

UNDERGRADUATE STUDENT CATALOG

2024-2025



Nova Southeastern University Undergraduate Student Catalog 2024–2025

Abraham S. Fischler College of Education and School of Criminal Justice

College of Computing and Engineering

College of Psychology

Dr. Kiran C. Patel College of Osteopathic Medicine

Dr. Pallavi Patel College of Health Care Sciences

Farquhar Honors College

H. Wayne Huizenga College of Business and Entrepreneurship

**Halmos College of Arts and Sciences and the
Guy Harvey Oceanographic Research Center**

Ron and Kathy Assaf College of Nursing

Shepard Broad College of Law

NSU Florida

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The Nova Southeastern University Undergraduate Student Catalog is a resource for information about academic program and curriculum requirements, academic policies, procedures for resolving academic and administrative grievances, course descriptions, and other information relevant to an undergraduate career at Nova Southeastern University (NSU).

The Undergraduate Student Catalog is published once each year. This catalog is comprised of information pertaining to undergraduate students of the colleges listed above. Students are bound by the curricula published in the catalog in effect the semester they enter the university. Students are bound by the policies in the most recently published version of the catalog. If there is an interruption in studies of more than one calendar year from the end of the last semester enrolled, the student must abide by the NSU Undergraduate Student Catalog in effect upon return, or to requirements approved by the student's department chair. Policies and requirements, including fees, are subject to change without notice at any time at the discretion of the NSU administration. NSU reserves the right to change curriculum, course structure, calendar, graduation requirements, and costs during the life of this publication. However, adequate notice of anticipated changes might be given to the student, whenever possible. The failure to read this catalog does not excuse students from the rules, policies, and procedures contained in it.

The NSU Undergraduate Student Catalog is published by the Division of Enrollment Management and Student Affairs. For questions and comments about the catalog, please contact:

Enrollment Management and Student Affairs
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Fort Lauderdale, Florida 33328-2004
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University Equal Opportunity/ Nondiscrimination Statement

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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 policy applies to all activities and programs. Inquiries about perceived discrimination, related policies, and Title IX may be referred to NSU's Title IX coordinator, the U.S. Department of Education's Office for Civil Rights, or both.

Laura Bennett

Title IX Coordinator/Managing Director of Title IX Compliance

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The office of the Title IX coordinator is remote/virtual with team offices in the Campus Support Building (170B, 171, 174). Please visit nova.edu/title-ix to review NSU's Title IX nondiscrimination policy and grievance procedures, to report information about conduct that may constitute sex discrimination, or to make a complaint of sex discrimination under Title IX.

All other inquiries or complaints regarding perceived discrimination should be directed to:

Benjamin Johnson, Ph.D.

Dean of Students

Phone: (954) 262-7281

Email: bj379@nova.edu

NSU Accreditations

Nova Southeastern University is accredited by the Southern Association of Colleges and Schools Commission on Colleges (SACSCOC) to award associate's, baccalaureate, master's, educational specialist, doctoral, and professional degrees. Nova Southeastern University also may offer credentials such as certificates and diplomas at approved degree levels. Questions

about the accreditation of Nova Southeastern University may be directed in writing to the Southern Association of Colleges and Schools Commission on Colleges at 1866 Southern Lane, Decatur, GA 30033-4097, by calling (404) 679-4500, or by using information available on SACSCOC's website (www.sacscoc.org).

Nova Southeastern University's Shepard Broad College of Law is a member of the Association of American Law Schools and is accredited by the Council of the Section of Legal Education and Admissions to the Bar of the American Bar Association, 321 North Clark Street, 21st Floor, Chicago, IL 60654; Telephone : (866) 641-8250.

The Dr. Kiran C. Patel College of Osteopathic Medicine is accredited by the Commission on Osteopathic College Accreditation of the American Osteopathic Association and is a member of the American Association of Colleges of Osteopathic Medicine.

The Bachelor of Science in Public Health is accredited by the Council on Education for Public Health (CEPH), 1010 Wayne Avenue, Suite 220, Silver Spring, MD 20910, Phone number 202-789-1050.

The Bachelor of Science in Human Nutrition, Didactic Program in Dietetics (DPD) is accredited by the Accreditation Council for Education in Nutrition and Dietetics (ACEND) (120 South Riverside Plaza, Suite 2190, Chicago, IL 60606-6995, Phone number: 800/877-1600, ext. 5400; eatrightpro.org/acend).

Nova Southeastern University's B.S. in Health and Wellness Coaching is an approved health and wellness coach training and education program by the National Board for Health and Wellness Coaching (NBHWC). Graduates of this program are eligible to apply for the HWC Certifying Examination to become National Board Certified Health and Wellness Coach (NBC-HWC).

The Cardiovascular Sonography program at NSU's Tampa Bay Regional Campus is accredited by the Commission on Accreditation of Allied Health Education Programs (www.caahep.org) upon the recommendation of the Joint Review Committee on Education in Cardiovascular Technology (JRC-CVT), in both Adult Echocardiography and noninvasive Vascular Sonography. Commission on Accreditation of Allied Health Education Programs, 25400 U.S. Highway 19 North, Clearwater, Florida 33763. Phone: (727) 210-2350, fax: 727-210-2354, www.caahep.org.

The NSU Florida Diagnostic Medical Sonography—Vascular program—is accredited by the Commission on Accreditation of Allied Health Education Programs (www.caahep.org).

The NSU Florida Diagnostic Medical Sonography—Abdomen-Extended program—is accredited by the Commission on Accreditation of Allied Health Education Programs (www.caahep.org).

The NSU Florida Diagnostic Medical Sonography—Obstetrics and Gynecology program—is accredited by the Commission on Accreditation of Allied Health Education Programs (www.caahep.org).

The Bachelor of Science in Nursing/Master of Science in Nursing/Doctor of Nursing Practice program and post-graduate APRN certificate program at Nova Southeastern University are accredited by the Commission on Collegiate Nursing Education (www.ccneaccreditation.org).

The Bachelor of Science in Paralegal Studies is accredited by the American Bar Association, 321 North Clark Street, Chicago, IL 60654; Telephone: (877) 390-0465.

The Bachelor of Science in Respiratory Therapy is accredited by the Commission on Accreditation for Respiratory Care (CoARC). 264 Precision Boulevard, Telford, TN 37690; telephone number: (817) 283-2835.

The Bachelor of Science (B.S.) in Elementary Education—ESOL/Reading Endorsements, B.S. in Exceptional Student Education—ESOL Endorsement, M.S. in Reading Education, M.S. in Educational Leadership, and Ed.S. in Educational Leadership, offered through the Abraham S. Fischler College of Education and School of Criminal Justice, are accredited by the Council for the Accreditation of Educator Preparation (CAEP).

The Abraham S. Fischler College of Education and School of Criminal Justice's M.S. and Ed.S. in Educational Leadership programs; M.S. in Reading Education; and Bachelor of Science programs in Elementary Education—ESOL/Reading Endorsements, Exceptional Student Education—ESOL Endorsement, Secondary Math Education, Secondary English Education—ESOL/Reading Endorsements, Secondary Biology Education, and Secondary Social Studies Education are all approved by the Florida Department of Education.

NSU's H. Wayne Huizenga College of Business and Entrepreneurship is accredited by AACSB International, the Association to Advance Collegiate Schools of Business.

The H. Wayne Huizenga College of Business and Entrepreneurship at Nova Southeastern University has received specialized accreditation for its business programs through the International Accreditation Council for Business Education (IACBE) located at 11374 Strang Line Road in Lenexa, Kansas, USA.

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Letter from the President



Welcome to Shark Nation, with the Mako Shark, Razor, as our mascot! As Sharks, you're beginning a journey full of new possibilities and experiences. Part of this journey is academic, as you learn from our robust and experienced faculty. You and your colleagues will benefit from their expertise, and you'll learn to work together as you tackle new challenges. I encourage you to take a wide latitude with your academic courses and explore subjects that can both excite and enrich.

Studies have shown that a student who is engaged outside of the classroom will remain enrolled at the university and ultimately graduate as a leader. As such, NSU has much to offer outside the classroom. We have many on-campus clubs and organizations to join, as well as internship opportunities across multiple disciplines. Also, our Shark student-athletes compete in a variety of sports and have won 11 NCAA national championships over the years. We even have an art museum in downtown Fort Lauderdale that is free for all students to explore.

I always advise students to keep their aim above their reach and set goals for which they can track their progress throughout the year. I know you'll make the most of your time at NSU and surpass those goals you set — Mako Sharks swim faster, jump higher, and always swim forward!

Go Sharks, and FINS UP!

Sincerely,

A handwritten signature in blue ink that reads "George L. Hanbury II". The signature is fluid and cursive, with a double underline at the end.

George L. Hanbury II, Ph.D.
President and CEO
Nova Southeastern University

NSU Mission Statement

The mission of NSU—a selective, doctoral-research university—is to deliver innovative academic programs in a dynamic, lifelong learning and research environment fostering integrity, academic excellence, leadership, and community service through engaged students, faculty, and staff.

NSU Vision 2025 Statement

By 2025, NSU will be recognized as a preeminent, professional-dominant, doctoral-research university that provides competitive career advantages to its students and produces alumni who serve and lead with integrity. Together we can change lives today and enrich the future for those who come after us.

NSU Core Values

Integrity
Academic Excellence
Community
Diversity
Innovation
Opportunity
Scholarship/Research
Student Centered

The Vision 2025 Statement, Mission Statement, and Core Values were adopted by the NSU Board of Trustees on March 29, 2021

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University History

In 1964, Nova University of Advanced Technology was chartered as a graduate institution specializing in the physical and social sciences. In 1972, Nova introduced its first off-campus course of study, a major in education. Soon, Nova became nationally recognized for its innovative distance learning programs.

The board of trustees changed the university's name to Nova University in 1974. Over time, Nova added programs in law, education, business, psychology, computer science, oceanography, social and systemic studies, and hospitality.

While Nova continued to expand its educational reach, Southeastern University of the Health Sciences also took an expansion course. Southeastern was created by osteopathic physicians committed to establishing a college of osteopathic medicine in the Southeast. As a result, Southeastern College of Osteopathic Medicine opened in 1981. From 1987 to 1997, the institution added Colleges of Pharmacy, Optometry, Allied Health, Medical Sciences, and the College of Dental Medicine, which admitted 88 students in 1997.

The merger of Nova University and Southeastern University of the Health Sciences in 1994 increased available resources and gave students the opportunity for a multi-disciplinary education and a better understanding of how their future professions related to society as a whole.

Today, Nova Southeastern University (NSU) is an accredited, co-educational institution providing educational programs from preschool through the professional and doctoral levels. The institution awards certificates, associate, bachelor, master, specialist, and first-professional degrees in a wide range of fields.

Those include the arts, business, counseling, conflict resolution, criminal justice, cross-disciplinary studies, engineering, computer and information sciences, education, humanities, medicine (D.O. program), optometry, pharmacy, dental medicine, nursing, various health professions, law, marine sciences, early childhood, psychology, and other social sciences. In 2018, NSU admitted the first class of the Dr. Kiran C. Patel College of Allopathic Medicine (M.D. program). The university's educational programs are

conducted at the Fort Lauderdale/ Davie Campus and locations throughout Florida, Puerto Rico, across the nation, and in several countries. NSU is accredited by the Southern Association of Colleges and Schools Commission on Colleges.

NSU is classified as a research university with “high research activity” by the Carnegie Foundation for the Advancement of Teaching. It is one of only 50 universities nationwide also awarded Carnegie’s Community Engagement Classification. NSU is the largest private, not-for-profit university in Florida with almost 21,000 students. It is one of the largest universities in the U.S. that meets U.S. Department of Education criteria as a Hispanic- Serving Institution.

Campus Facilities

Nova Southeastern University operates multiple campuses in the Miami to Fort Lauderdale area, to include the Fort Lauderdale/Davie campus and the Oceanographic Campus in Dania Beach. The university also has campuses in the Florida cities of Miami (Kendall), Jacksonville, Orlando, Tampa Bay, Fort Myers, Miramar, and Palm Beach, and in San Juan, Puerto Rico. In August 2019, NSU opened the Tampa Bay Regional Campus in Clearwater, featuring a 325,000 square-foot, state-of-the-art facility, and in 2022 NSU opened a campus in Denver CO. The campus in Fort Lauderdale/Davie is located on a 314-acre site 10 miles inland from the Atlantic Ocean and readily accessible via several highways and Florida’s Turnpike.

The campus is the central location for most of NSU’s colleges, with state-of-the-art classrooms, laboratories, patient simulation facilities, auditoriums, and computer centers.

NSU’s campus expansion added, new educational facilities, athletic venues, residence halls, and performing arts theatres. In 2003, the university dedicated the 110,000-square-foot Jim & Jan Moran Family Center Village, a model for early education programs across the country. It also dedicated the Carl DeSantis Building, the 261,000-square-foot home of the H. Wayne Huizenga College of Business and Entrepreneurship, and the College of Computing and Engineering. NSU’s Guy Harvey Oceanographic Research Center opened in 2012 as, one of the largest facilities in the U.S. dedicated to research and the conservation of marine life. The NSU Art Museum Fort Lauderdale boasts a permanent collection of more than 6,000 works, visual arts exhibits, arts curriculum, and educational programs in South Florida.

NSU’s Fort Lauderdale/Davie campus is home to the Rose and Alfred Miniaci Performing Arts Center, and the Alvin Sherman Library Research and information Technology Center, which serves the university and the residents of Broward County in a unique private-public partnership.

NSU’s library system, composed of the Alvin Sherman library,

Martin and Gail Press Health Professions Division Library, Panza Maurer Law Library, the William S. Richardson Ocean Sciences Library, and four junior K- 12 school libraries contribute to NSU’s strong academic research environment.

In 2006, the university opened the Don Taft University Center, a 366,000-square-foot recreation, athletic, and arts complex at the Fort Lauderdale/Davie Campus. The center is home to a multipurpose 4,500-seat arena and, studios, the Flight Deck Pub, a state-of-the-art gym, food court, and a performing and visual arts wing. The wing houses the Department of Communication, Media, and the Arts at the Halmos College of Arts and Sciences and the Guy Harvey Oceanographic Research Center. It includes the intimate Black Box Theatre, art gallery, performance theatre, and additional rooms supporting theatre, music, art, dance, and other creative activities.

Eight residence halls at the Fort Lauderdale/Dave Campus serve undergraduate students, including Mako Hall, a modern newly constructed 608-bed residence hall.

Opened in September 2016, NSU’s Center for Collaborative Research (CCR) is one of the largest and most advanced research facilities in Florida. The CCR provides wet and dry labs for NSU’s innovative researchers, a General Clinical Research Center, an outpatient facility, a technology incubator offering partnerships with innovative companies, and the NSU Cell Therapy Institute. The CCR also houses NSU’s Institute for Neuro-Immune Medicine; NSU’s Rumbaugh-Goodwin Institute for Cancer Research; the Emil Buehler Research Center for Engineering, Science and Mathematics; the U.S. Geological Survey (USGS), which partners with NSU on collaborative research. The Noel P. Brown Sports Center has a state-of-the-art fitness center, two full-sized basketball courts, a volleyball court, and areas for physical fitness activities and programming.

For a full overview of NSU’s campuses and facilities, refer to the Fact Book at nova.edu/publications/factbook/.

NSU Campus Locations

Fort Lauderdale/Davie Campus

3300 S. University Drive
Fort Lauderdale, Florida 33328-2004
Phone: 800-541-NOVA (6682)
Email: nsuinfo@nova.edu

Oceanographic Campus

8000 North Ocean Drive
Dania Beach, Florida 33004-3078
Phone: 800-39-OCEAN
Email: imcs@nova.edu

NSU Regional Campuses/ Instructional Sites

Denver, Colorado

Spivack Building,
6881 South Yosemite Street
Centennial, CO 80112
Email: nsu-regionalcampuses@nova.edu

Fort Myers, Florida

3650 Colonial Court
Fort Myers, Florida 33913
Phone: (239) 274-6070
Email: nsu-fortmyers@nova.edu

Jacksonville, Florida

6675 Corporate Center Parkway,
Suite 115
Jacksonville, Florida 32216
Phone: (904) 245-8910
Email: nsu-jacksonville@nova.edu

Miami, Florida

8585 SW 124th Avenue
Miami, Florida 33183
Phone: (305) 275-2601
Email: nsu-miami@nova.edu

Miramar, Florida

2050 Civic Center Place, Third Floor
Miramar, Florida 33025
Phone: (954) 262-9498
Email: nsu-miramar@nova.edu

Orlando, Florida

4850 Millenia Blvd.
Orlando, Florida 32839
Phone: (407) 264-5601
Email: nsu-orlando@nova.edu

Palm Beach, Florida

11501 North Military Trail
Palm Beach Gardens, Florida 33410
Phone: (561) 805-2100
Email: nsu-palmbeach@nova.edu

San Juan, Puerto Rico

997 San Roberto Street
San Juan, PR 00926
Phone: (787) 773-6501
Email: nsu-puertorico@nova.edu

Tampa Bay, Florida

3400 Gulf-to-Bay Blvd.
Clearwater, Florida 33759-4514
Phone: (813) 574-5200
Email: nsu-tampa@nova.edu

NSU Health Care Clinics

The Health Care Centers serve as integral parts of the student training programs and bring health care service to under-served areas of the community.

1750 N.E. 167th Street
North Miami Beach, FL 33162
Phone: (954) 262-4200

This center provides the community with full-service, primary care/family-medicine.

Health Care Center at Covenant Village of Florida

9215 West Broward Boulevard
Suite 3105
Plantation, FL 33324
Phone: (954) 916-6585

This center provides convenient medical care so that residents can quickly receive the health care they need.

Sanford L. Ziff Health Care Center

3060 South University Drive
Fort Lauderdale, FL 33328-2018
Phone: (954) 262-4200

This primary care facility offers state-of-the-art full-service capabilities. It houses family medicine, pediatrics, internal medicine, geriatrics, student health, obstetrics/ gynecology, osteopathic manipulative medicine, nutritional services occupational therapy, and a pharmacy. It also offers physical therapy, sports medicine and rehabilitation, optometric clinic, and an optical dispensary.

Student Health Care Clinics (Walk-In Service)

Sanford L. Ziff Health Care Center

3060 South University Drive
Fort Lauderdale, FL 33328-2018
Phone: (954) 262-4200

The mission of the Student Medical Center is to provide quality healthcare services to our students. It is staffed by board certified physicians and physician assistants who provide primary care

services including: physical exams, health care, immunizations, preventive care, general medical care, nutrition education and minor surgical procedures.

The Commons Residence Hall
Suite 135
Phone: (954) 262-1262

Audiology Clinic

Sanford L. Ziff Health Care Center

3060 South University Drive
Fort Lauderdale-Davie, FL 33328-2018
Phone: (954) 262-4200

The Audiology Clinic provides comprehensive hearing and vestibular services to patients of all ages. This faculty practice and community-care facility offers comprehensive audiology care within a teaching environment. Doctor of Audiology (Au.D.) students work beside faculty to provide service to patients. Patients and students develop a comfortable patient-provider relationship in a professional atmosphere with advanced technology and contemporary treatment programs.

Dental Medicine Patient Care Center

3050 South University Drive
Fort Lauderdale-Davie, FL 33328-2018
Phone: (954) 262-7500

Services are available to adults, children, adolescents, and elderly clients. All dental treatment meets or exceeds technical and ethical standards of care established by the dental profession. The college offers patients comprehensive and specialty care within a university setting. Patients choose from one of four affordable treatment options providing standard dental care, orthodontics, pediatric dentistry, endodontics (root canal therapy), periodontics (gum disease, implants), oral surgery (extractions), and prosthetics (complete and removable partial dentures, crowns, bridges).

Kids In Distress, Broward County

819 N.E. 26th Street, Building C
Wilton Manors, FL 33305
Phone: (954) 567-5640

Brief Therapy Institute

Maltz Building
3151 College Avenue
Fort Lauderdale-Davie Florida, 33314-7796

The clinic provides family, couples and individual brief therapy services on a sliding fee scale.

Developmental Assessment Clinic:

- **Diagnostic Services:** Psycho-developmental evaluations are provided for those who are suspected of having an autism spectrum disorder (ASD), exhibiting developmental delays, or experiencing early childhood behavioral difficulties. Additionally, the clinic serves adolescents with a prior diagnosis of ASD and/or developmental disabilities for reassessment purposes.
- **Autism Education Program:** The information provided to families for ASD intervention is both overwhelming and often inaccurate. Caregivers struggle to discern quality programs that are evidence-based from those that have little success. To address this need, a series of community-based, ongoing seminars and one-on-one caregiver follow-up sessions assist in determining the next steps after diagnosis.

Challenging Behavior Clinic:

Engaging in significant behavior problems can isolate children from peers, decrease ability to learn, and lead to elevated levels of stress in the home. The Challenging Behavior Clinic addresses these concerns through direct support for caregivers through parent training sessions, or individual sessions integrating care for children and caregivers. These treatments teach children adaptive methods to replace problem behaviors with functional skills.

Physical Therapy

Don Taft University Center
3300 S. University Drive Suite 1441b
Fort Lauderdale, FL 33328-2004
Phone: (954) 262-4149

Physical therapy provides treatment and preventive care for athletes and the community. Therapists help with all aspects of pain management in sports, and alternative therapies.

Occupational Therapy

Don Taft University Center
3300 S. University Drive, Suite 1441b
Fort Lauderdale, FL 33328-2004
Phone: (954) 262-4149

Occupational therapy assists patients of all ages with caring for themselves, participating in productive activities and interacting with others.

Speech-Language Pathology Clinic

6100 Griffin Road
Davie, FL 33314
Phone: (954) 262-7726

The Speech-Language Pathology Clinic conducts evaluations and treatment services for children and adults with speech, language, and communication delays and disorders. Faculty have expertise in developmental issues, autism, language & learning disabilities, stroke and disease, early intervention, stuttering, augmentative communication and cleft palate. Bilingual services are provided.

Sports Medicine Clinic

3300 S. University Drive, Suite 1433
Fort Lauderdale, FL 33328-2004
Phone: (954) 262-5590

The Sports Medicine Clinic is an interdisciplinary subspecialty of osteopathic medicine which deals with the treatment and preventive care of athletes, both amateur and professional. Our team includes primary care physicians, specialty physicians and surgeons, athletic trainers, physical therapists, coaches, dietitians, psychologists, strength and conditioning trainers, and of course the athlete.

The Eye Institute

3200 S. University Drive
Davie, FL 33328
Phone: (954) 262-4200

The Eye Institute provides primary eye care and pediatric/binocular vision services to the urban community in the downtown area as well as the hospital district patients. Along with routine and emergency eye care, services for early detection and monitoring and treatment of glaucoma and other eye diseases are provided by student's supervised by experienced faculty members in the state-of-the-art facility. Specialty care, including vision training for children up to 12 years of age, is offered by the Eye Institute's pediatric sections. A wide selection of frames for both children and adults are available at reasonable cost on-site.

Center of Student Counseling and Well-being by Henderson Behavioral Health

3300 S. University Drive.
Student Affairs Building, 3rd Floor
Fort Lauderdale, Florida 33328-2004
(954) 262-7050 or (954) 424-6911
Website: <https://www.nova.edu/studentcounseling/>

The NSU Center for Student Counseling and Well-Being by Henderson Behavioral Health offers a wide array of services and programs to support various aspects of student' well-being. These services include daily triage appointments for new students, medication management, and individual, couples, and family counseling. Additionally, we work with NSU Student Affairs to link students to psychoeducational programming and

personal growth groups. Examples of what a student can focus on in counseling include but are not limited to: Academic & Career Development, Relationship Challenges, Adjustment to Student Life, Depression, Stress & Time Management, Problem Solving & Goal Setting, Test and Seminar Anxiety, Eating and Body Image, Anxiety, and Substance Abuse. Henderson is accredited at the highest level to provide student counseling services by the Commission on the Accreditation of Rehabilitation Facilities (CARF).

Services Offered

- individual counseling
- couples counseling
- family counseling
- psychiatric services

How to make an appointment

Please register for an appointment accessing the HSCS portal at <https://www.nova.edu/studentcounseling/>

Daily Triage/Screening Appointments are available.

Payment

Part-time and full-time students can participate in up to 10 sessions per year, and counseling sessions are available at no cost. If seeing the psychiatrist, students are charged a nominal fee. Insurance is accepted.

Hours of Operation

| | |
|-----------|-----------------------|
| Monday | 8:30 a.m. – 6:00 p.m. |
| Tuesday | 8:30 a.m. – 8:00 p.m. |
| Wednesday | 8:30 a.m. – 8:00 p.m. |
| Thursday | 8:30 a.m. – 5:00 p.m. |
| Friday | 8:30 a.m. – 6:00 p.m. |

AFTER HOURS ON-CALL COUNSELOR: (954) 424-6911, available 24/7 (365 days per year): select #4 to connect to counselor

NSU Pharmacy

The NSU Pharmacy provides free screenings to NSU students, employees, and the public on the third Tuesday of every month.

This full-service pharmacy is available to students and the community for all prescription needs:

- Prescription dispensing
- Compounding tailor-made medicines
- Disease management programs - diabetes, hypertension, anticoagulation, hyperlipidemia, and osteoporosis
- Dosage monitoring for patients with multiple prescriptions
- Herbal and nutritional counseling
- Wellness screenings

Student Medical Center

The mission of the Student Medical Center is to provide quality primary health care services to our collegiate populations. Services include physical exams, women's health care, immunizations, preventive care, general medical care, and minor surgical procedures.

Overview of NSU Undergraduate Studies

Undergraduate courses at NSU emphasize high-quality instruction, small class size, and personal attention from an accomplished faculty of noted researchers, published authors, practitioners, and consultants. In addition to close faculty-student relationships, the university provides resources outside the classroom to help NSU undergraduates achieve their academic goals.

All undergraduate students at NSU undertake comprehensive general education coursework within the areas of written composition, mathematics, arts and humanities, social and behavioral sciences, and sciences.

Majors are offered in a variety of formats, including day, evening, online, or off-campus programs. Students should check the appropriate college section of this catalog for details about program formats, program requirements, major and minor descriptions, learning outcomes, and curricula. While students are assigned to a specific NSU college based on their major, they may take classes or minor in subjects from any of the other undergraduate colleges.

Academic Programs

MAJORS

| Major Fields of Study | Degrees | Offered by: |
|---|----------|--|
| Accounting | B.S.B.A. | H. Wayne Huizenga College of Business and Entrepreneurship |
| Applied Professional Studies | B.S. | Halmos College of Arts and Sciences and the Guy Harvey Oceanographic Research Center |
| Art and Design | B.A. | Halmos College of Arts and Sciences and the Guy Harvey Oceanographic Research Center |
| Biology | B.S. | Halmos College of Arts and Sciences and the Guy Harvey Oceanographic Research Center |
| Business of Health | B.S.B.A. | H. Wayne Huizenga College of Business and Entrepreneurship |
| Cardiovascular Sonography | B.S. | Dr. Pallavi Patel College of Health Care Sciences |
| Chemistry | B.S. | Halmos College of Arts and Sciences and the Guy Harvey Oceanographic Research Center |
| Child Development | B.S. | Abraham S. Fischler College of Education and School of Criminal Justice |
| Communication | B.A. | Halmos College of Arts and Sciences and the Guy Harvey Oceanographic Research Center |
| Computer Science | B.S. | College of Computing and Engineering |
| Criminal Justice | B.S. | Abraham S. Fischler College of Education and School of Criminal Justice |
| Dance | B.A. | Halmos College of Arts and Sciences and the Guy Harvey Oceanographic Research Center |
| Education | B.S. | Abraham S. Fischler College of Education and School of Criminal Justice |
| Elementary Education with ESOL/Reading Endorsements | B.S. | Abraham S. Fischler College of Education and School of Criminal Justice |
| Engineering | B.S. | College of Computing and Engineering |
| English | B.A. | Halmos College of Arts and Sciences and the Guy Harvey Oceanographic Research Center |
| Entrepreneurship | B.S.B.A. | H. Wayne Huizenga College of Business and Entrepreneurship |
| Environmental Science | B.S. | Halmos College of Arts and Sciences and the Guy Harvey Oceanographic Research Center |
| Exceptional Student Education with ESOL Endorsement | B.S. | Abraham S. Fischler College of Education and School of Criminal Justice |

| Major Fields of Study | Degrees | Offered by: |
|--|----------|--|
| Exercise and Sport Science | B.S. | Dr. Pallavi Patel College of Health Care Sciences |
| Finance | B.S.B.A. | H. Wayne Huizenga College of Business and Entrepreneurship |
| Health and Wellness Coaching | B.S. | Dr. Kiran C. Patel College of Osteopathic Medicine |
| Health Informatics | B.S. | Dr. Kiran C. Patel College of Osteopathic Medicine |
| History | B.A. | Halmos College of Arts and Sciences and the Guy Harvey Oceanographic Research Center |
| Human Services Administration | B.S. | Abraham S. Fischler College of Education and School of Criminal Justice |
| Human Nutrition | B.S. | Dr. Kiran C. Patel College of Osteopathic Medicine |
| Information Technology | B.S. | College of Computing and Engineering |
| Interdisciplinary Studies | B.S. | Halmos College of Arts and Sciences and the Guy Harvey Oceanographic Research Center |
| International Studies | B.A. | Halmos College of Arts and Sciences and the Guy Harvey Oceanographic Research Center |
| Law | B.S. | Shepard Broad College of Law |
| Legal Studies | B.S. | Halmos College of Arts and Sciences and the Guy Harvey Oceanographic Research Center |
| Management | B.S.B.A. | H. Wayne Huizenga College of Business and Entrepreneurship |
| Marine Biology | B.S. | Halmos College of Arts and Sciences and the Guy Harvey Oceanographic Research Center |
| Marketing | B.S.B.A. | H. Wayne Huizenga College of Business and Entrepreneurship |
| Mathematics | B.S. | Halmos College of Arts and Sciences and the Guy Harvey Oceanographic Research Center |
| Medical Sonography | B.S. | Dr. Pallavi Patel College of Health Care Sciences |
| Music | B.A. | Halmos College of Arts and Sciences and the Guy Harvey Oceanographic Research Center |
| Neuroscience | B.S. | College of Psychology |
| Nursing | B.S.N. | Ron and Kathy Assaf College of Nursing |
| Philosophy | B.A. | Halmos College of Arts and Sciences and the Guy Harvey Oceanographic Research Center |
| Political Science | B.A. | Halmos College of Arts and Sciences and the Guy Harvey Oceanographic Research Center |
| Property Management and Real Estate | B.S.B.A. | H. Wayne Huizenga College of Business and Entrepreneurship |
| Psychology | B.S. | College of Psychology |
| Public Health | B.S. | Dr. Kiran C. Patel College of Osteopathic Medicine |
| Respiratory Therapy First Professional | B.S.R.T. | Dr. Pallavi Patel College of Health Care Sciences |
| Respiratory Therapy Post-Professional Program—Online | B.S.R.T. | Dr. Pallavi Patel College of Health Care Sciences |
| Secondary Biology Education | B.S. | Abraham S. Fischler College of Education and School of Criminal Justice |
| Secondary English Education with ESOL/Reading Endorsements | B.S. | Abraham S. Fischler College of Education and School of Criminal Justice |
| Secondary Math Education | B.S. | Abraham S. Fischler College of Education and School of Criminal Justice |
| Secondary Social Studies Education | B.S. | Abraham S. Fischler College of Education and School of Criminal Justice |
| Sociology | B.S. | Halmos College of Arts and Sciences and the Guy Harvey Oceanographic Research Center |
| Speech-Language and Communication Disorders | B.S. | Dr. Pallavi Patel College of Health Care Sciences |
| Sport and Recreation Management | B.S.B.A. | H. Wayne Huizenga College of Business and Entrepreneurship |
| Theatre | B.A. | Halmos College of Arts and Sciences and the Guy Harvey Oceanographic Research Center |

MINORS

| Minor Fields of Study | Offered by: |
|--|--|
| Accounting | H. Wayne Huizenga College of Business and Entrepreneurship |
| African Diaspora Studies | Halmos College of Arts and Sciences and the Guy Harvey Oceanographic Research Center |
| Anthropology | Halmos College of Arts and Sciences and the Guy Harvey Oceanographic Research Center |
| Applied Behavior Analysis | College of Psychology |
| Applied Humanities | Halmos College of Arts and Sciences and the Guy Harvey Oceanographic Research Center |
| Applied Statistics | Halmos College of Arts and Sciences and the Guy Harvey Oceanographic Research Center |
| Arts Administration | Halmos College of Arts and Sciences and the Guy Harvey Oceanographic Research Center |
| Bioinformatics | Halmos College of Arts and Sciences and the Guy Harvey Oceanographic Research Center |
| Biology | Halmos College of Arts and Sciences and the Guy Harvey Oceanographic Research Center |
| Business (for non-business majors) | H. Wayne Huizenga College of Business and Entrepreneurship |
| Chemistry | Halmos College of Arts and Sciences and the Guy Harvey Oceanographic Research Center |
| Communication | Halmos College of Arts and Sciences and the Guy Harvey Oceanographic Research Center |
| Criminal Justice | Abraham S. Fischler College of Education and School of Criminal Justice |
| Cybersecurity | College of Computing and Engineering |
| Dance | Halmos College of Arts and Sciences and the Guy Harvey Oceanographic Research Center |
| Data Analytics | College of Computing and Engineering |
| Digital Media Production | Halmos College of Arts and Sciences and the Guy Harvey Oceanographic Research Center |
| Economics | H. Wayne Huizenga College of Business and Entrepreneurship |
| Education | Abraham S. Fischler College of Education and School of Criminal Justice |
| English | Halmos College of Arts and Sciences and the Guy Harvey Oceanographic Research Center |
| Entrepreneurship | H. Wayne Huizenga College of Business and Entrepreneurship |
| Exercise Science | Dr. Pallavi Patel College of Health Care Sciences |
| Experiential Leadership (available only to Hochberg-Miniaci Razor's Edge students) | Abraham S. Fischler College of Education and School of Criminal Justice |
| Film Studies | Halmos College of Arts and Sciences and the Guy Harvey Oceanographic Research Center |
| Finance | H. Wayne Huizenga College of Business and Entrepreneurship |
| Financial Planning | H. Wayne Huizenga College of Business and Entrepreneurship |
| Folklore and Mythology | Halmos College of Arts and Sciences and the Guy Harvey Oceanographic Research Center |
| Forensic Studies | College of Psychology |
| Gender Studies | Halmos College of Arts and Sciences and the Guy Harvey Oceanographic Research Center |
| Geographic Information Science | Halmos College of Arts and Sciences and the Guy Harvey Oceanographic Research Center |
| Global Engagement (available only to Hochberg-Miniaci Razor's Edge students) | Abraham S. Fischler College of Education and School of Criminal Justice |
| Graphic Design | Halmos College of Arts and Sciences and the Guy Harvey Oceanographic Research Center |
| Health and Wellness Coaching | Dr. Kiran C. Patel College of Osteopathic Medicine |
| Health Informatics | Dr. Kiran C. Patel College of Osteopathic Medicine |

| Minor Fields of Study | Offered by: |
|---|--|
| History | Halmos College of Arts and Sciences and the Guy Harvey Oceanographic Research Center |
| Holocaust and Genocide Studies | Halmos College of Arts and Sciences and the Guy Harvey Oceanographic Research Center |
| Honors Transdisciplinary Studies (available only to Farquhar Honors College students) | Farquhar Honors College |
| Human Nutrition | Dr. Kiran C. Patel College of Osteopathic Medicine |
| International Business | H. Wayne Huizenga College of Business and Entrepreneurship |
| International Law | Halmos College of Arts and Sciences and the Guy Harvey Oceanographic Research Center |
| International Studies | Halmos College of Arts and Sciences and the Guy Harvey Oceanographic Research Center |
| Journalism | Halmos College of Arts and Sciences and the Guy Harvey Oceanographic Research Center |
| Latin American and Caribbean Studies | Halmos College of Arts and Sciences and the Guy Harvey Oceanographic Research Center |
| Law, Science, and Technology | Shepard Broad College of Law |
| Legal Studies | Halmos College of Arts and Sciences and the Guy Harvey Oceanographic Research Center |
| Management | H. Wayne Huizenga College of Business and Entrepreneurship |
| Mathematics | Halmos College of Arts and Sciences and the Guy Harvey Oceanographic Research Center |
| Marine Biology | Halmos College of Arts and Sciences and the Guy Harvey Oceanographic Research Center |
| Marine Ecology | Halmos College of Arts and Sciences and the Guy Harvey Oceanographic Research Center |
| Marketing | H. Wayne Huizenga College of Business and Entrepreneurship |
| Mathematical Finance | H. Wayne Huizenga College of Business and Entrepreneurship |
| Medical Humanities | Halmos College of Arts and Sciences and the Guy Harvey Oceanographic Research Center |
| Military Science and Leadership (available only to ROTC students) | Abraham S. Fischler College of Education and School of Criminal Justice |
| Music | Halmos College of Arts and Sciences and the Guy Harvey Oceanographic Research Center |
| Neuroscience | College of Psychology |
| Optometry | Halmos College of Arts and Sciences and the Guy Harvey Oceanographic Research Center |
| Paralegal Studies | Shepard Broad College of Law |
| Pre-Health | Halmos College of Arts and Sciences and the Guy Harvey Oceanographic Research Center |
| Pharmaceutical Sciences | Halmos College of Arts and Sciences and the Guy Harvey Oceanographic Research Center |
| Philosophy | Halmos College of Arts and Sciences and the Guy Harvey Oceanographic Research Center |
| Physics | Halmos College of Arts and Sciences and the Guy Harvey Oceanographic Research Center |
| Political Science | Halmos College of Arts and Sciences and the Guy Harvey Oceanographic Research Center |
| Property Management | H. Wayne Huizenga College of Business and Entrepreneurship |
| Psychology | College of Psychology |
| Psychology for Health Sciences | College of Psychology |
| Public Health | Dr. Kiran C. Patel College of Osteopathic Medicine |
| Research Studies (available only to Hochberg-Miniaci Razor's Edge students) | Abraham S. Fischler College of Education and School of Criminal Justice |
| Scientific Diving | Halmos College of Arts and Sciences and the Guy Harvey Oceanographic Research Center |
| Social Innovation and Sustainability | H. Wayne Huizenga College of Business and Entrepreneurship |

| Minor Fields of Study | Offered by: |
|--|--|
| Sociology | Halmos College of Arts and Sciences and the Guy Harvey Oceanographic Research Center |
| Spanish | Halmos College of Arts and Sciences and the Guy Harvey Oceanographic Research Center |
| Speech-Language Pathology | Dr. Pallavi Patel College of Health Care Sciences |
| Sport and Recreation Management | H. Wayne Huizenga College of Business and Entrepreneurship |
| Strategic Communication | Halmos College of Arts and Sciences and the Guy Harvey Oceanographic Research Center |
| Studio Art | Halmos College of Arts and Sciences and the Guy Harvey Oceanographic Research Center |
| Theatre | Halmos College of Arts and Sciences and the Guy Harvey Oceanographic Research Center |
| Venture Creation (Available only to Huizenga Business Innovation Academy students) | H. Wayne Huizenga College of Business and Entrepreneurship |
| Writing | Halmos College of Arts and Sciences and the Guy Harvey Oceanographic Research Center |

CERTIFICATE PROGRAMS

| Field of Study | Offered by: |
|---|------------------------------|
| Post-Baccalaureate Certificate in Paralegal Studies | Shepard Broad College of Law |

CREDENTIAL COURSEWORK

| Field of Study | Offered by: |
|--|---|
| Child Development Associate Credential (CDA) | Abraham S. Fischler College of Education and School of Criminal Justice |
| Florida Director Credential | Abraham S. Fischler College of Education and School of Criminal Justice |

ADD-ON ENDORSEMENT

| | Offered by: |
|------------------|---|
| Driver Education | Abraham S. Fischler College of Education and School of Criminal Justice |

Academic Calendars

Students should check with their college program office to confirm the start and end dates of their classes. Student registration status (Senior, junior, sophomore, freshman) can be verified in SharkLink/Self-Service Banner. Credits counted include earned, in-progress, and registered credits.

