU-COP) provides a quality education to students looking to become pharmacists who are successful leaders and catalysts for change within the profession. Pharmacy is a rewarding, dynamic profession, one that

beckons outstanding students to explore its many opportunities while taking on new responsibilities in the changing health care environment. By providing a unique educational experience—with the best classroom, laboratory, and experiential education available—NSU-COP gives its graduates the ability to thrive in all areas of the profession, now and in the future.

At the heart of our college are exceptional students who are mentored by a committed and talented faculty. Our faculty members are recognized as experts and dedicated to providing quality professional and graduate education with a focus on excellence. They provide ample opportunities for student interaction through student organizations, in the classroom, and in research projects. The availability of numerous and diverse pharmacy-specific student organizations ensures all students are actively engaged in the profession from an early stage in their career development.

NSU's College of Pharmacy is a member of the NSU Health Professions Division, providing students with the

opportunity to be part of interprofessional collaboration, a necessary component of progressive health care. The college provides quality education, using live videoconferencing to three different locations: Fort Lauderdale and Palm Beach, Florida, and San Juan, Puerto Rico. These locations provide all students with ongoing exposure to diverse cultures; high-quality education; and exciting, extracurricular activities. Our advanced-standing entry-level program helps meet the needs of international pharmacists looking to supplement their education with the knowledge of patient-centered care.

We boast amazing alumni who have been very successful in their chosen career environments, and who selflessly provide ongoing education and mentoring to our current students. Our alumni and our preceptors provide student opportunities for growth in all ways that define a professional.

We are proud of our students, faculty members, and alumni pharmacists. I look forward to your application and encourage you to become a part of this exceptional institution.

Lisa Deziel, B.S.Ph., Pharm.D., Ph.D.  
Dean









Since its inception and admission of the charter class in 1987, the NSU College of Pharmacy (NSU-COP) has been a leader in pharmacy education and research throughout the United States. The college currently ranks 12th in Pharm.D. degrees awarded to African American students and 1st in Pharm.D. degrees awarded to Hispanic students. It has

- graduated more than 3,500 pharmacists since its inception, a third of whom are practicing in South Florida
- led the nation in the level of enrollment of Hispanic doctoral pharmacy students
- developed pharmacy residency programs in general pharmacy practice, ambulatory care, community pharmacy, drug information, HIV/infectious disease, and psychiatry
- developed fellowship programs in consumer health informatics and neurocognitive pharmacy
- developed a Drug Information Center in Ponce, Puerto Rico, that provided area health care providers with current information on pharmaceuticals
- brought the latest American pharmaceutical education to leading institutions of higher learning in Latin America and Asia

This program features faculty exchanges, collaboration on research projects, and seminars on advances in patient-oriented pharmacy.

- developed two ambulatory care pharmacies for innovative teaching and testing of pharmacists' expanding roles
- implemented a pathway for international pharmacy graduates to obtain a Pharm.D. degree
- initiated a Doctor of Pharmacy and Master of Business Administration (Pharm.D./M.B.A.) dual-degree program
- designed and implemented travel-study programs to China, Japan, the United Kingdom, Puerto Rico, and Slovakia
- provided unique, themed continuing education pharmacy programs
- initiated a Doctor of Philosophy (Ph.D.) program with an emphasis on drug development (pharmaceuticals), molecular medicine and pharmacogenomics, and social and administrative pharmacy

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- developed collaborative agreements with international colleges of pharmacy
- created a medicinal garden to serve as a repository for living medicinal plants for treating human illness and maintaining health and to teach students the properties and roles of these plants
- developed the first foot reflexology pathway built on the U.S. East Coast (at the university's recently renovated medicinal and healing garden)
- inaugurated the country's first Center for Consumer Health Informatics Research, generating discoveries that leverage the potential of consumer health informatics to improve patient health (The center has been designated as the world's first World Health Organization's Collaborating Center in Consumer Health Informatics.)

## MISSION STATEMENT

### College of Pharmacy

The mission of the NSU College of Pharmacy is to educate professionals who will address the pharmacy-related needs of society. An outstanding curriculum provides students with the knowledge, skills, and attitudes that enable new-era pharmacists to participate in roles essential to the delivery of patient-centered care in a dynamic health care environment, while promoting dedication to lifelong learning. Graduate programs cultivate the research and leadership skills necessary for successful careers in academia, industry, and government agencies.

Educational opportunities are provided to a diverse group of students on campus and at distant sites through the use of innovative technology.

- **vision statement:** Through our programs of innovative teaching, service, research, and scholarship, we will achieve the distinction of being a premier college of pharmacy.
- **values:** Entrepreneurship, excellence, innovation, integrity, professionalism, respect for diversity, service, and teamwork

## **A VARIETY OF ORGANIZATIONS IN WHICH STUDENTS CAN PARTICIPATE ARE AVAILABLE.**

### **HEALTH PROFESSIONS DIVISION STUDENT GOVERNMENT**

The Health Professions Division Student Government is recognized by HPD administration as the official student voice on all university issues. The student members of the organization are the president and vice president of each of the college's student councils.

### **COLLEGE OF PHARMACY STUDENT GOVERNMENT ASSOCIATION**

Student government is the official voice for all pharmacy students. The organization is open to all students and welcomes proposals and participation from the entire student body. The responsibilities of student council include collecting and expressing student opinion, dispensing funds for student activities, acting as a liaison for the student body, promoting pharmacy, supporting club and class activities, and working to improve the quality of life for all students at the College of Pharmacy.

Four voting representatives are elected from each class. In the spring of each year, Student Government Association officers—president, vice president, secretary, and treasurer from the Fort Lauderdale site and vice presidents and secretaries from the West Palm Beach and Puerto Rico sites—are nominated from this pool of representatives.

### **ACADEMY OF MANAGED CARE PHARMACY (AMCP)**

In 1997, NSU students formed the nation's third student chapter of the Academy of Managed Care Pharmacy. The organization is largely concerned with the administrative and patient care issues of individuals enrolled in HMOs, PPOs, etc. Members receive AMCP periodicals and other educational materials, attend national meetings, visit practice sites, shadow practitioners, and have speaker/discussion meetings on managed care topics.