Fall 2024

| FALL 2024 | Monday, August 19 – Sunday, December 8, 2024 |
|--|---|
| Registration for Seniors (90 credits or more) | Monday, April 8 (7:30 a.m. EST) – Sunday, August 25, 2024 |
| Registration for Juniors (60 to 89 credits) | Wednesday, April 10 (7:30 a.m. EST) – Sunday, August 25, 2024 |
| Registration for Sophomores (30 to 59 credits) | Monday, April 15 (7:30 a.m. EST) – Sunday, August 25, 2024 |
| Registration for Freshmen (0 to 29 credits) | Wednesday, April 17 (7:30 a.m. EST) – Sunday, August 25, 2024 |
| Open registration period for all students | Wednesday, April 17 – Sunday, August 25, 2024 |
| Last day to finalize payment/payment arrangements for Fall semester institutional charges to avoid cancellation of all courses | Monday, August 19, 2024 |
| Last day to pay Fall institutional charges to avoid late fee | Wednesday, September 18, 2024 |
| Drop/Withdraw Policy | |
| <i>Fall Term I and Full Semester Classes</i> | <i>Term I: Monday, August 19 – Sunday, October 13, 2024</i> <i>Full Semester: Monday, August 19 – Sunday, December 8, 2024</i> |
| Drop/Add during 1st week of Term/Full Semester (100% refund) | Monday, August 19 – Sunday, August 25, 2024 |
| Drop during 2nd week of Term/Full Semester (75% refund) | Monday, August 26 – Sunday, September 1, 2024 |
| Drop during 3rd week of Term/Full Semester (50% refund) | Monday, September 2 – Sunday, September 8, 2024 |
| Last Day to Withdraw Term I (no refund) | Sunday, September 22, 2024 |
| Last Day to Withdraw Full Semester Classes (no refund) | Sunday, November 17, 2024 |
| <i>Fall Term II</i> | <i>Term II: Monday October 14 – Sunday, December 8, 2024</i> |
| Drop/Add during 1st week of Term II (100% refund) | Monday, October 14 – Sunday, October 20, 2024 |
| Drop during 2nd week of Term II (75% refund) | Monday, October 21 – Sunday, October 27, 2024 |
| Drop during 3rd week of Term II (50% refund) | Monday, October 28 – Sunday, November 3, 2024 |
| Last Day to Withdraw Term II (no refund) | Sunday, November 17, 2024 |
| Exams | |
| Final Exam Dates for <i>Term I</i> | Monday, October 7 – Saturday, October 12, 2024 |
| Mid–Term Exam Dates for <i>Full Semester</i> | Monday, October 7 – Saturday, October 12, 2024 |
| Final Exam Dates for <i>Full Semester</i> and <i>Term II</i> | Monday, December 2 – Saturday, December 7, 2024 |
| University Holidays and Special Events | |
| Convocation | Thursday, August 15, 2024 |
| Labor Day (University Closed) | Monday, September 2, 2024 |
| Thanksgiving Break (University Closed) | Thursday, November 28 – Friday, November 29, 2024 |
| Winter Break (No Classes) | Monday, December 9, 2024 – Tuesday, January 5, 2025 |

Winter 2025

| WINTER 2025 | Monday, January 6 to Sunday, May 4, 2025 |
|--|--|
| Registration for Seniors (90 credits or more) | Monday, October 21, 2024 (7:30 a.m. EST) – Sunday, January 12, 2025 |
| Registration for Juniors (60 to 89 credits) | Wednesday, October 23, 2024 (7:30 a.m. EST) – Sunday, January 12, 2025 |
| Registration for Sophomores (30 to 59 credits) | Monday, October 28, 2024 (7:30 a.m. EST) – Sunday, January 12, 2025 |
| Registration for Freshmen (0 to 29 credits) | Wednesday, October 30, 2024 (7:30 a.m. EST) – Sunday, January 12, 2025 |
| Open registration period for all students | Wednesday, October 30, 2024 – Sunday, January 12, 2025 |
| Last day to finalize payment/payment arrangements for Winter semester institutional charges to avoid cancellation of all courses | Sunday, December 1, 2024 |
| Last day to pay winter institutional charges to avoid late fee | Wednesday, February 5, 2025 |

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| Drop/Withdraw Policy | |
| <i>Winter Term I and Full Semester Classes</i> | <i>Term I: Monday, January 6 - Sunday, March 2, 2025</i> <i>Full Semester: Monday, January 6 - Sunday, May 4, 2025</i> |
| Drop/Add during 1st week of Term/Full Semester (100% refund) | Monday, January 6 – Sunday, January 12, 2025 |
| Drop during 2nd week of Term/Full Semester (75% refund) | Monday, January 13 – Sunday, January 19, 2025 |
| Drop during 3rd week of Term/Full Semester (50% refund) | Monday, January 20 – Sunday, January 26, 2025 |
| Last Day to Withdraw Term I (no refund) | Sunday, February 9, 2025 |
| Last Day to Withdraw Full Semester Classes (no refund) | Sunday, April 13, 2025 |
| <i>Winter Term II</i> | <i>Term II: Monday, March 10 – Sunday, May 4, 2025</i> |
| Drop/Add during 1st week of Term II (100% refund) | Monday, March 10 – Sunday, March 16, 2025 |
| Drop during 2nd week of Term II (75% refund) | Monday, March 17 – Sunday, March 23, 2025 |
| Drop during 3rd week of Term II (50% refund) | Monday, March 24 – Sunday, March 30, 2025 |
| Last Day to Withdraw Term II (no refund) | Sunday, April 13, 2025 |
| Exams | |
| Final Exam Dates for <i>Term I</i> | Monday, February 24 – Saturday, March 1, 2025 |
| Mid–Term Exam Dates for <i>Full Semester</i> | Monday, February 24 – Saturday, March 1, 2025 |
| Final Exam Dates for <i>Full Semester</i> and <i>Term II</i> | Monday, April 28 – Saturday, May 3, 2025 |
| University Holidays and Special Events | |
| Martin Luther King Day (University Closed) | Monday, January 20, 2025 |
| Spring Break (No Classes) | Monday, March 3 – Sunday, March 9, 2025 |
| Commencement | TBA |

Summer 2025

| | |
|--|---|
| SUMMER 2025 | Monday, May 5 – Sunday, August 10, 2025 |
| Registration for Seniors (90 credits or more) | Monday, March 31 (7:30 a.m. EST) – Sunday, May 11, 2025 |
| Registration for Juniors (60 to 89 credits) | Wednesday, April 2 (7:30 a.m. EST) – Sunday, May 11, 2025 |
| Registration for Sophomores (30 to 59 credits) | Monday, April 7 (7:30 a.m. EST) – Sunday, May 11, 2025 |
| Registration for Freshmen (0 to 29 credits) | Wednesday, April 9 (7:30 a.m. EST) – Sunday, May 11, 2025 |
| Open registration period for all students | Wednesday, April 9 – Sunday, May 11, 2025 |
| Last day to pay Summer tuition to avoid late fee | Thursday, June 5, 2025 |
| Drop/Withdraw Policy | |
| <i>Summer Term I and Full Semester Classes</i> | <i>Term I: Monday, May 5 – Sunday, June 22, 2025</i> |
| Full Semester | Monday, May 5 – Sunday, August 10, 2025 |
| Drop/Add during 1st week of Term/Full Semester (100% refund) | Monday, May 5 – Sunday, May 11, 2025 |
| Drop during 2nd week of Term/Full Semester (75% refund) | Monday, May 12 – Sunday, May 18, 2025 |
| Drop during 3rd week of Term/Full Semester (50% refund) | Monday, May 19 – Sunday, May 25, 2025 |
| Last Day to Withdraw Term I (no refund) | Sunday, June 1, 2025 |
| Last Day to Withdraw Full Semester Classes (no refund) | Sunday, July 20, 2025 |
| <i>Summer Term II</i> | <i>Term II: Monday, June 23 – Sunday, August 10, 2025</i> |
| Drop/Add during 1st week of Term II (100% refund) | Monday, June 23 – Sunday, June 29, 2025 |
| Drop during 2nd week of Term II (75% refund) | Monday, July 6 – Sunday, July 13, 2025 |
| Drop during 3rd week of Term II (50% refund) | Monday, July 14 – Sunday, July 20, 2025 |
| Last Day to Withdraw Term II (no refund) | Sunday, July 20, 2025 |
| Exams | |
| Final Exam Dates for <i>Term I</i> | Monday, June 16 – Saturday, June 21, 2025 |
| Mid–Term Exam Dates for <i>Full Semester</i> | Monday, June 16 – Saturday, June 21, 2025 |
| Final Exam Dates for <i>Full Semester</i> and <i>Term II</i> | Monday, August 4 – Saturday, August 9, 2025 |
| University Holidays and Special Events | |
| Memorial Day (University Closed) | Monday, May 26, 2025 |
| Independence Day (University Closed) | Friday, July 4, 2025 |

Correspondence Directory

ABRAHAM S. FISCHLER COLLEGE OF EDUCATION AND SCHOOL OF CRIMINAL JUSTICE

| | | |
|--|--|---|
| Office of the Dean Kimberly Durham, Psy.D., Dean | Abraham S. Fischler College of Education and School of Criminal Justice Nova Southeastern University Carl DeSantis Building, Fourth Floor 3300 S. University Drive Ft. Lauderdale, FL 33328-2004 | Toll-free: 800-986-3223, ext. 28500 Phone: (954) 262-8500 Fax: (954) 262-3971 |
| Department of Education Carmen Session, Ed.D. and Marcelo Castro, Ph.D., Co-Chairs Emmy Maurilus, Ph.D., BSBA-D, Assistant Chair | Abraham S. Fischler College of Education and School of Criminal Justice Nova Southeastern University Carl DeSantis Building, Fourth Floor 3300 S. University Drive Ft. Lauderdale, FL 33328-2004 | Toll-free: 800-986-3223, ext. 28500 Phone: (954) 262-8500 Fax: (954) 262-3971 |
| Department of Human Services Carmen Session, Ed.D., Associate Dean/Assistant Professor | Abraham S. Fischler College of Education and School of Criminal Justice Nova Southeastern University Carl DeSantis Building, Fourth Floor 3300 S. University Drive Ft. Lauderdale, FL 33328-2004 | Toll-free: 800-986-3223, ext. 28500 Phone: (954) 262-8500 Fax: (954) 262-3971 |
| School of Criminal Justice Marcelo Castro, Ph.D., Associate Dean/Professor | Abraham S. Fischler College of Education and School of Criminal Justice Nova Southeastern University Carl DeSantis Building, Fourth Floor 3300 S. University Drive Ft. Lauderdale, FL 33328-2004 | Toll-free: 800-986-3223, ext. 28500 Phone: (954) 262-8500 Fax: (954) 262-3971 |

For administrators, faculty, and/or staff listing, visit:
education.nova.edu/faculty/

COLLEGE OF COMPUTING AND ENGINEERING

| | | |
|---|---|--|
| Office of the Dean Meline Kevorkian, Ed.D., Dean | College of Computing and Engineering Nova Southeastern University Carl DeSantis Building, Fourth Floor 3300 S. University Drive Ft. Lauderdale, FL 33328-2004 | Phone: (954) 262-2031 |
| Department of Computing Department of Engineering Gregory Simco, Ph.D., Chair | College of Computing and Engineering Nova Southeastern University Carl DeSantis Building, Fourth Floor 3300 S. University Drive Ft. Lauderdale, FL 33328-2004 | Phone: (954) 262-2017 Email: greg@nova.edu |

For faculty listing, visit:
cec.nova.edu/faculty/

COLLEGE OF PSYCHOLOGY

| | | |
|--|--|--|
| Office of the Dean Karen Grosby, Ed.D., Dean | College of Psychology Nova Southeastern University Maltz Building 3300 S. University Drive Ft. Lauderdale, FL 33328-2004 | Phone: (954) 262-5701 |
| Department of Psychology and Neuroscience Jaime Tartar, Ph.D., Chair | College of Psychology Nova Southeastern University Maltz Building 3300 S. University Drive Ft. Lauderdale, FL 33328-2004 | Phone: (954) 262-8192 Email: tartar@nova.edu |

For faculty listing, visit:
psychology.nova.edu/faculty/

DR. KIRAN C. PATEL COLLEGE OF OSTEOPATHIC MEDICINE

| | | |
|--|---|-----------------------|
| Office of the Dean Elaine Wallace, D.O., M.S. ⁴ , Dean | Dr. Kiran C. Patel College of Osteopathic Medicine Health Professions Division Nova Southeastern University 3300 S. University Drive Fort Lauderdale, FL 33328-2018 | Phone: (954) 262-1613 |
| Office of the Dean Phyllis Filker, DMD, MPH Executive Associate Dean Undergraduate, Graduate, Technology and Community Education | Dr. Kiran C. Patel College of Osteopathic Medicine Health Professions Division Nova Southeastern University 3300 S. University Drive Fort Lauderdale, FL 33328-2018 | Phone: (954) 262-1628 |
| Department of Public Health Kristi Messer, DHSc, LCSW, MPH, Assistant Dean, KPCOM Bachelor Degree Programs and Director, Bachelor of Science in Public Health | Dr. Kiran C. Patel College of Osteopathic Medicine Health Professions Division Nova Southeastern University 3300 S. University Drive Fort Lauderdale, FL 33328-2018 | Phone: (954) 262-1072 |
| Department of Nutrition Melinda Luis, M.S., R.D.N., L.D.N. Director | Dr. Kiran C. Patel College of Osteopathic Medicine Health Professions Division Nova Southeastern University 3300 S. University Drive Fort Lauderdale, FL 33328-201 | Phone: (954) 262-1429 |
| Department of Couple and Family Therapy Shazia Akhtarullah, Ph.D., LMFT, LMHC, MCAP Director | Dr. Kiran C. Patel College of Osteopathic Medicine Health Professions Division Nova Southeastern University 3300 S. University Drive Fort Lauderdale, FL 33328-2018 | Phone: (954) 262-3028 |
| Department of Health Informatics Jeniffer R. Garcia, DHSc, MSBI, CLSSBB, CSM Interim Director | Dr. Kiran C. Patel College of Osteopathic Medicine Health Professions Division Nova Southeastern University 3300 S. University Drive Fort Lauderdale, FL 33328-2018 | Phone: (954) 262-1038 |

For faculty listing, visit:
osteopathic.nova.edu/undergraduate/bs-public-health/faculty--staff.html

DR. PALLAVI PATEL COLLEGE OF HEALTH CARE SCIENCES

| | | |
|---|---|---|
| Office of the Dean Rob Wagner, DHSC, M.M.Sc., CAA Executive Associate Dean | Dr. Pallavi Patel College of Health Care Sciences Health Professions Division Nova Southeastern University 3200 S. University Drive Fort Lauderdale, FL 33328-2018 | Phone: (954) 262-1205 Email: rwagner@nova.edu |
| Office of the Dean Sandrine Gaillard-Kenney, Ed.D., Associate Dean for Undergraduate Studies | Dr. Pallavi Patel College of Health Care Sciences Health Professions Division Nova Southeastern University 3200 S. University Drive Fort Lauderdale, FL 33328-2018 | Phone: (954) 262-1260 Email: gaillard@nova.edu |
| Department of Health Science Akiva Turner, Ph.D., J.D., Chair | Dr. Pallavi Patel College of Health Care Sciences Health Professions Division Nova Southeastern University 3200 S. University Drive Fort Lauderdale, FL 33328-2018 | Phone: 800-356-0026, ext. 21862 Email: aturner1@nova.edu |
| Health Science Undergraduate Core Courses Debra A. Dixon, RDH, M.S., DHSc Associate Professor | Dr. Pallavi Patel College of Health Care Sciences Health Professions Division Nova Southeastern University 3200 S. University Drive Fort Lauderdale, FL 33328-2018 | Phone: 800-356-0026, ext. 21222, 21239, or 21217 Email: dd1026@nova.edu |
| Bachelor of Science— Cardiovascular Sonography Samuel Yoders, Ph.D., RVT, Director | Dr. Pallavi Patel College of Health Care Sciences Health Professions Division Nova Southeastern University, Tampa Bay Campus 3400 Gulf To Bay Boulevard Clearwater, Florida, 33759 | Phone: (813) 574-5372 Email: yoders@nova.edu |
| Bachelor of Science—Medical Sonography Rose McCalla-Henry MHA, CSSGB, RDMS, RDCS, RVT, Director | Dr. Pallavi Patel College of Health Care Sciences Health Professions Division Nova Southeastern University 3200 S. University Drive Fort Lauderdale, FL 33328-2018 | Phone: (954) 262-1997 Email: rmccallahe@nova.edu |
| Department of Health and Human Performance Corey Peacock, Ph.D, Director and Interim Chair | Dr. Pallavi Patel College of Health Care Sciences Nova Southeastern University 3200 South University Drive Fort Lauderdale, FL 33328-2018 | Phone: (954) 262-7940 Email: cpeacock@nova.edu |
| Department of Speech-Language Pathology Melissa Edrich, Ed.D., CCC-SLP Chair | Dr. Pallavi Patel College of Health Care Sciences Nova Southeastern University 6100 Griffin Road Fort Lauderdale, FL 33314 | Phone: (954) 262-7782 Email: medrich@nova.edu |
| Bachelor of Science—Speech- Language and Communication Disorders Jackie Hinckley, Ph.D., CCC-SLP, Director | Dr. Pallavi Patel College of Health Care Sciences Nova Southeastern University 6100 Griffin Road Fort Lauderdale, FL 33314 | Phone: (954) 262-7756 Email: jh988@nova.edu |
| Department of Cardiopulmonary Sciences Lisa Farach, D.H.Sc., M.S., R.R.T., R.N., Chair | Bachelor of Science in Respiratory Therapy Dr. Pallavi Patel College of Health Care Sciences Nova Southeastern University Palm Beach Campus 11501 North Military Trail Palm Beach Gardens, FL 33410-6507 | Phone: (561) 805-2301 or 800-541-6682, ext. 52301 Email: lfarach@nova.edu |

For faculty listing, visit:
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FARQUHAR HONORS COLLEGE

| | | |
|---|---|--|
| Office of the Dean Andrea Nevins, Ph.D., M.F.A., Dean, Professor | Farquhar Honors College Nova Southeastern University Alvin Sherman Library, Research, and Technology Center, 3300 S. University Drive Ft. Lauderdale, FL 33328-20043301 | Phone: (954) 262-8408 Email: honors@nova.edu |
|---|---|--|

For faculty listing, visit:
honors.nova.edu/faculty

H. WAYNE HUIZENGA COLLEGE OF BUSINESS AND ENTREPRENEURSHIP

| | | |
|---|---|--|
| Office of the Dean Andrew Rosman, Ph.D., Dean | H. Wayne Huizenga College of Business and Entrepreneurship Nova Southeastern University Carl DeSantis Building 3300 S. University Drive Ft. Lauderdale, FL 33328-2004 | Phone: (954) 262-5001 Email: info@huizenga.nova.edu |
| Department of Accounting and Taxation Linda Kidwell, Ph.D., Chair | H. Wayne Huizenga College of Business and Entrepreneurship Nova Southeastern University Carl DeSantis Building 3300 S. University Drive Ft. Lauderdale, FL 33328-2004 | Phone: (954) 262-5065 Email: lkidwell@nova.edu |
| Department of Decision Sciences Kim Deranek Ph.D., Chair | H. Wayne Huizenga College of Business and Entrepreneurship Nova Southeastern University Carl DeSantis Building 3300 S. University Drive Ft. Lauderdale, FL 33328-2004 | Phone: (954) 262-5150 Email: kderanek@nova.edu |
| Department of Finance and Economics Albert Williams, Ph.D., Chair | H. Wayne Huizenga College of Business and Entrepreneurship Nova Southeastern University Carl DeSantis Building 3300 S. University Drive Ft. Lauderdale, FL 33328-2004 | Phone: (954) 262-5286 Email: albewill@nova.edu |
| Department of Management François Sainfort, Ph.D., Chair | H. Wayne Huizenga College of Business and Entrepreneurship Nova Southeastern University Carl DeSantis Building 3300 S. University Drive Ft. Lauderdale, FL 33328-2004 | Phone: (954) 262-5074 Email: fsainfort@nova.edu |
| Department of Marketing Fabienne Cadet-Laborde, Ph.D., Chair | H. Wayne Huizenga College of Business and Entrepreneurship Nova Southeastern University Carl DeSantis Building 3300 S. University Drive Ft. Lauderdale, FL 33328-2004 | Phone: (954) 262-5001 Email: f.cadet@nova.edu |
| Department of Public Administration and Real Estate Development Adam Williams, Ph.D., Chair | H. Wayne Huizenga College of Business and Entrepreneurship Nova Southeastern University Carl DeSantis Building 3300 S. University Drive Ft. Lauderdale, FL 33328-2004 | Phone: (954) 262-5001 Email: awillia3@nova.edu |

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business.nova.edu/faculty

**HALMOS COLLEGE OF ARTS AND SCIENCES AND
THE GUY HARVEY OCEANOGRAPHIC RESEARCH CENTER**

| | | |
|---|--|---|
| Office of the Dean Holly Lynn Baumgartner, Ph.D. Dean | Halmos College of Arts and Sciences and the Guy Harvey Oceanographic Research Center Nova Southeastern University 3300 S. University Drive Fort Lauderdale, FL 33328-2004 | Phone: (954) 262-3700 |
| Department of Biological Sciences Emily Schmitt Lavin, Ph.D., Chair | Halmos College of Arts and Sciences and the Guy Harvey Oceanographic Research Center Nova Southeastern University 3300 S. University Drive Fort Lauderdale, FL 33328-2004 | Email: eschmitt@nova.edu |
| Department of Chemistry and Physics Reza Razeghifard, Ph.D., Chair | Halmos College of Arts and Sciences and the Guy Harvey Oceanographic Research Center Nova Southeastern University 3300 S. University Drive Fort Lauderdale, FL 33328-2004 | Email: razeghif@nova.edu |
| Department of Communication, Media, and the Arts Shanti Bruce, Ph.D., Chair | Halmos College of Arts and Sciences and the Guy Harvey Oceanographic Research Center Nova Southeastern University 3300 S. University Drive Fort Lauderdale, FL 33328-2004 | Email: bshanti@nova.edu |
| Department of Conflict Resolution Studies | Halmos College of Arts and Sciences and the Guy Harvey Oceanographic Research Center Nova Southeastern University 3300 S. University Drive Fort Lauderdale, FL 33328-2004 | |
| Department of Humanities and Politics | Halmos College of Arts and Sciences and the Guy Harvey Oceanographic Research Center Nova Southeastern University 3300 S. University Drive Fort Lauderdale, FL 33328-2004 | |
| Department of Marine and Environmental Sciences | Halmos College of Arts and Sciences and the Guy Harvey Oceanographic Research Center Nova Southeastern University Oceanographic Campus 8000 North Ocean Drive Dania Beach, FL 33004 | |
| Department of Mathematics Jason Gershman, Ph.D., Chair | Halmos College of Arts and Sciences and the Guy Harvey Oceanographic Research Center Nova Southeastern University 3300 S. University Drive Fort Lauderdale, FL 33328-2004 | Email: jgershma@nova.edu |

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RON AND KATHY ASSAF COLLEGE OF NURSING

| | | |
|---|---|---|
| Office of the Dean Stefanie La Manna, Ph.D., MPH, APRN, FNP-C, AGACNP-BC, Dean | Ron and Kathy Assaf College of Nursing Health Professions Division Nova Southeastern University 3200 S. University Drive Fort Lauderdale, FL 33328-2018 | Phone: (954) 262-1963 Fax: (954) 262-1036 Email: slamanna@nova.edu |
| Office of the Associate Dean of Academic Affairs Michelle Julian, Ph.D., M.S.N., R.N. Associate Dean of Academic Affairs | Ron and Kathy Assaf College of Nursing Health Professions Division Nova Southeastern University 3200 S. University Drive Fort Lauderdale, FL 33328-2018 | Phone: (954) 262-1984 Email: mjulian@nova.edu |
| Bachelor of Science in Nursing Chitra Paul Victor, Ph.D., M.B.A., M.S.N., R.N., R.M., C.N.E. Chair Undergraduate Programs | Ron and Kathy Assaf College of Nursing Health Professions Division Nova Southeastern University 3200 S. University Drive Fort Lauderdale, FL 33328-2018 | Phone: (239) 274-1036 Email: cpaulvicto@nova.edu |
| Fort Lauderdale/Davie Campus: Lyn Peugeot, D.N.P., M.S.N., R.N. Director, Entry-Level Nursing | Ron and Kathy Assaf College of Nursing Health Professions Division Nova Southeastern University 3200 S. University Drive Fort Lauderdale, FL 33328-2018 | Phone: (954) 262-1978 Email: lp215@nova.edu |
| Fort Myers Campus: Donna Mesler, Ph.D., R.N. Director, Entry-Level and Accelerated Bachelor of Science in Nursing (ABSN) | Ron and Kathy Assaf College of Nursing Health Professions Division Nova Southeastern University 3200 S. University Drive Fort Lauderdale, FL 33328-2018 | Phone: (239) 274-6993 Email: dmsesler@nova.edu |
| Miami Campus: Sonia Wisdom, Ph.D., M.S.N., R.N. Director, Entry-Level Nursing | Ron and Kathy Assaf College of Nursing Health Professions Division Nova Southeastern University 3200 S. University Drive Fort Lauderdale, FL 33328-2018 | Phone: (305) 275-5445 Email: swisdom@nova.edu |

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nursing.nova.edu/about/faculty.html

SHEPARD BROAD COLLEGE OF LAW

| | | |
|---|---|---|
| Office of the Dean José Roberto (Beto) Juárez, Jr. Dean and Professor of Law | Shepard Broad College of Law Nova Southeastern University 3305 College Avenue Fort Lauderdale, FL 33314-7721 | Phone: (954) 262-6229 Fax: (954) 262 3834 Email: jjuares@nova.edu |
|---|---|---|

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University-Wide Services Directory

| Areas of Services | Contact Information | | |
|--|---|--|---|
| Admissions | Office of Undergraduate Admissions | Horvitz Administration Building First Floor 3300 S. University Drive Ft. Lauderdale, FL 33328-2004 | Phone: (954) 262-8000 Fax: (954) 262-3811 Email: admissions@nova.edu Website: undergrad.nova.edu |
| Admissions – Medical Sonography, Cardiovascular Sonography, and Respiratory Therapy | Office of Admissions Health Professions Division | Health Professions Division Terry Building 3200 South University Drive Fort Lauderdale, FL 33328 | Phone: (954) 262-1101 Email: pchcsinfo@nova.edu |
| Alumni Relations | Office of Alumni Association | Horvitz Administration Building, 3300 S. University Drive Ft. Lauderdale, FL 33328-2004 | Phone: (954) 262-2118 Email: alumni@nova.edu Website: nova.edu/alumni/ |
| Athletics | Athletics Department | 3300 S. University Drive Ft. Lauderdale, FL 33328-2004 | Phone: (954) 262-8250 Fax: (954) 262-3926 Email: athleticshelp@nova.edu |
| Center for Academic and Professional Success (CAPS) | Center for Academic and Professional Success | Horvitz Administration Building, Room 152 Carl DeSantis Building Room 1042 3300 S. University Drive Ft. Lauderdale, FL 33328-2004 | Phone: (954) 262-7990 Fax: (954) 262-3709 Email: caps@nova.edu |
| Center for Student Well-Being and Counseling by Henderson Behavioral Health | Center for Student Well-Being and Counseling by Henderson Behavioral Health | Student Affairs Building, Third floor 3300 S. University Drive Ft. Lauderdale, FL 33328-2004 | Phone: (954) 424-6911 or (954) 262-7050 (available 24 hours, 7 days per week) Fax: (954) 424-6915 |
| Disability Services | Office of Student Disability Services | Rosenthal Student Center Suite 121 3300 S. University Drive Ft. Lauderdale, FL 33328-2004 | Phone: (954) 262-7185 Fax: (954) 262-1390 Email: disabilityservices@nova.edu |
| Enrollment Verification | One-Stop Shop (Horvitz Administration Building) | Financial Aid and Academic Records 3300 S. University Drive Ft. Lauderdale, FL 33328-2004 | Request online via <i>NSU SharkLink</i> , University Registrar page Walk-in service: One-Stop Shop Horvitz Website: nova.edu/registrar/services/loan-deferments.html Phone: (954) 262-7200 Email: regverify@nova.edu |
| Financial Aid | Office of Financial Aid | Financial Aid and Academic Records 3300 S. University Drive Ft. Lauderdale, FL 33328-2004 | Phone: (954) 262-3380 Fax: (954) 262-3966 Website: nova.edu/financialaid Email: finaid@nova.edu Walk-in service: One-Stop Shop Horvitz |
| Housing and Residential Life | Office of Residential Life and Housing | Nova Southeastern University The Commons Residence Hall 3625 College Avenue Fort Lauderdale, FL 33314-7796 | Phone: (954) 262-7052 Fax: (954) 262-3812 Email: reslife@nova.edu |
| International Student and Scholar Services | Office of International Affairs | Horvitz Administration Building 3300 S. University Drive Ft. Lauderdale, FL 33328-2004 | Phone: (954) 262-7240 Fax: (954) 262-3846 Email: intl@nova.edu Website: nova.edu/internationalstudents |

| Areas of Services | Contact Information | | |
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| Mako Media Network: The Current newspaper, Mako Radio, Mako TV | Department of Communication, Media and the Arts | Halmos College of Arts and Sciences and the Guy Harvey Oceanographic Research Center Don Taft University Center: Mako TV, room 236 Mako Media Network Newsroom, room 328 Rosenthal Student Center: Mako Radio, room 140 3300 S. University Drive Ft. Lauderdale, FL 33328-2004 | Phone: (954) 262-8455 Email: cdelboni@nova.edu |
| Orientation | Office of Campus Life and Student Engagement | Don Taft University Center, Suite 1235 3300 S. University Drive Ft. Lauderdale, FL 33328-2004 | Email: orientation@nova.edu |
| Orientation— Respiratory Therapy and Sonography Programs | Office of PCHCS Student Affairs | Terry Administration Building 3200 South University Drive Rooms 1245 and 1246 Ft. Lauderdale, FL 33328 | Phone: (954) 262-1087 Email: studentaffairschcs@nova.edu |
| Parking Permit | NSU Public Safety | Campus Support Building 3300 S. University Drive Ft. Lauderdale, FL 33328-2004 | Parking Decal is available at the front desk of most buildings and the NSU Public Safety Office in the Campus Support Building. Website: nova.edu/publicsafety/parking/ |
| Recreation and Wellness | Office of Recreation and Wellness | Office of Recreation and Wellness Don Taft University Center 3300 S. University Drive Ft. Lauderdale, FL 33328-2004 | Phone: (954) 262-7301 Email: recwell@nova.edu Website: rec.nova.edu |
| Safety/Emergency | Department of Public Safety | Campus Support Building 3300 S. University Drive Ft. Lauderdale, FL 33328-2004 | Phone: (954) 262-8999 Fax: (954) 262-3924 Email: Dispatch@nova.edu |
| SharkCard Services | Office of SharkCard Services | Don Taft University Center, entering from the east entrance (Shark Fountain side), by the box office Terry Administration Building 3200 South University Drive Rooms 1245 and 1246 Ft. Lauderdale, FL 33328 | SharkCard Services Website: nova.edu/nsucard |
| Student Health Insurance | Office of the University Bursar | Financial Aid and Academic Records 3300 S. University Drive Ft. Lauderdale, FL 33328-2004 | Phone (954) 262-4060 Email: studenthealth@nova.edu Website: nova.edu/studentinsurance Walk-in-service: One-Stop Shop Horvitz |
| Sexual Misconduct/ Title IX Compliance | Office of Human Resources | Title IX – Office of Human Resources 3300 S. University Drive Fort Lauderdale, FL 33328-2004 | Phone: (954) 262-7858 Email: titleIX@nova.edu Website: nova.edu/title-ix |
| Student Affairs | Office of the Dean of Students | Rosenthal Student Center, Suite 121 3300 S. University Drive Ft. Lauderdale, FL 33328 | Phone: (954) 262-7280, Fax: (954) 262-1390 Email: studentaffairs@nova.edu |
| Student Affairs—Dr. Pallavi Patel College of Health Care Sciences | Office of PCHCS Student Affairs | Terry Administration Building 3200 South University Drive Rooms 1245 and 1246 Ft. Lauderdale, FL 33328 | Phone: (954) 262-1087 Email: studentaffairschcs@nova.edu |
| Suicide and Violence Prevention | Office of Suicide and Violence Prevention | Office of Suicide and Violence Prevention— Clinical Operations 3300 S. University Drive Ft. Lauderdale, FL 33328-2004 | Phone: (954) 262-5789 Email: svp@nova.edu Website: nova.edu/suicideprevention |

| Areas of Services | Contact Information | | |
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| Student Accounts, Loans, and Collections | Office of the University Bursar | Financial Aid and Academic Records 3300 S. University Drive Ft. Lauderdale, FL 33328-2004 | Phone: (954) 262-5200 Email: bursar@nova.edu Walk-in service: One-Stop Shop Horvitz Website: nova.edu/bursar |
| Student Health and Medical Center | Health Professions Division | Sanford L. Ziff Health Care Center 3200 S. University Drive Fort Lauderdale, FL 33328 Don Taft University Center (this location offers appointments during the Fall and Winter semesters only) 3300 S. University Drive Ft. Lauderdale, FL 33328-2004 | Phone: (954) 262-1262 |
| Study Abroad, Travel Study, International Trips and Travel | Office of International Affairs | Horvitz Administration Building 3300 S. University Drive Ft. Lauderdale, FL 33328-2004 | Phone: (954) 262-7240 Fax: (954) 262-3846 Email: sharksabroad@nova.edu Website: nova.edu/sharksabroad |
| Technology Support | Shark IT Service Center | East Campus 3100 SW 9th Avenue Fort Lauderdale, FL 33315-3025 | Phone: 800-541-6682, ext. 24357 Email: help@nova.edu Website: nova.edu/help/students/ |
| Transcripts | Office of the University Registrar | Financial Aid and Academic Records 3300 S. University Drive Ft. Lauderdale, FL 33328-2004 | Request online via SharkLink For instructions on how to place a request, visit nova.edu/registrar/services/transcript.html Phone: (954) 262-7200 Fax: (954) 262-3256 Walk-in service: One-Stop Shop Horvitz |
| Transfer Evaluation Services | Office of the University Registrar | Financial Aid and Academic Records 3300 S. University Drive Ft. Lauderdale, FL 33328-2004 | Walk-in service: One-Stop Shop at Horvitz Administration Building Phone: (954) 262-8117 Fax: (954) 262-2627 Email: faartes@nova.edu Website: nova.edu/tes |
| Tutoring and Testing | Tutoring and Testing Center | Student Affairs Building, Second Floor 3300 S. University Drive Ft. Lauderdale, FL 33328-2004 | Phone: (954) 262-8350 (Tutoring) Phone: (954) 262-8374 (Testing) Fax: (954) 262-3935 Email: tutoringservices@nova.edu |
| Veterans and Military Services | NSU Military Affairs Veterans Resource Center | Carl DeSantis Building, First Floor, Room 1045 3300 S. University Drive Ft. Lauderdale, FL 33328-2004 | Phone: (954) 262-FLAG (3524) Email: vrc@nova.edu |
| Writing and Communication Support | Write from the Start Writing and Communication Center | Alvin Sherman Library, Research, and Technology Center, Room 430 3300 S. University Drive Ft. Lauderdale, FL 33328-2004 | Phone: (954) 262-4644 Email: wcc@nova.edu Website: nova.edu/wcc |

Premier Programs and Honor Societies

NSU has created several Premier Programs targeting high achieving high school students who want to enhance their college experience. These programs may require separate application(s) and require students to attend a Shark Preview Weekend for an interview. The Dual Admission program will reserve a seat in NSU's competitive graduate and professional programs. The Presidential Scholars program is our premier scholarship program, interviews are by invitation only. The Hochberg-Miniaci Razor's Edge Scholars Programs select a small cohort of freshmen to dive into one of the five areas identified below. The Honors College provides a challenging and engaging academic community for high performing students. Honors can be combined with each of the Premier Programs. Additional information about the Farquhar Honors College can be found on page 199 of this catalog.

Dual Admission Programs

The Dual Admission program is designed for students who are focused on their career goals and interested in securing a reserved seat in one of NSU's participating graduate and professional programs. Students who are accepted into the university and meet the entry requirements for their preferred dual admission program may apply and interview for dual admission status. This would allow them to transition into one of the selective health professions, law school, or one of the graduate programs in business, computer science, humanities, marine biology, and psychology. In most cases, students are allowed to complete any undergraduate major, as long as they meet all degree requirements and program pre-requisites.

Students selected for Dual Admission will receive a student agreement that outlines specific program requirements and expectations for entering into the graduate/professional program, including minimum GPA requirements, course pre-requisites and minimum scores on required professional examinations. All dual admission course pre-requisites must be taken at NSU, unless otherwise approved in advance by the Dual Admission Program. Select dual admission programs are also available as accelerated options, in which students are able to transition to their graduate/professional programs without graduating first. Students who wish to modify their transition date into the graduate/professional program may initially petition at the end of their first year at NSU.

Final admission into the graduate or professional program is contingent upon completing the prescribed undergraduate course of study, maintaining the requisite grades, adhering to the student code of conduct, achieving specific scores on required admission tests, submission of the graduate or professional program application, and, in some cases, a final interview with the graduate or professional program admissions committee. The receiving college reserves the right to make the final judgement on all admission decisions. Undergraduate scholarships typically do not carry over into graduate and professional programs.

Only freshman applicants are eligible to apply for dual admission programs in the health professions. For more details regarding dual admission programs and requirements, please go to nova.edu/undergraduate/academics/dual-admission/.

AVAILABLE DUAL ADMISSION PROGRAMS

Health and Medical Professions

- Doctor of Allopathic Medicine (M.D.)
- Doctor of Audiology (Au.D.)
- Doctor of Dental Medicine (D.M.D.)
- Doctor of Occupational Therapy (O.T.D.)
- Doctor of Optometry (O.D.)
- Doctor of Osteopathic Medicine (D.O.)
- Doctor of Pharmacy (Pharm.D.) and Doctor of Philosophy in Pharmacy (Ph.D.)
- Doctor of Physical Therapy (D.P.T.)
- Master of Medical Science in Physician Assistant (M.M.S.)
- Master of Public Health (M.P.H.)
- Master of Science in Anesthesia (M.S.)
- Master of Science in Couple and Family Therapy (M.S.)

Master of Science in Health Informatics (M.S.)
Master of Science in Nutrition (M.S.)
Master of Science in Speech-Language Pathology (M.S.)
Master of Science in Sports Science (M.S.)

Business

Master of Accounting (M.Acc.)
Master of Business Administration (M.B.A.) with majors in:

- Business (Flex)
- Business Intelligence/Analytics
- Complex Health Systems
- Entrepreneurship
- Finance
- Human Resource Management
- Management
- Marketing
- Process Improvement
- Sport Revenue Generation
- Supply Chain Management and Operational Systems

Master of Public Administration (M.P.A.)
Master of Science in Business Agility and Innovation (M.S.)
Master of Science in Digital Marketing (M.S.)
Master of Science in Finance and Sustainability (M.S.)
Master of Science in Human Resource Management (M.S.)
Master of Science in Philanthropy and Non-Profit Management (M.S.)
Master of Science in Professional Practice Management (M.S.)
Master of Science in Real Estate Development (M.S.)

Computer Science

Master of Science in Computer Science (M.S.)
Master of Science in Cybersecurity Management (M.S.)
Master of Science in Data Analytics (M.S.)
Master of Science in Information Systems (M.S.)
Master of Science in Information Technology (M.S.)

Education and Criminal Justice

Master of Science in College Student Affairs (M.S.)
Master of Science in Criminal Justice (M.S.)
Master of Science in Developmental Disabilities (M.S.)

Humanities and Social Sciences

Master of Arts in Composition, Rhetoric, and Digital Media (M.A.)
Master of Science in Conflict Analysis and Resolution (M.S.)
Master of Science in National Security Affairs and International Relations (M.S.)

Law

Juris Doctor (J.D.)

Oceanography

Master of Science in Marine Science (M.S.)

Psychology

Doctor of Philosophy in Clinical Psychology (Ph.D.)
Doctor of Psychology in Clinical Psychology (Psy.D.)

Doctor of Psychology in School Psychology (Psy.D.)
Specialist in School Psychology (Psy.S.)

For additional information regarding specific dual admission requirements, visit nova.edu/undergraduate/academics/dual-admission/.

DUAL ADMISSION PROGRAM FOR ENROLLED STUDENTS (DAPES)

The Dual Admission Program for Enrolled Students (DAPES) is available to eligible students at completion of their freshman year for select dual admission programs. To be eligible for DAPES, students must complete at least 28 credits during their freshman year (fall/winter) at NSU with a cumulative GPA of 3.5 or 3.2 or higher (depending on program), including at least 8 specific credits of laboratory science with a GPA of 3.5 or higher for health professions. The application period for DAPES is September 1 to September 15, after completion of the freshman year. For additional information, students should contact their academic advisor and go to <https://www.nova.edu/undergraduatestudies/dual-admit/dapes.html>.

Hochberg-Miniaci Razor's Edge Scholars Programs

Nova Southeastern University offers five premier Hochberg-Miniaci Razor's Edge Scholars programs—Global, Leadership, Research, Shark Talent, and Shark Teach. These four-year residential programs combine curricular and co-curricular experiences intended to capture the unique interests and talents of prospective and current students. Hochberg-Miniaci Razor's Edge students will also serve as student success mentors to other NSU students. In return for their participation, students are awarded an annual renewable scholarship. For more information about these programs, please visit nova.edu/razorsedge/.

HOCHBERG-MINIACI RAZOR'S EDGE GLOBAL SCHOLARS PROGRAM

The Hochberg-Miniaci Razor's Edge Global Scholars Program is a curricular and co-curricular leadership development program with a focus on international awareness and changemaking. Students in the program complete a minor in "Global Engagement", which consists of courses such as intercultural communications, global leadership, and foreign language. Additionally, students are provided experiential opportunities to apply what they are learning in the classroom to make change in their local and international communities. The program consists of service project development and mentorship programs, including an international service trip in junior or senior year. Students will also serve as "Success Mentors" to other NSU underclassmen, as well as lead campus programming for the development of global citizenship amongst their peers. The requirements for the minor in "Global Engagement" are only available for students admitted into the Global Scholars Program offered by the Abraham S. Fischler College of Education and School of Criminal Justice in cooperation with the Division of Student Affairs. For academic requirements in detail, please see "Global Engagement Minor" section on page 117 of this catalog.

For additional information, please visit the program page at nova.edu/razorsedge/global/.

HOCHBERG-MINIACI RAZOR'S EDGE LEADERSHIP SCHOLARS PROGRAM

The Hochberg-Miniaci Razor's Edge Leadership Program provides learning experience inside the classroom as well as outside the classroom through involvement and leadership initiatives throughout campus. Students in this program must complete an academic minor that will be noted on their official NSU transcript. The requirements for the minor in "Experiential Leadership" are only available for students admitted into the Hochberg-Miniaci Razor's Edge Leadership Scholars Program offered by the Office of Student Leadership and Civic Engagement. For program requirements, please see "Experiential Leadership Minor" section on page 116 of this catalog.

For additional information, please visit the program page at nova.edu/studentleadership/razorsedge/.

HOCHBERG-MINIACI RAZOR'S EDGE RESEARCH SCHOLARS PROGRAM

The Hochberg-Miniaci Razor's Edge Research Program provides learning experiences inside the classroom as well as outside the classroom through involvement in firsthand research experiences, scientific inquiry, and problem-solving activities and initiatives. The Hochberg-Miniaci Razor's Edge Research Scholars will benefit from mentored research experiences with faculty researchers at NSU. Students in this program must complete an academic minor that will be noted on their official NSU transcript. The requirements

for the minor in “Research Studies” are only available for students admitted into the Research Scholars Program offered by the Abraham S. Fischler College of Education and School of Criminal Justice in cooperation with the Division of Student Affairs. For program requirements, please see “Research Studies Minor” on page 118 of this catalog.

For additional information, please visit the program page at nova.edu/razorsedge/research/.

HOCHBERG-MINIACI RAZOR’S EDGE SHARK TALENT SCHOLARS PROGRAM

The Hochberg-Miniaci Razor’s Edge Shark Talent program is for students who wish to continue to study the arts and to use their artistic gifts to help create a more vibrant campus life at NSU. This could mean performing with one of our music ensembles like Shark Gold, performing with a dance or theater troupe at a donor event, energizing the homecoming crowd as part of the NSU Drumline, or sharing student art at a gallery opening. The selection process is highly competitive and is based on audition or portfolio review, plus an interview. Students are required to major (preferred) or minor in an art, dance, music, or theatre discipline. For program requirements, please see the Halmos College of Arts and Sciences and the Guy Harvey Oceanographic Research Center.

For additional information, please visit the program page at nova.edu/razorsedge/sharktalent/.

HOCHBERG-MINIACI RAZOR’S EDGE SHARK TEACH SCHOLARS PROGRAM

Students in the Hochberg-Miniaci Razor’s Edge Shark Teach Scholars program are part of a four-year educational and leadership development program focused on utilizing what they learn in the classroom as future educators to aid in the continued transformation and vibrancy of the NSU Florida community and The Fischler Academy program. As members of The Fischler Academy, Shark Teach Scholars serve as leaders and ambassadors for the program and NSU Florida. Moreover, Shark Teach Scholars support their peers as mentors and use their roles as student leaders to strengthen the sense of community within The Fischler Academy. In partnership with NSU Florida’s Tutoring and Testing Center, select scholarship recipients will have the opportunity to collaborate with their peers through the role of tutor, SI Leader, or Academic Success Coach. For program requirements, please see “Shark Teach Scholars Program” section on page 118 of this catalog.

For additional information, please visit the program page at nova.edu/razorsedge/sharkteach/.

Honor Societies and Academic Organizations

Honor societies recognize and promote academic excellence. Membership in these societies is an honor and a privilege that can enhance your academic and professional career. Academic honor societies provide a means by which students can establish a professional network and move forward in their careers.

Provided, below, is a list of regional, national, and international academic honor societies affiliated with Nova Southeastern University.

Alpha Chi

Alpha Chi is an academic honor society with more than 289 chapters in the United States. To qualify for Alpha Chi, students must be juniors or seniors, complete a minimum of 24 credits at NSU, and be in the top 10 percent of their college. Qualifying students are invited to join once a year. Membership in Alpha Chi includes eligibility to compete for local and national scholarships. Alpha Chi is open to all undergraduate majors. For more information, contact the Farquhar Honors College (honors.nova.edu/alpha-chi.html).

Alpha Eta

Alpha Eta is the national honor society for the allied health professions. The Nu Sigma Upsilon chapter at NSU is one of ninety chartered Alpha Eta chapters. The society’s purpose is the promotion and recognition of significant scholarship, leadership, and contributions to the allied health professions. To qualify for Alpha Eta, students shall be enrolled in an allied health program leading to an associate, baccalaureate, graduate or doctoral degree, and enrolled in their last year of study. A limited percentage of students in each of the allied health degree programs who have maintained an overall GPA of 3.5 or higher in undergraduate programs and 3.8 or higher in the graduate or doctoral programs are eligible. Beyond scholarship, prospective members shall have shown capacity for leadership, service, and achievement in their chosen allied health field, and shall have been recommended by active members through a nominating process in each department or program and approved by the

chapter Executive Council. Alpha Eta is for students majoring in Allied Health Professions, faculty, and qualifying alumni. For more information, contact the Dr. Pallavi Patel College of Health Care Sciences (healthsciences.nova.edu) or visit healthsciences.nova.edu/alpha-eta-society.html.

Alpha Kappa Delta

Alpha Kappa Delta, the international sociology honor society, seeks to acknowledge and promote excellence in scholarship in the study of sociology, the research of social problems, and such other social and intellectual activities as will lead to improvement in the human condition. To qualify for Alpha Kappa Delta, a student must be a declared Sociology major leading to a baccalaureate degree or demonstrate a serious interest in sociology within an official program at NSU, be at or above junior standing and have completed at least four (4) courses within the sociology curriculum prior to initiation (exclusive of extension or courses graded pass/ fail), transfer students must have completed at least 3 of the 4 courses at Nova Southeastern University, cumulative GPA of 3.3 on a 4.0 scale, as well as a 3.0 average in sociology courses. For more information, contact the Halmos College of Arts and Sciences and the Guy Harvey Oceanographic Research Center (hcas.nova.edu).

Alpha Mu Gamma

Alpha Alpha Zeta is NSU's chapter of Alpha Mu Gamma. Founded in 1931, Alpha Mu Gamma is the oldest and largest national collegiate foreign language honor society in the United States. Alpha Mu Gamma celebrates all foreign languages, honors those who excel at them, and seeks to encourage others to expand their cultural knowledge. More than 307 chapters exist in the United States, Puerto Rico and the US Virgin Islands. Chapters are found both in state and private universities, four-year as well as two-year colleges. In addition to hosting annual cultural events and participating in community outreach, some added benefits to joining AMG include scholarships for foreign language studies, lifetime membership in a national prestigious organization, and opportunities to connect with others who share your talent and passion for foreign languages. To be eligible for membership, students must have completed two semesters of college, have received two grades of A /A- in college-level foreign language courses, have an overall GPA of 3.0, and pay one-time national and chapter dues. For more information, contact the Halmos College of Arts and Sciences and the Guy Harvey Oceanographic Research Center (hcas.nova.edu).

Alpha Phi Sigma

Established in 1942, Alpha Phi Sigma is recognized by both the Academy of Criminal Justice Sciences and the Association of College Honor Societies as the National Criminal Justice Honor Society. NSU's chapter, Omega Tau, includes members in the criminal justice major at the bachelor's, master's, and doctoral levels and college of law students. The mission of Alpha Phi Sigma is to promote critical thinking, rigorous scholarship, and life-long learning; to keep abreast of the advances in scientific research; to elevate the ethical standards of the criminal justice professions; and to sustain in the public mind the benefit and necessity of education and professional training. Alpha Phi Sigma is the largest and only official criminal justice honor society in America. To become a member, a student must have completed one-third of their total hours required for graduation at NSU and must be recommended by the chapter adviser. Undergraduate students must maintain a minimum of 3.2 overall GPA on a 4.0 scale, a 3.2 GPA, on a 4.0 scale, in criminal justice courses. The student must also rank in the top 35 percent of their classes and have completed a minimum of four courses within the criminal justice curriculum. The Honor Society is open to those with a declared criminal justice or related field major or minor. "Related Fields" refer to various disciplines related to the Criminal Justice field, such as juvenile delinquency, criminology, legal perspectives, abnormal behavior, and service administration/management. For more information, contact the Abraham S. Fischler College of Education and School of Criminal Justice (education.nova.edu)

Beta Beta Beta

Beta Beta Beta (TriBeta) is a society for students, particularly undergraduates, dedicated to improving the understanding and appreciation of biological study and extending boundaries of human knowledge through scientific research. To join the NSU chapter (Rho Rho) as a regular member, a student must be a biology major, have an overall GPA of 3.2 (or higher), at least three biology (BIOL) courses completed (one of which is above the introductory level), an average GPA of 3.0 or higher in all biology courses, at least 1 BIOL course completed at the 3xxx or 4xxx level at NSU, 15 or more NSU credits completed, and 45 credits or more completed toward the degree. For more information, contact the Halmos College of Arts and Sciences and the Guy Harvey Oceanographic Research Center (hcas.nova.edu).

Chi Alpha Sigma

Chi Alpha Sigma is the first and only nonprofit organization that was established to honor college student-athletes who have excelled in both the classroom and in athletic competition. Chi Alpha Sigma is an honor society that recognizes college student-athletes who receive a varsity letter in their sport, achieve junior academic standing or higher after their fifth full time semester, and earn a 3.4 or higher cumulative grade point average. Selection for membership is also based on excellent character and

citizenship, in consultation with the individual's head coach. Chi Alpha Sigma continues to provide outstanding student-athletes with an opportunity to become connected within a fraternal association that aligns their educational and athletic successes for a lifetime.

Delta Omega Honorary Society in Public Health

The Delta Omega Honorary Society in Public Health was founded in 1924 at Johns Hopkins University within the School of Hygiene and Public Health to promote the study of public health, and to recognize outstanding achievement in the field. Students, faculty, and alumni are inducted through a highly selective process that assesses their outstanding performance and dedication to the field of public health.

Kappa Delta Pi

Established in 1911, Kappa Delta Pi (KDP), is a national Honor Society in Education dedicated to scholarship and excellence in education. KDP inspires and equips teachers to thrive by embracing its vision. The society is a community of scholars dedicated to worthy ideals: recognize scholarship and excellence in education, promote the development and dissemination of worthy educational ideals and practices, enhance the continuous growth and leadership of its robust membership, foster inquiry and reflection on significant educational issues, and maintain a high degree of professional fellowship. The Kappa Delta Pi Educational Foundation and local chapters award more than \$100,000 annually in scholarships for academic study to active members who are undergraduate, graduate, or doctoral degree-seeking students. Undergraduate Student: Must have 30 credit hours completed at NSU with a minimum 3.5 cumulative GPA, at least 12 credit hours of education courses completed or in progress. For more information, please contact the Abraham S. Fischler College of Education and School of Criminal Justice (education.nova.edu).

Lambda Beta

Lambda Beta is a national honor society for the profession of respiratory care. The society's purpose is to promote, recognize and honor scholarship, scholarly achievement, service, and character of students, graduates, and faculty members of the profession of respiratory care. The name of the society is based on the goals of the Respiratory Care profession: sustaining "life and breath" for all mankind. Lambda (Λ) is the Greek letter "L", and beta (Β) is the Greek letter "B". Lambda Beta Society currently has over 100 Chapters established at Respiratory Care programs across the United States. Students must be in the top 25% of their class to be nominated and demonstrate high scholarly achievement, service, scholarship and strength of character.

Lambda Epsilon Chi

Nova Southeastern University maintains a charter membership in Lambda Epsilon Chi (LEX), the national honor society for paralegal/legal assistant studies. The purpose of LEX is to recognize those who have demonstrated superior academic performance in an established program of paralegal studies offered at an institution that is an institutional member in good standing of the American Association for Paralegal Education (AAfPE). Students are inducted into LEX once a year. To be inducted, a student must demonstrate "superior academic performance," which is evidenced by an overall GPA of at least 3.25, and a GPA in their paralegal classes of at least 3.50 after completing two thirds of the program requirements. For more information, contact the Shepard Broad College of Law or visit aafpe.org.

Lambda Pi Eta

Upsilon Zeta chapter of Lambda Pi Eta was chartered in 2005. To be eligible for membership, students must be communication majors with a minimum of 60 earned credit semester hours in undergraduate credit courses, a cumulative GPA of at least 3.0, at least 12 earned credit semester hours in communication major courses with at least a 3.25 GPA in those courses, be in the top 35 percent of their graduating class, and be currently enrolled as a full-time student in good standing. For more information, contact the Halmos College of Arts and Sciences and the Guy Harvey Oceanographic Research Center (hcas.nova.edu) or visit natcom.org/lambda/pi/eta/.

Omicron Delta Kappa

Omicron Delta Kappa is the national leadership honor society. Membership in Omicron Delta Kappa is granted to those who demonstrate leadership achievements in one of five areas of NSU's campus life: athletics; campus or community service, social and religious activities, and campus government; creative and performing arts; journalism, speech, and mass media; and scholarship. Undergraduate students selected must have junior or senior standing and rank in the upper 35 percent of their class. For more information, visit odk.org.

Nu Rho Psi

Nu Rho Psi is the National Honor Society in Neuroscience, founded in 2006 by the Faculty for Undergraduate Neuroscience and now an independent honor society. Students qualify for Nu Rho Psi membership if they have: registered for a major or minor in Neuroscience, completed at least three semesters of the college curriculum, completed at least 9 semester hours in NEUR courses, and maintained an overall GPA of 3.3 and a GPA of 3.5 in NEUR courses. For more information, visit nurhopsi.org or contact Dr. Allie Holschbach (psychology.nova.edu/faculty/profile/holschbach-allie.html).

Phi Alpha Delta

Phi Alpha Delta Law Fraternity (PAD) is an international, co-educational fraternity dedicated to promoting professional competency, service, and professionalism within the legal community. NSU's undergraduate chapter is focused on creating strong bonds between students, teachers of the law, and legal professionals. PAD provides students with numerous opportunities for legal exposure through courthouse visits, LSAT practice sessions, and visits from admissions counselors from various law schools. PAD sponsors a shadowing program that partners undergraduate students with law school students to explore the law school experience. Undergraduate PAD members also work with NSU's College of Law PAD chapter to host and attend relevant events. PAD is open to NSU undergraduate students of all majors. Members gain insight into the law school experience, sharpen LSAT skills, and network with like-minded students and legal professionals. For more information, contact the Halmos College of Arts and Sciences and the Guy Harvey Oceanographic Research Center (hcas.nova.edu).

Phi Kappa Phi

Phi Kappa Phi is the nation's oldest and most selective multidisciplinary collegiate honor society. Membership is by invitation only to NSU's top 7.5 percent of second term juniors and the top 10 percent of undergraduate seniors and graduate and professional students. Faculty, professional staff and alumni who achieve scholarly distinction may also be eligible. Qualifying students are invited to join once a year. For more information, contact the Farquhar Honors College (honors.nova.edu).

Psi Chi

Psi Chi, the international honor society in psychology (www.psichi.org), promotes excellence in scholarship and advances the science of psychology. Membership in the NSU chapter is open to all undergraduate and graduate students who meet the minimum academic qualifications: undergraduate students (by August of the year preceding induction) must be enrolled and have established a GPA at NSU, must be at least a second-semester sophomore at NSU, must be enrolled as a major or minor in psychology at NSU and have completed at least 9 semester hours or 14 quarter hours of psychology courses at NSU, must have an overall GPA that is in the top 35 percent of their class based on rankings within sophomore, junior, and senior classes, must have an overall GPA of at least 3.30 on a 4-point scale, and must have a GPA in psychology classes that is at least 3.30 on a 4-point scale. Undergraduate students who have transferred to NSU and are interested in becoming a Psi Chi member must meet the requirements listed above, plus have completed one semester at NSU (by August of the year preceding induction) to establish a GPA, and complete 9 hours of psychology courses at NSU. Psi Chi is for students with a declared major or minor in Psychology. (Graduate students must have an overall GPA of at least 3.70 on a 4-point scale; other requirements are the same as for undergraduates.) For more information, visit honors.nova.edu/psi-chi.html.

Pi Sigma Alpha

Nova Southeastern University is now home to the 826th chapter of Pi Sigma Alpha, the National Political Science Honor Society. NSU's chapter, Alpha Lambda Rho, is focused on recognizing and cultivating creative student leaders through scholarship and service. Benefits include recognition of academic excellence, the right to wear honor regalia, opportunities to attend the National Student Conference, scholarships for graduate study, best paper awards, annual chapter activity grants, and pathways to student leadership. Each year up to five students across the United States are awarded a scholarship of \$2,000 to support their first year of graduate school in political science. An additional five students are awarded a scholarship of \$2,000 to support time in Washington, DC for a credit-based internship. Pi Sigma Alpha also recognizes a winner and two runners up for the best honors thesis award. There is an annual student research conference in February for members and a national undergraduate journal—Undergraduate Journal of Politics—is published twice a year. For students interested in playing a role in raising the image of the department through creative programming, the national office also offers chapter activity grants each fall for up to \$2,000. Pi Sigma Alpha is open to NSU students majoring in Political Science with the requisite GPA. For more information, contact the Halmos College of Arts and Sciences and the Guy Harvey Oceanographic Research Center (hcas.nova.edu).

Rho Rho Rho

The Beta Chapter of this honor society was established to recognize outstanding students earning a degree in marine biology. Members of Rho Rho Rho work to promote awareness of marine biology and appreciation of the marine environment with students of all majors. Students are inducted into this society annually. To be eligible as a regular member, a student must have

declared a major or minor in marine biology, completed at least two full semesters (30 credits), completed at least two courses that qualify for the marine biology major and are at the 2000 level or above with an average grade of 3.0 (B) or higher in those courses, have an overall NSU GPA of 3.2 or better, and be in good academic standing. For more information, contact the Halmos College of Arts and Sciences and the Guy Harvey Oceanographic Research Center (hcas.nova.edu).

Sigma Beta Delta

Sigma Beta Delta is an international honor society for students in business, management, and administration with the purpose of encouraging and recognizing scholarship and achievement and to encourage and promote personal and professional improvement. To be eligible for membership, a business student must substantially complete all coursework by March of the commencement year, maintain a 3.8 or higher GPA overall, and be invited to membership by the faculty officers. Students must be enrolled in the courses required to complete the degree. Undergraduate students are inducted on the day of the annual commencement ceremony. Students must have completed at least one half of the degree program at NSU. Each year, students are notified by mail if they meet the criteria to join Sigma Beta Delta. For more information, contact the H. Wayne Huizenga College of Business and Entrepreneurship (business.nova.edu).

Sigma Tau Delta

Alpha Nu Iota is NSU's chapter of Sigma Tau Delta, the international English honor society. Sigma Tau Delta's goals are to recognize academic excellence of students of the English language and literature, as well as the accomplishments of professional writers. In order to be eligible for membership, students must be an English major or minor, have a minimum of a 3.5 GPA in NSU LITR and WRIT courses, a minimum 3.5 cumulative GPA, have completed at least 6 credits of LITR or WRIT, and have completed at least 36 credits of college work (transfer or NSU). For more information, contact the Halmos College of Arts and Sciences and the Guy Harvey Oceanographic Research Center (hcas.nova.edu).

Sigma Theta Tau

Upsilon Chi is NSU's chapter of Sigma Theta Tau, the International Honor Society of Nursing. Sigma Theta Tau supports the learning, knowledge, and professional development of nurses committed to making a difference in health worldwide. In order to qualify, undergraduate students must have a 3.0 GPA or higher or be in the top thirty-five percent of their class. For more information, contact the Ron and Kathy Assaf College of Nursing (nursing.nova.edu).

Sigma Xi

Sigma Xi, The Scientific Research Honor Society was established at Cornell University in 1886 to reward excellence in scientific research and to encourage a sense of companionship and cooperation among scientists in all fields. The Society is a robust organization of members and chapters dedicated to companionship in science and engineering and to the advancement of knowledge through research, service, and teaching. Membership is available at levels from advanced researchers and academics to undergraduates. For more information, visit contact the Halmos College of Arts and Sciences and the Guy Harvey Oceanographic Research Center (hcas.nova.edu).

Upsilon Pi Epsilon

Upsilon Pi Epsilon (UPE) has an express purpose to promote the computing and information disciplines and to encourage their contribution to the enhancement of knowledge. UPE was first organized at Texas A&M University, College Station, Texas, in 1967. The international organization now consists of chapters in various colleges and universities in North America and overseas. The mission of UPE is to recognize academic excellence at both the undergraduate and graduate levels in the Computing and Information Disciplines. UPE is a member of the Association of College Honor Societies (ACHS). UPE is the first and only, existing international honor society in the Computing and Information disciplines. UPE has received endorsements from the two largest computer organizations in the world, the Association for Computing Machinery (ACM) and the IEEE Computer Society (IEEE-CS). UPE is also a charter member of The International Federation of Engineering Education Societies (IFEES). For more information, contact the College of Computing and Engineering (cec.nova.edu).

Students may also join academic and pre-professional clubs and organizations. Members often gain insights to professional opportunities and requirements. For more information about university organizations, including fraternity and sorority organizations, social, athletic, and service clubs, go to sharkhub.nova.edu. For additional information on specific clubs and organizations, please contact your college or the Office of Campus Life and Student Engagement.

Presidential Scholars Program

The Presidential Scholars Program is NSU's premier scholarship program. A limited number of incoming students are invited to interview for this program during Shark Preview Weekend, if they are determined to be eligible. Students selected for this program will have the opportunity to serve in leadership roles and as student ambassadors for the university and will serve as student success mentors to other NSU students. In return for their participation, students are awarded an annual renewable scholarship.

The Fischler Academy

The Fischler Academy is a combined bachelor's and master's program for students interested in the field of education. Through a combination of innovative teaching strategies and early immersion experiences, students graduate with the knowledge and practical skills required to be successful educators in the 21st century.

The Huizenga Business Innovation Academy

The Huizenga Business Innovation Academy is a combined bachelor's and master's program for first-time in college students interested in becoming innovators and entrepreneurs. Through a combination of hands-on experiences and a curriculum created by real world professionals, students will be on the fast track to starting their own business or becoming an entrepreneurial leader in a corporate context. Huizenga Business Innovation Academy students are required to take the Venture Creation minor, which includes a special summer immersion experience. The Venture Creation minor is only open to Huizenga Business Innovation Academy students. NSU may provide seed funding (Seed Funding) towards an approved business venture. Student(s) will compete for Seed Funding only after successfully completing all HBIA program requirements, including, without limitation, (a) reviewing supplemental documentation regarding Seed Funding and (b) completing the Seed Funding application and approval process, which includes, among other things, the preparation of a viable business plan that must be presented and defended during panel reviews with individuals selected by NSU to serve as panel members. In connection with the foregoing business plan, student(s) acknowledges and agrees that viability of such business plan shall be determined by NSU in its sole discretion.

For additional information, please visit the program page at business.nova.edu/innovation/.

Admissions

General Admission Information

Office of Undergraduate Admissions
Nova Southeastern University
Horvitz Administration Building
3300 S. University Drive
Fort Lauderdale, Florida 33328-2004
Phone:

in Broward County, (954) 262-8000

in Miami-Dade County, (305) 940-6447, ext. 28000

from other locations, 800-338-4723

from the Caribbean islands and Canada, 800-554-6682 ext. 28000

Fax: (954) 262-3811

Email: admissions@nova.edu

Website: undergrad.nova.edu

Office of Admissions (For Medical Sonography, Cardiovascular Sonography, and Respiratory Therapy)
Nova Southeastern University
Health Professions Division
Terry Building
3200 South University Drive
Fort Lauderdale, Florida, 33328
Phone: (954) 262-1101

See page 17 of this catalog for academic program listings offered by Nova Southeastern University.

Admission Procedures and Requirements

To learn specific admission policies, procedures, and requirements for each individual program or college, prospective undergraduate students should review the following catalog guidelines, as well as contact an admissions representative or visit nova.edu/undergraduate/admissions/.

APPLICATION DEADLINES

Prospective undergraduate students may apply for admission and be accepted to NSU by stated deadlines. Students should apply early to ensure their application receives prompt consideration. For more information on a specific program's application deadline or how to apply for priority consideration, students should contact an admissions representative at the Office of Undergraduate Admissions at (954) 262-8000 or refer to nova.edu/undergraduate/admissions/.

Please note the following deadlines:

| Program | Term | Application Deadline | Class start |
|---|--------|---|-----------------|
| Bachelor's degrees— Abraham S. Fischler College of Education and School of Criminal Justice; College of Computing and Engineering; College of Psychology; Dr. Kiran C. Patel College of Osteopathic Medicine; Dr. Pallavi Patel College of Health Care Sciences; H. Wayne Huizenga College of Business and Entrepreneurship; Halmos College of Arts and Sciences and the Guy Harvey Oceanographic Research Center | Fall | Early Decision and Early Action: November 1, 2023 Regular Decision: February 1, 2024 | August 19, 2024 |
| | Winter | November 1, 2024 | January 6, 2025 |
| | Summer | April 1, 2025 | May 5, 2025 |

| | | | |
|---|--------|------------------|-----------------|
| B.S.R.T. Post-Professional (Online) | Fall | August 1, 2024 | August 19, 2024 |
| | Winter | December 1, 2024 | January 6, 2025 |
| | Summer | April 1, 2025 | May 5, 2025 |
| Respiratory Therapy B.S.R.T. First-Professional (entry-level) | Fall | July 18, 2024 | August 19, 2024 |
| Entry B. S. N. Accelerated Bachelor of Science in Nursing | Fall | August 15, 2024 | August 19, 2024 |
| | Winter | December 1, 2024 | January 6, 2025 |
| B.S. Cardiovascular Sonography | Summer | April 1, 2025 | May 5, 2025 |
| B.S. Medical Sonography | Summer | April 1, 2025 | May 5, 2025 |

REQUIRED DOCUMENTATION

The Office of Undergraduate Admissions reviews applications and makes a determination of admittance or non-admittance. Factors affecting the committee's decision include high school grade point average (GPA), optional Scholastic Aptitude Test (SAT), Classic Learning Test (CLT), or American College Test (ACT) scores, previous college performance, recommendations, interviews, student essays, and any other matters deemed relevant by the committee. Applicants must provide official high school and college transcripts from all previous schools attended, whether or not credit was granted. Applicants completing their senior year of high school, and in some cases transfer applicants, may also self-report SAT, CLT, or ACT scores on their application for admission. The high school transcript may be omitted for students who have at least 24 transferable credits from a regionally accredited institution. Applicants who attended foreign institutions must have coursework from the foreign institutions evaluated for U.S. institutional equivalence. For more information, see the "International Students Admissions" section on page 48 of this catalog.

For information on additional documentation required for admittance into specific majors or programs, students should review the following individual program requirements.

Freshman Applicants

In addition to the documents described under the "Required Documentation" section above:

By the final day of the drop and add period noted on the academic calendar for the student's first semester at Nova Southeastern University: 1.) Freshman applicants must submit all final, official transcripts reflecting proof of graduation and completed academic coursework prior to enrollment with final grades earned (e.g., current high- school transcript or GED equivalent). 2.) Freshman applicants who opted to submit self-reported test scores for admission must also submit official SAT, CLT, or ACT scores directly from the testing agency.

A freshman is a student who has no prior postsecondary experience attending any institution (including academic or occupational programs). In addition, students enrolled in the fall term immediately following high school graduation, who attended college for the first time in the prior summer term, and/or students who entered with advanced standing (college credits earned before graduation from high school), are considered freshmen.

Transfer Applicants

Transfer applicants with at least 24 transferable credits must submit official, final college transcripts from all previous schools attended, whether or not credit was awarded, reflecting final grades earned. If, at the time of application, students have any courses in progress at another institution, a final, official transcript must be submitted. **Transfer applicants** with less than 24 transferable credits must submit official, final college transcripts from all previous schools attended, whether or not credit was awarded, reflecting final grades earned, in addition to submitting all final, official high school transcripts reflecting academic coursework, and may opt to submit official SAT, CLT, or ACT scores.

Traditional day students, on receiving notification of acceptance, should promptly inform the Office of Undergraduate Admissions by submitting a \$200 enrollment deposit to be credited toward tuition.

All final, official documents must be submitted by the final day of the drop and add period noted on the academic calendar for the student's first semester at Nova Southeastern University.

Bachelor of Science in Respiratory Therapy First Professional Program

In addition to the documents described under the “Required Documentation” section, students applying for entry to the Bachelor of Science in Respiratory Therapy—First Professional Program must submit evidence of the following:

- Completion of 40 credit hours of pre-requisite courses, with a minimum grade of C, from a regionally accredited college or university.
- Minimum cumulative GPA of 2.5 on a 4.0 scale from all undergraduate work.
- Minimum cumulative Science GPA of 2.5.
- Application and a non-refundable application fee
- The Bachelor of Science in Respiratory Therapy First Professional requires a personal interview. All interview expenses are the responsibility of the applicant
- Under special circumstances, a student may be granted an exception to attempt up to six credit hours of prerequisite credits (excludes sciences) while enrolled in the BSRT program; such circumstances will be decided on a case-by-case basis and must be approved by the Department Chair

For prerequisite information and admissions requirements, please visit healthsciences.nova.edu/rrt.

Bachelor of Science in Respiratory Therapy Post-Professional Program

Students applying for the Post-Professional (online) program must submit evidence of the following:

- NBRC Registration as a Registered Respiratory Therapist. (A block grant of 45 credits will be applied toward the B.S.R.T. upon proof of RRT and Licensure where applicable, and successful completion of all B.S.R.T. course work).
- A license to practice respiratory therapy, where applicable.
- Application and non-refundable application fee.
- Official transcripts from each university/college attended.
- Completion of the following prerequisite general education coursework, with a minimum grade of C. All general education coursework will be evaluated for equivalency. Students must have at a minimum 2 Written Communication above 1500 level (6 credits), 2 Math above 1040 level (6 Credits)—one of which must be college Algebra, 2 Social and Behavioral Sciences (6 Credits), 2 Humanities (6 credits), and 2 Natural and Physical Sciences (6 credits) to enter the B.S.R.T. Post-Professional program.
- Students may be concurrently enrolled while completing any additional general education requirements. Credits can be transferred in prior to completion of the program. The degree will not be granted until all general education requirements are met. For prerequisite information and admissions requirements, please visit healthsciences.nova.edu/rrt.