### **ALPHA ZETA OMEGA (AZO)**

Alpha Zeta Omega is a pharmaceutical fraternity composed of pharmacists and undergraduates in pharmacy selected on the basis of character, fellowship, and scholarship. The objectives of the fraternity are to promote the profession of pharmacy; to develop high standards of scholarship; to instill a spirit of fellowship among its members; to bring together a body of individuals who, by diligent maintenance of ethical ideals and faithful service, have proven to be a credit to their chosen profession; to honor achievement in others; to commend all worthy deeds; and to build within the fraternity a triangle composed of peace, friendship, and brotherly love.

### **AMERICAN PHARMACISTS ASSOCIATION ACADEMY OF STUDENT PHARMACISTS (APHA-ASP)**

The Academy of Student Pharmacists (ASP) of the American Pharmacists Association (APhA) is the student branch of America's largest and oldest association of pharmacists, the American Pharmacists Association. This pharmacy organization is also the only one that represents all practice settings, and at present, has more than 10,000 student members attending the schools and colleges of pharmacy across the country.

The ASP has representation within the organization and has its own standing committees on education programs, publications, awards, and policy. Each member of ASP also receives the full benefits of membership in APhA, and through periodic publications and meetings, can keep up-to-date on the developments and events that affect the practice of pharmacy. At the local level, student members can participate in service projects that benefit the college and the community, as well as social activities that foster school spirit. Any pharmacy student can be a member of ASP and still be eligible for participation in any other campus organization.



### **AMERICAN SOCIETY OF CONSULTANT PHARMACISTS (ASCP)**

The American Society of Consultant Pharmacists is the international professional association that provides leadership, education, advocacy, and resources to advance the practice of senior care pharmacy. Consultant pharmacists specializing in senior care pharmacy are essential participants in the health care system, recognized and valued for the practice of pharmaceutical care for the senior population and people with chronic illnesses. In their role as medication therapy experts, consultant pharmacists take responsibility for their patients' medication-related needs; ensure their patients' medications are the most appropriate, effective, and safest possible and are used correctly; and identify, resolve, and prevent medication-related problems that may interfere with the goals of therapy.

### **CHRISTIAN PHARMACIST FELLOWSHIP INTERNATIONAL (CPFI)**

The CPFI is a worldwide, interdenominational ministry of individuals working in all areas of pharmaceutical services and practice. The student chapter's mission is to help students grow spiritually and promote fellowship among pharmacists and students. The advancement of knowledge and ethics in the practice of pharmacy is encouraged.

### **COLLEGE OF PSYCHIATRIC AND NEUROLOGIC PHARMACISTS (CPNP)**

CPNP is devoted to the advancement of education, practice, and science, as well as the interests of those who practice in the area of psychiatric or neurologic pharmacy. The objectives of this organization are to facilitate the dissemination of information regarding psychotherapeutic agents, patient care, and community support; endorse the Psychiatric Pharmacy Certification Exam process, supporting programs for the preparation of candidates for the exam; facilitate programs in the areas of psychiatric and neurologic pharmacy at national meetings of organizations that support our interests; improve patient care; and promote research in patient care.

### **FLORIDA SOCIETY OF HEALTH-SYSTEM PHARMACISTS (FSHP)**

The Florida Society of Health-System Pharmacists student chapter participates in "shadowing" programs that allow students to accompany hospital pharmacists through their daily activities, broadening exposure to hospital pharmacies. Members are also involved in community service projects such as Poison Prevention Week and National Pharmacy Week.

### **INTERNATIONAL PHARMACEUTICAL STUDENTS FEDERATION (IPSF)**

IPSF encourages students and education providers to work together to prepare tomorrow's pharmacists to work in a rapidly changing global health care environment. The objective of IPSF is to study and promote the interests of pharmaceutical students and to encourage international cooperation among them. Events sponsored by IPSF include an annual congress, a student exchange program, and an international patient counseling event.

### **INTERNATIONAL SOCIETY OF PHARMACO-ECONOMICS AND OUTCOME RESEARCH (ISPOR)**

ISPOR promotes the science of pharmacoeconomics (health economics) and outcomes research (the scientific discipline that evaluates the affect of health care interventions on patient well-being, including clinical, economic, and patient-centered outcomes) and facilitates the translation of this research into useful information for health care decision-makers to increase the efficiency, effectiveness, and fairness of health care to improve health.

### **JEWISH PHARMACY STUDENT ORGANIZATION (JPSO)**

The purpose of JPSO is to motivate and equip pharmacy students to practice faith in Judaism in their personal and professional lives. JPSO provides Jewish Pharmacy Students with the opportunity to learn about Judaism via a "Lunch and Learn" program and to learn about pharmacy practice and leadership from various health care professionals during chapter meetings.

## **KAPPA PSI**

The Kappa Psi fraternity promotes and maintains a serious atmosphere through its professional programs, and thus supplies an intellectual stimulus essential in pursuing college work in pharmacy. The fraternity also provides social functions, contacts, and the opportunity to develop qualities of leadership for the general growth of members and the profession of pharmacy.

## **NATIONAL COMMUNITY PHARMACISTS ASSOCIATION (NCPA)**

NCPA (formerly NARD) provides pharmacy students with the opportunity to interact with successful pharmacy practitioners across the nation in order to build a career in an independent pharmacy setting. Information on how to start your own pharmacy through financing and management is presented, along with strategies on successful retail operations. A matching service that brings together employers and employees and a listing of pharmacies for sale are both provided. Legislative and regulatory developments are supplied to the students.

## **PHI DELTA CHI**

The Phi Delta Chi fraternity is an association formed to advance the science of pharmacy and to foster a fraternal spirit among its members. Being a member is a lifelong experience that promotes scholastic, professional, and social growth in order to advance pharmacy. Each member serves the public health and has a goal to be a leader in the profession.

## **PHI LAMBDA SIGMA**

The purpose of Phi Lambda Sigma, the national pharmacy leadership society, is to promote the development of leadership qualities in pharmacy, especially among pharmacy students. By peer recognition, the society encourages participation in all pharmacy activities. Membership crosses fraternal and organizational lines, and therefore,

the society does not compete with any other organization. Members are selected by peer recognition. No greater honor can be bestowed upon a person than to be recognized as a leader by peers. Such recognition serves to instill self-confidence and to promote greater efforts toward the advancement of pharmacy. Further, peer recognition stimulates the less active student to a more active role.

## **RHO CHI**

Rho Chi is the national honor society for pharmacy. Members are selected on the basis of academic excellence—a capacity for achievement in the science and art of pharmacy and the allied sciences. Men and women are chosen on the basis of strength of character, personality, and leadership. They must rank in the highest 20 percent of the class and have obtained a scholastic average equivalent to the second-highest letter grade. They are eligible for election after completing six semesters or nine quarters of scholastic work applicable toward the degree granted by their school of pharmacy. Rho Chi elections, therefore, take place in either the second year or the third professional year of most pharmacy curricula. The society also provides for graduate student, faculty, alumni, and honorary membership.

## **STUDENT NATIONAL PHARMACEUTICAL ASSOCIATION (SNPhA)**

The Student National Pharmaceutical Association (SNPhA) is an educational service association of pharmacy students who are concerned about pharmacy and health care-related issues, as well as the promotion of minority representation in pharmacy and other health-related professions. The purpose of SNPhA is to plan, organize, coordinate, and execute programs geared toward the improvement of the health, educational, and social environment of the community.



Circumstances may warrant that a student enrolled in one pharmacy college seeks to transfer to another institution. Any individual wishing to transfer to Nova Southeastern University College of Pharmacy must

1. make a formal application to the NSU College of Pharmacy Office of Admissions
2. meet admission requirements to NSU College of Pharmacy—including submitting official transcripts of all college work (including pharmacy transcripts)
3. be interviewed
4. be in good standing at the transferring institution, as documented by a letter from the dean of the transferring institution
5. supply a written statement outlining reasons for requesting a transfer

Decisions on transfer applications are made by the dean. The decision will be based on factors that include, but are not limited to, the student's academic record, the circumstances leading to the transfer request, available space, and admission standards.

Students entering the College of Pharmacy with an advanced standing may be given credit for courses applicable to the courses outlined in the curriculum of the College of Pharmacy.

The dean's office will evaluate the courses and however, must be completed in seven calendar years. A minimum of 16 credit hours of didactic coursework and a minimum of five clerkships must be completed at Nova Southeastern University.





The Doctor of Pharmacy degree is awarded after successful completion of four years of professional study in the College of Pharmacy. At their initial orientation, students are exposed to library and online resources, professionalism, and academic expectations. The curriculum stresses innovative delivery and assessment methods. The curriculum is designed so courses integrate information and build upon one another in order to provide students with the knowledge and skills necessary to be successful in the profession.

The didactic component of the curriculum builds a foundation in the medical and pharmaceutical sciences. Traditional courses in physiology, pathophysiology, biochemistry, microbiology, research design, and statistics are provided in order to develop a solid foundation. Pharmaceutical science courses, including Pharmaceutics, Pharmacokinetics, and Nonprescription Therapies, are designed to provide students with a strong understanding of the principles of drug therapy. The innovative curriculum also includes the integration of medicinal chemistry and pharmacology into one course titled Pharmacodynamics, which runs five semesters. Insight into the business, human relations, communication, marketing, and legal aspects of pharmacy and the health care system are also provided. Students are actively involved in the two-semester Introduction to Professionalism and Leadership that covers such topics as ethics and professionalism and promotes student advocacy in the profession and the community.

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 fee.

Additionally, the curriculum includes courses that focus on application of material learned in previous semesters. Pharmacotherapy addresses the use of drugs in the disease process and physical assessment provides students with hands-on opportunities to develop skills essential to monitoring and managing medication therapy. Students hone their analytical skills with courses in pharmacoeconomics and outcomes research and biomedical literature evaluation.

Opportunities for the students to participate in pharmacy practice first hand are provided early in the curriculum. In their second year, students spend four hours a week in a community pharmacy setting. Practice experiences in the third year involve eight hours per week in hospital and pharmacy service preclinical settings. Patient Care Management Lab is initiated during the second year and continues through the third. This provides a chance for students to integrate information learned in all courses of the curriculum in order to facilitate application of the material in real-life practice settings.

During the fourth year, through experiential coursework, students will complete nine 160-hour Advanced Pharmacy Practice (APPE) courses, six in direct patient care areas and three selective experiences in specialty health care areas. Each term of the fourth year curriculum includes a Professional Development Capstone course that offers a student-initiated review and update of calculations and case-based drug therapy evaluations. During the final month of the fourth year, students return to their respective sites for a week of live instruction and board exam preparation. There are several APPE sites available in Puerto Rico. However, students should expect to attend sites outside of the commonwealth of Puerto Rico for the completion of APPEs.

## FIRST YEAR

### FALL SEMESTER

Biochemistry . . . . .	4
Pharmaceutics I . . . . .	3
Pharmacy Calculations (online) . . . . .	1
Medical Terminology (online) . . . . .	0
Pharmacodynamics I . . . . .	3
Pharmacy and the U.S. Health Care System . . . . .	2
Introduction to Professionalism and Leadership I . . . . .	1
Physiology and Pathophysiology I . . . . .	4
<b>Credits.</b> . . . . .	<b>18</b>

### WINTER SEMESTER

Pharmaceutics II . . . . .	2
Pharmaceutics Compounding Laboratory . . . . .	1
Pharmacokinetics . . . . .	4
Pharmacodynamics II . . . . .	3
Introduction to Professionalism and Leadership II . . . . .	1
Introduction to Drug Information and Health Informatics . . . . .	2
Physiology and Pathophysiology II . . . . .	4
<b>Credits.</b> . . . . .	<b>17</b>

## SECOND YEAR

### FALL SEMESTER

Physical Assessment (institute) . . . . .	2
Microbiology . . . . .	3
Pharmacotherapy I . . . . .	3
Pharmacodynamics III . . . . .	4
Social and Behavioral Pharmacy . . . . .	2
Pharmacy Law . . . . .	2
Introductory Pharmacy Practice Experience—Community I . . . . .	1.5
Research Design and Statistics . . . . .	3
<b>Credits.</b> . . . . .	<b>20.5</b>

### WINTER SEMESTER

Nonprescription Therapies . . . . .	3
Pharmacodynamics IV . . . . .	4
Communication in Patient Care . . . . .	2
Introductory Pharmacy Practice Experience—Community II . . . . .	1.5
Pharmacotherapy II . . . . .	5
Patient Care Management Theory I . . . . .	1
Patient Care Management Laboratory I . . . . .	0
Biomedical Literature Evaluation . . . . .	2
<b>Credits.</b> . . . . .	<b>18.5</b>