Bachelor of Science in Cardiovascular Sonography

The B.S. in Cardiovascular Sonography program uses a holistic approach to applicant evaluation, and will admit individuals with different education, work, and life experiences who have demonstrated capacity to pursue the course of study in cardiovascular sonography. Areas of consideration include application content, academic record, prior scientific, health care, or elder care work or volunteer experience in a health care facility, letters of evaluation, and personal motivation. The Bachelor of Science in Cardiovascular Sonography requires a personal interview. Distance technology such as Skype or Zoom may be used for out-of-town applicants. All interview expenses are the responsibility of the applicant.

In addition to the documents described in this “Required Documents” section, students applying for entry to the B.S. Cardiovascular Sonography program must submit evidence of the following:

- A minimum of 30 semester credits—6 credits in Physical/Human/Biological Science (consisting of 6 credits in Human Anatomy & Physiology I and II OR 3 credits in Human Anatomy and Physiology I, and 3 credits in General Physics; these courses may be with or without a Lab), 6 credits of Social and Behavioral Sciences, 6 credits of Humanities, 6 credits of English Composition, and 6 credits of College Math or Statistics equivalent to or higher than NSU’s Math 1040 level—from a regionally accredited college or university with a minimum cumulative GPA of 2.6 on a 4.0 grading scale. Only courses with a minimum grade of 2.0 on a 4.0 grading scale or letter grade of a “C” may be considered for possible acceptance for prerequisite purposes. College Level Entry Proficiency (CLEP) exams in these general education areas may also be accepted for prerequisite satisfaction; please discuss with your Admissions advisor for details.

- General education courses cannot be survey courses.
- Highly recommended courses:
 - Anatomy and Physiology II or III (with or without lab)
 - Basic Medical Terminology
- With case-by-case approval, up to 9-credit hours of a combination of English, Arts and Humanities, Social and Behavioral Sciences, and one Mathematics course may be completed as co-requisites during the program. A Learning Contract will be created to document student academic responsibilities to satisfy any such co-requisite courses
- Two letters of evaluation from individuals other than relatives such as academic advisors, professors, or clinical or nonclinical supervisors, or community associates.
- A complete resume or CV.

For prerequisite information and admissions requirements, please visit:

<https://healthsciences.nova.edu/healthsciences/cardiovascular/>.

Bachelor of Science in Medical Sonography

The B.S. in Medical Sonography program will admit individuals with different education, work, and life experiences who have demonstrated capacity to pursue the course of study in medical sonography. Areas of consideration include application content, academic record, prior scientific, health care, or elder care work or volunteer experience in a health care facility, letters of evaluation, and personal motivation. The Bachelor of Science in Medical Sonography requires a personal interview. Distance technology such as SKYPE or Zoom may be used for non-local applicants. All interview expenses are the responsibility of the applicant.

In addition to the documents described in this “Required Documents” section, students applying for entry to the B.S. Medical Sonography program must submit evidence of the following:

- A minimum of 30 semester credits—6 credits in Physical/Human/Biological Science (including 3 required credits in General Anatomy and Physiology I, and 3 credits in Physics), 6 credits of Social and Behavioral Sciences, 6 credits of Humanities, 6 credits of English Composition, and 6 credits of College Math above 1040 level—from a regionally accredited college or university with a minimum cumulative GPA of 2.75 on a 4.0 grading scale. Only courses with a minimum grade of 2.0 on a 4.0 grading scale or a letter grade of “C” may be considered for possible acceptance for prerequisite purposes. College Level Entry Proficiency (CLEP) exams in these general education areas may also be accepted for prerequisite satisfaction; please discuss with your Admissions advisors for details.
- General education courses cannot be survey courses.
- Highly recommended courses Anatomy and Physiology II (with or without lab) and Basic Medical Terminology
- With case-by-case approval, up to 9-credit hours of a combination of English, Arts and Humanities, Social and Behavioral Sciences, and one Mathematics course may be completed as co-requisites during the program. A Learning Contract will be created to document student academic responsibilities to satisfy any such co-requisites courses
- Two letters of evaluation from individuals other than relatives such as academic advisors, professors, or clinical or nonclinical supervisors, or community associates.
- A complete resume or CV.

For prerequisite information and admissions requirements, please visit healthsciences.nova.edu/healthsciences/sonography/.

Bachelor of Science in Nursing

In addition to the documents described in this “Required Documentation” section, students applying for entry to the Bachelor of Science in Nursing—Entry Track must submit evidence of the following:

- Applicants must have completed a minimum of 39-41 semester hours (or equivalent quarter hours) of specific undergraduate coursework from a regionally accredited college or university prior to matriculation into the nursing program with a minimum cumulative GPA of 3.0 or higher on a 4.0 scale with the exception of the ABSN students who will be expected to have a higher GPA.
- Official transcripts indicating completion of each prerequisite course with a grade of C or higher. (Applicants may submit transcripts if enrolled in a final semester of courses in progress.)
- Applicants with a grade of a C- or below in the required natural/physical science course will not be considered for admission. Applicants who have a pattern of W on their transcripts will not be considered for admission. Students with extenuating circumstances will be evaluated by administrative faculty.

- Eligible students are required to successfully complete an interview prior to final acceptance into Ron and Kathy Assaf College of Nursing programs.

Accelerated Bachelors Science Nursing (ABSN)

- Students who wish to become licensed registered nurses and already have a bachelor's degree in another field may apply to the accelerated B.S.N. program. Student selection will be impacted by rigorous eligibility standards, especially science GPA. NSU will accept 60 credits from the student's bachelor's degree. Completion of the BSN program pre-requisite courses with a grade of C or higher. No failures in science courses.
- Students complete the A.B.S.N. degree program in four semesters after completing 64 credits of didactic course work and clinical hours at NSU Working during the program is strongly discouraged due to course load and completion of clinical hours.
- This program is offered on the Fort Myers and Miami campuses.

The entry B.S. in Nursing program participates in Nursing's Centralized Application Service (NursingCAS). The NursingCAS application must be received no later than August 1 to be considered for the fall class and December 1 to be considered for the winter class.

Premier Program Applications

DUAL ADMISSION PROGRAM

NSU offers Dual Admission to a select number of highly motivated, academically talented students interested in pursuing both an undergraduate degree and future graduate studies. For information and a list of dual admission programs, see "Dual Admission Programs" section on page 33 of this catalog or go to nova.edu/undergraduate/academics/dual-admission/. Students interested in applying for dual admission programs should speak with an undergraduate admissions counselor to determine eligibility.

FARQUHAR HONORS COLLEGE

The Farquhar Honors College fosters an intellectual community both within and across academic disciplines by offering distinctive coursework, reading groups, and workshops to help students prepare for graduate school, advanced research, study abroad, and post-baccalaureate fellowships. Students must complete a separate application for the Farquhar Honors College, available at <https://honors.nova.edu>. Academically motivated students are encouraged to apply.

The Honors College application includes two essay questions that are reviewed by a faculty committee. Applications are accepted on a continuous basis year-round, and interested students are encouraged to apply as early as possible. Applications for new students are reviewed for fall semester admission and must be submitted by May 1. Applications for current NSU students must be submitted by March 1. Prospective students may apply for the Honors College prior to being admitted to NSU and are also eligible to apply for other special programs.

For more information, see the "Farquhar Honors College" section on page 199 of this catalog.

HOCHBERG-MINIACI RAZOR'S EDGE SCHOLARS

Nova Southeastern University offers five premier scholars programs—Global, Leadership, Research, Shark Talent, and Shark Teach. These four-year residential programs combine curricular and co-curricular experiences intended to capture the unique interests and talents of prospective and current students. Students who complete one of these five specific programs will earn an academic minor and/or will participate in one of the premier program academics, depending on the Hochberg-Miniaci Razor's Edge Scholars program. In return for their participation, students are awarded an annual renewable scholarship.

For more information about these programs, please visit nova.edu/razorsedge/. Students interested in applying for Hochberg-Miniaci Razor's Edge Scholars should speak with an undergraduate admissions counselor to determine eligibility.

THE FISCHLER ACADEMY

The Fischler Academy is a combined bachelor's and master's program for students interested in the field of education. Through a combination of innovative teaching strategies and early immersion experiences, students graduate with the knowledge and practical skills required to be successful educators in the 21st century.

For additional information, please visit the program page at education.nova.edu/FischlerAcademy.

THE HUIZENGA BUSINESS INNOVATION ACADEMY

The Huizenga Business Innovation Academy is a combined bachelor's and master's program for first-time in college students interested in becoming innovators and entrepreneurs. Through a combination of hands-on experiences and a curriculum created by real world professionals, students will be on the fast track to starting their own business or becoming an entrepreneurial leader in a corporate context. Huizenga Business Innovation Academy students are required to take the Venture Creation minor, which includes a special summer immersion experience. Students interested in applying for the Huizenga Business Innovation Academy program should speak with an undergraduate admissions counselor to determine eligibility.

For additional information, please visit the program page at business.nova.edu/innovation/.

Pre-Degree Granting Programs

Nova Southeastern University offers three undergraduate pre-degree granting programs. The deciding pre-degree program is for students who have not yet chosen a major at NSU. The pre-nursing program is for students who do not meet the admission requirements of the Bachelors of Nursing majors at NSU, and are committed to successfully completing those prerequisite courses at the university. The pre-respiratory therapy program is for students who do not meet the admissions requirements of the Bachelor of Science in Respiratory Therapy at NSU and who need to complete the prerequisite courses for entry into that major. These pre-degree programs do not grant degrees nor certificates upon completion. Successful completion of these pre-degree granting programs does not guarantee admission into their respective bachelor's degree-granting programs at NSU.

Students enrolled in these programs, intending to pursue a bachelor's degree, may be eligible for financial aid and institutional scholarships.

DECIDING PROGRAM

Many students have not decided which program of study or career path to follow when they enter college. Many change their minds more than once during their college education. Through the Deciding Program, NSU faculty and staff help students choose a career path and select a major. Students have the opportunity to explore a variety of interests before declaring a major field of study.

Students who do not select a major program during the admissions process are considered "deciding." All students, including transfer students, must declare a major by the completion of 60 cumulative credits (including non-NSU credits). Deciding students and students who wish to change their originally declared major should contact their academic advisor.

The Deciding Program is housed in the Halmos College of Arts and Sciences and the Guy Harvey Oceanographic Research Center.

PRE-NURSING PROGRAM

Students interested in the bachelor's in nursing program can take General education courses and pre-requisite courses at NSU. The undergraduate Pre-Nursing Program at the Ron and Kathy Assaf College of Nursing is designed for students who wish to apply to NSU's Entry Bachelor of Science in Nursing program, and complete the program's admission prerequisite courses at the university. These prerequisite courses are listed under Halmos College of Arts and Sciences and the Guy Harvey Oceanographic Research Center's Department of Biological Sciences. Successful completion of these prerequisite courses does not guarantee admission to the B.S.N. program. Additional requirements, beyond course prerequisites, are needed for B.S.N. applicants to be eligible for admission. Students must contact NSU's Ron and Kathy Assaf College of Nursing for the applicable B.S.N. program admission requirements and interview preparation interview process.

For more information on B.S.N. admission requirements and prerequisites, refer to the “Admission Procedures and Requirements” on page 42 and the Bachelor of Science in Nursing portion of the “General Education Program” section on page 94 of this catalog.

PRE-RESPIRATORY THERAPY PROGRAM

The undergraduate Pre-Respiratory Therapy program at the Halmos College of Arts and Sciences and the Guy Harvey Oceanographic Research Center is designed for students who wish to apply to NSU’s Bachelor of Science in Respiratory Therapy First-Professional program, and complete the program’s admission prerequisite courses at the university. These prerequisite courses are offered by NSU’s Halmos College of Arts and Sciences and the Guy Harvey Oceanographic Research Center through the Pre-Respiratory Therapy Concentration in the General Studies major and are held on NSU’s Fort Lauderdale campus. Successful completion of these prerequisite courses does not guarantee admission to the B.S.R.T program. Additional requirements, beyond course prerequisites, are needed for B.S.R.T. applicants to be eligible for admission. Admission prerequisites are subject to change at any time. Students must contact the Department of Cardiopulmonary Sciences for the applicable B.S.R.T. program admission requirements. Pre-Respiratory Therapy students must abide by the policies of the Halmos College of Arts and Sciences and the Guy Harvey Oceanographic Research Center. For more information on B.S.R.T admission requirements and prerequisites, refer to the “Department of Cardiopulmonary Sciences” on page 177 and the “General Education Program” section on page 94 of this catalog.

Special Circumstances

HOME-SCHOOLING

Nova Southeastern University welcomes undergraduate applicants who have been home-schooled for their secondary school education. Home-schooled applicants should provide a notarized transcript and official SAT, CLT, or ACT scores to demonstrate high-school equivalence. As with all candidates for admission, each applicant is considered on their individual merits and potential for academic success at NSU. Acceptance is not based on any one criterion, and in appropriate cases, requirements for documentation may vary or be modified.

INTERNATIONAL STUDENTS ADMISSIONS

International students applying to NSU’s Fort Lauderdale/Davie campus, or to any of the university’s Florida NSU regional campuses, are required to obtain a student (F-1) visa or an exchange visitor (J-1) visa. Students are not permitted to study in the United States on a visitor (B-2) visa. To apply, international students should submit an online application form and a \$50 nonrefundable application fee, following the program’s application instructions.

First-Time-in-College International Applicants

First-Time-In College applicants must complete and submit an application using either the Common Application or the NSU Shark Select International Application.

With the Common Application, applicants can submit an essay and will choose one of the five prompts provided. With the NSU Shark Select International Application, applicants can submit an original writing sample of their choice.

Submit Secondary School/Post-Secondary Credentials:

Applicants will need to send an original or certified copy of their home country’s credentials as part of their application. Applicants must also submit a copy of any terminating or qualifying examination results or certificates, if applicable.

Students who have earned CXC or O-level certificates, HSC, BGCSE, and CAPE must provide five passing scores in academic subjects and proof of secondary school completion.

Applicants must submit two documents, one in the original language and one translated to English. Both documents must be notarized/certified.

- Submit Proof of English Language Proficiency
- Submit one Letter of Recommendation

Transcript Evaluation for International Transfer Applicants

Applicants with foreign university level credentials must provide admissions with a credential evaluation. Credits earned at non-U.S. institutions must be evaluated for equivalence by an outside agency approved by the National Association of Credential Evaluation Services (NACES). Applicants are responsible for all evaluation fees. Foreign coursework must be evaluated with a course-by-course evaluation by an NACES-approved evaluation company, such as:

World Education Services
Attention: Documentation Center
P.O. Box 5087
Bowling Green Station
New York, New York 10274-5087
Phone: (212) 966-6311
Website: wes.org

SpanTran
2655 Le Jeune Rd., Suite 602
Coral Gables, Florida 33134
Phone: (305) 749-0333
Website: spantran.com

Educational Credential Evaluators
P.O. Box 514070
Milwaukee, Wisconsin 53203-3470
Phone: (414) 289-3400
Website: ece.org

Josef Silny and Associates
7101 SW 102 Avenue
Miami, Florida 33173
Phone: (305) 273-1616
Website: jsilny.org

A complete list of NACES-approved evaluation companies can be found at naces.org/members.

English Proficiency Requirements

Official test scores results should be sent directly to Nova Southeastern University from the testing agency. Students who are accepted for an interview with the Ron and Kathy Assaf College of Nursing must demonstrate the ability to speak and write English to be accepted into the program.

Proof of English proficiency is required from all students unless they are from the following countries – Commonwealth Caribbean, Bermuda, Canada, United Kingdom, Republic of Ireland, South Africa, Australia, or New Zealand.

Students who did not graduate from an English-Speaking high school and/or English is not their native language must be able to demonstrate adequate English skills by submitting one of the following:

- Proof of graduation from a U.S. regionally accredited high school.
- College transcript with one “English Composition One” course at a U.S. regionally accredited college with a grade of C or better.
- Proof of English language proficiency with the following scores:
 - Test of English as a Foreign Language (TOEFL): 213 on the computer-based test; 550 on the paper-based test; or 79 on the Internet-based test
 - International English Language Testing System (IELTS*): 6.0 or higher on the test module
 - Duolingo Test of English: 105 or higher
 - Pearson Test of English-Academic (PTE Academic): Overall score of 54 or higher
 - Passing Level 4 or higher from TALK International: 4 or higher from Talk English Schools.
 - SAT verbal score of 520 or higher, or ACT English score of 20

- ITEP Academic (International Test of English Proficiency): Overall score of 3.9 or higher
- Completion and passing of ELS Level 112 Intensive Program English for Academic Purposes
- ITEP Academic (International Test of English Proficiency): Overall score of 3.9 or higher
- Cambridge English B2 First, C1 Advanced, or C2 Proficiency

Financial Documents

International applicants requiring an F-1 or J-1 visa must submit an original bank statement or original letter from a financial institution indicating ability to meet all costs of education, less any financial aid they have received from NSU. The minimum amount is determined by a budget prepared by the NSU Office of Financial Aid. A notarized letter from a sponsor is required if a public or private organization or an individual sponsors the student. The financial guarantee must include provisions for any dependents who will be residing with the student in the United States. Students should check with the Office of International Affairs at nova.edu/internationalstudents/current/payments.html.

Medical Insurance

International students are subject to the university's Student Health Insurance requirement. For additional details, please see the full policy on page 74 of this catalog. Students who physically reside in a country other than the United States and who will remain there while enrolled are exempt from the university's requirement. However, the online waiver application must be completed before the program's deadline. If the online waiver application is not completed before the program's deadline, the insurance fee will remain on the account.

Acceptance Letters and Deposits

After NSU has received all of the above information and has granted admission, an acceptance letter will be sent. The process of issuing the I-20 will begin only after all final, official documents have been received.

NON-DEGREE-SEEKING STUDENTS

NSU provides opportunities for individuals who wish to continue their education without seeking a degree from the university. A non-degree-seeking student is one who takes courses without pursuing a degree. If a non-degree-seeking student decides to pursue a degree at NSU, the student must submit a new admission application and meet all the admission requirements to be considered for admission to their degree program of choice. Such a student may request the application of credits taken as a non-degree-seeking student in accordance with the transfer policy of the program to which the student is applying. Enrollment in courses as a non-degree-seeking student does not guarantee acceptance into a Nova Southeastern University degree program.

Non-degree-seeking students are not eligible for financial aid, unless they are enrolled in financial aid eligible preparatory coursework or are pursuing a financial aid-eligible certificate program. Contact an admissions or financial aid counselor for details. Students must submit a transcript indicating completion of high school or GED equivalent, or a transcript from the last college attended.

Non-degree-seeking students may take up to 24 credit hours or enroll in a specialty program without being admitted to a degree program. The 24-credit limit does not apply to students who have already earned a baccalaureate degree. Students seeking a paralegal certificate must hold a baccalaureate degree.

Dr. Pallavi Patel College of Health Care Sciences

Students may not take courses in the cardiovascular sonography program, medical sonography program, or respiratory therapy program on a non-degree seeking basis.

Ron and Kathy Assaf College of Nursing

Non-degree-seeking students are not eligible to take courses in the Ron and Kathy Assaf College of Nursing.

SECOND BACHELOR'S DEGREE

Individuals who already hold a bachelor's degree from an accredited institution, including NSU, may earn a second bachelor's degree from NSU by completing a minimum of 30 additional credits toward the second degree. At least 50 percent of the major must be taken at NSU. For more detailed information or inquiry, please consult your academic advisor.

Academic Inactivity and Reapplication for Admission

NSU requires all students to make consistent progress toward obtaining a degree or certificate at the university. Any student who does not complete a course and earn credit(s) for three consecutive semesters/four terms will be considered inactive and withdrawn from the University, excluding any semesters/terms where the student is on an approved leave of absence (nova.edu/registrar/policies/leave-of-absence-policy.html). Students withdrawn pursuant to this policy who wish to continue their academic program are required to follow the readmission process as detailed in their college or academic program's student handbook/catalog. Readmission is solely at the discretion of the student's college or academic program and may include specific conditions, including the repeat of courses or the entirety of the academic program, when deemed appropriate by the college/academic program. Additionally, students may be subject to the admissions standards and academic program requirements as outlined in the student handbook/catalog for the academic year in which the student is seeking readmission. While this policy is intended to set forth the maximum period of academic inactivity, colleges and academic programs are permitted to adopt more stringent standards, i.e., shorter time periods of inactivity that will lead to withdrawal. Students should consult with their college or academic program for additional information about the maximum period of academic inactivity applicable to their course of study.

Students withdrawn from NSU due to academic inactivity and seeking readmission to their academic program will be required to petition their specific college or academic program for readmission.

Transfer Credits

NSU welcomes undergraduate students who have studied and earned college credits at other regionally accredited institutions. Students may access the online interactive NSU Transfer Credit System at nova.edu/tes to view and create an unofficial equivalency review of credits earned and their respective NSU equivalencies. **For an official review, transcripts from all previously attended institutions should be submitted electronically to electronictranscripts@nova.edu.**

The Office of Transfer Evaluation Services (TES) will evaluate student's transfer credits once admitted to the university and at least one (1) transcript has been received. Students who have attended more than one institution must submit all final-official transcripts (i.e., no coursework in progress). The student's admission will not be considered final until all final-official transcripts have been received. For questions regarding admissions, please contact an Admission Counselor.

Transfer credit evaluation notices are sent to students via email only and include instructions on how to access their online degree audit in Degree Works. The purpose of the audit is to provide students with the information needed for registration purposes. Transfer students shall be governed by the graduation requirements (see page 62) published in the *NSU Catalog* at the point of matriculation.

Transfer students may be required to complete additional courses at NSU prior to the awarding of the baccalaureate degree. The additional courses may include general education requirements and may result in students graduating with more than 120 credits. Should the maximum timeframe for Satisfactory Academic Progress (SAP) be exceeded, their financial aid may be impacted.

For more information on transferring credit, students should visit TES online at nova.edu/tes/ or speak with a transfer evaluation services advisor by calling (954) 262-8117 or 800-806-3680, ext. 28117.

Admissions and Transfer Policy for Students Transferring from Institutions Accredited by the Southern Association of Colleges and Schools Commission on Colleges (SACSCOC)

Transfer credit will be accepted at NSU for students who have earned an Associate in Arts degree or 60 credits from a SACSCOC-accredited institution. Transfer students who have earned an Associate in Arts degree or 60 credits from a SACSCOC-accredited institution from 1992 to the present and are in good academic standing as defined by the transfer institution shall be admitted to NSU with junior standing.

Admissions and Transfer Policy for Students Transferring from Other Regionally Accredited Colleges and Universities

NSU will transfer a maximum of 90 degree-applicable credits toward a degree, including credit for the College-Level Examination Program (CLEP), proficiency exams, and prior experiential learning. NSU will transfer courses from previous institutions for which a student has earned a grade of C or higher. Remaining credits and at least 50 percent of credits in the student's major must be earned at NSU in regular academic offerings.

Applicable credits will be transferred based upon received transcripts. The evaluation of transfer credit will be performed on both unofficial and official transcripts. However, a student will not receive full acceptance to the university until all final official transcripts have been received. Students will be advised to take courses at NSU based upon the completed transfer evaluation.

Individual Credit Award Adjustment

The following applies only to First-Time-in-College (FTIC) students who are receiving transfer credit on the basis of examinations (e.g., advanced placement, international baccalaureate, etc.). Depending on a student's personal and academic plans, a new student may choose to identify credits that they do not wish to apply toward their degree. Students will be allowed to adjust incoming transfer credit with assistance and guidance from an academic advisor. The student in consultation with the academic advisor must complete the Credit Award Adjustment Form when requesting the adjustment. Upon submission to the Transfer Evaluation Services (TES) department at faartes@nova.edu, the request for the course adjustment will be reviewed for approval.

The deadline for submission of the Transfer Credit Adjustment Form is by the end of the drop/add period of the first enrolled semester to request that incoming credits are "unchecked" and not applied toward a student's degree. For the 2024-2025 academic calendar, the drop/add deadlines are as follows:

Fall 2024: August 25, 2024

Winter 2025: January 12, 2025

Summer 2025: May 11, 2025

In cases where students submitted the request prior to the deadline but credits in question have not yet been evaluated due to final official transcripts not reflecting a course grade, TES will flag these immediately after the drop/add period, review the progression of the request, and provide a final deadline to the student, if appropriate. Students are expected to review their Degree Works report to verify the number of applicable credits for degree completion.

Assessment of Prior Experiences for Academic Credit

NSU undergraduate students may convert prior professional and other life experiences into academic credit. All requests for prior learning credit must be initiated before a student completes 24 credits at NSU.

Advanced International Certificate in Education, Advanced Placement, and International Baccalaureate Credit

Students who have completed Advanced International Certificate in Education (AICE), Advanced Placement (AP), or International Baccalaureate (IB) examinations may receive college credit toward a bachelor's degree at NSU. Please visit the Office of Transfer Evaluation online at nova.edu/tes/ for an examination listing.

Official test scores should be sent directly from the appropriate agency to:

Nova Southeastern University
Enrollment Processing Services
3300 S. University Drive
P.O. Box 29900
Fort Lauderdale, Florida 33328-2004

1. Full Portfolio

Students who intend to challenge a specific college-level course must submit a full portfolio that presents their knowledge of the

course topic. Full portfolios are evaluated by an appropriate faculty member. Students may earn a maximum of 25 percent of their credits through the full portfolio process. Full portfolios include course syllabus or course description, resume, autobiography, written skills inventory that compares learning experiences with equivalent course subject matter, and other relevant documents, including certificates, training documents, and verification of employment. Students interested in submitting a full portfolio for academic credit should work directly with the Office of Transfer Evaluation Services.

2. General and Subject Testing

Students may meet certain general education, major, and elective requirements in a variety of areas through objective tests in which they demonstrate specific subject knowledge. These tests include (among others) the College Board's College-Level Examination Program (CLEP), DANTES Subject Standardized Test (DSST), and New York University proficiency exams. Students who plan to take these exams as prerequisites for other courses must successfully complete the exams before registering for more advanced coursework. Students must contact their academic advisor before taking any exams.

3. Standard Grants

NSU has established a series of standard college credit grants for common, documented learning experiences. These experiences include certain training courses, certificates, and licenses.

4. Military Service Credit

If you are an active-duty service member or a veteran of the United States Armed Forces, you can receive college credit for your military service. All active, retired, and veteran service members from all Army components, Coast Guard, Marine Corps, and the Navy, can obtain their Joint Services Transcript online and have it directly sent to NSU. Air Force personnel may order a transcript at the Community College of the Air Force.

Transcripts may be mailed to the address below. The fastest and most secure method to have your transcripts sent is through electronic delivery to electronictranscript@nova.edu.

Transfer credit for physical education and marksmanship is not accepted.

For more information on assessment of prior experiences, students should visit TES online at nova.edu/tes/ or speak with a transfer evaluation services advisor by calling (954) 262-8117 or 800-806-3680, ext. 28117.

Transferring NSU Credits to Other Institutions

Credits earned at NSU are eligible for transfer to programs at other institutions. However, transferability of credits taken at NSU to other institutions is at the discretion of the receiving institution. Students should contact the institution of intended transfer for their policies related to accepting transfer credit.

Policies and Procedures

Flexibility in Policies

University policies are intended to describe some of the expectations of members of the university community, as well as outline the university's community policies and programs. They are intended to be used as a guideline and do not create an express or implied contract that cannot be changed or modified. Circumstances not specifically addressed in university policies will be handled on a case-by-case basis by the appropriate official selected by the university. As the need may arise, the university reserves the right to, in its sole discretion, modify, revise, supplement, rescind, suspend, terminate, or change its policies, procedures, programs, activities, and services, in whole or in part, to the fullest extent permitted by law.

Attendance/Absence Policy

The educational process at NSU depends on a close working relationship between students and faculty members. Students are expected to attend class regularly, from beginning to end. Students who miss a class must inform the instructor before the class meeting. University policy requires each faculty member to confirm their class roster during the second week of each semester. Any student deemed as a non-attender will be dropped from the class by the Office of the University Registrar. Students who believe they were reported in error as non-attenders must communicate with the instructor who is the only one to determine whether the student may remain in the class.

Students are responsible for the academic consequences resulting from class absences. Students who miss class because of an illness or other emergency should contact the instructor as soon as possible to arrange for make-up work. Missed assignments/tests can be made up solely at the discretion of the course faculty. The Office of Student Disability Services can review documentation to verify absences due to temporary injuries, illness, or family emergencies. Students who are pregnant or experiencing pregnancy-related conditions are encouraged to contact the Title IX Coordinator to learn about the procedures and options for receiving excused absences or other academic accommodations or modifications related to pregnancy.

This policy applies to all undergraduate programs; however, details can vary for students in the Dr. Pallavi Patel College of Health Care Sciences and Ron and Kathy Assaf College of Nursing. Please refer to your respective college's student handbook for more specifics on the Attendance Policy.

- Dr. Pallavi Patel College of Health Care Sciences Student Handbook: https://nova.edu/publications/chcs/chcs_student_handbook/
- Ron and Kathy Assaf College of Nursing Student Handbook: <https://nova.edu/publications/nursing/student-handbook/>

Course Credits—Application Toward Multiple Requirements

Courses taken to fulfill major, minor, certificate, general education, and other program requirements may generally be applied to other program requirements. For example, courses used to satisfy major requirements may also be used to satisfy general education requirements. However, some programs have specific exceptions to this general policy. Students should consult their career and academic success coach or college to determine specific policies about application of course credit.

Duplicate Credits

Nova Southeastern University will periodically adjust student records to eliminate any instance of duplicate credit. This adjustment is completed with the intent to create a more accurate count for students of how many credits they have earned toward graduation.

Students may end up with duplicate credit in any of four ways:

1. By enrolling in and completing a course for which they have already earned credit by examination (i.e., AP, AICE, CLEP, IB, etc.)

2. By enrolling in and completing a course for which they have already been awarded transfer credit from another institution.
3. By enrolling in and completing a course that they have previously earned credit at NSU.
4. By enrolling in and completing courses designated as equivalent by the college.

Duplicate credits are resolved in the following ways:

- For the first and second examples in the above list, the external credit will be removed.
- For the third and fourth examples in the above list, both courses will remain on the transcript but only one course will count toward graduation.

These resolutions only apply for courses completed and passed. If a student fails or withdraws from a course, it is not considered a duplicate credit.

Course Delivery

Students should review the following course delivery options with their career and academic success coach, based on courses required in their majors and their registration choices.

Face-to-Face

Face-to-face classes are scheduled at a variety of times and locations, to best meet demands. Face-to-face classes may also include some online instruction in addition to regular classroom instruction. Some assignments may be administered through internet-based sites associated with class textbooks or through the university's online course management system. Instructors will explain specific requirements for participation in online components.

Online

Students who participate in online classes are supported through a variety of technologies and teaching methods: email, bulletin boards, chat rooms, electronic journals, synchronous conferencing tools, content sharing tools, video lectures, and other digital and web-based tools and resources. Each student must obtain an NSU account to access email, course materials, and library resources. Students may be required to participate in an online orientation before the start of each class.

Hybrid

A hybrid (or blended) course is one that combines (or “blends”) face-to-face and online delivery. More specifically, some of the online sessions may replace traditional face-to-face “seat time”, which means that students complete a portion of activities in the on-ground classroom, and a portion of activities online (instead of going to the classroom). Percentages of face-to face and online course delivery and interaction vary by course.

A wide variety of course materials may be hosted in an L.M.S. (Learning Management System). At NSU, courses are hosted in Canvas, which allows for several activities and interactions to be carried out online. Some examples include hosting of course materials, lecture videos, or micro-learning segments, assessments descriptions and drop-boxes (virtual places where students can turn in their assignments instead of printing them), video conferences (with or without webcams), online discussions, emails, individual group collaboration forums, and others.

Canvas can be accessed at sharklinkportal.nova.edu.

Video-conferenced Courses

Video Conferencing uses telecommunications of audio and video to bring people at different sites together for a class. Besides audio and visual transmission, video conferencing can be used to share documents, computer-displayed information, and whiteboards. Instructors have tools available such as document camera, computer, DVD, Blu-ray, which could be used to enhance the learning experience. Nova Southeastern University reserves the right to record video-conferenced courses without seeking permission or release forms from students. The recordings are for pedagogical purposes only within the university and will not be shared outside the university. The recordings act as back-up in case a technical issue occurs, and distant-site students are not able to participate in a class. Students cannot request copies of lectures without the instructor's approval.

Independent Study

Independent study provides qualified students with an opportunity to research a question of interest under faculty supervision. Students interested in independent study should consult with their career and academic success coach and faculty member. The faculty member will draw up a contract outlining student responsibilities. The student, the instructor and the department chair must sign the contract.

Requests for independent study contracts must be received by the appropriate academic department no later than the following applicable deadlines. However, students are encouraged to work with faculty as early as possible to explore these options:

- Fall independent study: August 1
- Winter independent study: December 1
- Summer independent study: April 1

Students in the Dr. Kiran C. Patel College of Osteopathic Medicine may complete Independent Study for credit toward their academic degree. Interested students should consult with the program director. The faculty member and student will draw up a contract outlining the scope of the student project. The student, the instructor and the program director must sign the contract. The timeline for submission is flexible and often depends on the nature of the proposed project.

Course Evaluations

Course evaluations facilitate the collection of feedback from students about their classes—how they feel about course content, appropriateness of textbook selection, and other aspects. All evaluations are confidential and anonymous. Students are urged to be honest and constructive in their remarks. The course evaluation process is conducted completely online. Students must have an NSU email account to access the course evaluation website. Students will receive an email to their @mysu.nova.edu account when the online evaluation system is open prior to the Exam Week. Evaluations will remain open for a limited time, usually seven days. It is important to complete the course evaluations when the link is sent. Administration uses student feedback to evaluate the course, and the textbook.

Declaring and Changing Majors, Minors, and Programs

DECLARING AND CHANGING MAJORS

Undergraduate students study and work in major fields that prepare them to enter careers or continue formal education in graduate and professional school. Students who do not select a major program during the admissions process are considered “deciding.” All students, including transfer students, must declare a major by the completion of 60 cumulative credits (including non-NSU credits). Deciding students and students who wish to change their originally declared major should contact their Career and Academic Success Coach.

REQUEST FOR SECOND MAJOR

Students are permitted to enroll in and complete a maximum of two majors. Pursuing a second major is a serious commitment and requires significant student responsibility. Students may graduate with a second major depending on the availability of courses and academic department schedules. Students who wish to declare a second major must inform their Career and Academic Success Coach.

A request for a second major may be made by contacting your Career and Academic Success Coach who will review the additional requirements and help develop a new academic plan. A student must have a cumulative grade point average of 2.5 or higher to declare a second major.

The student is responsible for tracking requirements and prerequisites for both major programs, with guidance and assistance from their Career and Academic Success Coach. Both majors will be posted to the transcript at the time of conferral of the bachelor's degree. A second major will not be added to a transcript following conferral of degree.

Requirements for the first major, are based on the curriculum published in the *NSU Undergraduate Student Catalog* for the semester of the student's entry into the university. For majors subsequently added, curriculum requirements are based on the catalog in effect during the semester the second major is declared.

DECLARING AND CONFERRAL OF MINORS

Many NSU colleges offer undergraduate minors. Most courses taken to fulfill general education and major requirements may also be used to satisfy minor requirements. Students may enroll in and complete a maximum of three minors. Some additional restrictions may apply. For details, refer to each minor description.

Pursuing a minor is a serious commitment and requires significant student responsibility. Students may graduate with a minor depending on the availability of courses and academic department schedules. Students may officially declare a minor before the end of each drop/add period through their Career and Academic Success Coach.

Students may request a minor with their Career and Academic Success Coach. The university will strive to make courses available for students to complete the minor in a timely fashion; however, this is not always possible. Successful completion of a minor requires the student to complete at least 50 percent of the coursework for the minor at NSU and attain a grade point average of at least 2.25 for the minor. Successful completion of the Honors Transdisciplinary Studies minor requires a minimum grade point average of 3.5 for the minor. A minor will be posted to the student's transcript at the time of conferral of the bachelor's degree. Minors will not be posted following conferral of the degree.

Enrollment at Other Universities

The following policy applies to all undergraduate programs **EXCEPT** for Bachelor of Health Science; Bachelor of Science in Respiratory Therapy (online); Bachelor of Science in Cardiovascular Sonography; Bachelor of Science in Medical Sonography; and Bachelor of Science in Respiratory Therapy (on-campus), and those in the Ron and Kathy Assaf College of Nursing.

Students enrolled at NSU are generally not permitted to be concurrently enrolled at other institutions. Once students enroll at NSU, they may not take courses at other colleges or universities for the purpose of earning an NSU degree without specific, written approval from their career and academic success coach. Written approval must be obtained before registering for a non-NSU course. Only under unusual circumstances will permission be granted. Students must carefully check the guidelines of their financial aid awards and consult with their career and academic success coach about their transfer credits in advance, to avoid serious ramifications.

Students may take no more than 10 percent of their remaining credits at another university. This quantity is based on status at time of initial matriculation. However, students must meet NSU's residency requirements as outlined in "Graduation Requirements" section on page 62 of this catalog. To request permission to take courses at other institutions, students must submit a Concurrent/Interim Enrollment Application, which can be obtained from their career and academic success coach.

If approved, courses taken at other institutions may be used only for "open" elective credit. Financial aid recipients will be required to complete the NSU Consortium Agreement Form or the contractual agreement to receive financial aid for enrollment at the other institution, if eligible. If courses are to be taken at an institution abroad, the student must also have an NSU Study Abroad Agreement approved.

Students participating in approved Study Abroad and/or Travel Study programs may be exempted from some of the limitations in this policy. Refer to page 91 for additional information regarding Study Abroad.

DR. PALLAVI PATEL COLLEGE OF HEALTH CARE SCIENCES

Students in the Bachelor of Science in Respiratory Therapy Post-Professional Program (online); Bachelor of Science in Cardiovascular Sonography; Bachelor of Science in Medical Sonography; and Bachelor of Science in Respiratory Therapy First-Professional (entry) programs may be permitted with prior approval to take courses and co-requisites at other regionally accredited institutions. All pre-requisite and co-requisite courses must be from regionally accredited institutions and equivalent to NSU's general education courses.

Once matriculated into the program, students may not take required courses at any other college or university and transfer in the credits.

Grading System

GRADING SCALE

Instructors assign grades based on criteria established in course syllabi.

| Letter Grade | Description | GPA Equivalent |
|--------------|--|----------------|
| A | Excellent | 4.0 |
| A- | | 3.7 |
| B+ | | 3.3 |
| B | Good | 3.0 |
| B- | | 2.7 |
| C+ | | 2.3 |
| C | Satisfactory | 2.0 |
| C- | | 1.7 |
| D+ | | 1.3 |
| D | Marginal | 1.0 |
| F | Failure | 0.0 |
| W | Withdrawn | - |
| I | Incomplete | - |
| P | Pass | - |
| AU | Audit (may not be available in all programs) | - |

GRADE POINT AVERAGE AND QUALITY POINTS

A student's academic standing for a specific semester or term is indicated by the grade point average (GPA). The GPA is calculated based on earned credits and letter grades (including Fs, for which students receive 0 credits). The GPA does not include classes from which the student has successfully withdrawn or received an Incomplete. Overall academic standing is indicated by the cumulative GPA (CGPA). GPA calculations include NSU coursework only, based on the following formulas and definitions.

- Quality points = A letter grade's numerical GPA value MULTIPLIED BY the number of credits assigned to the course
- GPA hours = Earned credits, including Fs, excluding withdrawals, and audits, and successfully completed pass/fail courses
- Current semester or term GPA = The total number of quality points for the semester or term DIVIDED BY the total GPA hours for the semester or term
- Cumulative GPA (CGPA) = Total quality points DIVIDED BY total GPA hours

GRADE FORGIVENESS

The grade forgiveness policy enables an undergraduate student to repeat a limited number of courses to improve their cumulative NSU grade point average (GPA), by excluding the original (and lower) grade from calculation. Undergraduate students may use the forgiveness policy for a maximum of three NSU courses, no more than one excluded grade per course will be allowed. Any exception to this policy should be requested through the student's Career and Academic Success Coach.

Grades excluded through this policy will be excluded from the calculation of the term and cumulative NSU GPAs, although they will remain on the transcript. Grade exclusions may not be recognized for graduate/professional school admission, transfer to other institutions, or by our dual admission program. Due to external factors including but not limited to areas such as regional and national accreditation as well as state licensure, certain colleges/programs reserve the right to require a level of academic performance that is greater than the base level established by the university for all undergraduate students.

Only courses taken at NSU qualify for grade forgiveness. Grade exclusions are subject to availability of the course, and there is no guarantee that a particular course will be offered again. This policy does not restrict the number of attempts to repeat courses, but does restrict the number of course grades to be excluded from the cumulative GPA. Course credit may be applied only once toward completion of degree requirements. While this policy may retroactively change a semester GPA, it will not affect related academic standing sanction, and cannot be applied once a degree has been conferred.

In addition to the grade forgiveness policy, please be aware of the Repeat Course Policy for Financial Aid and the maximum number of attempts for an individual course that will be covered by financial aid. Visit nova.edu/financialaid/apply-for-aid/repeat-course.html for additional information.

GRADE REPORTS

Student grades are disseminated online via SharkLink at <https://sharklinkportal.nova.edu>. Legal provisions prohibit the release of personally identifiable information to anyone other than legally authorized persons. Students are permitted to inspect, review, and challenge such information as provided by law.

DEAN'S LIST

Undergraduate students who enrolled full-time and earned a minimum of 12 credits at NSU for the previous semester, earned at least a 3.8 semester GPA, and received no incomplete grades (I), are placed on the Dean's List for that semester. Ron and Kathy Assaf College of Nursing (ACON) students who enrolled full-time and earned a minimum of 9 credits at ACON for the previous semester, earned at least a 3.8 semester GPA, received no incomplete grades (I), and are not repeating a course are placed on the Dean's List for that semester.

Students placed on the dean's list will have a notation made on their official transcripts. The Dean's List is not recognized during summer semesters.

Students who have made the Dean's List will receive a one-time Dean's pin from their college in the Winter term of their graduation year. That pin will reflect the total number of times a student has achieved Dean's List throughout their time as an undergraduate student.

INCOMPLETE

A grade of Incomplete (I) is issued in rare cases because of unusual and exceptional circumstances. Students are only eligible for an Incomplete if

- 50% of the coursework has been completed with a C or above average, and
- the remaining coursework can be completed in a timeframe agreed upon by the faculty member and the student, not exceeding one semester beyond the final date of the course.
- paperwork is submitted before final exams.

It is the student's responsibility to consult the faculty member regarding an Incomplete request. Based on the unusual and exceptional circumstances surrounding the Incomplete request, documentation may be required to be submitted. Please refer to the Incomplete Grade Agreement Form/Contract for more information. Both the student and faculty member must sign the Incomplete Grade Agreement Form/Contract prior to the end of the course and agree upon its conditions via email.

In the nursing programs, the decision to grant an Incomplete rests with the individual course faculty. However, nursing students may appeal the faculty decision, if it is negative, to the program director, whose decision is final.

If the student does not complete the coursework within the agreed upon time frame, the Incomplete grade will be changed to the grade earned based on the work accepted by the instructor to date as stipulated in the contract or agreement (not to exceed 16 weeks); the student only gains points for assignments completed that were included in the incomplete agreement. A student cannot remove an Incomplete by retaking the course in a subsequent semester. A student who is absent at the final examination without prior approval is generally not eligible to receive an Incomplete grade.

Incompletes that have not been addressed by the student and college will ultimately be converted to a Failing grade after 1 year from the end of the term.

ACADEMIC STANDING

Policies outlined below apply to all undergraduate programs. However, if students are admitted to and active in the professional phases of selected professional programs within the Dr. Pallavi Patel College of Health Care Sciences and Ron and Kathy Assaf College of Nursing, they are subject to higher levels of academic performance than the university standard, which will be reviewed and addressed by the host colleges in accordance with their program and accreditation standards. Please refer to “Increased Standards” below.

Academic Standing, as defined below, is separate from the standards for Satisfactory Academic Progress (SAP) for financial aid purposes. For detailed information about maintaining SAP for financial aid eligibility, visit nova.edu/sap.

Nova Southeastern University is committed to ensure accurate tracking and review of a student’s permanent academic record. Academic transcripts serve as documentation for the student and as a record for other agencies (employers, other academic institutions, etc.). The academic transcript reflects the record of courses in progress and attempted, grades received, degrees sought and/or earned (with award and academic completion dates), practicum/dissertation titles, honors awarded, and disciplinary actions which result in a student’s suspension or expulsion from the institution. Additionally, the student’s academic standing is reflected on an academic transcript to provide a more complete depiction of the student’s academic history. The following designations provide for a student’s status as it relates to her/his end-of term academic standing within the university:

Good Academic Standing

A student is in good academic standing unless they are not making sufficient progress toward degree completion and/or is placed on academic probation, academic suspension, or academic dismissal.

Academic Warning

Academic warning will be assigned for any semester in which a student has a semester GPA below 2.0 (regardless of cumulative GPA). A student on warning will receive a formal communication via email. Academic warning will not be a designation of any kind on a student’s transcript. Academic warning will be considered a warning to the student and is not a designation of poor academic standing within the university.

Academic Probation

Academic probation is assigned when a student’s semester and cumulative GPAs are below a 2.0 and the student was already on academic warning. Academic probation will be designated on a student’s transcript. To be removed from academic probation, a student must raise his/her cumulative and semester GPA to a 2.0 or higher by the end of the following semester the student is enrolled. A student may remain on academic probation with a semester GPA of 2.0 or higher if the cumulative GPA is below 2.0. Academic probation carries a permanent designation on the student’s transcript. A student on probation will receive a formal communication via email.

Academic Suspension

A student is placed on academic suspension when they have a cumulative GPA below 2.0 and a semester GPA below 2.0 and was already on academic probation. Suspension results in the cessation of enrollment/registration for the next semester (summer semester does not satisfy the period of academic suspension). A student may not apply any credits earned during suspension (one semester) toward their NSU degree. Academic suspension carries a permanent designation on a student’s transcript. A student on suspension will receive a formal communication via email.

Academic Dismissal

A student is placed on academic dismissal when they have a cumulative GPA below 2.0 and a semester GPA below 2.0, and was previously academically suspended, and was already on academic probation. Academic dismissal carries a permanent designation on the student’s transcript. A student on dismissal will receive a formal communication via email.

Increased Standards

Due to external factors including but not limited to areas such as regional and national accreditation as well as state licensure, certain colleges/programs reserve the right to require a level of academic performance that is greater than the base level established by the university for all undergraduate students. Please refer to the Dr. Pallavi Patel College of Health Care Sciences and Ron and Kathy Assaf College of Nursing handbooks below.

- Dr. Pallavi Patel College of Health Care Sciences Student Handbook: https://nova.edu/publications/chcs/chcs_student_handbook/
- Ron and Kathy Assaf College of Nursing Student Handbook: <https://nova.edu/publications/nursing/student-handbook/>

Appeals

A student may appeal a determination of academic suspension or academic dismissal within ten days of notification. The student will be automatically dropped from classes on determination of suspension or dismissal. The student may not attend class during a period of appeal. Appeals are reviewed and considered by the Academic Progress Committee, comprised of faculty members.

Petition for permission to enroll after academic suspension:

Students who have been suspended and wish to return to NSU must petition for re-enrollment by the date indicated on their suspension notice. No coursework completed at another institution during the period of suspension will be considered applicable to an NSU degree program.

Students who are approved to re-enroll after academic suspension may register for classes for the next semester. These students return on academic probation.

If students have not registered for coursework at NSU for more than one year, they must reapply for admission and their major program's required curriculum will be re-evaluated according to the most current *NSU Undergraduate Student Catalog*.

BSN students **who have not started clinical hours** and **who** have been dismissed from the program may reapply for admission to the program after a minimum of one year. Prior to application, the student must meet with the program director and petition for readmission. The applicant must submit to the program director a written statement along with the student or their application establishing that the factors that caused the prior inadequate academic performance have changed significantly so that there is reasonable expectation that the applicant can perform satisfactorily if permitted to resume their study. This should be documented in the student's file. Readmission will be at the discretion of the program director.

Petition for permission to enroll after academic dismissal:

Academically dismissed students may petition for permission to reapply only after two or more years have elapsed following dismissal. No coursework completed at another institution within two years after dismissal will be considered applicable to an NSU degree program. Only documented, extreme extenuating circumstances will be considered for a student to become eligible to reapply to NSU following an academic dismissal.

The petition will be reviewed by the Academic Progress Committee and will submit a recommendation to the Vice President of Student Affairs or designee, who will make a final decision and communicate with the student. This decision determines if the student is eligible to reapply for admission to NSU.

If students have not registered for coursework at NSU for more than one year, they must reapply for admission and their major program's required curriculum will be re-evaluated according to the most current *NSU Undergraduate Student Catalog*.

Ron and Kathy Assaf College of Nursing students, please refer to nova.edu/publications/nursing/student-handbook/.

Graduation—Degrees, Diplomas, Certification, and Commencement

DEGREE/CERTIFICATE

Students are eligible for conferral when they meet the requirements listed in the NSU Undergraduate Student Catalog in effect when they entered the university, unless a prior request to follow a more recent catalog has been approved. Progress toward completing degree requirements can be tracked using Degree Works. Once the program office has confirmed that the student has met all degree requirements, the student's name will be submitted to the university's Board of Trustees for final approval for degree conferral. Degrees/certificates are awarded on the last day of the month in which the degree application has been approved. Once degrees have been conferred, transcripts and diplomas showing the awarded degree are sent to students by mail to the address on the student's record. Existing holds and outstanding balances will not prevent the awarding of a degree, however, students must satisfy any outstanding balances to receive their diploma. Once a degree is conferred, it is considered the official record that cannot be modified. Therefore, it is important for students to continuously monitor their academic record and request adjustments as needed before each semester's record is closed. NSU reserves the right to rescind a degree in the event there are findings of academic misconduct, fraud, or other violations committed by a student in completing and/or obtaining the degree.

Information regarding the degree conferral process can be located on the University Registrar website at nova.edu/registrar/instructions.html.

DIPLOMAS/ACADEMIC TRANSCRIPTS

The diploma indicates the degree, major, and institutional honors the student has earned. The academic transcript, the official record of work at NSU, indicates degree or certificate earned, major field of study, concentration, minor, and any honors. The academic transcript may also reflect sanctions of suspension, dismissal, or withdrawal pending disciplinary allegations, as well as other limitations on enrollment arising from behavioral or academic reasons. For more details, visit our website at <https://nova.edu/registrar/services/diplomas.html> and <https://nova.edu/registrar/services/transcript.html>.

GRADUATION WITH DISTINCTION

Latin Honors are awarded based on students' cumulative GPA once all final grades have been entered for their graduation term. To be eligible for these honors, a student must also have 56 graded credit hours of NSU courses. The GPA requirements to graduate with Latin honors are as follows:

1. Cum Laude (3.80-3.89)
2. Magna Cum Laude (3.90-3.96)
3. Summa Cum Laude (3.97 -4.0)

The honors level (Cum laude, Magna cum laude, Summa cum laude) will also be reflected on the student's diploma and official transcript.

GRADUATION WITH HONORS

Students within the Farquhar Honors College who complete program requirements will receive notation on their transcript and diploma.

For more information on General Citation and Research Citation in Honors, please refer to honors.nova.edu.

HONORS IN MAJOR

Students who complete the 'Honors in Major' program requirements will receive notation on their transcript and diploma. Students will be acknowledged at the Honors Graduation Reception.

Honors in Major is administered by the Farquhar Honors College and is a unique opportunity for high performing NSU undergraduate students in their senior year. For more information, see the 'Honors in Major' website: honors.nova.edu/honors-in-major/.

COMMENCEMENT

Undergraduate Commencement ceremony is typically held in May. While all students are encouraged to attend Commencement, attendance is not required. Students must contact their CAPS advisor for Commencement participation and eligibility requirements. Students completing a certificate program do not participate in the Commencement ceremony.

There is no fee for participating in Commencement; however, students will have to pay the cost of their regalia (cap and gown). For complete information on Commencement and important updates, visit nova.edu/commencement.

Graduation Requirements

MINIMUM GRADUATION REQUIREMENTS

All degree-seeking students must be matriculated and complete the minimum credits as designated by their chosen major.

The following conditions are also required:

1. Completion of at least 120 credits, including major, minor, general education, specialization, concentration, exams, experiential education (ExEL) and electives coursework, as specified by program requirements.
2. Attainment of a 2.0 cumulative grade point average*.
3. Attainment of a 2.25 grade point average in the major area*.
4. Completion, at NSU, of at least 30 credits (not including CLEP, proficiency examinations, nor prior experiential learning credits).
5. Completion of at least 50 percent of the credits in the major area at NSU (not including CLEP, proficiency examinations, nor prior experiential learning credits). In the nursing programs, students may apply only six credits from another comparable nursing program. (A course must have been taken at an accredited college/school of nursing and be the equivalent of the course offered in the NSU program).
6. For students in the Bachelor of Science in Nursing Program, Bachelor of Science in Respiratory Therapy Program, Bachelor of Science in Medical Sonography, Bachelor of Science in Cardiovascular Sonography, all courses in the program of study required for the degree must earn a grade of C or better; Students in the Medical Sonography Program must achieve the clinical competencies and the minimum number of procedures and types of procedures as established by the program, prior to graduation. Students in the Bachelor of Health Science Program must earn a grade of C or better in all required core courses.

*Degree-seeking students in programs that lead to initial teacher certification in the Abraham S. Fischler College of Education and School of Criminal Justice must attain a 3.0 cumulative grade point average and pass all parts of the Florida Teacher Certification Examination (GKT, Professional Education Test, and Subject Area Examination). Students enrolled in the dual Bachelor of Science in Cardiovascular Sonography/Master of Health Science; and dual Bachelor of Science in Medical Sonography and Master of Health Science must attain a 3.0 cumulative grade point average. Students seeking a Bachelor of Science in Speech-Language and Communication Disorders must attain a 2.50 cumulative grade point and major area average.

Students should closely follow their prescribed four-year plan, in consultation with their academic advisor. Failure to follow the course sequencing outlined could significantly delay degree completion. Students are eligible for graduation when they meet the requirements listed in the NSU Undergraduate Student Catalog and a student's Degree Works records.

Entering first-time-in-college (FTIC), undergraduate students are required to earn six qualified experiential education (ExEL) units and complete a capstone experience for graduation. ExEL-qualified experiences have been reviewed by the Experiential Education and Advisory Council (EELAC) and approved by the Provost to satisfy the Experiential Education graduation requirement.

Please work with your Center for Academic and Professional Success (CAPS) advisor to include curricular and co-curricular experiential education opportunities in your plan of study, such as Faculty-Mentored Research, ExEL Coursework, Travel Exploration, Community Engagement, and Professional Growth.

Please refer to the ExEL section in this catalog and the website at <https://undergrad.nova.edu/experiential-learning/> for further information.

Grievance/Discrimination

TYPES OF GRIEVANCES

Discrimination

Nova Southeastern University is committed to maintaining a safe and healthy educational environment that is free from discrimination, harassment, and misconduct. The university is committed to taking immediate action to eliminate any harassment, prevent its recurrence, and address its effects. Any student or employee found to have engaged in acts of harassment is subject to the relevant university accountability or disciplinary procedures, including potential suspension or expulsion for students, and suspension or termination for employees.

All other reports or inquiries regarding perceived discrimination should be directed to:

Benjamin O. Johnson, Ed.D.
Dean of Students
(954) 262-7281
bj379@nova.edu

Grade/Academic Grievances

Faculty members serve as the initial contacts for all grievances involving the fairness of a grade, or any classroom or instructor activity, in their courses. Students unable to resolve a grade/academic grievance with a faculty member should contact the appropriate department chair or program director in the college responsible for the course, who will make a final decision on the fairness of the grade. Grade/academic grievances will not be permitted to proceed any further unless evidence of discrimination or a violation of rights can be demonstrated.

Grade/academic grievances must be initiated in a timely fashion, no later than the end of the semester following the occurrence of the grievance issue. The student may forfeit all rights under the grievance procedure if each step is not followed within the prescribed time limit.

Administrative Grievances

Administrative grievances are related to academic policies and administrative actions. Grievance procedures must be initiated by submitting a Student Action Request (SAR) no later than 20 days after the end of the semester in which the grievance issue took place. The student may forfeit all rights under the grievance procedure if each step is not followed within the prescribed time limit.

ADMINISTRATIVE GRIEVANCE PROCESS

All administrative grievances must begin at the first level contact. Grievances brought to higher level contacts without previously going through the appropriate administrative grievance procedure will be referred to the appropriate step in the process, thus delaying problem resolution. Students who are not sure of the appropriate university employee to contact about an administrative issue should communicate with their academic advisor.

Student Action Request (SAR)

Student Action Requests (SAR) are used to request exceptions from specific university or college policies under unusual circumstances. Students may officially request a waiver from a published academic policy. However, the SAR must be submitted no later than 20 days after the end of the semester in which the grievance issue took place. Before an SAR is submitted, the student should seek advice from their academic advisor in an effort to resolve their issue of concern and determine if an official SAR is necessary. If an SAR involves changing enrollment status, including dropping or withdrawing courses, the action may affect students' eligibility for financial aid (see "Withdrawal from Classes" section on page 69 of this catalog).

Steps for Submitting Administrative Grievances

Administrative grievances are related to academic policies and administrative actions.

Step One: Meet with the party involved

Students should discuss their grievance with the party involved as soon as possible.

Step Two: Meet with the advisor

Students who feel that their grievance was not satisfactorily resolved after meeting with the party involved should meet with their advisor for guidance in submitting a formal grievance in writing, using a Student Action Request (SAR).

Prior to submitting the request, students should carefully read and be aware of any consequences if the grievance involves changes in enrollment status. It is also essential that students maintain copies of relevant documentation (emails, medical documents, etc.) sent to academic advisors or other NSU personnel.

How to Submit a Student Action Request

The following information must be included in all Student Action Requests. Requests lacking the required information will not be reviewed. Students should consult with their academic advisor before submitting an SAR. The SAR should then be submitted in person to the academic advisor or be sent as a Word document from the student's official NSU email account if they cannot meet in person, no later than 20 days after the end of the semester in which the grievance issue took place.

1. Student Name
2. Student ID number

3. Major/Program/Site Location
4. Day/Evening Phone Number
5. Mailing Address
6. Email Address
7. Problem: Provide an explanation of the problem and include any pertinent documentation as support.
8. Action Requested: Provide an explanation of the requested action. Include the referring page in the current undergraduate student catalog for the policy in question or any other relevant information, including specific courses or terms.
9. Prior Action Taken: Provide a list of all individuals contacted about the problem, including their departments. For more information on submitting an SAR, students can visit nova.edu/undergraduatestudies/sar.html.

After receiving, reviewing, and signing the SAR, the advisor will send it to the appropriate party for a decision.

Step Three: Review and Decision

Enrollment Management and Student Affairs receives the SAR from advising, reviews all materials provided with the request, requests relevant information and recommendations from the appropriate academic colleges, and reaches a decision based upon all available information. Once a decision has been made, the decision will be communicated to the student to the address on record and/or to the NSU email address.

Step Four: Appeal

Students who wish to appeal a denied SAR may submit an appeal, in writing, to the Vice President of Student Affairs or designee, with any new information and/or documentation. Students will receive a formal response either by mail to the address on record and/or to their NSU email account. This decision is final and binding and cannot be appealed further.

Image Use Statement

As part of the Student Enrollment Agreement (SEA), which students are required to read and accept with their first registration each year, students consent to the following Image Use Statement:

I permit and authorize Nova Southeastern University (NSU) and its employees, agents, representatives, contractors, and personnel who are acting on behalf of NSU to take and/or obtain my photograph, name, alias, video and/or audio recording, or other likeness of myself, or any combination thereof, at any public NSU-related events or at any public areas on NSU's property (hereinafter "my likeness"). I further grant NSU permission to utilize my likeness for commercial purposes, including publicity, marketing, and promotion for NSU and its programs, without compensation to me, to the extent permissible under the Family Educational Rights and Privacy Act (FERPA). I understand and consent to NSU copying, reproducing, and distributing my likeness in any media format. I further understand that my likeness may be subject to reasonable modification and/or editing and waive any right to inspect or approve the finished product or material in which NSU may eventually use my likeness. I acknowledge that NSU owns all rights to my likeness and understand that, although NSU will endeavor to use my likeness in accordance with standards of good judgment, NSU cannot warrant or guarantee that any further dissemination of my likeness will be subject to NSU's supervision or control. Accordingly, I release NSU from any and all liability related to the use, dissemination, reproduction, distribution, and/or display of my likeness in any media format, and any alteration, distortion, or illusionary effect of my likeness, whether intentional or otherwise, in connection with said use. I also understand that I may not withdraw my permission for use of my likeness which was granted.

Online Course Access and SharkLink

DISTANCE EDUCATION SUPPORT

All NSU students are provided with NSU computer accounts including email. Students, however, must obtain their own Internet Service Providers (ISP) and use their own computer systems (PC or Apple Macintosh and an Internet connection). New students receive an orientation and extensive online technical support online access, online tools and methods, and library resources.

Online interactive learning methods involve web-based course materials, the electronic library, and online activities that facilitate frequent student-professor interaction. Faculty members and students interact via online forums using threaded discussion boards, chat rooms, and email. Students submit assignments through a web-based learning environment.

Online students have access to books, journal articles, microfiche, dissertations, index searches, catalog searches, and reference librarians. The online medical database collection at NSU is extensive and includes access to quality subscription services free of charge to the student.

SHARKLINK

SharkLink is NSU's online information portal which provides students access to their NSU email account, online courses, announcements, student records, and NSU applications. SharkLink also enables students to register online, view course availability, check their grades, accept their financial aid award, and more. All students are assigned a SharkLink ID, which is also their NSU email username, that uniquely identifies them and provides them access to the NSU administrative system. SharkLink can be accessed at <https://sharklinkportal.nova.edu>.

Online Course Access

The university uses a secure course management platform for developing and delivering interactive courses and their components over the Web. Students are granted access to this platform based on registration. Students must use their SharkLink login and password in order to access their online courses. All online students must use this platform when communicating with their program. Course communication will be done through the particular course that the student is attending. Online courses can be accessed on Canvas.

NSU Email

All official NSU business, such as information on accounts, financial aid, class emails, etc., is conducted through students' NSU email accounts. Students can access NSU email by logging into the *SharkLink* portal. Students' SharkLink ID serves as their NSU email username.

Registration

As part of the registration process, all students must complete the Nova Southeastern University Student Enrollment Agreement (SEA) each year or risk being dropped from their courses. Information on the SEA and a copy of the verbiage in the SEA can be viewed at <https://nova.edu/registrar/services/sea.html>. A registration hold on a student's account does not prevent the student from completing the SEA. Students are encouraged to register online via SharkLink. Students who do not know their SharkLink username ID and password should visit nova.edu/resources/nsuidentity.html.

For students to attend class and receive academic credit and grades, they must have at least provisional admission status, be officially registered in the student information system, and pay tuition and fees. Students should register via SharkLink for the fall, winter, and summer semester during the open registration period, and take advantage of the university's online degree-evaluation system Degree Works for guidance (see "Degree Works" on page 69 for more details). Students should register for all courses they intend to complete within a semester and not wait until the semester has started to register for part of a term. Petitions for changes to course registrations will only be accepted up to 20 days after each semester ends. Registering early for the entire semester ensures availability of seats in required classes and allows the NSU Office of Financial Aid to properly process and disburse the student's financial aid. An official grade will not be recorded, and credit will not be given for anyone who attends class as an unregistered student.

The following holds will prevent students from registering:

New student hold—New students must meet with their academic advisor before registering, with the exception of nursing students who must register through their advisors.

Other holds—Other holds, such as a bursar or academic hold, may prevent students from registering. Students must contact the respective hold originator to resolve the hold before registering in SharkLink. For more information on holds, visit nova.edu/bursar/payment/holds.html.

Please note that late registration will not be accepted if a financial hold was not cleared prior to the close of the registration period. For instructions on how to register, visit the Office of the University Registrar online at nova.edu/registrar/services/registration.html.

ROSTER RECONCILIATION

Students are required to attend the first class of each course in order to start academic work for the semester, unless they have obtained prior approval for an absence from the instructor. Without such approval, a student will be reported as not in attendance, which may result in the student being dropped from the class through the university's roster reconciliation process. However, it remains the student's responsibility to monitor class registration status in accordance with the Student Enrollment Agreement (SEA), regardless of the instructor's roster reconciliation submission.

STUDENT CONTACT AND PERSONAL INFORMATION

Students must keep their contact information current in SharkLink at <https://sharklinkportal.nova.edu> at all times, including preferred and permanent mailing addresses and phone numbers, to ensure that they can be contacted in an emergency, receive financial aid refunds, and any important information sent by postal mail. Students may update their address in *SharkLink*.

To make a change to other personal information, Nova Southeastern University requires official documentation. Students must submit a completed Data Change Request available at nova.edu/registrar/forms1.html along with supporting legal documentation. For details on acceptable documentation for each change, visit the Registrar's website at nova.edu/registrar/services.html.

DEGREE WORKS

NSU's online degree evaluation tool, Degree Works, allows students to compare their completed coursework against the degree/certificate requirements published in the Undergraduate Student Catalog for the year in which they matriculated. This useful reference tool helps students track their progress toward degree/certificate completion and is available through *SharkLink* (Course Registration Capsule).

Degree Works helps students keep track of their completed coursework by applying it to each specific requirement (e.g. major, concentration and minor requirements). For information on Degree Works, visit the registrar's website at nova.edu/registrar/degreeworks.html.

ENROLLMENT REQUIREMENTS FOR FINANCIAL AID ELIGIBILITY

In order for students to receive any federal Title IV or state financial aid (grants, scholarships, student employment, and loans), they must be enrolled in a minimum number of courses that are required for degree/certificate completion (degree-applicable). Students may only receive financial aid for courses that are required for degree/certificate completion. Financial aid funds will only be disbursed to students who meet the minimum enrollment requirements for financial aid eligibility with degree-applicable courses. A student may maintain maximum financial aid eligibility while enrolled in not degree-applicable courses if the student meets the enrollment requirements for each respective Title IV program with degree-applicable courses. For instance, in order to be eligible for federal loans, a student must be enrolled at least half time. Since half-time enrollment is defined as 6 credits per semester/term for undergraduate students, students must be enrolled in at least 6 degree-applicable credits to be eligible for federal loans. If a student enrolls in one 3-credit course that is degree-applicable and one 3-credit course that is not degree-applicable, the student will not be eligible for federal loans, even though the student is enrolled half time.

More information about financial aid eligibility and degree applicable courses is available at nova.edu/registrar/degreeworks.html.

AUDITING A COURSE

An audit is a registration status that allows students to attend a course without receiving academic credit. Prior to auditing a course, a student must submit a completed Course Audit Request Form to seek written approval from the instructor and the Department Chair/Director. Upon completion of the audited course, an "AU" grade will be posted. The "AU" grade cannot be changed to a letter grade, nor will it affect a student's GPA. For detailed information, visit nova.edu/registrar/policies/course-audit-policy.html.

CLOSED CLASSES

Enrollment capacity for each class is carefully determined to reflect the physical limitations of the classroom or lab as well as the subject's most effective learning and teaching environment. Once a class has been filled and closed to further registration, students should meet with their Career and Academic Success Coach for help adjusting schedules and choosing alternative classes that meet degree program requirements. Some classes may allow students to add themselves to a wait list. A wait list is an electronic list of students who are waiting to register for a full class. If available, students may sign up for this when they attempt to register for a section that has reached its capacity. If a seat opens, the student will receive notification through NSU email and has 24 hours to claim the seat before it is offered to the next student on the waiting list. A student on the wait list is not officially enrolled in that course and is not eligible to receive a grade in that course.

Students may appeal to register for closed classes under exceptional circumstances. Before submitting an appeal, students must ensure there are no other options available at the time of submission. Student appeals must be made in writing by the student's Career and Academic Success Coach to the chair of the department in which the course is offered. **Appeals should not be directed to course instructors.** Department chairs or program directors review appeals and may consult instructors when considering such requests. All appeals must explain why no alternative class will support the student's degree requirements, explain why the student was unable to register for the class when space was available, and include a written endorsement from a Career and Academic Success Coach (e.g., by email).

Appeals will only be considered up to the date of the first-class meeting. If a student appeal is granted, the department chair will authorize the student's Career and Academic Success Coach in writing (e.g., by email) to register the student. However, the registration must be processed within 24 hours of the department chair's notification. If the registration is not processed within that period, the authorization is removed.

DROPPING AND ADDING CLASSES

During the drop and add periods (the first week of the semester/term), students may modify their schedules by changing classes without any further academic implications. However, even during the drop and add period, dropping a class may result in a tuition charge, affect fees, or impact a student's financial aid. Students may drop/withdraw from a class after the drop period has ended (see "Academic Calendars" section for deadlines). In extenuating circumstances, requests for changes to course registrations will be considered up to 20 days after each semester ends. Dropping a course may result in a refund for tuition paid and will not negatively affect the GPA. However, students need to be cautious because dropping classes may affect the student's enrollment status, eligibility for financial aid, and loan deferment. If a student drops below half-time or full-time status (whichever was the basis for financial aid awarded), the student may become ineligible for grant aid, loans, and scholarships that were awarded prior to the drop. This may cause a reduction in certain types of financial aid and, consequently, may result in a higher balance due. For students completing a Bachelor of Science degree in Nursing, the number of credits constituting half-time or full-time enrollment may vary. All other students are considered half-time at 6–8 credits, three-quarter time at 9–11 credits, and full-time at 12 credits or above. Students receiving financial aid are strongly encouraged to consult a financial aid counselor before dropping or withdrawing from classes to ensure compliance with federal and state standards of Satisfactory Academic Progress (SAP). Student athletes should also contact the athletic compliance officer before dropping or withdrawing from class. For refund policies related to courses dropped, refer to the "Tuition and Fees" section on page 75 of this catalog.

Students are directed to make their course selection based on their program curriculum requirements and scheduling needs, not based on the instructor. Course instructors may change without notice before or during the semester. In such instances, student petitions based on instructor preference will not be granted.

The university reserves the right to cancel student enrollment for non-payment.

Drop and Add Periods

The first week of each semester comprises the drop and add period (for most programs). The drop and add period is the designated time frame for students to make revisions to their schedules. It is the only time students may add courses to the schedule once the semester has started. Students who add classes after the start date of the class are responsible for all course requirements.

The second and third weeks of each semester are drop periods. Dropped courses are removed from the student's class schedule and will not appear on transcripts. A percentage of the student's tuition will be reversed as applicable. Only subsequent term (Term II) classes may be added during these weeks. See "Academic Calendars" section on page 22 of this catalog for deadlines.

The withdrawal period starts with the fourth week of each semester and ends three weeks prior to the end of the semester. Students who intend to withdraw from all courses for a semester are encouraged to meet with their Career and Academic Success Coach and

must submit a Student Transaction Form for the withdrawal to be processed.

Dropping a course may affect student loans, scholarships, or grant aid that has been awarded prior to the drop. A student may have tuition refunded when dropping a course; however, this may cause a reduction in certain types of financial aid, which can result in a balance due.

Sequential Programs

The Bachelor of Science—Cardiovascular Sonography Program, Bachelor of Science—Medical Sonography Program, Bachelor of Science in Respiratory Therapy—First-Professional Program, and Bachelor of Science in Nursing—Entry Level Track Program are sequential programs with lockstep coursework.

Students in the B.S.—Cardiovascular Sonography, B.S.—Medical Sonography, and B.S.R.T.—First Professional Programs are not allowed to drop individual classes because the curriculum must be taken concurrently and in a specific sequence, according to the program requirements. Students enter the program, take the common set of courses in sequence, and graduate together. If a student fails a core sonography or respiratory therapy course, they may be dismissed from the program. Students will not be allowed to begin their clinical training unless all sonography or respiratory therapy core courses are passed with a C or better. Students who experience extenuating circumstances may request a Leave of Absence (refer to “Withdrawal from the University and Leaves of Absence” section on page 69 of this catalog).

Bachelor of Science in Nursing Programs

Students completing a Bachelor of Science degree in Nursing may drop a course in the first week of class without financial penalties. Students who would like to drop a nursing course must make an appointment to see the program director prior to processing the drop. The program director can answer specific questions about tuition refunds and policy guidelines. However, students are expected to meet with financial aid prior to a withdraw.

Withdrawal from Classes

Students may withdraw from a class after the drop period has ended up to three weeks prior to the end of the semester. Please refer to “Academic Calendars” on page 22 of this catalog for specific dates. Withdrawn courses will remain on student transcripts with a grade of W but will not affect the student’s GPA. For information about the drop period, see “Dropping and Adding Classes” on page 68. For the tuition refund schedule during the drop period, refer to “Tuition and Fees” on page 75 of this catalog. Before withdrawing from classes, students are advised to consult with their Career and Academic Success Coach to discuss academic standing implications. Financial aid recipients are strongly encouraged to also speak with a financial aid counselor to avoid unwelcome consequences, such as loss of financial aid eligibility or reversal or reduction of funds received. International students must be mindful that the change in enrollment status may affect their immigration status and eligibility for student visas.

There is no financial refund if a student withdraws from a course. Not attending classes does not constitute official withdrawal. A student who stops attending classes will receive grades based on course requirements and work completed.

Students of the Dr. Pallavi Patel College of Health Care Sciences and Ron and Kathy Assaf College of Nursing **must** also refer to their respective college’s student handbooks for detailed procedures about class withdrawal as they may vary for each academic degree program.

- Dr. Pallavi Patel College of Health Care Sciences Student Handbook: https://www.nova.edu/publications/chcs/chcs_student_handbook/
- Ron and Kathy Assaf College of Nursing Student Handbook: <https://nova.edu/publications/nursing/student-handbook/>

Withdrawal from the University and Leaves of Absence

Students who plan to withdraw from all courses during a semester and leave the university must contact their academic advisor before withdrawing. Students who withdraw from the university must formally apply to be considered for readmission at a later date.

CONTINUOUS ENROLLMENT AND WITHDRAWAL FROM THE

BACHELOR OF HEALTH SCIENCE (B.H.Sc.) AND BACHELOR OF SCIENCE IN RESPIRATORY THERAPY (B.S.R.T.) POST-PROFESSIONAL (ONLINE) PROGRAM

Although continuous enrollment is not a requirement, both programs strongly recommend students to enroll in at least two courses per semester, for the duration of their studies. Unless prior approval or a leave of absence has been granted, students who do not enroll in any classes for two consecutive semesters may be administratively withdrawn from the B.H.Sc. and B.S.R.T. online programs. If a student is administratively withdrawn from one of these programs, they would be required to petition the department chair in writing for reinstatement in the program.