**THIRD YEAR**

**FALL SEMESTER**

Pharmacoeconomics/Outcomes Research . . . . . 2

Pharmacy Management . . . . . 3

Introductory Pharmacy Practice  
Experience—Health System . . . . . 2

Pharmacotherapy III . . . . . 6

Patient Care Management Theory II . . . . . 1

Patient Care Management Laboratory II . . . . . 0

Pharmacodynamics V . . . . . 3

Elective I . . . . . 2

**Credits.** . . . . . 19

**WINTER SEMESTER**

Pharmacotherapy IV . . . . . 6

Patient Care Management Theory III . . . . . 1

Patient Care Management Laboratory III . . . . . 0

Public Health . . . . . 2

Introductory Pharmacy Practice Experience—  
Pharmacy Service . . . . . 2

Pharmacy Practice Seminar . . . . . 1

Elective II . . . . . 2

Elective III . . . . . 2

**Credits.** . . . . . 16

**FOURTH YEAR**

Advanced Pharmacy Practice  
Experience—Internal Medicine . . . . . 4

Advanced Pharmacy Practice  
Experience—Ambulatory Care . . . . . 4

Advanced Pharmacy Practice  
Experience—Community Patient Care I . . . . . 4

Advanced Pharmacy Practice  
Experience—Community Patient Care II . . . . . 4

Advanced Pharmacy Practice  
Experience—Acute Patient Care I . . . . . 4

Advanced Pharmacy Practice  
Experience—Acute Patient Care II . . . . . 4

Advanced Pharmacy Practice  
Experience—Selective I . . . . . 4

Advanced Pharmacy Practice  
Experience—Selective II . . . . . 4

Advanced Pharmacy Practice  
Experience—Selective III . . . . . 4

Professional Development Capstone I . . . . . 0

Professional Development Capstone II . . . . . 0

Professional Development Capstone III . . . . . 0

**Credits.** . . . . . 36

The College of Pharmacy selects students based on pre-pharmacy academic performance, Pharmacy College Admission Test (PCAT) scores, personal interviews, written applications, and letters of evaluation.

1. Prior to matriculation, NSU College of Pharmacy applicants must complete a minimum of 76 semester hours of coursework at a regionally accredited college or university, including the following required courses:

COURSE	SEMESTER HOURS
General Biology including laboratory . . . . .	8
Anatomy and Physiology including laboratory . .	8
General Chemistry including laboratory . . . . .	8
Organic Chemistry including laboratory . . . . .	8
General Physics including laboratory . . . . .	8
English . . . . .	6
Calculus . . . . .	3
Speech . . . . .	3
Statistics . . . . .	3
Macroeconomics or Microeconomics . . . . .	3
Humanities/Social/Behavioral Sciences	
Social/Behavioral Sciences . . . . .	3
Humanities . . . . .	3
Humanities or Social/Behavioral Sciences . . .	9
Advanced Biology (cellular or molecular biology, microbiology, biochemistry or genetics) . . . . .	
	3
<b>TOTAL . . . . .</b>	<b>76</b>

2. Students must have a cumulative GPA of 2.75 or higher on a 4.0 scale. To assure a well-rounded background for professional studies and adequate preparation in mathematics and sciences, the college requires students to earn a grade of 2.0 or higher

in each required pre-pharmacy course and a minimum grade of 2.0 in all biology, chemistry, and mathematics courses. We also recommend additional upper-level science courses in biology and chemistry areas such as biochemistry, molecular biology, cell biology, analytical chemistry, and medicinal chemistry. The dean is empowered to evaluate the total qualifications of every applicant and to modify requirements in exceptional circumstances.

3. Applicants are required to submit official scores from the Pharmacy College Admission Test (PCAT). The PCAT is designed to measure verbal ability, quantitative ability, reading comprehension, and knowledge of biology and chemistry. PCAT scores must be no more than five years old at the time of interview.

Applicants should take the PCAT no later than January prior to the expected date of matriculation. Candidates should schedule pre-pharmacy coursework so they complete biology and some chemistry courses before taking the PCAT. The half-day test is offered in July, September, October, and November of 2013 and January of 2014 at locations throughout the United States and Canada. You may register online at [www.pcatweb.info](http://www.pcatweb.info) or call 800-622-3231 for a brochure. You may also forward a written request to

Pharmacy College Admission Test  
 The Psychological Corporation  
 555 Academic Court  
 San Antonio, Texas 78204

It is the responsibility of the applicant to contact the Office of International Students and Scholars (OISS) for information on immigration regulations and student visa requirements. It is the responsibility of students who do not have U.S. citizenship or permanent resident status to ensure that their visa status allows for the issue of a Social Security number. A Social Security number is mandatory to receive an intern license, which is a requirement for placement on practice experiences. Without practice experiences, a student cannot complete the curriculum or the requirements of the Pharm.D. degree program. Students with concerns about visa or Social Security status should contact the OISS.



## PRIMARY APPLICATION PROCESS

All three of the College of Pharmacy sites (Fort Lauderdale, Palm Beach, and Puerto Rico) participate in the Pharmacy College Application Service (PharmCAS) for the receipt and processing of all applications. PharmCAS takes no part in the selection of students.

Applicants may submit applications electronically through PharmCAS Online, an interactive Web-based application that can be accessed through [www.PharmCAS.org](http://www.PharmCAS.org). Applicants choosing to submit a paper application may contact PharmCAS directly for an application packet at

PharmCAS  
19 Main Street  
Watertown, Massachusetts 02472  
  
(617) 612-2050

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

The applicant should submit the following materials to PharmCAS:

- a completed PharmCAS application
- an official transcript from the registrars of all colleges and universities attended (This must be mailed directly to PharmCAS by the college or university.)
- a letter of evaluation from the pre-professional committee, (if such a committee does not exist, letters of evaluation from two science professors and a liberal arts professor are necessary)
- a letter of evaluation from a pharmacist is highly recommended and may substitute for a letter from a professor
- PCAT scores that are no more than five years old

The PharmCAS application process takes four–six weeks.

The deadline for submitting a PharmCAS application for NSU-COP is January 6.

## SECONDARY APPLICATION PROCESS

In addition to completing the PharmCAS application, Nova Southeastern University requires the completion of a secondary application. Upon receipt of the PharmCAS Application, NSU-COP will forward a secondary application.

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

The applicant should submit the following materials to Nova Southeastern University:

- a completed secondary application
- a nonrefundable application fee of \$50

The deadline date for submitting the secondary application for NSU-COP is March 1.

All admissions materials sent to Nova Southeastern University should be sent to

NOVA SOUTHEASTERN UNIVERSITY  
Enrollment Processing Services  
College of Pharmacy, Office of Admissions  
3301 College Avenue, P.O. Box 299000  
Fort Lauderdale, Florida 33329-9905

## ADDITIONAL APPLICATION INFORMATION FOR PUERTO RICO

For more application information for the Puerto Rico site, applicants may contact the Office of Student Services in Puerto Rico by calling (787) 841-2000, ext. 2431, or emailing [prphss@nova.edu](mailto:prphss@nova.edu). All correspondence with the college should be in English.

**INTERVIEW PROCESS**

Upon receipt of the completed application and the required credentials, the committee on admissions will select applicants for interview. Those selected will be notified in writing of the time and place. All applicants who are admitted by the college must be interviewed, but an invitation to appear for an interview should not be construed as evidence of acceptance.

**NOTICE OF ACCEPTANCE**

Notice of acceptance or other action by the Committee on Admissions will be on a “rolling” or periodic schedule. Early completion of the application process is in the best interest of the applicant.

**TRANSCRIPTS**

After acceptance, final and official transcripts from all colleges and universities attended, and/or final and official documents must be received within 90 calendar days from the start of the term. If these final and official transcripts and/or documents are not received by that time, the student will not be allowed to continue class attendance. In addition, financial aid will not be disbursed to a student until he or she provides all the necessary documents required to be fully admitted as a regular student.

**FOREIGN COURSEWORK**

All coursework taken at a foreign institution must be evaluated for U.S. institution equivalence. It is the applicant’s responsibility to have foreign coursework evaluated and have an official course-by-course evaluation, with a calculated overall grade point average, if available, sent to the institution. Foreign coursework must be evaluated by one of the services listed below.

**Educational Credential Evaluators, Inc.**

P.O. Box 514070

Milwaukee, Wisconsin 53203-3470

(414) 289-3400 • [www.ece.org](http://www.ece.org)

**Josef Silny & Associates, Inc.**

International Education Consultants

7101 SW 102nd Avenue

Miami, Florida 33173

(305) 273-1616 • [www.jsilny.com](http://www.jsilny.com)

**World Education Services, Inc.**

Bowling Green Station

P.O. Box 5087

New York, New York 10274-5087

(212) 966-6311 • [www.wes.org](http://www.wes.org)

Worldwide, pharmacy practice in the health care environment has evolved significantly in the last decades. However, pharmacy education in many countries provides limited opportunities for development and growth in areas related to clinical pharmacy. In an effort to meet the demand for postgraduate clinical pharmacy education, NSU's College of Pharmacy provides an opportunity for international pharmacy graduates to enter the Pharm.D. degree program with advanced standing. Upon completion of the degree program, students are eligible to take the North American Pharmacist Licensing Examination® (NAPLEX®).

International pharmacy graduates applying for the Pharm.D. program may be awarded advanced standing based on their previous coursework. Advanced standing and the actual degree curriculum will vary based on the matriculant's previous pharmacy coursework. The curriculum provided is representative of a typical international pharmacy graduate entering the Pharm.D. degree program.

## FIRST YEAR

### FALL SEMESTER

PHRC 4000	Medical Terminology (online) . . . . .	0
PHRC 4200	Pharmacy Calculations (online) . . . . .	1
PHRC 6260	Clinical Pharmacology . . . . .	4
PHRC 4300	Pharmacy and the U.S. Health Care System. . . . .	2
PHRC 4580	Introduction to Professionalism and Leadership I . . . . .	1
PHRC 5300	Social and Behavioral Pharmacy . . . . .	2
PHRC 5380	Pharmacy Law. . . . .	2
PHRC 5410	Pharmacotherapy I . . . . .	3
PHRC 5350	Research Design and Statistics . . . . .	3
PHRC 5580	IPPE: Community I . . . . .	1.5
<b>TOTAL CREDITS . . . . .</b>		<b>19.5</b>

### WINTER SEMESTER

PHRC 4550	Introduction to Drug Information and Health Informatics. . . . .	2
PHRC 4680	Introduction to Professionalism and Leadership II . . . . .	1
PHRC 5150	Nonprescription Therapies. . . . .	3
PHRC 5330	Communication in Patient Care . . . . .	2
PHRC 5420	Pharmacotherapy II. . . . .	5
PHRC 5710	Patient Care Management Laboratory Theory I . . . . .	1
PHRL 5710	Patient Care Management Laboratory I . . . . .	0
PHRC 5570	Biomedical Literature Evaluation. . . . .	2
PHRC 5680	IPPE: Community II . . . . .	1.5
<b>TOTAL CREDITS . . . . .</b>		<b>17.5</b>



## SECOND YEAR

### FALL SEMESTER

PHRC 5000	Physical Assessment (multiday institute) . . . . .	2
PHRC 6250	Pharmacodynamics V . . . . .	3
PHRC 6350	Pharmacy Management . . . . .	3
PHRC 6370	Pharmacoeconomics/ Outcomes Research . . . . .	2
PHRC 6430	Pharmacotherapy III . . . . .	6
PHRC 6580	IPPE: Health . . . . .	2
PHRC 6720	Patient Care Management Laboratory Theory II . . . . .	1
PHRL 6720	Patient Care Management Laboratory II . . . . .	0
PHRE	Elective I . . . . .	2
	<b>TOTAL CREDITS . . . . .</b>	<b>21.0</b>

### WINTER SEMESTER

PHRC 6380	Public Health . . . . .	2
PHRC 6440	Pharmacotherapy IV . . . . .	6
PHRC 6540	Pharmacy Practice Seminar . . . . .	1
PHRC 6680	IPPE: Pharmacy Service . . . . .	2
PHRC 6730	Patient Care Management Laboratory Theory III . . . . .	1
PHRL 6730	Patient Care Management Laboratory III . . . . .	0
PHRE	Elective II . . . . .	2
	<b>TOTAL CREDITS . . . . .</b>	<b>14.0</b>