LEAVES OF ABSENCE

A leave of absence (LOA) is a university-approved temporary period of time during which the student is not in attendance but is not considered withdrawn from the university. Students who experience extenuating and unavoidable circumstances that prevent them from maintaining an active status through continuous enrollment must consult with their advisor/program office or the office of the dean of students to determine whether their circumstances warrant an LOA request and to discuss the impacts of an approved LOA on their degree/program completion, academic standing, and course grades. An LOA request must be submitted at least 14 days prior to the beginning of the semester/term for the leave. An approved LOA may be granted for up to 180 days within a 12-month period. For more details, including the Leave of Absence Request Form, visit the Office of the University Registrar's website at nova.edu/registrar/forms1.html.

Student-Athlete Eligibility

To retain student-athlete eligibility, student-athletes must meet institutional, National Collegiate Athletic Association (NCAA) and Sunshine State Conference standards. For further information, student-athletes should refer to the Student-Athlete Handbook.

Student Conduct—Academic Integrity

Students should refer to the full Code of Student Conduct and Academic Responsibility in the *NSU Student Handbook* (nova.edu/student-handbook). Conduct standards, supplementary standards, and university policies and procedures are handled by NSU's Office of the Vice President of Student Affairs or by the individual colleges as deemed appropriate.

Nova Southeastern University has established clear expectations regarding student conduct and academic responsibility. When these standards are violated, significant disciplinary action can be expected, including expulsion from the university. Students are expected to abide by all university, college, and program rules and regulations as well as all federal, state, and local laws. Students are also expected to comply with the legal and ethical standards of their chosen fields of study. Violations of academic standards are handled by the Office of the Dean in individual colleges and schools.

ACADEMIC INTEGRITY IN THE CLASSROOM

The university is an academic community and expects its students to manifest a commitment to academic integrity through rigid observance of standards for academic honesty.

Academic Standards

Excerpt from the *NSU Student Handbook* (nova.edu/student-handbook).

The university is an academic community and expects its students to manifest a commitment to academic integrity through rigid observance of standards for academic honesty. The university can function properly only when its members adhere to clearly established goals and values. Accordingly, the academic standards are designed to ensure that the principles of academic honesty are upheld.

The following acts violate the academic honesty standards:

1. **Cheating:** intentionally using or attempting to use unauthorized materials, information, or study aids in any academic

exercise

2. **Fabrication:** intentional and unauthorized falsification or invention of any information or citation in an academic exercise
3. **Facilitating Academic Dishonesty:** intentionally or knowingly helping or attempting to help another to violate any provision of this code
4. **Plagiarism:** the adoption or reproduction of ideas, words, or statements of another person as one's own without proper acknowledgment

Students are expected to submit tests and assignments that they have completed without aid or assistance from other sources. Using sources to provide information without giving credit to the original source is dishonest. Students should avoid any impropriety or the appearance thereof in taking examinations or completing work in pursuance of their educational goals.

Students are expected to comply with the following academic standards:

1. Original Work:

Assignments such as course preparations, exams, texts, projects, term papers, practicum, etc., must be the original work of the student. Original work may include the thoughts and words of another author. Entire thoughts or words of another author should be identified using quotation marks. At all times, students are expected to comply with the university and/or academic program's recognized form and style manual and accepted citation practice and policy.

Work is not original when it has been submitted previously by the author or by anyone else for academic credit. Work is not original when it has been copied or partially copied from any other source, including another student, unless such copying is acknowledged by the person submitting the work for the credit at the time the work is being submitted, or unless copying, sharing, or joint authorship is an express part of the assignment. Exams and tests are original work when no unauthorized aid is given, received, or used before or during the course of the examination, re-examination, and/or remediation. Students' use of generative artificial intelligence (e.g., ChatGPT, Google Bard, Dall-E, Midjourney, etc.) or similar resources on any coursework or academic assessments without the prior permission of their faculty member, or the use these resources in any way that violates the academic standards of NSU and/or a student's academic program, is expressly prohibited.

2. Referencing the Works of Another Author:

All academic work submitted for credit or as partial fulfillment of course requirements must adhere to each academic program's specific accepted reference manuals and rules of documentation. Standards of scholarship require that the writer give proper acknowledgment when the thoughts and words of another author are used. Students must acquire a style manual approved by their program and become familiar with accepted scholarly and editorial practice. Students' work must comport with the adopted citation manual.

At Nova Southeastern University, it is plagiarism to represent another person's work, words, or ideas as one's own without use of a center-recognized method of citation. Deviating from program standards (see above) are considered plagiarism at Nova Southeastern University.

3. Tendering of Information:

All academic work must be the original work of the student. Knowingly giving or allowing one's work to be copied, giving out exam questions or answers, or releasing or selling term papers is prohibited. This includes the posting of course content, exam questions and/or answers, or other work submitted for academic credit to online sources or otherwise making such materials publicly available without the prior consent of appropriate faculty members and/or their academic program.

4. Acts Prohibited:

Students should avoid any impropriety or the appearance thereof, in taking examinations or completing work in pursuance of their educational goals. Violations of academic responsibility include, but are not limited to the following:

- Plagiarism
- Any form of cheating
- Conspiracy to commit academic dishonesty
- Misrepresentation
- Bribery in an attempt to gain an academic advantage
- Forging or altering documents or credentials
- Knowingly furnishing false information to the institution

Students in violation will be subject to disciplinary action.

Academic Misconduct Reporting and Determination(s)

Faculty members are committed to uphold the standards of academic integrity and do their utmost to prevent academic misconduct by being alert to its possibility. Faculty members are responsible for assessing classroom conduct including academic misconduct. If potential academic misconduct is detected, the faculty member communicates with the student to assess the incident. Faculty members are required to report any incident that is determined to constitute academic misconduct to their college administration. If the college administration agrees that the incident constitutes academic misconduct, the incident is reported to the Enrollment Management and Student Affairs. The report is reviewed by the Enrollment Management and Student Affairs for institutional sanction(s) which is distinct from a grading consequence administered by the faculty member.

The student has the right to continue in the affected course(s) during the entirety of the academic misconduct process. However, once the student receives the notification that the instructor has determined that the incident **does** constitute academic misconduct, the student is not permitted to withdraw or drop the course to prevent a grade penalty.

Academic Misconduct Sanction(s)

1. Institutional Sanction(s):

Depending on the nature, severity and/or reoccurrence of academic misconduct, the institutional sanctions assigned by Enrollment Management and Student Affairs may include, but are not limited to, an academic misconduct warning, academic misconduct suspension, or academic misconduct dismissal. If a student receives a sanction of a suspension or a dismissal, a notation is placed on the student's academic transcript.

A first report typically results in a letter of warning, while serious infractions can result in institutional sanctions including suspension and/or dismissal. A subsequent report of academic misconduct will likely result in a more serious institutional sanction, such as suspension or dismissal. All incidents of misconduct retained on record will be disclosed to outside agencies and graduate/professional programs as required.

Once an institutional sanction is assigned, Enrollment Management and Student Affairs will send the student correspondence notifying the student of their academic college's determination of academic misconduct and the Enrollment Management and Student Affairs assigned sanction. Enrollment Management and Student Affairs will also provide the student with information regarding their ability to appeal the determination and/or sanction.

2. Additional Program, Major or College Sanctions:

Certain programs, majors, and colleges within the university reserve the right to follow a different process and/or apply a more severe sanction, which may result in immediate suspension or dismissal from that major, college, or program. A report of academic misconduct for a student in the Farquhar Honors College or the Dual Admission Program requires a review meeting to determine whether the student's status in that program should be terminated. Both programs have requirements of the highest standard of conduct.

Please refer to the Dr. Pallavi Patel College of Health Care Sciences and Ron and Kathy Assaf College of Nursing handbooks below for additional information regarding this process in related programs.

- Dr. Pallavi Patel College of Health Care Sciences Student Handbook: https://www.nova.edu/publications/chcs/chcs_student_handbook/
- Ron and Kathy Assaf College of Nursing Student Handbook: <https://nova.edu/publications/nursing/student-handbook/>

3. Grading Decisions:

Instances of academic misconduct will likely affect the student's grade in the respective course. Any grading decisions related to academic misconduct are within the discretion of the course instructor. Students may appeal a classroom grade consequence of academic misconduct through the instructor and the academic department chair/director. Any grade imposed as the result of academic misconduct will remain on the student's transcript indefinitely and will not be subject to course drop or withdrawal.

Academic Misconduct Appeal(s)

1. Appeal of an Academic Misconduct Determination

A student may appeal a determination of academic misconduct, in writing, within five (5) business days after notification from Enrollment Management and Student Affairs. An appeal of the academic misconduct determination must only address whether academic misconduct took place, not the assigned sanction, and must fall into one of the following:

- The student has new evidence or information that was not previously available.
- Proper procedure was not followed.
- The severity of the sanction does not relate appropriately to the violation.

The appeal of the academic misconduct determination must be submitted to the Office of Student Conduct and Mental Health Services, who will forward the appeal to the student's academic college. The academic college will review and/or hear the appeal pursuant to the academic college's specific policies and procedures. Please refer to the college-specific procedures for the applicable policies and procedures. The decision from the academic college related to the determination of misconduct is final.

2. Appeal of an Academic Misconduct Sanction

A student may appeal an academic misconduct sanction of suspension or dismissal, in writing, within ten (10) business days after notification from the Enrollment Management and Student Affairs. The only recognized grounds for an appeal of a sanction are:

- The student has new evidence or information that was not previously available.
- Proper procedure was not followed.
- The severity of the sanction does not relate appropriately to the violation.

The appeal of the academic misconduct sanction must be submitted to the College of Undergraduate Studies, who will convene an Academic Integrity Committee (AIC) comprised of no fewer than two faculty members and one student. The AIC will not review appeals regarding academic misconduct determinations, nor will the AIC review instructor grading or evaluation of coursework.

Following review of the appeal, the AIC decides whether a revision of sanction is warranted. The decision from the AIC related to the sanction is final.

Petition(s) for Permission to Enroll After Academic Misconduct Sanction(s)

1. Petition for permission to enroll after academic misconduct suspension

Students who are suspended for academic misconduct may petition to re-enroll at NSU once they have served their sanctions, by submitting a request through their academic advisor to Enrollment Management and Student Affairs. No coursework completed at another institution during the period of suspension will be considered applicable to an NSU degree program.

If students have not registered for coursework at NSU for more than one year, they must reapply for admission and their major program's required curriculum will be re-evaluated according to the most current NSU Undergraduate Student Catalog.

2. Petition for permission to enroll after academic misconduct dismissal

Students who are dismissed for academic misconduct may petition to re-enroll at NSU only after two or more years have elapsed following dismissal. This request must be submitted to Enrollment Management and Student Affairs where the final decision will be made by the Vice President of Student Affairs or designee. No coursework completed at another institution during the period of dismissal will be considered applicable to an NSU degree program.

If students have not registered for coursework at NSU for more than one year, they must reapply for admission and their major program's required curriculum will be re-evaluated according to the most current *NSU Undergraduate Student Catalog*.

Student Health Insurance Requirement

NSU requires all students to carry adequate health insurance coverage. Therefore, all NSU students will automatically be enrolled in the NSU Student Health Insurance Plan, and their student accounts will be charged when they register for classes. Students who reside and take classes outside of the United States are exempt from this requirement. Students who already have health insurance must opt out of the NSU Student Health Insurance Plan each academic year by the given waiver deadline for their program. For detailed information, including waiver deadlines, access to the online waiver, NSU Student Health Insurance Plan features, costs, and more, students should visit the Bursar's website at nova.edu/studentinsurance.

Tuition and Fees

NSU offers to all students—on campus, online, clinical, or hybrid—the same quality education and many opportunities for student benefits depending on the student’s choice of educational modality selected. Therefore, the University sets the overall student fees on an aggregate, student-centric basis for the entire student body. The overall costs exceed the amount collected from student fees charged to all students.

These student fees are blended together to create 1NSU with high-tech systems, student activities, and many other essential student services that make a complete, integrated University. This mission transcends the development and ultimate determination of the amount of student fees for all students, irrespective of their choice of learning modality.

Payment for tuition and fees is due August 1 for the fall semester and December 1 for the winter semester respectively. Undergraduate students who do not have their payment or payment arrangements finalized by the first day of the semester will have their class registration canceled at the end of that day. For students of the Dr. Pallavi Patel College of Health Care Sciences and Ron and Kathy Assaf College of Nursing, please also see next tables for more details about tuition and fees for your respective colleges.

Tuition and Fee Chart 2024–2025

| Tuition and Fees | 2024–2025 Rates |
|---|--|
| Application Fee | \$50 |
| Late Tuition Payment Fee (per semester) | \$100 |
| Student Health Insurance Fee** | \$2,520 (Full Year) |
| Student Services Fee (per semester): | |
| 1–3 credits | \$300 |
| 4 or more credits | \$600 |
| Traditional Day Programs Tuition: | |
| per semester, 12–18 credits | \$18,750 |
| per credit, under 12 credits | \$1,250 |
| per credit, over 18 credits | \$1,250 |
| per credit, ArmyIgnited | \$871 |
| Laboratory Fee | ranging from \$20 – \$150 |
| Transcript Fee | \$17 (electronic transcript) \$19.50 (printed transcript delivered by U.S. postal mail within the U.S.) |
| Regalia (Cap and Gown) Fee | Assessed when regalia are ordered. |

*The total annual fee of \$2,520 is based on a traditional enrollment pattern covering fall, winter, and summer terms. Students who begin their first enrollment in the summer should refer to the Student Health Insurance website at nova.edu/bursar/health-insurance/mandatory-programs.html for information on fees.

In addition to the tuition and fees listed above, please visit Undergraduate Tuition and Fees webpage at <https://undergrad.nova.edu/funding/tuition-fees.html> for a Cost of Attendance breakdown as well as the Office of Residential Life and Housing website at nova.edu/housing to learn more about any applicable housing rates and meal plans.

Tuition and Fee Chart 2024–2025: Bachelor of Health Science (B.H.Sc.) and Bachelor of Science (B.S.)

| Fee Description | Bachelor of Health Science— Online Program | Bachelor of Science— Cardiovascular Sonography and Medical Sonography Programs |
|---|--|--|
| Application Fee | \$50 | \$50 |
| Acceptance Fee (payable within two weeks of an applicant's acceptance) | N/A | \$500 |
| Deposit (Due within four weeks of an applicant's acceptance) | N/A | \$250 |
| Health Professions Division Access Fee | N/A | \$145 |
| Preregistration Fee (due within six weeks of an applicant's acceptance) | N/A | \$250 |
| Late Tuition Payment Fee (per semester) | \$100 | \$100 |
| Student Services Fee (per year) | \$1,800 | |
| Student Health Insurance Fee** | N/A | \$3,155 (Full Year)* |
| Program Tuition (per year): | N/A | \$23,580 |
| Dual B.S./M.H.Sc. Option | N/A | \$29,476 |
| Program Tuition (per credit) | \$415 | N/A |
| Laboratory Fee (per semester) | N/A | N/A |
| Materials Fee | Variable where applicable | |
| SPI National Exam Fee (posted in winter or summer term) | N/A | \$200** |
| I.D. Replacement Fee | \$25 | \$25 |
| Diploma Replacement Fee | \$50 | \$50 |
| Official Transcripts | \$17 (electronic transcript) \$19.50 (printed transcript delivered by U.S. postal mail within the U.S.) | \$17 (electronic transcript) \$19.50 (printed transcript delivered by U.S. postal mail within the U.S.) |
| Regalia (Cap and Gown) Fee | Assessed when regalia are ordered. | |
| Additional Fee if NSU needs to provide clinical placement for the student | N/A | |

* The total annual fee of \$3,155 is based on a 15-month plan. Students who begin their first enrollment in the summer should refer to the Student Health Insurance website at nova.edu/bursar/health-insurance/mandatory-programs.html for information on fees.

In addition to the tuition and fees listed above, please visit Undergraduate Tuition and Fees webpage at <https://undergrad.nova.edu/funding/tuition-fees.html> for a Cost of Attendance breakdown as well as the the Office of Residential Life and Housing website at nova.edu/housing to learn more about any applicable housing rates and meal plans.

**ONLY for B.S.—Cardiovascular Sonography

Tuition and Fee Chart 2024–2025: Bachelor of Science in Respiratory Therapy (B.S.R.T.)

| Fee Description | Bachelor of Science in Respiratory Therapy— Post-Professional Program | Bachelor of Science in Respiratory Therapy— First Professional Program |
|--|--|--|
| Application Fee | \$50 | \$50 |
| Acceptance Fee | N/A | \$200* |
| Late Tuition Payment Fee (per semester) | \$100 | \$100 |
| Student Services Fee (per year) | \$1,800 | |
| Student Health Insurance Fee** | N/A | \$3,155 (Full Year) |
| Program Tuition (per year): | N/A | \$28,690 |
| Program Tuition (per credit) | \$478 | N/A |
| Laboratory Fee (per semester) | N/A | |
| Materials Fee | Variable where applicable | |
| SPI National Exam Fee (posted in winter or summer term) | N/A | |
| I.D. Replacement Fee | \$25 | \$25 |
| Diploma Replacement Fee | \$50 | \$50 |
| Official Transcripts | \$17 (electronic transcript) \$19.50 (printed transcript delivered by U.S. postal mail within the U.S.) | \$17 (electronic transcript) \$19.50 (printed transcript delivered by U.S. postal mail within the U.S.) |
| Regalia (Cap and Gown) Fee | Assessed when regalia are ordered. | |

* This fee is required to reserve the accepted applicant's place in the entering first year class, but is non-refundable in the event of a withdrawal. It is payable within two weeks of an applicant's acceptance.

**The total annual fee of \$3,155 is based on a 15-month plan. Students who begin their first enrollment in the summer should refer to the Student Health Insurance website at nova.edu/bursar/health-insurance/mandatory-programs.html for information on fees.

In addition to the tuition and fees listed above, please visit Health Care Sciences Tuition and Fees webpage at healthsciences.nova.edu/admissions/tuition-fees.html for a Cost of Attendance breakdown as well as the Housing website at nova.edu/housing to learn more about any applicable housing rates and meal plans.

Tuition and Fee Chart 2024–2025

| Fee Description | Entry B.S.N. Program | Accelerated B.S.N. program |
|--|--|--|
| Application Fee | \$50 | \$50 |
| Acceptance Fee | N/A | N/A |
| Deposit: Entry Level Nursing | \$200 | \$200 |
| Nursing General Access Fee | \$145 | \$145 |
| Late Tuition Payment Fee: Per Semester | \$100 | \$100 |
| Student Services Fee (per semester) | \$300 (1–3 credits) \$600 (4 or more credits) | |
| Student Health Insurance Fee: Per Year | \$3,155* | |
| Program Tuition (per year): | \$37,500 | \$19,749 |
| B.S.N. National Assessment Testing: Per Semester | \$345 | \$345 |
| Nursing Lab Fee: First Semester | \$150 | \$150 |
| Technology Fee: Fall and Winter Term | \$125 | \$125 |
| Materials Fee | Variable where applicable | |
| I.D. Replacement Fee | \$25 | \$25 |
| Diploma Replacement Fee | \$50 | \$50 |
| Official Transcripts | \$17 (electronic transcript) \$19.50 (printed transcript delivered by U.S. postal mail within the U.S.) | \$17 (electronic transcript) \$19.50 (printed transcript delivered by U.S. postal mail within the U.S.) |
| Regalia (Cap and Gown) Fee | Assessed when regalia are ordered. | |

*The total annual fee of \$3,155 is based on a 15-month plan. Students who begin their first enrollment in the summer should refer to the Student Health Insurance website at nova.edu/bursar/health-insurance/mandatory-programs.html for information on fees.

In addition to the tuition and fees listed above, please visit the College of Nursing Tuition and Fees webpage at <https://undergrad.nova.edu/funding/tuition-fees.html> for a Cost of Attendance breakdown as well the the Office of Residential Life and Housing website at nova.edu/housing to learn more about any applicable housing rates and meal plans.

Explanation of Tuition Rates

Traditional Day Program Tuition

Tuition and fee charges are automatically calculated when students register for classes. Payment for tuition and fees is due August 1 for the fall semester and December 1 for the winter semester respectively. Undergraduate students who do not have their payment or payment arrangements finalized by the first day of the semester will have their class registration canceled at the end of that day. Certain exceptions apply. (See “Consequences for Nonpayment” section on page 80 of this catalog). Detailed payment instructions and additional information on payment options is available on the Bursar’s website at nova.edu/bursar.

All students enrolling in 12–18 credit hours per semester pay flat-rate tuition in the fall and winter semesters based on total attempted credits. Students will not be charged additional tuition for adding classes as long as they do not go above the 18-credit hour limit. Students seeking to register for course loads above 18 credits must request permission from their CAPS advisor. Any student wishing to take in excess of 18 credits per semester is responsible to pay the flat rate (\$18,750) plus \$1,250 for each additional credit taken. Credits from which a student withdraws (no partial or full refund given) are counted as attempted credits. Credits that are dropped during the first week of class do not count as attempted credits for tuition purposes. Students enrolled in 1–11 credits will be charged per credit based on total attempted credits. Students who initially register for 1–11 credits, then add credits that increase their course load to 12–18 credits, will be charged the full flat-rate tuition. Students who officially drop courses and fall below 12 credits will have their tuition recalculated on a per-credit basis. Tuition for the Traditional Day Program during summer terms is charged per credit regardless of the number of enrolled credits. Additional rate information can be found on “Tuition and Fees” section on page 75 of this catalog.

Minimum Enrollment Requirements

Extreme care and consideration should be taken when deciding to enroll in fewer than 12 credits per semester. Enrolling in fewer than 12 credit hours may reduce or eliminate scholarships and institutional, federal, or other financial aid. A student enrolling in fewer than 12 credit hours (or dropping courses that results in fewer than 12 credits) is encouraged to speak with a financial aid counselor about the potential negative impact this decision may have on financial aid.

Course Remediation Cost—Dr. Pallavi Patel College of Health Care Sciences and Ron and Kathy Assaf College of Nursing

The cost of repeating a course in the Health Professions Division is not covered in the regular tuition. Students who are required to repeat a course will be charged the prevailing, per semester hour-rate at the time the course is being repeated.

Payment

PAYMENT POLICY

By registering for courses at Nova Southeastern University, the student accepts financial responsibility for payment. The student is responsible for the full balance on the account plus any additional costs which may be incurred by the university in the collection of these debts. Payment for tuition and fees is due August 1 for the fall semester and December 1 for the winter semester respectively. Undergraduate students who do not have their payment or payment arrangements finalized by the first day of the semester will have their class registration canceled at the end of that day. There are several populations of students whose course registration will not be canceled due to nonpayment (See “Consequences for Nonpayment” section on page 80 of this catalog). The middle of each month, email notifications are sent stating that NSU eBill is available for review online. Students are encouraged to make a payment toward their account balance as soon as they register for classes. Students should not wait to pay their tuition and fees to avoid cancellation of course registration and late charges.

If a student has a balance at 30 days after the start of the semester, a hold and a \$100 late fee will be placed on the account. The hold stops all student services, including but not limited to registration and access to the university’s recreational facility (NSU RecPlex). A student will not be able to register until all outstanding balances from previous and current semesters have been paid in full. Bursar holds must be cleared before the end of the drop/add period in order for a student to register.

Students will not be able to check-in to the residence halls until all requirements to satisfy their outstanding balance have been fulfilled.

Students Using Veteran Affairs (VA) Educational Benefits

In accordance with Title 38 US Code 3679 subsection (e) of the Veterans Benefits and Transition Act of 2018, Nova Southeastern University (NSU) will not impose a penalty on any student using veterans education benefits under Chapter 31 (Vocational Rehabilitation & Employment), Chapter 33 (Post 9/11 GI Bill®), or Chapter 35 (Survivors’ and Dependents’ Educational Assistance (DEA)) because of the individual’s inability to meet their financial obligations to the institution due to the delayed disbursement of funding from the Department of Veterans Affairs (VA). For more details, refer to NSU’s Pending Veterans Affairs Payment Policy at nova.edu/financialaid/veterans/process.html.

Visit the Bursar’s office online for the complete payment policy at <https://nova.edu/bursar/payment/>.

METHODS OF PAYMENT

NSU accepts Visa, MasterCard, and American Express. Check payments include traveler’s checks, cashier’s checks, personal checks, and money orders. International payments may be submitted via Flywire in any currency. International checks must be in U.S. funds only and drawn on a U.S. bank. Wire transfers are accepted. Electronic check and credit card payments can also be made through NSU eBill or SharkLink. Students can access NSU eBill using their SharkLink ID and password to authorize other individuals (e.g. parent, spouse, or grandparent) to view their bill and make payments to their account. Students may also mail a payment to the Office of the University Bursar or make payments in person at the One-Stop Shop located in the Horvitz Administration Building on the NSU Fort Lauderdale/Davie Campus. For more details, visit nova.edu/bursar/payment/pay_my_bill.html.

DECLINED PAYMENT POLICY

NSU assesses a \$25 declined payment fee for each declined payment, including installment payments that are part of a payment plan and payments made by check or credit card. A declined payment hold (1F) is placed on the account until the declined payment and assessed fee have been paid.

The Bursar's Office reserves the right to refuse personal checks from students, whose previous check payments have been declined more than once. These students will be required to submit payment by money order, credit card, or certified check.

NSU PAYMENT PLANS

NSU students who wish to defer payment of their tuition, fees, and other institutional charges, due before the start of the semester, may sign up for an NSU payment plan in NSU eBill. For detailed information including eligibility criteria, enrollment periods, and more, visit nova.edu/paymentplan.

Tuition Direct Billing

A student whose employer, sponsor, or guarantor has agreed to be direct-billed by NSU must notify the Office of the University Bursar accordingly. The student must complete the following upon registration:

- provide a voucher, financial guarantee, letter of credit or authorization from the respective payer including the authorized amount, enrollment period, student's name, authorized signature, and complete billing information.
- where applicable pay any amount due not covered in the billed party documentation no later than the start of the semester to avoid the assessment of late fees.

Tuition Reimbursement

Some employers/sponsors/guarantors make payments directly to the student under tuition reimbursement programs. These programs are between the student and the employer only. To avoid holds on the account, students must complete the following upon registration:

- Pay charges in full for the semester/term.
- Send an email to studentaccts@nova.edu from their SharkLink (NSU) email account to request a receipt of paid charges.

Please note that students under employer tuition reimbursement programs are not exempt from the university's payment policy.

FLORIDA PREPAID COLLEGE PLAN

NSU accepts and bills the Florida Prepaid College Plan (FLPP) for tuition, fees, and on-campus housing costs. The plans are based on the tuition rates of the tax-assisted Florida public colleges and universities. The difference between NSU tuition, fees, and on-campus housing costs and the allocations through the Florida Prepaid College Plan is the sole responsibility of the student. If a student is on the unrestricted plan, the student may elect to have NSU bill them for their remaining account balance after all financial aid has paid to the account or they may specify a dollar amount they wish NSU to bill for each semester. NSU will bill students' Florida Prepaid plan according to these instructions until the Florida Prepaid plan value has been depleted. Students new to NSU must contact Florida Prepaid at 800-552-GRAD to authorize NSU for payment. For those students who have notified the Florida Prepaid College Plan that they are attending NSU, the Plan will automatically be billed based on the hours of enrollment after the drop/add period. A student may request changes to their FLPP by submitting a completed and signed Florida Prepaid College Plan Billing Request Form available on the bursar website at nova.edu/bursar/forms/. To learn more about the Florida Prepaid College Plan, visit myfloridaprepaid.com.

CONSEQUENCES FOR NONPAYMENT

Undergraduate students who do not have their payment or payment arrangements finalized by the first day of the semester will have their class registration canceled at the end of that day. This may not apply to select professional undergraduate programs, NSU full-time employees, and students receiving veterans' education benefits.

Late Payment Fee (applicable to all students)

Students who incur a balance after the start of the semester must submit final payment no later than 30 days from the start of the semester.

The Office of the University Bursar shall:

- Notify students who have failed to meet their financial obligation after 30 days from the start of the semester;
- Place a financial hold and late fee of \$100 on the student's account. A financial hold prevents future registration, access to the university's recreational facility (NSU RecPlex), and other services, until all outstanding balances are paid in full.

Refund Policies

Refunds of Admission Deposits

The \$200 deposit paid upon admission to the Traditional Day Program is refundable if requested prior to the start of the semester by May 1 for fall enrollment, and September 1 for winter enrollment.

Refunds of Tuition and Fees

Pro-rated tuition refunds are limited to the first three weeks of each semester according to the policies outlined below for each program. Non-attendance does not constitute an official drop. Students must formally drop courses to be eligible for a refund. Contact an academic advisor for assistance.

Please note that students must be officially registered prior to the start date of course(s) to participate in and receive academic credit for those courses. The "start date" is generally through the first week of the semester. Students are responsible for reviewing their registration and academic records each semester for accuracy. In extenuating circumstances, petitions for changes to course registration may be accepted up to 20 days after each semester ends.

Students will not be charged tuition for each course dropped in SharkLink by the end of the first week of the semester (drop/add period).

In order to drop classes after the official drop/add period, students must submit a Student Transaction Form to the Registrar's Office, the One-Stop Shop (located in the Horvitz Administration building), or the program office.

The following applies:

- Drops through the seventh day of term in which the class begins: 100 percent
- Drops during the eighth through 14th day of term: 75 percent
- Drops during the 15th through 21st day of term: 50 percent
- Withdrawals after the 21st day of term: no refund

Refunds of Student Health Insurance Charges

Students who withdraw from NSU within the first 30 days of their insurance coverage period will have the insurance charge reversed and refunded, if applicable. Students who withdraw after the first 30 days of the coverage period will not be eligible for reversal of the charge and will remain enrolled in the NSU Student Health Insurance Plan and responsible for payment of the charge.

Processing of Refunds for Tuition and Fees

For tuition refund requests to be considered, students must provide written notification to their academic advisor. Refund amounts are based on the date of written notification, such as the date of sent email (must be from an NSU email account) or postmark for mailed requests. For general registration, drop/add, and withdrawal policies, refer to "Registration" section on page 66 of this catalog.

Refunds for Dismissed Students

Students who are expelled from NSU will not receive tuition refunds.

Refunds for Course Cancellations

The university reserves the right to cancel any course or section when registered enrollments are low. The university will refund 100 percent of tuition and any associated class fees for courses that are cancelled. If a student registered for only one course, the registration fee and student services fee will also be refunded.

Exceptions to Tuition and Fees Refund Policies

Refunds or credits to student accounts may be considered after the drop period if proof of extenuating circumstances exists. Students should contact their academic advisor with questions about extenuating circumstances. Requests for refunds must be made during the same semester in which courses are scheduled.

It is the student's responsibility to provide all necessary documentation. Academic advisors will forward requests to appropriate directors for consideration. See also "Student Action Request (SAR)" section on page 64 of this catalog.

Financial Aid Refunds

Financial aid is intended to cover educational expenses. If the total amount of your financial aid award for the semester exceeds the institutional charges on your NSU student account, (e.g., tuition, fees, campus housing, NSU health insurance, meals), you may receive a financial aid refund. If you are eligible to receive a refund, you will be receiving your refund in the form of a check unless you have completed a Direct Deposit Authorization or the account has been paid by credit card or gift card, in which case the excess credit will be returned to your card. Therefore, students are advised to retain any gift cards used to make payments. For detailed information about financial aid refunds, visit nova.edu/bursar/refunds/financial_aid_refunds.html.

Force Majeure

NSU's duties and obligations to the student shall be suspended or modified immediately, without notice, during all periods that the university determines it is closed or ceases or modifies or curtails operations because of force majeure events including, but not limited to, any fire or any casualty, flood, earthquake, hurricane, lightning, explosion, strikes, lockouts, prolonged shortage of energy supplies, riots or civil commotion, Act(s) of God, war, governmental action, act(s) of terrorism, infectious diseases, epidemic, pandemic, physical or structural dangers, or any other event beyond the university's control. If such an event occurs, NSU's duties and obligations to the student (including its delivery and format of classes, student housing and dining, campus facilities, and related services, activities, and events) will be postponed, canceled, or modified until such time as the school, in its sole discretion, may safely reopen or resume normal operations. Under no circumstances, except as otherwise required by Federal or State statute, will NSU be obligated to refund, reduce, or credit any portion of tuition, housing, meal plans, fees, or any other cost or charge attributable to any location, delivery modality, or service affected by any such force majeure event necessitated by acts of God, university or academic or health and safety decisions, and/or any situations outside of the university's control. This includes, but is not limited to, any suspensions to or changes from in-person, on-campus education, services, and/or activities to remote services, activities, and/or remote learning. By choosing to enroll or study at NSU, students agree to these terms.

Any decisions by the university to provide a refund or credit, in whole or in part, of any fee or other charge, in the event of a campus closure, suspension, or other change to the delivery format of education, activities, housing, dining, and/or services shall be in the university's discretion and shall not create an expectancy that any individual is legally entitled to such refund or credit or that it will be provided in any other instance.

Indebtedness to the University

By registering for courses at Nova Southeastern University, the student accepts financial responsibility for payment of all institutional costs including, but not limited to, tuition, fees, housing, health insurance, and meal plan (if applicable), and any additional costs when those charges become due. Payment is due in full at the time of registration. NSU eBill notifications are sent the middle of each month to the student's NSU email address. However, to avoid late charges, students should not wait for their billing notice to pay their tuition and fees. A student will not be able to register for future semesters until all outstanding balances from previous semesters have been paid in full. If a student has a balance 30 days after the start of the semester, a hold and a \$100 late fee will be placed on his or her account. This hold stops all student services, including, but not limited to, access to the NSU RecPlex, and future registrations. It will remain on the student's account until the balance has been paid in full. Delinquent student account balances may be reported

to a credit bureau and referred to collection agencies or litigated. Students with delinquent accounts will be liable for any costs associated with the collection of unpaid charges, including attorney fees and court costs. All registration agreements shall be construed in accordance with Florida law, and any lawsuit to collect unpaid fees shall be brought exclusively in the appropriate court sitting in Broward County, Florida, regardless of the student's domicile.

Veterans' Education Benefits

Department of Veterans Affairs (DVA) educational benefits are designated to provide eligible individuals with an opportunity for educational and career growth. Eligible veterans and their dependents should contact the Office of Veterans Benefits at (954) 262-7236, toll free 800-541-6682, ext. 27236, Monday through Friday, between the hours of 8:30 a.m. and 5:00 p.m., by email at vabenefits@nova.edu, or visit the office in the Horvitz Administration Building on the Fort Lauderdale/Davie campus. Detailed information is also available on the veterans education benefits web page at nova.edu/financialaid/veterans/. If you have any questions concerning eligibility, you may also contact the U.S. Department of Veterans Affairs (DVA) at 888-442-4551 or visit their website at va.gov.

GRADE/PROGRESS REPORTS FOR STUDENTS RECEIVING VETERANS' BENEFITS

Nova Southeastern University furnishes each student with a Notification of Posting of Grade with instructions on how to view an unofficial transcript that shows current status of grades and earned semester hours for all courses completed and/or attempted, and grades for courses in which the student is currently enrolled. At the end of every evaluation period (e.g., term, semester) each veteran can request an official transcript which shows the current status of grades and earned semester hours for all courses completed and/or attempted. This transcript can be obtained from the One-Stop Shop in the Horvitz or Terry Administration Buildings or online at sharklinkportal.nova.edu for a \$10 fee.

PENDING VETERANS AFFAIRS (VA) PAYMENT POLICY

In accordance with Title 38 US Code 3679 subsection (e) of the Veterans Benefits and Transition Act of 2018, Nova Southeastern University (NSU) will not impose a penalty on any student using veterans education benefits under Chapter 31 (Vocational Rehabilitation and Employment) or Chapter 33 (Post 9/11 GI Bill®), or Chapter 35 (Survivors' and Dependents' Educational Assistance (DEA)) because of the individual's inability to meet their financial obligations to the institution due to the delayed disbursement of funding from the Department of Veterans Affairs (VA).

NSU will not:

- Prevent the student from attending or participating in the course of education during periods in which there is a delayed disbursement.
- Assess late payment fees if the financial obligation is fully funded by the Department of Veterans Affairs (VA).
- Require the student to secure alternative or additional funding for delayed disbursements.
- Deny the student access to institutional facilities and services (e.g. access to the University Center RecPlex, grades, transcripts, and registration) available to other students who have satisfied their tuition and fee bills.

To qualify for this provision, students are required to:

- Produce a Certificate of Eligibility (COE) by the first day of class.
- Submit a VA Enrollment Certification Request.
- Provide additional information needed to properly certify enrollment as described in other institutional policies.

Enrollment Certification Requirement

Students using veteran educational benefits must authorize NSU to apply those benefits each semester by submitting a VA Enrollment Certification Request Form. The 2024-25 VA Enrollment Certification Form can be located in *SharkLink* (Financial Aid page).

Academic Resources and Student Services

Center for Academic and Professional Success

The Center for Academic and Professional Success (CAPS) at NSU empowers and supports the holistic development of students as they pursue their academic and professional goals.

Academic Advising Services

CAPS provides NSU students the individual attention needed to reach their academic goals. Students are coached on how to select the plan to successfully complete the requirements of their selected degree programs. Throughout a student's undergraduate program, they can access CAPS services for support with changes of majors or minors, ensuring satisfactory academic progress, course selection, registration for each semester, and graduation planning and application. In addition, students have access to Navigate, a leading platform that serves to connect students with their NSU Support Network.

Career Development Services

CAPS provides NSU students the individual attention needed to reach their career goals. Students are coached on how to further explore their major while developing a competitive resume and cover letter, refining individual interviewing skills, selecting an internship, applying to graduate school and supporting overall career planning needs. In addition, students have access to Handshake, a cutting-edge career platform that serves as a career one-stop-shop.

Students in all undergraduate programs EXCEPT for Bachelor of Health Science, Bachelor of Science in Respiratory Therapy Post Professional (online) program, Bachelor of Science in Cardiovascular Sonography, Bachelor of Science in Medical Sonography, and Bachelor of Science in Respiratory Therapy First-Professional (on campus) Program, and those in the Ron and Kathy Assaf College of Nursing, receive Undergraduate Academic Advising services from their individual college/program. See section below for Dr. Pallavi Patel College of Health Care Sciences and Ron and Kathy Assaf College of Nursing.

CAREER AND ACADEMIC SUCCESS COACHES (EDGE ADVISORS)

Students entering NSU in Fall 2020 and beyond are partnered with an Academic and Career Success Coach, or Edge Advisors. Edge Advisors serve as their students' single point of contact for all advising. Edge Advisors are assigned to students based on their area of study to ensure they can specialize in their knowledge and practice, and therefore will change if students change majors. Students should maintain regular contact with the Edge Advisor throughout their NSU journey.

EMPLOYER RELATIONS

The Employer Relations team provides an array of opportunities that enhances a student's academic experience and cultivates their professional and personal development through employer programming including:

- Career and Internship Fairs
- Case Competitions
- Networking and Industry focused events
- Company Site Visits
- On-Campus Interviews
- Resume and Interview Critiques

UNDERGRADUATE ENROLLMENT AND RETENTION

Undergraduate Enrollment and Retention implements deliberating planning and develops undergraduate enrollment strategies. Using a web-based student performance monitoring system, the office tracks communication between faculty, students, and support staff. The office also monitors enrollment and helps proactively aid the development of programs, policies, and procedures that align with the institution's retention goals and priorities to ensure student success. The office works closely with campus resources to promote persistence and degree completion.

For more information, contact the Center for Academic and Professional Success at (954) 262-7990 or caps@nova.edu, or visit nova.edu/caps.

Horvitz Administrative Building
First floor (Room 152) and Second floor (Room 252)
Phone: (954) 262-7990 | 800-541-6682, ext. 27990
Fax (954) 262-3709
Email: caps@nova.edu

Campus Life and Student Engagement

The Office of Campus Life and Student Engagement (CLSE) plays a key role in assisting students to develop an affinity to NSU through engagement in organizations and activities related to their interests. The office is home to the Student Events and Activities (SEA) Board, more than 150 registered undergraduate student organizations, the Inter-Organizational Council (IOC), and the Undergraduate Student Government Association (USGA). This office hosts and sponsors university-wide events such as the Student Life Achievement Awards, Sharkapalooza, Homecoming, and CommunityFest. CLSE is also responsible for our Sharks on the Scene (S.O.S.) Program, offering students exclusive discounted tickets to some of the largest events South Florida has to offer. Additionally, CLSE oversees the Fraternity and Sorority Life Office (FSL), and Orientation.

Fraternity and Sorority Life Office (FSL) oversees our 12 social Greek lettered organizations by 3 distinct councils: Collegiate Fraternal Council, Panhellenic Council, and Unified Greek Council. Joining the Greek Community provides opportunities for academic support, social networking, service to the greater community, and a chance to be a part of NSU tradition.

DR. PALLAVI PATEL COLLEGE OF HEALTH CARE SCIENCES

Academic Advising and Administrative Support

Students in the online BHS, Medical sonography, cardiovascular sonography, and respiratory therapy are required to contact the program director. The program director and the department coordinator will advise and assist the student during their matriculation into the program. Students may communicate with the director and coordinator via phone, fax, email, or in person if they visit campus.

Department of Cardiopulmonary Sciences

Phone: (561) 805-2301

Department of Health and Human Performance

B.S. in Exercise and Sport Science

Phone: (954) 262-8154

Department of Health Science—Cardiovascular Sonography

Phone: (813) 574-5372

Department of Health Science—Online

Phone: (954) 262-1239

Department of Health Science—Medical Sonography

Phone: (954) 262-1997

A designated nursing faculty advisor will help students with course selections for each semester. Prior to selecting courses for the next semester, students should review all nursing program course requirements and tracking. All students are asked to meet with their designated nursing faculty advisor each semester, including the last semester of coursework prior to graduation.

Academic Advising

B.S. in Nursing Programs:
Fort Lauderdale: (954) 262-1977
Fort Myers: (239) 274-3486
Miami: (305) 275-2628

Disability Services

The Office of Student Disability Services provides information and individualized accommodations to ensure equal and comprehensive access to university programs, services, and campus facilities. Information about requirements for requesting accommodations, by any student enrolled at the university, are available online through the office website. To obtain more information from the Office of Student Disability Services, please call (954) 262-7185, email disabilityservices@nova.edu, or visit our website at nova.edu/disabilityservices.

Financial Aid and Academic Records

Financial Aid and Academic Records (FAAR) is part of the Division of Enrollment Management and Student Affairs (EMSA). Collectively, FAAR is committed to providing a seamless service experience for students when it comes to their registration, student account, and financial aid. FAAR team members work collaboratively to ensure that information provided is accurate and that requests are processed expeditiously.

The FAAR unit is comprised of the following student-facing offices and departments:

- The Office of Financial Aid
 - Scholarships
 - Veterans Education Benefits
- The Office of the University Bursar
 - Student Health Insurance
- The Office of the University Registrar
- Transfer Evaluation Services (TES)
- Enrollment Processing Services (EPS)
- The One-Stop Shop

Means of Communication with Students

NSU's official means of communicating with students is via SharkLink and NSU email. Students are encouraged to access SharkLink at <https://sharklinkportal.nova.edu> to complete the following tasks:

- Check their NSU email.
- Access their financial aid information.
- Request official transcripts and view unofficial transcripts.
- View their student accounts.
- Make payments.
- Access their grades.
- Register for and drop courses.
- View their course schedule.
- Access their online degree evaluation (Degree Works).
- Obtain enrollment verification.

- Change their primary and mailing addresses and phone numbers.
- Apply for student employment jobs.
- Sign the Student Enrollment Agreement (SEA).
- Set up direct deposit for financial aid refunds.

Enrollment Processing Services

Enrollment Processing Services (EPS) is the university's central hub for the collection, processing, and secure storage of documents and files related to students' academic and financial aid records.

Office of Financial Aid

The Office of Financial Aid is dedicated to assisting students in making well-informed decisions regarding the funding of their education at NSU. The office administers grants, scholarships, student employment, and loans, and prepares student financial aid award offers based on federal and state regulations and institutional guidelines. The financial aid office provides information on the application processes for financial aid and veterans educational benefits, and counsels students on proactive debt management strategies and financial literacy. The office also monitors student Satisfactory Academic Progress (SAP) for financial aid eligibility and awards scholarships from internal and external sources. Students may receive financial aid guidance in person, by email, or telephone. For more details, including contact information, visit nova.edu/financialaid.

Office of the University Registrar

The Office of the University Registrar is responsible for many essential services to the university community, including, but not limited to, course registration, transcript processing, name and address change, loan deferment, enrollment and degree verification, grade processing, degree conferral, and diplomas. The primary responsibility of the registrar's office is to create, maintain, and protect students' academic records as well as interpreting and upholding university policy. For more information, visit nova.edu/registrar.

Office of the University Bursar

The Office of the University Bursar is responsible for billing students, collecting and depositing payments, sending invoices and receipts, distributing student educational tax forms, issuing refunds from excess financial aid funds, and verifying students' eligibility for financial aid funds. The office also assists borrowers of Federal Perkins and Health and Human Services Loans with repayment options. NSU Student Health Insurance is also housed within this office. For more information, visit nova.edu/bursar.

One-Stop Shop

The One-Stop Shop is the central point of contact for information and service for walk-in prospective, new, and continuing students. Staff members are cross-trained to answer inquiries about financial aid, registrar, and bursar functions. Students can submit financial aid documents, obtain enrollment verification, request official transcripts, and register for classes. The One-Stop Shop is conveniently located in the Horvitz Administration Building on the Fort Lauderdale/Davie Campus. For hours of operations and a service directory visit our website at nova.edu/financialaid/contactus/.

Transfer Evaluation Services

Transfer Evaluation Services (TES) assists prospective and current undergraduate students with services relating to the transfer of courses taken at other regionally accredited colleges and universities. For more information, visit nova.edu/tes.

Financial Assistance

FINANCIAL AID CHECKLIST

1. Complete the FAFSA and NSU State Aid Application.

Students should complete the Free Application for Federal Student Aid (FAFSA) at studentaid.gov annually. The NSU federal school

code is 001509. The earlier students apply, the better chance they have of being considered for maximum available funds. To apply for Florida grants and scholarships, undergraduate students must complete the NSU State Aid Application available on the financial aid website at nova.edu/financialaid/forms/state-aid-app.html.

2. Identify and apply for scholarships.

Institutional and external scholarship opportunities are available to assist students in meeting their educational goals. The best resource for up-to-date information is the NSU scholarship website located at nova.edu/financialaid/scholarships. Student are encouraged to complete the General Scholarship Profile each year to be considered for institutional scholarships and to visit the website frequently for information on how to apply and resources for identifying scholarships. Students should commit to continuously identifying and applying for scholarships as this type of financial aid does not have to be repaid.

3. Plan for housing and meal expenses.

The budget includes a housing and meal component. Students must ensure that they budget for these expenses, if they intend to live on campus.

4. Check your financial aid account regularly.

Students are expected to log in to SharkLink at <https://sharklinkportal.nova.edu> and regularly check their financial aid status to ensure that there are no outstanding requirements. Students who must submit additional documents in order to be awarded financial aid will also be notified via NSU email.

5. Students must accept, decline, or modify loan and federal work-study award(s).

The financial aid award notice provides students with detailed instructions on how to accept, decline, or modify, their financial aid award. Loan awards are not disbursed, and students are not able to apply for student employment jobs in JobX until this step has been completed. For more information on aid awarded, carefully review the Terms and Conditions of Your Financial Aid Award Offer at nova.edu/financialaid/apply-for-aid/2425terms.html.

6. Complete a Master Promissory Note and Entrance Counseling for Loans.

Students interested in receiving Federal Direct Loans are required to complete a Direct Loan Master Promissory Note (MPN) and entrance counseling at studentaid.gov.

7. Register for classes (early).

In order for students to receive any federal Title IV, state, and institutional financial aid, they must register for a minimum number of credits that are required for degree/certificate completion (degree-applicable) as published in the catalog from the year the student matriculated. Enrollment requirements for federal and state grants vary. Students awarded Federal Direct Loans must be enrolled at least half time in degree-applicable courses to receive loans. Half-time enrollment is defined as 6 degree-applicable credits per semester for undergraduate students. Private loan enrollment requirements vary by lender. Students are to use NSU's online degree evaluation systems Degree Works to keep track of completed and outstanding degree requirements when registering for courses. For more information, see "Degree Works" section on page 67 of this catalog.

FEDERAL GRANTS AND SCHOLARSHIPS

Grants and scholarships generally do not have to be repaid. However, if a student drops or withdraws from any classes for which financial aid has been received, the student may have to return funds. For more information on grants and scholarships, students should visit the financial aid website at nova.edu/financialaid.

INSTITUTIONAL SCHOLARSHIPS

There are numerous scholarships available to help students fund the cost of attending NSU. Generally, scholarships are awarded to students who meet particular criteria for qualification, such as academic achievement, financial need, field of study, talent, or athletic ability. In order to receive an NSU scholarship, such as an NSU Dean's or NSU President's Scholarship, students must meet all scholarship requirements including any required grade point average (GPA) and course-load requirements. Institutional scholarship recipients must be enrolled full time in degree-applicable coursework by the end of the drop/add period for the first part of the term of each semester. Recipients of first-year undergraduate merit scholarships are notified of their award(s) by the Office of Undergraduate Admissions. Please note that institutional scholarships are applied to tuition only, unless noted otherwise. This means that if other

tuition awards in excess of tuition charges are received—either from institutional or external sources—the university will reduce the institutional award(s) accordingly. Institutional scholarships are available for four academic years (eight consecutive fall/winter semesters) or such shorter time required to complete the baccalaureate degree from the date of the student’s first enrollment. Graduate and/or professional coursework is not covered by undergraduate scholarships, except for the Fischler Academic Scholarship. If you select the Bachelor’s plus Master’s in four years program, you will receive the Fischler Academy scholarship for three years of undergraduate tuition and a 50% discount on Master’s tuition for three consecutive semesters. The Fischler Academy Scholarship is the only undergraduate scholarship that applies to graduate coursework.

Failure to adhere to scholarship requirements may result in cancellation of a scholarship award. Once an institutional scholarship has been canceled, it cannot be reinstated. To identify additional scholarship resources, visit nova.edu/financialaid/scholarships/. Students are encouraged to check the scholarship website regularly as new scholarships are added to the website throughout the year.

STUDENT EMPLOYMENT

There are four student employment programs:

- Federal Work-Study (FWS)
- Nova Southeastern University Student Employment (NSE)
- Job Location and Development (JLD)

NSE and JLD programs provide jobs to students regardless of financial need. Even though the JLD program is not need-based, students who wish to participate in the program must complete the FAFSA. FWS and FWEP are need-based and require the completion of the FAFSA. Students awarded FWS may participate in the America Reads/America Counts Programs through which students serve as reading or math tutors to elementary school children. For more information on NSU student employment, including information on how to apply for jobs and the *Student Employment Manual*, visit the student employment website at nova.edu/caps/studentemployment.

LOANS

A student loan, unlike a grant and work-study, is borrowed money that must be repaid with interest. Student loan repayment is a legal obligation. Before deciding to accept a loan, students should determine the amount that needs to be repaid on the loan.

For detailed information on loans available to students, visit the financial aid website at nova.edu/financialaid/undergraduate/loans.

RETURN OF TITLE IV FUNDS

Any student who withdraws from all Title IV eligible courses within an academic semester may be required to return unearned financial aid funds. The Return of Title IV Funds regulation is based on the premise that students “earn” financial aid for each calendar day that they attend classes. Students are strongly encouraged to consult with a financial aid counselor before dropping or withdrawing from courses so that they may be prepared for what may happen to their financial aid. For complete information on the Return of the Title IV Funds, please review nova.edu/financialaid/apply-for-aid/title-iv-return.html.

SATISFACTORY ACADEMIC PROGRESS (SAP)

In order to receive financial aid, a student must continually meet Satisfactory Academic Progress (SAP) requirements established by the Department of Education. These progress requirements include the following criteria: qualitative (grade point average), maximum time frame (total allowable credits), and pace (overall credits completed).

To maintain SAP for eligibility for state aid, such as the Florida Bright Futures Scholarship and the Effective Access to Student Education (EASE) Grant, students must meet additional requirements. State aid SAP requirements are published at nova.edu/financialaid/eligibility/sap-standards.html.

Students who fail to meet SAP during the 2024–2025 academic year will not be eligible for Title IV federal and Florida state financial aid during the 2025–2026 academic year. Comprehensive information is available on the financial aid website at nova.edu/sap/.

NSU Student Handbook

The NSU Student Handbook addresses general university policies for NSU students, including student life, student rights and responsibilities, university policies and procedures, and NSU resources. The *NSU Student Handbook* can be viewed at nova.edu/student-handbook.

For Health Professions Division (HPD) students in the Dr. Pallavi Patel College of Health Care Sciences and Ron and Kathy Assaf College of Nursing, please also refer to your college's student handbook for more information specific to your respective colleges.

- *Dr. Pallavi Patel College of Health Care Sciences Student Handbook:* https://nova.edu/publications/chcs/chcs_student_handbook/
- *Ron and Kathy Assaf College of Nursing Student Handbook:* <https://nova.edu/publications/nursing/student-handbook/>

Office of International Affairs (OIA)

The Office of International Affairs (OIA) serves as a base for the university's international initiatives. OIA provides ongoing assistance and support for all members of the university community engaged in campus internationalization, global partnerships and exchanges and other globalization efforts. Under the OIA umbrella there are three offices:

OFFICE OF INTERNATIONAL UNDERGRADUATE ADMISSIONS

The Office of International Undergraduate Admissions (OIUGA) provides comprehensive international student recruitment and admissions support for prospective international undergraduate admissions. This includes all Puerto Rican students, all prospective students who are non-US citizens, and all prospective undergraduate students living abroad. Refer to "International Students Admissions" section on page 48 of this catalog for additional information.

OFFICE OF INTERNATIONAL STUDENTS AND SCHOLARS

The Office of International Students and Scholars (OISS) is committed to welcoming international students, scholars, and their families while facilitating their transition to life in the United States and at Nova Southeastern University. Specifically, OISS provides immigration assistance to international students and their dependents on F visas and exchange visitor scholars and their dependents on J visas. OISS is committed to providing timely, thorough, and accurate information to enable international students and scholars to maintain valid immigration statuses and achieve their educational objectives.

- *Admitted students:* OISS communicates with admitted students regarding the process and required documentation for I-20 and DS-2019 issuance and provides pre-arrival support.
- *New Students:* OISS facilitates online and in-person International Student Orientations each semester.
- *Continuing students:* OISS communicates regularly with students regarding immigration regulations and requirements. OISS offers workshops and events for international students and promotes opportunities for international students to share their cultures with the entire NSU community. International student advisors within OISS provide walk-in and by-appointment immigration advising to enable students to maintain their valid immigration status.
- *Graduating students and alumni:* OISS supports graduating international students and their alumni through the Optional Practical Training (OPT) and STEM OPT application and reporting process.

Additional information and resources for international students and scholars are available at nova.edu/internationalaffairs/students/. Questions may be directed to intl@nova.edu or (954) 262-7240.

OFFICE OF EDUCATION ABROAD

The Office of Education Abroad (OEA) provides comprehensive assistance to all students who wish to travel abroad on any of the many international travel experiences offered at the institution including summer, semester, and academic year study abroad programs, faculty-led travel study programs, international internships, and international service learning opportunities. Nova Southeastern

University is committed to providing students with study abroad opportunities, the flexibility to earn college credit at a university abroad, and receive financial assistance.

All International Travel by NSU Students, Faculty, and Staff

NSU faculty, students, and staff travel across the globe to teach, conduct research, present at seminars and workshops, attend conferences, and study. The university maintains a central international travel registration program that assists travelers on NSU related business or study with the assessment of health and safety issues associated with traveling to international destinations, and provides important contact information for services and assistance in the event of an emergency.

As per university policy, all faculty, staff, and students traveling to international destinations on NSU-related trips are required to complete the NSU Travel Registration process. Pertinent international travel information including a country's risk rating is available at nova.edu/internationalaffairs/travelreg.

Study Abroad

Participation in approved NSU study abroad programs allow NSU students to take courses at foreign institutions and earn credit which can be transferred back to fulfill requirements toward an NSU degrees. All expectations are outlined in the Sharks Abroad Canvas course. Students will be enrolled in this course upon receiving their NSU approval to study abroad.

- **Application and Deadlines:** In order to be approved to study abroad, a student must submit the NSU Study Abroad Application by the posted deadline. Summer, fall, and academic year programs have a deadline in early March and winter and spring programs have a deadline in October. Applications are reviewed by staff within the Office of Education Abroad and approvals are granted following consultation with the assistant dean of student development, the student's academic advisor, and premier program coordinators, as appropriate. Students should not apply externally until their internal NSU Study Abroad Application has been approved. Some external program application deadlines are prior to the NSU application deadline so students should plan ahead to ensure they are able to meet both deadlines.
- **Pre-Departure Requirements:** In order for a study abroad program to be fully approved, students must complete all mandatory pre-departure requirements including the submission of all required documents, the successful completion of all required financial aid and credit transfer paperwork, and completion of the mandatory pre-departure orientation. Students who fail to complete all mandatory pre-departure requirements will not have their participation approved by the Office of Education Abroad which will impact a student's ability to utilize financial aid and/or have study abroad credits transferred back to NSU.
- **While Abroad and Re-Entry Requirements:** Students who have been approved to study abroad are expected to remain in contact with the Office of Education Abroad throughout the duration of their program and upon re-entry back to NSU.

Additional information regarding financial aid availability, the credit transfer process, and program destinations is available at nova.edu/sharksabroad. Questions may be directed to NSU's Sharks Abroad team at sharksabroad@nova.edu.

Travel Study

Several NSU colleges, in cooperation with the Office of Education Abroad, offer organized faculty-led travel study programs that are part of established courses and may satisfy specific major, minor, and/or general education elective requirements. A current listing of travel study courses is available at nova.edu/internationalaffairs/travel-study-abroad/travel-study. Additional information regarding application deadlines, payments, and pre-departure is available at nova.edu/sharksabroad. Questions may be directed to NSU's Sharks Abroad team at sharksabroad@nova.edu.

Orientation

The Office of Campus Life and Student Engagement creates orientation programs for first year and transfer undergraduate students who will attend class on NSU Fort Lauderdale/Davie campus. Orientation is designed to connect students to educational and social programming, involvement opportunities, and university resources. New students and their families will be prepared for their transition into the Nova Southeastern University community. All new undergraduate and transfer students must attend an orientation prior to beginning their first semester at NSU.

To learn more about specific orientation programs and to sign up to attend, visit nova.edu/studentorientation or email orientation@nova.edu.

The Dr. Kiran C. Patel College of Osteopathic Medicine offers domestic and global travel opportunities for course credit (3 credits) that satisfy credits toward all majors and minors offered in the college. Destinations vary each semester. For additional information, please contact Assistant Dean Kristi Messer at KM1320@nova.edu.

Other Orientations

Nursing Program

Nursing students should connect with the Ron and Kathy Assaf College of Nursing for more information on upcoming orientations. Nursing orientations are offered at the Fort Lauderdale/Davie, Fort Myers and Kendall campuses.

Bachelor of Science in Cardiovascular Sonography

Orientation for the Bachelor of Science in Cardiovascular Sonography is held at Tampa campus.

For more information, visit <https://healthsciences.nova.edu/healthsciences/sonography/orientation.html>.

Bachelor of Science in Respiratory Therapy First Professional program (entry-level)

Orientation for the Bachelor of Science in Respiratory Therapy First Professional is held at the West Palm Beach Campus.

Respiratory Therapy Post-Professional completion program (online)

Students are not required to attend an on-campus orientation. Students are oriented to their programs via an online format.

Students should connect with their respective college to receive more information for upcoming orientations. For information on the Orientations for the Dr. Pallavi Patel College of Health Care Sciences please contact the Office of PCHCS Student Affairs at (954) 262-1087 or email: studentaffairschcs@nova.edu.

Technical Help

The Shark IT Team is dedicated to serving the technology needs of the NSU community. Our team provides a variety of technology support for students, staff, and faculty. Our professionals are available to answer questions, troubleshoot technology issues, and escalate incidents as needed to our specialized IT teams. We are the first stop for technical questions or concerns. You may complete a ticket or call our office for support. You can contact the Shark IT Team at (954) 262-4357; 800-541-6682 ext. 24357; or email help@nova.edu.

Tutoring and Testing Center (TTC)

The Tutoring and Testing Center (TTC) supports the academic progress of all NSU students. Supplemental learning assistance and a variety of testing services are provided in a supportive and professional environment that enhances the ability of all students to meet educational goals, achieve academic excellence, and enhance personal growth.

TUTORING SERVICES

Students can receive one-on-one tutoring in subject areas that include mathematics and science. Tutoring sessions are offered in 45-minute increments. These sessions are designed to be interactive and students are expected to bring attempted assignments with them to the appointment. Math and science tutors clarify and reinforce specific topics. Our office staff uses a student-centered holistic approach, which considers the “whole student” when discussing academic success strategies. Students can also access academic support through drop-in tutoring at a variety of locations across campus. Additionally, our Academic Success Coaches work with students to help reinforce skills in study strategies, time management, and test preparation. For more information, please call (954) 262-8350 or visit our website at nova.edu/tutoring-testing/tutoring-services/.

TESTING SERVICES

Testing Services also facilitates faculty make-up exams and accommodations for students with documented disabilities. Other credit-bearing examinations available to students are the College-Level Examination Program (CLEP), DSST - DANTES subject standardized tests, and New York Proficiency Testing in Foreign Languages. All exams are by appointment. For more information, please call (954) 262-8374 or visit our website at nova.edu/tutoring-testing/testing-services/.

SUPPLEMENTAL INSTRUCTION

Supplemental Instruction (SI) is a peer-led student academic enrichment program that offers free, weekly, and organized group study sessions outside of class for select historically difficult courses. These study sessions are facilitated by SI Leaders who are nominated by faculty members for their leadership ability and content mastery. All SI Leaders are current NSU undergraduate students who have previously taken and mastered the course and have the skills and training to help guide others through course material. For more information, please call (954) 262- 8391 or visit our website at nova.edu/tutoring-testing/supplemental-instruction/.

Veterans Resource Center

The NSU Military Affairs Veterans Resource Center is the centralized location for resources and services for veterans and military affiliated students. Our mission includes the facilitation of academic success, supporting university and community engagement, professional development, and ultimately graduation and career attainment. Located in the Carl DeSantis Building, room 1045, the VRC is a home away from home that offers the following:

- Assistance with VA educational benefits and military commissioning scholarships and programs
- Lounge, meeting, and study area with a computer lab with free printing
- Veteran specific programming with university and community engagement opportunities
- Academic drop-ins from Career Development, Tutoring and Testing Center, The Writing Center, and Success Coaches
- Bi-weekly Speaker Series on topics to include VA benefits, Pro-bono Veteran Legal Assistance, and Financial Planning
- Home of the SVA Student Group: Freedom Sharks

For more information about NSU's Veterans Resource Center, find us at nova.edu/veterans, email us at vrc@nova.edu, or call (954) 262-FLAG (3524).

Write from the Start Writing and Communication Center (WCC)

The NSU Write from the Start Writing and Communication Center (WCC) is an innovative workspace where students, consultants, and faculty from all disciplines come together, in person and online, to discuss and develop writing and communication skills.

Located on the 4th floor of Alvin Sherman Library, the WCC offers all NSU students one-on-one assistance at any stage of the process, from brainstorming through final editing. WCC consultants help students develop and strengthen general writing and communication skills during face-to-face or online consultations.

Services include assistance on academic projects (essays, lab reports, theses, dissertations); digital projects (presentations, posters, infographics); professional projects (articles for publication); personal projects (creative writing); and oral presentations.

For more information or to make an appointment, students can visit the WCC website at nova.edu/wcc or call (954) 262-4644.

General Education Program

The General Education Program is designed to foster critical skills by helping students develop the ability to solve problems, think analytically, and communicate clearly. The program provides a common connection among all NSU undergraduates through a rigorous set of writing; mathematics; arts and humanities; and social, biological, and physical science requirements. As a result of the General Education Program, students develop effective communication skills in speaking, listening, writing, reading, and critical interpretation. The program also helps students place ideas in their proper context and appreciate the role of different cultural traditions.

General Education Program Mission Statement

The NSU undergraduate General Education Program prepares students to be responsible citizens in a dynamic, global environment and fosters intellectual curiosity and knowledge about different ideas and cultures by helping students develop the ability to solve problems effectively, think analytically, and communicate clearly. The program provides a common connection among all NSU undergraduates through a rigorous set of writing; mathematics; arts and humanities; social and behavioral science; and biological and physical science requirements.

General Education Program Framework

All students are required to complete general education requirements. Students normally complete general education requirements by the end of their junior year through a series of courses in the areas of written communication; mathematics; arts and humanities (including literature, history, ethics, and the performing arts); social and behavioral sciences; and biological and physical sciences.

Using General Education Credits for Major and Minor Requirements

Most courses may count toward both general education and major/minor requirements. Students should refer to their program curriculum and consult their academic advisor to determine which courses serve both sets of requirements.

GENERAL EDUCATION LEARNING OUTCOMES

The General Education program learning outcomes are based on three (3) categories aligned with the mission of NSU and the Gen Ed program: Foundation, Critical Thinking, and Communication. These categories and their respective General Education Program Learning Outcomes are as follows:

| Category | Description | Learning Outcomes |
|-------------------|---|--|
| Foundation | Knowledge and comprehension of the terminology, concepts, methodologies, and theories used within the subject area. | Students will state and explain the terminology, concepts, methodologies, and theories used within the subject area. |
| Critical thinking | Analysis of problems, issues, ideas, and evidence before accepting or formulating an opinion or conclusion. | Students will locate, define, and critically evaluate problems or information from multiple perspectives and develop reasoned solutions within the subject area. |
| Communication | Development and expression of ideas in different forms. | Students will clearly and effectively communicate knowledge and ideas in forms appropriate to the subject area. |

GENERAL EDUCATION REQUIREMENTS

Nova Southeastern University requires that undergraduate students complete 30 credit hours as part of the General Education Program. All students are encouraged to begin the Written Composition and Mathematics requirements during their first semester. Some majors have determined specific courses to be used to satisfy general education requirements. Students should contact their academic

advisor to determine their major's specific general education requirement list. Honors courses (with the HONR/HSCI/HSBS/HAAH prefixes) may be used to satisfy general education requirements of the appropriate general education section. Students should refer to the "Undergraduate Course Descriptions" for specific course prerequisites.

Equivalent courses taken prior to enrollment at NSU at a regionally accredited community college or university may be considered for a transfer of credit to fulfill a program's general education requirements.

| General Education | Credits |
|---|----------------|
| Written Composition—6 COMP credits at or above COMP 1500 | 6 |
| Mathematics—6 MATH credits at or above MATH 1040 | 6 |
| Arts and Humanities—6 credits in any courses with a prefix of ARTS, DANC, FILM, HIST, HUMN, LITR, MUSC, PHIL, SPCH, THEA, or WRIT, or in a foreign language | 6 |
| Social and Behavioral Sciences—6 credits in any courses with a prefix of ANTH, COMM, ECN, GEOG, GEST, INST, POLS, PSYC, or SOCL** | 6 |
| Science—6 credits in any courses with a prefix of BIOL, CHEM, ENVS, MBIO, NEUR, SCIE, or PHYS | 6 |
| Total General Education Credits | 30* |

* Some majors may require more than 30 general education credits due to specific courses needed to complete the degree.

** All students in the business programs at the H. Wayne Huizenga College of Business and Entrepreneurship must complete ECN 2020 and ECN 2025 as their Social and Behavioral Science requirements.

Experiential Education and Learning

Office of Experiential Education and Learning

At Nova Southeastern University, Experiential Education and Learning (ExEL) provides students opportunities to prepare them for an ever changing world. The purpose of experiential education is to actively engage students through relevant, ongoing experience, active learning, critical problem solving, and reflective practices.

Entering first-time-in-college (FTIC), undergraduate students will be required to earn six qualified experiential education (ExEL) units for graduation.

Students should work with their Edge Advisor to include curricular and co-curricular experiential education opportunities in their plan of study. Students are encouraged to engage in a number of opportunities offered through the ExEL program.

Please visit the ExEL website at nova.edu/academic-affairs/experiential-learning for an up-to-date listing of all ExEL designated coursework, co-curricular opportunities and further information about the ExEL program.

FIRST-YEAR EXPERIENCE REQUIREMENT (UNIV 1000)

All first-time-in-college students are required to complete the First-Year Experience (UNIV 1000) course in their first semester of attendance at NSU. This course introduces first-year students to fundamental expectations of college learning and the range of opportunities and experiences both in and outside the classroom that Nova Southeastern University provides. The course promotes student success by fostering academic inquiry and knowledge of essential resources that facilitate a successful transition to college life. This course develops the foundation that serves as a pathway to graduation and a thriving professional career. Upon successful completion of this course, students will earn one ExEL unit towards their graduation requirement. If a student does not successfully complete the UNIV1000 course in their first semester, it is recommended that they complete the course during the following winter semester. Students should contact their academic advisor if they have any questions.

Abraham S. Fischler College of Education and School of Criminal Justice

Abraham S. Fischler College of Education and School of Criminal Justice

Dean's Message



Congratulations on your decision to join NSU's Abraham S. Fischler College of Education and School of Criminal Justice (FCE&SCJ). As the Dean it brings me great pleasure to welcome you into the Fischler Family.

At FCE&SCJ, we are committed to offering undergraduate majors and minors in education, criminal justice, and human services that support and serve the needs of our students and the community in which we live. Through exemplary instruction in both face-to-face and online courses, our world-class faculty will inspire and motivate you to succeed academically and personally through engagement in a learning environment that is dynamic, innovative, and purposeful. Indeed, the quality of your education will be a direct reflection of the investment of time and energy that you devote to studying, interacting with faculty and peers, and participating in the many enriching educational experiences that are available to you on the NSU campus.

By choosing to pursue your goal of higher education, you have taken another important step towards personal fulfillment, career advancement, and global citizenship. Throughout the course of your studies, we hope you will gain knowledge and insights that will allow you to grow as a scholar, a teacher, a student, and an advocate. As you embrace this new and exciting journey, we will be here to guide you through the challenges and celebrate the triumphs. You are now a member of the Abraham S. Fischler College of Education and School of Criminal Justice. With each step you take, count on your Fischler Family to help you along the way.

A handwritten signature in blue ink, reading "Kimberly Durham". The signature is fluid and cursive.

Kimberly Durham, Psy.D.
Dean

Mission Statement

The Abraham S. Fischler College of Education and School of Criminal Justice comprises a global professional learning community dedicated to teaching, service, and scholarship with integrity. The College is committed to offering technologically advanced, student-centered educational experiences in Education, Human Services, and Criminal Justice. As a result, students can lead change in different communities, with an emphasis on fostering equity, cultural awareness, and social responsibility.

Introduction to the College

At the Abraham S. Fischler College of Education and School of Criminal Justice (FCE&SCJ), we are dedicated to the enhancement and continuing support of education, criminal justice, and human services professionals throughout the world. The college fulfills this commitment by serving as a resource for teachers and leaders and preparing them to accept changing responsibilities within their own organizations.

Consistent with the philosophical views of individual development, motivation, and leadership, FCE&SCJ is committed to preparing students for their responsibilities as professionals who hold themselves to high ethical standards and are able to successfully meet the needs of individuals and organizations in society.

Council for the Accreditation of Educator Preparation (CAEP) Program Approvals

The Elementary Education and Exceptional Student Education majors in the Department of Education Undergraduate Education Programs are CAEP accredited.

Undergraduate Programs of Study

The Abraham S. Fischler College of Education and School of Criminal Justice offers a Bachelor of Science in the following academic programs:

Majors:

- Child Development
- Criminal Justice
- Education
- Elementary Education—ESOL/Reading Endorsements (Florida State-Approved)
- Exceptional Student Education—ESOL Endorsement (Florida State-Approved)
- Human Services Administration
- Secondary Biology Education (Florida State-Approved)
- Secondary English Education—ESOL/Reading Endorsements (Florida State-Approved)
- Secondary Math Education (Florida State-Approved)
- Secondary Social Studies Education (Florida State-Approved)

Minors:

- Criminal Justice
- Education
- Military Science and Leadership: Army Reserve Officer Training Corps (ROTC)

Hochberg-Miniaci Razor's Edge Premier Programs:

- Experiential Leadership Minor
- Global Engagement Minor
- Research Studies Minor
- Shark Teach Scholars Program

Credential Coursework:

- Child Development Associate Credential (CDA)
- Florida Director Credential

Add-On Endorsement:

- Driver Education Add-On Endorsement

Meeting Facilities

Nova Southeastern University utilizes classroom facilities in accordance with local health, fire, and safety standards. All facilities are selected on the basis of their conduciveness to learning.

Form and Style Guidelines for Student Writing

The current edition of the *Publication Manual of the American Psychological Association (2020)* is the official style guide used for all written works at the Abraham S. Fischler College of Education and School of Criminal Justice. All students must adhere to the form and style requirements outlined by the APA style guide.

Department of Education

The Department of Education Undergraduate Education Programs includes Bachelor of Science degrees in Education, Elementary Education with ESOL/Reading Endorsements, Exceptional Student Education with ESOL Endorsement, Secondary Biology Education, Secondary English Education with ESOL/Reading Endorsements, Secondary Math Education, and Secondary Social Studies Education as well as minor areas of study. In addition, the Bachelor of Science degree in Education offers concentrations in Computer Science Education and Teaching and Learning.

Bachelor of Science Programs

The Department of Education Undergraduate Education Programs at Nova Southeastern University offers Florida Department of Education State-Approved programs that are proactively designed to address the current and future needs of educators. The aim is to prepare developing professionals with knowledge of content and pedagogy, professional dispositions, and skills for entry into the teaching profession.

DEPARTMENT OF EDUCATION UNDERGRADUATE PROGRAMS GOALS

The Department of Education Undergraduate Education Programs remain committed to the following goals.

1. Provide a quality, nationally accredited, state-approved, teacher preparation program that incorporates best practices of teacher preparation.
2. Enhance the quality and the consistency of program delivery on all campuses, and online.
3. Share up-to-date information on the state-approved teacher education program procedures, particularly those related to teacher candidates' attainment of the teacher education standards.
4. Support teacher candidates during their field experiences and clinical practices.
5. Ensure there are adequate resources for adjunct and full-time faculty members to improve the quality of instruction and provide opportunities for professional development. Success in this area is also dependent upon communication between full-time faculty members and adjunct instructors at the campuses.
6. Collaborate with school districts and communities to assess their needs and identify opportunities toward delivery of specially designed academic programs.
7. Respond to the state, professional, federal, and international demands related to teaching.