## THIRD YEAR

### ADVANCED PHARMACY PRACTICE EXPERIENCE

#### SUMMER/FALL/WINTER SEMESTERS

PHRC 7610	APPE: Internal Medicine . . . . .	4
PHRC 7620	APPE: Ambulatory Care . . . . .	4
PHRC 7630	APPE: Community Patient Care I . . . . .	4
PHRC 7640	APPE: Community Patient Care II . . . . .	4
PHRC 7650	APPE: Acute Patient Care I . . . . .	4
PHRC 7660	APPE: Acute Patient Care II . . . . .	4
PHRC 7670	APPE: Selective I . . . . .	4
PHRC 7680	APPE: Selective II . . . . .	4
PHRC 7690	APPE: Selective III . . . . .	4
PHRC 7801	Professional Development Capstone I . . . . .	0
PHRC 7802	Professional Development Capstone II . . . . .	0
PHRC 7803	Professional Development Capstone III . . . . .	0
	<b>TOTAL CREDITS . . . . .</b>	<b>36</b>
	<b>Total Credits for Graduation . . . . .</b>	<b>108.0</b>

IPPE—Introductory Pharmacy Practice Experience

APPE—Advanced Pharmacy Practice Experience

*The curriculum is frequently being revised and modified to meet the demands of the profession.*

*These courses are representative of the overall requirements of the programs at the time of publication.*

The College of Pharmacy selects international pharmacy graduates for the program based on previous academic performance, GRE scores, TOEFL scores (if applicable), written applications, pharmacy experience, and letters of evaluation.

Prior to matriculation, College of Pharmacy applicants must complete and receive a Bachelor of Science degree in Pharmacy from a program accredited by the country of residence. The college will evaluate all official transcripts to determine if the student has successfully completed the courses listed below with a grade of C or higher.

- anatomy and physiology. . . . . 6 semester hours
- biochemistry. . . . . 4 semester hours
- microbiology. . . . . 3 semester hours
- pharmacology. . . . . 6 semester hours
- pharmaceuticals. . . . . 6 semester hours
- pharmacokinetics. . . . . 4 semester hours

The college may require an applicant to complete additional prerequisite courses in order to strengthen his or her academic background.

It is required that students have a minimum 2.75 GPA, on a 4.0 scale, on all college-level coursework completed prior to matriculation into the college to ensure adequate preparation for the international program.

## GRADUATE RECORD EXAMINATION OR PHARMACY COLLEGE ADMISSION TEST

Applicants are required to submit official scores from either the Graduate Record Examination (GRE) or the Pharmacy College Admission Test (PCAT). The GRE general test (verbal reasoning, quantitative reasoning, and analytical writing) is required for admission. A combined GRE score greater than 300 is preferred (1000 in the previous grading system). The PCAT is designed to measure verbal ability, quantitative ability, reading comprehension, and knowledge of biology and chemistry. GRE and PCAT scores may be no more than five years old at the time of interview.

Applicants should take the PCAT no later than January prior to the expected date of matriculation. The half-day test is offered in July, September, October, and November of 2013 and January of 2014 at locations throughout the United States and Canada. You may register online at [www.pcatweb.info](http://www.pcatweb.info) or call 800-622-3231 for a brochure. You may also forward a written request to

Pharmacy College Admission Test  
The Psychological Corporation  
555 Academic Court  
San Antonio, Texas 78204

Proof of English proficiency is required of all applicants. The following standardized tests currently satisfy NSU College of Pharmacy English requirements for nonnative English speakers:

If students do not have U.S. citizen or permanent resident status, it is their responsibility to ensure that their visa status allows for the issue of a Social Security card. A Social Security number is mandatory in order to be placed on practice experiences (rotations), which is a requirement for the program. Any student with concerns on visa or Social Security card issues should call the International Department at (954) 262-7241 or 800-541-6682, ext. 27241, or email [intl@nova.edu](mailto:intl@nova.edu).





- Test of English as a Foreign Language (TOEFL)\* (213 on a computer-based test; 79–80 on the Internet-based test)
- International English Language Testing System (IELTS) 6.0 on the test module

\* TOEFL scores may be no more than two years old at the time of application.

Candidates who have taken college courses in the United States may also prove English proficiency by completing two college-level English composition courses at a regionally accredited college or university in the United States.

You can get the TOEFL brochure from the Office of Admissions by visiting their Web site ([www.toefl.org](http://www.toefl.org)), or by forwarding a written request to

TOEFL/TSE Services  
 P.O. Box 6153  
 Princeton, New Jersey 08541-6153  
 (609) 771-7100

## ACCREDITATIONS

Nova Southeastern University College of Pharmacy's Doctor of Pharmacy Program is accredited by the Accreditation Council for Pharmacy Education, 20 North Clark Street, Suite 2500, Chicago, IL 60602-5109, (312) 664-3575, 800-533-3606; FAX (312) 664-4652, Web site [www.acpe-accredit.org](http://www.acpe-accredit.org). The College of Pharmacy is a member of the American Association of Colleges of Pharmacy.

Nova Southeastern University is accredited by the Southern Association of Colleges and Schools Commission on Colleges to award associate's, baccalaureate, master's, educational specialist, doctorate, and professional degrees. Contact the Commission on Colleges at 1866 Southern Lane, Decatur, Georgia 30033-4097 or call 404-679-4500 for questions about the accreditation of Nova Southeastern University.

## NONDISCRIMINATION

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

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



Candidates for admission are responsible for submitting an application form, application fee, complete set of official transcripts, official foreign coursework evaluation, official GRE or PCAT and TOEFL scores (if applicable), and letters of evaluation.

## APPLICATION

A completed international application form along with a \$50 (U.S.), nonrefundable application fee must be submitted to the EPS no later than February 1 of the year of anticipated entry. An application is available on our Web site ([www.nova.edu](http://www.nova.edu)) or by contacting the Office of Admissions.

In order to complete your application, you must arrange to have the following documents forwarded to the EPS no later than March 1 of the year of anticipated entry.

## TRANSCRIPTS

Official college transcripts from all undergraduate and graduate institutions attended in the United States or U.S. territories must be forwarded directly from the institutions to the EPS. It is the applicant's responsibility to ensure that arrangements are made for these to be sent. Final transcripts of all of the applicant's work must be forwarded to the EPS prior to matriculation. Photocopies and facsimiles will not be accepted. A transcript is required for each college or university even though transfer credit from one institution may appear on another institution's transcript.

## FOREIGN COURSEWORK

All coursework taken at a foreign institution must be evaluated for U.S. institution equivalence. It is the applicant's responsibility to have foreign coursework evaluated and have an official course-by-course evaluation, with a calculated overall grade point average, if available, sent to the institution. Foreign coursework must be evaluated by one of the services listed below.

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

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

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

International Education Consultants  
7101 SW 102nd Avenue  
Miami, Florida 33173  
(305) 273-1616 • [www.jsilny.com](http://www.jsilny.com)

### **World Education Services, Inc.**

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



## TOEFL SCORES

Applicants must request to have official TOEFL scores sent if English is not their native language. Scores must come directly to the EPS from the testing center—photocopies and facsimiles will not be accepted.

## LETTERS OF EVALUATION

Three letters of recommendation/evaluation are required. One should be from the dean/director of a pharmacy program. In addition, a letter of reference from a registered pharmacist is recommended. Forms for letters of evaluation are available on our Web site ([www.nova.edu](http://www.nova.edu)) or by contacting the Office of Admissions.

Note: All documents submitted to the EPS become the property of Nova Southeastern University. Originals or copies of originals will not be returned to the applicant or forwarded to another institution, agency, or person.

Inquiries should be directed to

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

## INTERVIEW PROCESS

Upon receipt of the completed application and the required credentials, the most qualified applicants will be invited to interview. Those applicants selected will be notified in writing of the time and place. While all applicants who are admitted to the college must be interviewed, an invitation to appear for an interview should not be construed as evidence of acceptance.

## REQUIREMENTS

The International Pharmacy Graduate curriculum requires a student's full effort. All students are required to have ongoing access to a computer with the capability of accessing NSU's online resources and an active account with an Internet service provider (ISP).

**Students are responsible for their own transportation to all experiential sites.**

Students should anticipate spending approximately \$2,000 a year for books, electronic devices (e.g., iPads), equipment, and supplies, and \$14,000 for living expenses for a nine-month academic year.

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

The Office of Student Financial Assistance at Nova Southeastern University is there to help as many qualified students as possible to complete their pharmacy education. Various loans, scholarships, and grants are available to qualified students to help ease the high cost of a health professions education. Approximately 90 percent of College of Pharmacy students receive some form of financial assistance. These financial assistance programs are described on our Web site ([www.nova.edu/financialaid](http://www.nova.edu/financialaid)).

For information, contact

NOVA SOUTHEASTERN UNIVERSITY

Office of Student Financial Assistance

3301 College Avenue

Fort Lauderdale, Florida 33314-7796

(954) 262-3380 or 800-806-3680

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







### **FORT LAUDERDALE AND PALM BEACH, FLORIDA ENTRY-LEVEL STUDENTS**

Tuition for 2013–2014 is \$28,550 for Florida residents and \$32,250 for out-of-state students. Tuition for 2014–2015 will subsequently be posted on our Web site ([www.pharmacy.nova.edu](http://www.pharmacy.nova.edu)). A Health Professions Division general access fee of \$145 is required each year. An NSU student services fee of \$900 is also required annually. All tuition and fees are subject to change by the board of trustees without notice.

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

### **SAN JUAN, PUERTO RICO ENTRY-LEVEL STUDENTS**

Tuition for 2013–2014 is \$28,550 (U.S.) for Florida and Puerto Rico residents and \$32,250 (U.S.) for non-Florida and non-Puerto Rico residents. Tuition for 2014–2015 will subsequently be posted on our Web site ([www.pharmacy.nova.edu](http://www.pharmacy.nova.edu)). A Health Professions Division general access fee of \$145 is required each year. An NSU student services fee of \$900 is also required annually. All tuition and fees are subject to change by the board of trustees without notice.

### **INTERNATIONAL PHARMACY GRADUATES**

Tuition for 2013–2014 is \$39,660 (U.S.). Tuition for 2014–2015 will subsequently be posted on our Web site ([www.pharmacy.nova.edu](http://www.pharmacy.nova.edu)). A Health Professions Division general access fee of \$145 is required each year. An NSU student services fee of \$900 is also required annually. All tuition and fees are subject to change by the board of trustees without notice.

### **FEES AND DEPOSITS**

1. **Acceptance Fee—\$500.** This fee is required to reserve the accepted applicant's place in the entering first-year class. This advance payment will be deducted from the tuition payment due on registration day, but is not refundable in the event of a withdrawal. It is payable within three weeks of an applicant's acceptance.
2. **Preregistration Fee—\$500.** This is due March 15, under the same terms as the Acceptance Fee.

The first semester's tuition and fees, less the \$1,000 previously paid, are due on or before registration day. Tuition for each subsequent semester is due on or before the appropriate registration day. Students will not be permitted to register until their financial obligations have been met. The financial ability of applicants to complete their training at the college is important because of the limited number of positions available in each class. Applicants should have specific plans for financing a professional education. This should include tuition, living expenses, books, equipment, and miscellaneous expenses.

Each student is required to carry adequate personal medical and hospital insurance. Students may avail themselves of the hospitalization insurance plan obtainable through the university.



*NSU's Medicinal and Healing Garden on the main campus*

## **FORT LAUDERDALE, FLORIDA**

The Fort Lauderdale program is located in the Health Professions Division Administration Building. Most lectures will be presented by interactive video from the Fort Lauderdale campus with faculty on-site to assist students in Palm Beach, Florida, and San Juan, Puerto Rico. Some lectures will be broadcast to Fort Lauderdale from the distance sites. The Fort Lauderdale site is equipped with pharmacy practice, pharmaceuticals, pharmacokinetics, and pharmacy administration laboratories, a library, study rooms, computer labs, a drug resource and information center, and a student lounge.

Numerous apartments, condominiums, and other rental facilities are located near campus. Limited on-campus housing is also available. Information concerning on-and off-campus housing may be obtained by contacting

NOVA SOUTHEASTERN UNIVERSITY  
Office of Residential Life and Housing  
3301 College Avenue  
Fort Lauderdale, Florida 33314-7796  
(954) 262-7052

## **PALM BEACH, FLORIDA**

The Palm Beach program is located at the intersection of Interstate 95 and Military Trail in Palm Beach Gardens, Florida. The majority of lectures will be presented by interactive video from the Fort Lauderdale campus with faculty on-site to assist students in Palm Beach. The Palm Beach site is equipped with classrooms, a pharmaceuticals laboratory, study rooms, a computer lab, a drug resource and information center, and a student lounge. Palm Beach County is a thriving community, providing students with numerous opportunities for experiential education and clerkships.

For information on housing located near the Palm Beach facility, please visit our Web site at [www.pharmacy.nova.edu/pharmacy/wpalm/main.html](http://www.pharmacy.nova.edu/pharmacy/wpalm/main.html).





### **SAN JUAN, PUERTO RICO**

The Puerto Rico site of Nova Southeastern University's College of Pharmacy will be relocating in the fall of 2014 from Ponce to a beautiful, new location in San Juan. Students at the San Juan site will benefit from on-site faculty members, administrators, and staff members. The majority of class lectures will be presented by interactive video from the Fort Lauderdale campus. Puerto Rico-based student organizations will provide leadership and professional opportunities from the first year. Being in a smaller class gives students a strong support system. All lectures, handouts, reading materials, and tests are given in English to prepare students for the national practice of pharmacy. The San Juan location will have state-of-the-art facilities for pharmacy students and is equipped with lecture halls; student study rooms; computer, pharmaceuticals, and patient care management laboratories; a Drug Information Center; and additional meeting and classroom space fully equipped for compressed interactive video. Opportunities will exist for interprofessional learning with other NSU degree programs.

Help with housing is provided by the San Juan administration and the college's student services coordinator.

### **PONCE, PUERTO RICO, MAILING ADDRESS**

(for mail during the 2013–14 application time frame)  
Nova Southeastern University  
Pontifical Catholic University of Puerto Rico  
2250 Avenida Las Americas, Suite 607  
Ponce, Puerto Rico 00717-0777

Office: (787) 841-2000, ext. 2433  
Fax: (787) 841-2000, ext. 2429

### **SAN JUAN, PUERTO RICO, PHYSICAL ADDRESS**

Professional Office Park 4  
997 San Roberto Street  
San Juan, Puerto Rico 00926



# 1 TERRY ADMINISTRATION BUILDING

## FIRST FLOOR

- Student Affairs
- Admissions
- Financial Aid
- HPD Cafeteria

## SECOND FLOOR

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

## THIRD FLOOR

- College of Medical Sciences
- College of Pharmacy

## FOURTH FLOOR

- College of Osteopathic Medicine
- College of Optometry

## FIFTH FLOOR

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

## SECOND FLOOR

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

## THIRD FLOOR

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

# 4 PHARMACY AND PHARMACEUTICAL CARE CENTER

# 5 SANFORD L. ZIFF HEALTH CARE CENTER

## FIRST FLOOR

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

## SECOND FLOOR

- Optometry Clinics
- Optometry Dispensary

## THIRD FLOOR

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



# 6 DENTAL MEDICINE BUILDING

## FIRST FLOOR

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

## SECOND FLOOR

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

## THIRD FLOOR

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

# 2 ASSEMBLY BUILDING

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

# 3 LIBRARY/LABORATORY BUILDING

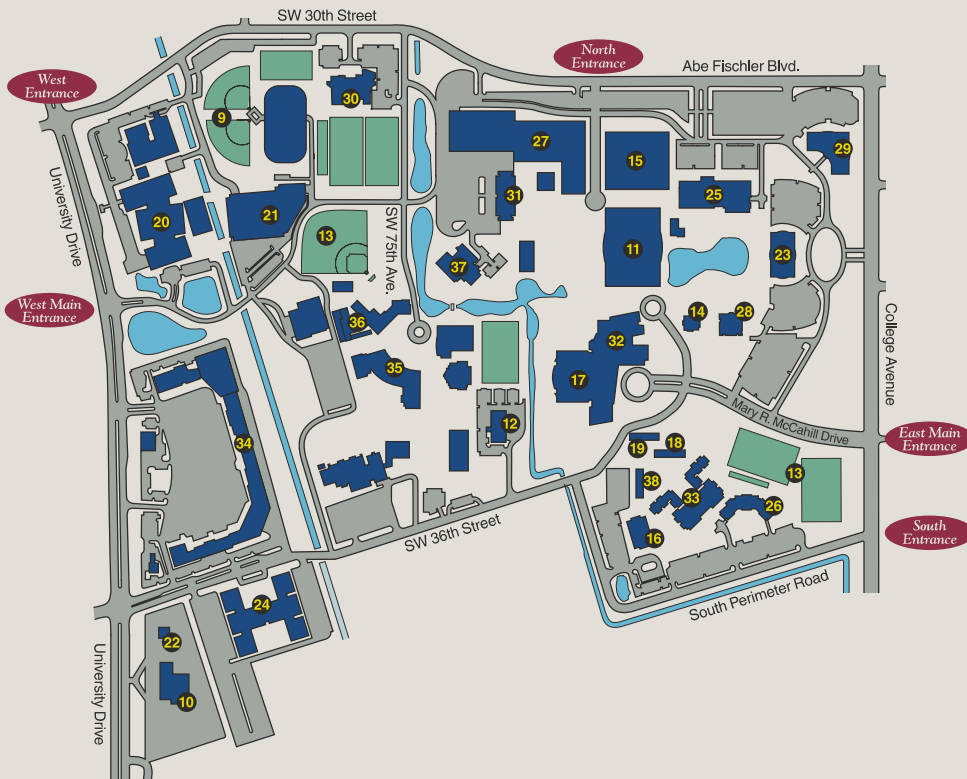
## FIRST FLOOR

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

# 7 PARKING GARAGE

# 8 HPD ASSEMBLY BUILDING

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



A.D. Griffin Sports Complex with Lighted Softball Fields . . .	9
Administrative Services Center . . . . .	10
Alvin Sherman Library, Research, and Information Technology Center . . . . .	11
Athletics and Business Services Building . . . . .	12
Athletics Fields . . . . .	13
Athletics and Student Affairs Building . . . . .	14
Carl DeSantis Building . . . . .	15
Cultural Living Center . . . . .	16
Don Taft University Center . . . . .	17
Farquhar Residence Hall . . . . .	18
Founders Residence Hall . . . . .	19
Health Professions Division Complex . . . . .	20
Health Professions Division Parking Garage . . . . .	21
Hearing and Balance Clinic . . . . .	22
Horvitz Administration Building . . . . .	23
Jim & Jan Moran Family Center Village . . . . .	24
Leo Goodwin Sr. Hall . . . . .	25
Leo Goodwin Sr. Residence Hall . . . . .	26
Library and Main Student Parking Garage . . . . .	27
Mailman-Hollywood Building . . . . .	28
Maltz Psychology Building . . . . .	29
Miami Dolphins Training Facility . . . . .	30
Parker Building . . . . .	31
Rosenthal Student Center . . . . .	32
The Commons Residence Hall . . . . .	33
University Park Plaza . . . . .	34
University School Lower School . . . . .	35
University School Middle School (Dauer Building) . . . . .	36
University School Upper (Sonken Building) . . . . .	37
Vettel Residence Hall . . . . .	38



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