The Fischler Academy

The Fischler Academy is committed to the dissemination of pedagogical strategies and resources developed through research and sharing of evidence-based teaching practices. Experiential and project-based learning are infused throughout the program's curriculum to ensure teacher candidates are prepared for the real-world classroom. Nova Southeastern University is committed to the preparation of future teacher leaders, and has consistently maintained a strong interest and commitment to increasing student achievement, character building, and goal setting in the educational field. The Fischler Academy improves teacher preparation and aims to increase the volume of highly qualified educators entering the classroom, as well as educational opportunities to improve instruction for in-service teachers.

MISSION STATEMENT

The Fischler Academy is a comprehensive teacher-training program designed to foster aspiring educators to become reflective teacher leaders who are committed to equity, cultural awareness and social responsibility. The curriculum blends the learner-centered model of competency-based instruction with the immersive elements of experiential education and offers a state-of-the-art, technology-rich learning environment to experience effective professional practices. Students are prepared to serve as dynamic agents of change within communities through active field experiences that begin early in the program and continue through their educational journey.

Educator Certification Requirements

In Florida, candidates graduating from a state-approved program and who have passed all portions of the Florida Teacher Certification Exam (FTCE) are eligible for a professional or temporary certificate or endorsement. Actual teacher certification or endorsement is awarded by the Florida Department of Education.

A state department of education reserves the right to change requirements leading to certification/licensure at any time. Consequently, NSU reserves the right to change requirements in a state-approved program, with or without prior notice, to reflect new state mandates.

Some Nova Southeastern University programs may not meet a state's certification and/or licensure requirements. Before beginning any program, applicants should contact the specific state department of education for requirements and current information regarding teacher certification/licensure.

Students who have been awarded a statement of eligibility by the Florida Department of Education, assume full risk in interpreting the letter of eligibility needs; therefore, NSU recommends that certification-only students discuss anticipated course offerings with the Teacher Certification Office of the Florida Department of Education, and/or the local school district certification office before registering for any courses.

The following information is provided in compliance with recent United States Department of Education regulations. Students enrolled in online programs and residing in states other than Florida should visit nova.edu/academics/distance-education.html for state-specific distance education disclosures and the student complaint process.

CERTIFICATION THROUGH COURSE-BY-COURSE ANALYSIS BY THE FLORIDA DEPARTMENT OF EDUCATION

Courses are offered for students who already hold a bachelor's degree in fields other than education and who desire to obtain certification in specific content areas (see programs of study). Before registering for courses, individuals who are not already full-time students and who are seeking courses that may lead to certification can be admitted to NSU as non-degree-seeking students. Certification-only students assume full risk in interpreting the letter of eligibility needs. NSU recommends that certification-only students discuss anticipated course offerings with the Teacher Certification Office of the Florida Department of Education, or the local school district certification officer, before registering for any courses.

The Florida Department of Education address:

Florida DOE Bureau of Educator Certification
Turlington Building, Suite 201
325 West Gaines Street
Tallahassee, Florida 32399-0400
Website: www.fldoe.org/edcert
Email: EdCert@fldoe.org

Phone Services:
U.S. Domestic: 800-445-6739
Outside U.S.: 850-245-5049

Professional Licensure

The Department of Education Undergraduate Education Programs are licensed by the Florida Department of Education. The requirements for educator and administrator certification, licensure, or endorsement differ from state to state. Some states do not grant initial certification/licensure unless transcripts are endorsed as having met that state's approved program requirements. The Fischler College of Education and School of Criminal Justice (FCE&SCJ) defines a Professional Licensure Program as an academic program designed, marketed, and/or advertised to fulfill the educational prerequisites for a particular state license or certificate for employment.

Before beginning any program, prospective students are encouraged to research the requirements in their intended state of residence to ensure that their enrollment in a program will meet the requirements of their state's licensing agency. Information to assist you in identifying the appropriate state licensing/certification entity is provided at <https://www2.ed.gov/about/contacts/state/>.

PROFESSIONAL LICENSURE DISCLOSURES

B.S. in Elementary Education—ESOL/Reading Endorsements: <https://education.nova.edu/fischleracademy/bs-elem-professional-licensure-disclosure.pdf>

B.S. in Exceptional Student Education—ESOL Endorsement: <https://education.nova.edu/fischleracademy/bs-ese-esol-disclosure.pdf>

B.S. in Secondary Biology: <https://education.nova.edu/fischleracademy/bs-sec-biology-professional-licensure-disclosure.pdf>

B.S. in Secondary English Education—ESOL/Reading Endorsements: <https://education.nova.edu/fischleracademy/bs-sec-english-esol-reading-professional-licensure-disclosure.pdf>

B.S. in Secondary Math Education: <https://education.nova.edu/fischleracademy/bs-sec-math-professional-licensure-disclosure.pdf>

B.S. in Secondary Social Studies: <https://education.nova.edu/fischleracademy/bs-sec-social-professional-licensure-disclosure.pdf>

Note: Professional licensure programs are referenced in the subsequent sections as “state-approved” or “FL state-approved programs.”

Requirements

MATRICULATION REQUIREMENTS

Each semester, the Department of Education Undergraduate Education Program office reviews the academic transcripts of all students enrolled in a state-approved teacher education major. Students are required to apply for admission into the teacher education majors. This will include students who have already been admitted at the university level. It is the student's responsibility to work with their academic advisor to meet the matriculation requirements. Upon meeting the conditions of matriculation into the Department of Education Undergraduate Education Programs, students will be declared teacher candidates. Students who do not meet the admission/matriculation requirements will be unable to register for teacher education courses until the matriculation requirements are met.

1. Students must comply with the admission requirements established by the Nova Southeastern University Office of Undergraduate's Admissions.
2. Students must earn a grade of C or better in the following General Education courses or their equivalents: COMP 1500, COMP 2000, MATH 1040, and MATH 1050 or MATH 1200 for Secondary Mathematics majors.
3. Students must earn a cumulative GPA of 3.0 or higher.
4. All students must submit documentation that the testing requirement (General Knowledge Test [GKT]) has been met before registration of education courses in the teacher candidate's junior year.
5. Students may be required to successfully complete a one-page essay related to teacher dispositions as part of the matriculation process.
6. All teacher candidates who wish to enter a Pre-K-12 classroom are required to obtain a security clearance (fingerprint/background check) from their respective school district. Obtaining and maintaining security clearance is the teacher candidate's professional responsibility. Security clearance should be obtained as required by the local school district. Security clearance obtained through private sectors will not be allowed as proof of clearance. Directions for obtaining security clearance can be found on the Office of Placement Services Website at <https://education.nova.edu/students/resources/placement-support.html>.

TESTING REQUIREMENTS

Florida

Passing the General Knowledge Test (GKT) is a requirement for admission into any state-approved teacher education program. The appropriate GKT sections are Reading, English Language Skills, Mathematics, and Essay. The Fischler College of Education and School of Criminal Justice Department of Education Undergraduate Education Programs offer state-approved teacher education programs; therefore, the testing requirements apply. Florida teacher candidates are also required to pass the Professional Education Test and the Subject Area Examination subtests of the Florida Teacher Certification Examinations (FTCE) in order to begin the clinical practice

(internship). It is the teacher candidate's responsibility to register and pass all of the Florida Teacher Certification Examinations which include the GKT, Professional Education Test, and the Subject Area Examination to complete program requirements. Florida Teacher Certification Examination (FTCE) test scores (General Knowledge Test, Professional Education Test, and Subject Area Examination) remain valid for 10 years after the date of which they were passed. Teacher candidates who have FTCE test scores older than 10 years must retake the test prior to beginning their clinical practice (internship). Students are responsible for designating Nova Southeastern University as a recipient of the score report. Official score reports must be submitted directly from the testing center to the Nova Southeastern University Abraham S. Fischler College of Education and School of Criminal Justice prior to degree conferral and commencement participation. Unofficial score reports submitted by students will not be accepted. Students are recommended to consult with their academic advisor and the Program's Office of Placement Services regarding current testing requirements.

Prior to Clinical Practice (Internship)

Florida teacher candidates must pass the GKT, Professional Education Test, and Subject Area Examination to be accepted into the clinical practice (internship). It is recommended that the Professional Education Test be taken upon completion of all courses with an EDUC prefix. In addition to passing the GKT, Subject Area Examination and Professional Education Test, acceptance into the clinical practice (internship) is dependent on skill level mastery as evidenced by the completion of the key assessments/critical tasks (please see the "Assessment System" below for more information).

ASSESSMENT SYSTEM

The requirements of the Florida state-approved teacher education programs provide learning opportunities for teacher candidates to acquire and document mastery of teacher education standards including but not limited to the Interstate Teacher and Support Consortium (InTASC) Standards, Florida Educator Accomplished Practices (FEAPs), and Council for the Accreditation of Educator Preparation (CAEP) standards. Mastery of the standards prepares teacher candidates for entry into the profession and to be successful educators in their future classrooms. The courses within the various majors have been designed to facilitate teacher candidates' attainment of the standards, and candidates document their attainment by the completion of key assessments/critical tasks.

As teacher candidates complete the key assessments/critical tasks in their coursework, their performance is graded using a rubric that identifies the criteria and gradations of quality for the assessments/tasks. At the completion of the course, the course instructor records the grades on the key assessments/critical tasks in Via (aka LiveText) provided by Watermark, which is the online Teacher Preparation Program Assessment System. Teacher candidates who fail to meet or exceed the standards set for the key assessments/critical tasks must remediate their skill acquisition in order to achieve mastery of the standards. Remediation occurs at the course level with the instructor, and the teacher candidate subsequently revises the key assessments/critical tasks no later than one term after the completion of the course. The teacher candidate resubmits the key assessments/critical tasks for re-grading by the instructor who, in turn, updates the information in Via (aka LiveText) provided by Watermark. Successful remediation of key assessments/critical tasks changes the grade in Via (aka LiveText) provided by Watermark to "meets" or "exceeds" but does not change the course grade.

Teacher candidates' progress through the program is monitored by full-time faculty using the Via (aka LiveText) provided by Watermark system. Teacher candidates must complete and upload the required key assessment artifacts/critical tasks to Via (aka LiveText) provided by Watermark and their progress is monitored at two checkpoints by the Office of Placement Services. The first checkpoint occurs when the teacher candidate applies for entrance into the clinical practice (internship). The teacher candidate must successfully attain standards prior to the clinical practice (internship) to qualify for the clinical practice (internship). The second checkpoint occurs when the teacher candidate applies for degree conferral. The teacher candidate must successfully attain standards during or prior to the clinical practice (internship) to qualify for degree conferral. The teacher candidate must submit the reports to the Office of Placement Services for review. Failure to pass the checkpoints prevents progression to the clinical practice (internship) and/or degree conferral.

DEGREE COMPLETION REQUIREMENTS

Teacher candidates graduating from a Florida state-approved teacher education program must pass all parts of the Florida Teacher Certification Examination (FTCE) as noted in the previous Testing Requirements section. Official scores for the various sections of the FTCE must be submitted prior to the anticipated graduation date to ensure degree conferral.

In addition to passing examination scores, evidence of skill acquisition/mastery of the required teacher education standards must be reflected in the key assessments/critical tasks grades in Via (aka LiveText) provided by Watermark as "meets" or "exceeds" standards as described in the Assessment System section.

Teacher candidates and Fischler Academy students are required to maintain a 3.0 grade point average or higher to qualify for degree conferral.

SECURITY CLEARANCE

The Florida Department of Education requires candidates to pass a background security clearance and provide fingerprints prior to field placements, practicums, internships, receiving certification, an endorsement, or employment. Students must have a Social Security number for this level of security clearance.

For additional information, candidates are encouraged to review the Florida Statutes, which can be found at Statutes & Constitution Florida (<http://www.leg.state.fl.us/Statutes/index.cfm?Tab=statutes&submenu=-1>).

COURSE LOAD POLICY

Students/teacher candidates enrolled in the Department of Education Undergraduate Education Programs at NSU are considered full-time if they are registered and complete 12 or more credits (four or more courses) per 16-week semester. Teacher candidates will not be permitted to take more than 18 credits during a 16-week semester. Fischler Academy students may register for up to 21 credits during a 16-week semester (must be previously approved with the program director).

REGISTRATION REQUIREMENTS

Students in the state-approved bachelor's degree programs who intend to be teacher candidates should meet with their academic advisor to register for the upcoming term. This registration appointment ensures students sufficient time to review curricular requirements regularly with their academic advisor. Courses in the education major must be taken in sequence according to the course prerequisites. All general education courses should be successfully completed prior to taking any education courses.

Students/teacher candidates are encouraged to start the registration process for an upcoming term several months in advance to ensure enough time to meet with their academic advisor and prepare for the first day of the term. Some courses in the education major have a pre-class assignment due during the first-class meeting. Pre-class assignments can be obtained in the course syllabus located at <https://coursewizard.nova.edu/search>. Students/teacher candidates are expected to have prepared properly for the first-class session by having completed the pre-class assignment. Attendance is mandatory for all class sessions. Lack of an appointment time with an academic advisor will neither prevent any late registration holds that may apply, nor will it negate the requirements of the pre-class assignment or attendance in class for the first session.

TEACHER CANDIDATE MEETINGS

The Department of Education Undergraduate Program office requires all teacher candidates to attend the annual Teacher Candidate Conference, which is held at the main campus and/or online. The purpose of these meetings is to keep all teacher candidates informed of undergraduate policies, state department of education updates, the Assessment System process, and field experiences and clinical practice (internship) procedures. In addition, these meetings allow teacher candidates to ask questions of full-time faculty members and representatives from the Office of Placement Services on issues concerning their respective majors.

FIELD EXPERIENCES

Field experiences have long been recognized as a critical component of teacher preparation programs. These experiences enable teacher candidates to apply theory and effective practices in actual classrooms and acquire competencies necessary for successful teaching.

Nova Southeastern University is committed to providing quality field experiences for all students/teacher candidates majoring in education as an integral part of teacher candidate training. Underlying this commitment is the philosophy that field experiences provide a vital link between educational theory and practice. When a transfer of learning occurs from the university classroom to a real-life setting, the connection significantly contributes to the professional development of the teacher candidate. Consequently, all

participants are enriched by these experiences. All field experiences are conducted in PK-12 classrooms under the leadership of a cooperating teacher with clinical educator training and with a minimum of three years successful training experience.

The Florida Department of Education requires that all students majoring in a state-approved teacher education program participate in a variety of field experiences. Field experiences must begin early in the program and culminate with the clinical practice (internship). During these experiences, students should be given the opportunity to demonstrate their understanding of the CAEP standards, InTASC Principles, Florida Educator Accomplished Practices, and Subject Area Competencies and Skills. Students will be provided with guidance and feedback in the field experience setting.

Education courses in Nova Southeastern University's Department of Education Undergraduate Education Programs curriculum will require multiple field experience components. The field experiences vary depending on the competencies and course requirements. A supervised field experience occurs in a designated course specific to each major. If it is determined by the university supervisor that remediation is needed as a result of the supervised field experience, follow-up supervision will take place in subsequent courses. All field experiences must be coordinated and approved through the Office of Placement Services. Teacher candidates should request their field placement at the time of registration for each of the field experience courses (EDUC 2505, EDUC/ELEM/ESED 3505, and EDUC 4505). It is the responsibility of the teacher candidate to provide their own transportation to assigned schools. All questions about the field experience should be directed to the Office of Placement Services at (954) 262-5364 or (800) 986-3223 ext. 25364.

CLINICAL PRACTICE (INTERNSHIP)

Clinical practice (internship) is the final course of the NSU Department of Education Undergraduate Education Programs. This 12-week course includes seminar meetings and 12 weeks of teaching in school. Teacher candidates will be placed at a school site by the internship coordinator in collaboration with school district placement specialists. Teacher candidates will gradually assume full responsibility for teaching the class to which they are assigned. The clinical practice (internship) is offered each academic year in the fall and winter semesters and must be completed as part of the NSU program. Since it is the final course for the degree, it cannot be transferred from another institution, nor can experience be substituted to satisfy this requirement. The Florida Board of Education's Administrative Rule 6A-4.02 does not permit full-time administrative or teaching experience to be a substitution for the internship for purposes of initial certification.

Students must earn a B or higher in the seminar and pass the clinical practice (internship) for program completion.

Internship Application

It is the teacher candidate's responsibility to complete and submit the internship application before the deadline. Students can fill out the internship application online at education.nova.edu/students/current-students/gtep/office-of-placement-services.html (select Internship Application button on left panel).

Fall semester deadline—February 1

Winter semester deadline—August 1

After the application is received, the applicant's file is reviewed for completion of all requirements. Teacher candidates will receive a copy of a completed letter of eligibility with an internship audit indicating their internship status (conditionally approved or denied). Once all internship requirements are fulfilled, teacher candidates must attend the mandatory Internship Orientation Meeting. Teacher candidates who fail to attend the Internship Orientation Meeting will be ineligible to enter the internship.

If a teacher candidate does not meet the entrance requirements listed below, the internship application will be denied until all requirements are met.

Internship Qualifications

Teacher candidates are considered eligible for the internship if they have met the following criteria:

- Completion of appropriate credits (including all general education requirements, all program requirements, and all courses required for the major, except the internship).
- A minimum overall GPA of 3.0.
- Passing score on the General Knowledge Test (GKT), Subject Area Examination (SAE), and Professional Education Test.
- Completion of the key assessments with a passing grade of B- or higher in coursework.

Teacher candidates should refer to the *Internship Handbook* for a complete explanation of policies and procedures covering the internship program. All questions about the internship program should be directed to the Office of Placement Services at (954) 262-5364 or 800-986-3223, ext. 25364.

DRESS CODE—FIELD EXPERIENCES AND CLINICAL PRACTICE (INTERNSHIP)

All teacher candidates completing field experience and clinical practice (internship) are expected to abide by the dress code that is in place at the school/school district in which they are placed. Teacher candidates must dress professionally and appropriately for the college setting and/or any school related specific activity. Clothing that is in any way controversial, provocative, and/or revealing may not be worn. Teacher candidates are expected to follow good grooming habits and long hair should be worn in a manner where it will not impede the PK–12 classroom students’ view of the teacher candidate’s face and mouth. If poor judgment is exercised in the manner of dress or grooming, the teacher candidate may be asked to leave campus by the University administrator, cooperating teacher, or university supervisor until such time that the situation has been remedied.

Majors

CHILD DEVELOPMENT MAJOR

The Bachelor of Science in Child Development prepares students with a working knowledge of typical and atypical development from birth through adolescence, and an understanding of the influence of familial, cultural, socioeconomic, and other factors on developmental progression and child and adolescent well-being. Emphasis is placed on the application of evidence-based practices to support child health and safety, and to promote positive developmental, educational, and psychological outcomes. This program is designed to meet the needs of students interested in working with children in a human services or child care and education program setting once they graduate and/or would like to pursue graduate studies in fields including but not limited to, developmental disabilities, child protection, child advocacy, education, and counseling/psychology.

In the Child Development major, students can pursue a focused area of study by selecting a concentration in Early Child Development, Leadership and Administration, Child Life, or Curriculum and Instruction. Students completing courses in the Early Child Development concentration will have met the required coursework to satisfy the training component necessary to apply for the Child Development Associate Credential. Students completing the Leadership and Administration coursework are prepared to lead in a childcare setting and will have satisfied the requirements for the Florida Director Credential. Students completing the Child Life concentration may satisfy the course requirements set forth by the Association of Child Life Professionals (ACLP). The Child Life concentration does not directly lead to the Certified Child Life Specialist (CCLS) certification upon graduation. Students intending to pursue the CCLS certification will need to satisfy the internship requirements set forth by the ACLP before receiving eligibility to take the child life certification exam. Students completing courses in the Curriculum and Instruction concentration may pursue an alternative pathway to professional certification. Graduates seeking teacher certification must meet all Florida Department of Education certification requirements to qualify for a Professional Florida Educator’s Certificate.

Child Development Major Curriculum

General Education Requirements (30 credits)

Students are required to complete 30 credit hours as part of the General Education Program. For specific course requirements, refer to the “General Education Program” section on page 94 of this catalog.

Child Development Major (39 credits)

Core Courses (39 credits)

| | |
|-----------|--|
| ECDP 3321 | Infant and Toddler Development (3 credits) |
| ECDP 3334 | Preschool, Primary, and Middle Childhood Development (3 credits) |
| EECP 3351 | Adolescent Development (3 credits) |
| ECDP 3341 | Child and Adolescent Mental Health (3 credits) |
| ECDP 3338 | Cultural and Social Issues in Child Development (3 credits) |
| EECP 4330 | Promoting Child Health and Safety (3 credits) |

| | |
|-----------|---|
| ECDP 4423 | Child Abuse and Neglect (3 credits) |
| EDEC 2405 | Supporting Children & Adolescents with Special Needs (3 credits) |
| ECA 0218 | Child Observation & Assessment for Decision Making (3 credits) |
| EDEC 4320 | Cultural Perspectives in Working with Children and Families (3 credits) |
| ECDP 3345 | Parenting Theory and Practice (3 credits) |
| ECDP 4518 | Family Systems (3 credits) |
| ECDP 4990 | Advanced Senior Year Seminar (3 credits) |

Concentrations (15 credits)

Students may choose to select one of the following concentrations to meet the 15-credit concentration requirement:

Leadership and Administration (15 credits)

| | |
|-----------|---|
| ECA 0270 | Administration of Child Care and Education Program (3 credits) |
| ECA 2273 | Child Care Administration: Organizational Leadership and Management (3 credits) |
| ECA 0275 | Early Childhood Administration: Financial and Legal Issues (3 credits) |
| ECA 0278 | Curricular Programming in Early Childhood Centers (3 credits) |
| EDEC 3420 | Families of Children with Special Needs: Challenges and Opportunities (3 credits) |

Early Child Development (15 credits)

| | |
|----------|---|
| ECA 0203 | Foundations of Early Care and Education (3 credits) |
| ECA 0101 | Introduction to Early Childhood Education: Professionalism, Safety, Health, and Learning Environment (3 credits) |
| ECA 0112 | Introduction to Early Childhood Education: Physical, Cognitive, Communication, and Creative Development (3 credits) |
| ECA 0114 | Introduction to Early Childhood Education: Families, Schools and Communities (CDA III) (3 credits) |
| ECA 0267 | Literacy Development in Multilingual Communities (3 credits) |

Child Life (15 credits)*

| | |
|-----------|--|
| ECDP 3510 | Foundations in Child Life and Family Centered Care (3 credits) |
| ECDP 4367 | Play and Children Curricular Applications (3 credits) |
| ECDP 4510 | Research Methods and Program Evaluation (3 credits) |
| HS 3300 | Ethical and Professional Issues in Human Services (3 credits) |
| HUMN 4100 | Death and Dying (3 credits) |
| ECDP 4525 | Child Life Internship (Elective) (3 credits) |
| ECDP 4520 | Child Life Practicum (Elective) (3 credits) |

*Students seeking CLS certification must complete a minimum of five courses (15 credit hours) to a maximum of seven courses (21 credit hours) in the Child Life concentration.

Curriculum and Instruction (15 credits)**

| | |
|-----------|--|
| EDUC 2010 | Foundations of Education (3 credits) |
| ESOL 3340 | Survey of TESOL for Teachers (3 credits) |
| EDUC 3360 | Educational Psychology (3 credits) |
| EDUC 3525 | Practices of Instruction (3 credits) |
| EDUC 3535 | Educational Assessment (3 credits) |

**All Fischler Academy students are required to complete the Curriculum and Instruction concentration.

EDUCATION MAJOR

The Bachelor of Science in Education is an undergraduate major, which features courses that give students a comprehensive understanding of the foundations of our education system, research-based instructional practices, and strategies designed to enhance their ability to connect with people from different populations. Through this program of study, students will be prepared to work in educational and governmental agencies, non-governmental organizations, and other out-of-school educational spaces. The Bachelor of Science in Education provides students with the skills needed to thrive in any professional environment and the flexibility required in order for them to pursue an additional major in an approved content area.

The Bachelor of Science in Education features concentrations in Computer Science Education and Teaching and Learning.

General Education Requirements (30 credits) or Computer Science (CS) Concentration* (31 credits)

Students are required to complete 30 or 31 (CS Concentration) credit hours as part of the General Education Program. For specific course requirements, refer to the "General Education Program" section on page 94 of this catalog.

Education Major

Core Courses (39 credits)

| | |
|-----------|---|
| ECDP 3334 | Preschool, Primary, and Middle Childhood Development (3 credits) |
| EDUC 2010 | Foundations of Education (3 credits) |
| ESOL 2903 | Cross-Cultural Studies (3 credits) |
| ESOL 3340 | Survey of TESOL for Teachers (3 credits) |
| EDUC 3350 | Survey of Exceptional Student Education (3 credits) |
| EDUC 3525 | Practices of Instruction (3 credits) |
| EDUC 3535 | Educational Assessment (3 credits) |
| EDUC 4010 | Foundations of Curriculum Development (3 credits) |
| EDUC 3360 | Educational Psychology <u>OR</u> CS Concentration* requires SECE 4560 Methods of Teaching Secondary Reading (3 credits) |

Select any SECE or ELEM or ESED prefix course or CS Concentration* requires SECE 4380 Methods of Teaching Computer Science (3 credits)

EECP 3351 Adolescent Development (3 credits)

EDUC 4510 Pluralism and Ethics (3 credits)

Select any SECE or ELEM or ESED prefix course (3 credits)

Concentrations

Students may choose to select one of the following concentrations to replace open electives.

Computer Science Education (K-12) (44 credits)

* General Education and Core Course requirements are slightly different from the Education Major requirements as noted above.

| | |
|-----------|---|
| CSIS 1800 | Introduction to Computer and Information Sciences (3 credits) |
| CSIS 2101 | Fundamentals of Computer Programming (4 credits) |
| CSIS 2050 | Discrete Mathematics (4 credits) |
| CSIS 3500 | Networks and Data Communication (3 credits) |
| CSIS 4530 | Database Management (3 credits) |
| CSIS 3101 | Advanced Computer Programming (4 credits) |
| CSIS 3400 | Data Structures (4 credits) |
| CSIS 3020 | Web Programming and Design (3 credits) |
| CSIS 4020 | Mobile Computing (3 credits) |
| CSIS 3750 | Software Engineering (4 credits) |
| CSIS 4311 | Web Services and Systems (3 credits) |
| CSIS 4010 | Computer Security (3 credits) |
| TECH 4950 | Internship in Technology <u>OR</u> TECH 4900 Directed Project (3 credits) |

Teaching and Learning (24 credits)

EDUC 3515 Teaching and Learning Practicum (3 credits)

Any SECE, ELEM, or ESED prefix methods course in a content area (6 credits)

SECE 4320 Secondary Classroom Management OR EDUC 4322 Foundations of Classroom Management (3 credits)

SECE 4560 Methods of Teaching Secondary Reading OR ELEM 4560 Methods of Teaching Reading Across the Elementary Curriculum (3 credits)

EDUC 4515 Pre-professional Internship (9 credits)

ELEMENTARY EDUCATION—ESOL/READING ENDORSEMENTS

(FLORIDA STATE-APPROVED) MAJOR

The Bachelor of Science in Elementary Education—ESOL/Reading Endorsements focuses on developing teacher leaders who are equipped with the skills to promote equity, cultural awareness, and social responsibility in dynamic educational settings. This major provides future educators with a foundation in current state and federal legislation and the impact that it has on teaching in the 21st Century classroom. Future educators will acquire content expertise in teaching: reading, mathematics, writing, social studies, science, art, music, and physical education in grades K-6. ESOL courses are also an integral component in the major. Course content is research-based, demonstrating current practices in the field of education. Additionally, the course content emphasizes active learning and experiential learning strategies and the effective use of technology in the classroom.

Elementary Education Learning Outcomes

The following describes the overall learning outcomes for students in Elementary Education—ESOL/Reading Endorsements:

1. Apply principles of differentiated instruction to ensure equitable treatment for all elementary classroom learners.
2. Integrate current technology tools in the elementary classroom curriculum.
3. Utilize content knowledge in the elementary classroom.
4. Apply state and federal legislation and standards to professional practice.
5. Create lesson plans to address the needs of elementary school students.
6. Synthesize current research in Elementary Education to inform and reflect on the professional practice.

Elementary Education—ESOL/Reading Endorsements (Florida State-Approved) Curriculum

General Education Requirements (30 credits)

Students are required to complete 30 credit hours as part of the General Education Program. For specific course requirements, refer to the “General Education Program” section on page 94 of this catalog.

Elementary Education—ESOL/Reading Endorsements Major Requirements (Florida) (81 credits)

Teacher candidates in the state-approved teacher education program in the Elementary Education—ESOL/Reading Endorsements major must also keep track of field experiences within the courses. A supervised field experience occurs in ELEM 4815.

| | |
|-----------|--|
| EDUC 2010 | Foundations of Education (3 credits) |
| ESOL 2903 | Cross-Cultural Studies (3 credits) |
| ESOL 3340 | Survey of TESOL for Teachers (3 credits) |
| EDUC 3350 | Survey of Exceptional Student Education (3 credits) |
| EDUC 3360 | Educational Psychology (3 credits) |
| EDUC 3525 | Practices of Instruction (3 credits) |
| ELEM 3530 | Methods of Teaching Social Studies in the Elementary School (3 credits) |
| EDUC 4010 | Foundations of Curriculum Development (3 credits) |
| ELEM 3810 | Assessing and Teaching Literacy in the Elementary School (3 credits) |
| ELEM 4535 | Inquiry Approaches to STEM Education in the Elementary Classroom (3 credits) |
| EDUC 3535 | Educational Assessment (3 credits) |
| ELEM 3550 | Methods of Teaching Science in the Elementary School (3 credits) |
| ELEM 4340 | Methods of Teaching Language Arts in the Elementary School (3 credits) |
| ELEM 4350 | Methods of Teaching Mathematics in the Elementary School (3 credits) |
| ELEM 4560 | Methods of Teaching Reading Across the Elementary Curriculum (3 credits) |
| ESOL 4565 | Second Language Learning (3 credits) |
| ELEM 4810 | Integrating PE and Health Education in the Elementary School (3 credits) |
| ELEM 4815 | Integrating Art and Music Education Across the Curriculum (3 credits) |
| EDUC 4510 | Pluralism and Ethics (3 credits) |
| EDUC 4322 | Foundations of Classroom Management (3 credits) |
| EDUC 2505 | Practicum I (3 credits) |
| ELEM 3505 | Practicum II (3 credits) |
| EDUC 4505 | Advanced Practicum (3 credits) |
| ELEM 4570 | Elementary Education Internship (12 credits) |

EXCEPTIONAL STUDENT EDUCATION—ESOL ENDORSEMENT

(FLORIDA STATE-APPROVED) MAJOR

The Bachelor of Science in Exceptional Student Education is a state-approved initial certification program in Florida that focuses on preparing teacher candidates to enter the classroom, while emphasizing the teaching of students with multiple disabilities both within the inclusive classroom and/or in special educational settings. This major provides future educators with a foundation in the history of special education including current state and federal legislation, as well as preparation in classroom management, and methods of teaching reading, mathematics, and life skills to special needs students. Course content is research based and infuses best practices in education and strategies for teaching English as a second language (ESOL). The program aligns directly with the Florida Department of Education's certification requirements for exceptional student education (grades K–12) and endorsement requirements for ESOL.

Exceptional Student Education Learning Outcomes

The following describes the overall learning outcomes for students in Exceptional Student Education—ESOL Endorsements:

1. Apply state and federal legislation and standards to their professional practice.
2. Create lesson plans to address the needs of all students.
3. Apply the codes of professional ethics to ensure equitable treatment for all learners.
4. Integrate current technology tools in the classroom for students with exceptionalities.
5. Synthesize current research in Exceptional Student Education to inform and reflect on the professional practice.

Exceptional Student Education—ESOL Endorsement (Florida State-Approved) Curriculum

General Education Requirements (30 credits)

Students are required to complete 30 credit hours as part of the General Education Program. For specific course requirements, refer to the "General Education Program" section on page 94 of this catalog.

Exceptional Student Education—ESOL Endorsements Major Requirements—Florida (81 credits)

Teacher candidates in the state-approved program in the exceptional student education major must also keep track of field experiences within the courses. A supervised field experience occurs in ESED 4550.

| | |
|-----------|---|
| EDUC 2010 | Foundations of Education (3 credits) |
| ESOL 2903 | Cross-Cultural Studies (3 credits) |
| ESOL 3340 | Survey of TESOL for Teachers (3 credits) |
| EDUC 3350 | Survey of Exceptional Student Education (3 credits) |
| EDUC 3360 | Educational Psychology (3 credits) |
| EDUC 3525 | Practices of Instruction (3 credits) |
| EDUC 3535 | Educational Assessment (3 credits) |
| ESED 3540 | Introduction to Language and Speech Disabilities (3 credits) |
| ESED 3561 | Families, Professionals and Exceptionality (3 credits) |
| ESED 3570 | Foundations of Learning Disabilities (3 credits) |
| EDUC 4322 | Foundations of Classroom Management (3 credits) |
| EDUC 4010 | Foundations of Curriculum Development (3 credits) |
| ELEM 3810 | Assessing and Teaching Literacy in the Elementary School (3 credits) |
| ELEM 4350 | Methods of Teaching Mathematics in the Elementary School (3 credits) |
| ESED 4530 | Classroom Procedures for the Intellectually and Developmentally Delayed (3 credits) |
| ESED 4550 | Methods and Materials for Teaching Learners with Specific Learning Disabilities (SLD) (3 credits) |
| ELEM 4340 | Methods of Teaching Language Arts in the Elementary School (3 credits) |
| EDUC 4510 | Pluralism and Ethics (3 credits) |
| ELEM 4560 | Methods of Teaching Reading Across the Elementary Curriculum (3 credits) |
| ESOL 4565 | Second Language Learning (3 credits) |
| EDUC 2505 | Practicum I (3 credits) |
| ESED 3505 | Practicum II (3 credits) |
| EDUC 4505 | Advanced Practicum (3 credits) |
| ESED 4570 | Exceptional Student Education Internship (12 credits) |

SECONDARY BIOLOGY EDUCATION (FLORIDA STATE-APPROVED) MAJOR

The Bachelor of Science in Secondary Biology Education focuses on developing teacher leaders who are equipped with the skills to promote equity, cultural awareness, and social responsibility in dynamic educational settings. The major provides a comprehensive set of methods courses specifically designed for biology instruction and a specialty component that includes a variety of science courses that comprise the content of secondary biological sciences. The courses are based on the Florida Standards and the current state-wide assessment in the sciences (grades 6–12). Biology certification is a specialty certification that allows teachers to provide instruction at the middle school level as well as many biological and environmental courses at the high school level.

Secondary Biology Education—(Florida State-Approved) Curriculum

General Education Requirements (30 credits)

Students are required to complete 30 credit hours as part of the General Education Program. For specific course requirements, refer to the “General Education Program” section on page 94 of this catalog.

Secondary Biology Education Major Requirements (94 credits)

Teacher candidates in the state-approved teacher education program in the AP secondary biology education major (grades 6–12) must also keep track of field experiences within the courses. A supervised field experience occurs in SECE 3560.

| | |
|-----------|--|
| ESOL 2903 | Cross-Cultural Studies (3 credits) |
| ESOL 3340 | Survey of TESOL for Teachers (3 credits) |
| EDUC 3350 | Survey of Exceptional Student Education (3 credits) |
| EDUC 3525 | Practices of Instruction (3 credits) |
| EDUC 3535 | Educational Assessment (3 credits) |
| EDUC 2010 | Foundations of Education (3 credits) |
| SECE 3560 | Methods of Teaching Biology in the Secondary Classroom (3 credits) |
| SECE 4320 | Secondary Classroom Management (3 credits) |
| SECE 4550 | Teaching Inquiry Science in Secondary Schools (3 credits) |
| SECE 4560 | Methods of Teaching Secondary Reading (3 credits) |
| EDUC 4010 | Foundations of Curriculum Development (3 credits) |
| ESOL 4565 | Second Language Learning (3 credits) |
| EDUC 4510 | Pluralism and Ethics (3 credits) |
| EDUC 2505 | Practicum I (3 credits) |
| EDUC 3505 | Practicum II (3 credits) |
| EDUC 4505 | Advanced Practicum (3 credits) |
| SEBI 4570 | Secondary Biology Education Internship (12 credits) |

Biology Specialty Courses

| | |
|-----------|--|
| BIOL 1040 | Environmental Studies (3 credits) |
| BIOL 1070 | Basics of Human Heredity (3 credits) |
| BIOL 2400 | Applied Microbiology (3 credits) |
| BIOL 1500 | Biology I/Lab (4 credits) |
| BIOL 1510 | Biology II/Lab (4 credits) |
| BIOL 3200 | General Ecology/Lab (4 credits) |
| BIOL 3320 | Anatomy and Physiology I/Lab (4 credits) |
| CHEM 1100 | Fundamentals of Chemistry (3 credits) |
| MATH 2020 | Applied Statistics (3 credits) |
| PHYS 1020 | Concepts in Physical Science (3 credits) |

SECONDARY ENGLISH EDUCATION—ESOL/READING ENDORSEMENTS (FLORIDA STATE-APPROVED) MAJOR

The Bachelor of Science in Secondary English Education—ESOL/Reading Endorsements focuses on developing teacher leaders who are equipped with the skills to promote equity, cultural awareness, and social responsibility in dynamic educational settings. The major provides a comprehensive set of pedagogical courses specifically designed for English instruction and assessment and a specialty

component that includes a variety of English, literature, and speech communication courses that comprise the content of the AP secondary English education major. The courses are based on the Florida Standards and the current state-wide assessment in English (grades 6–12). Course content is research-based and infuses best practices in education and strategies for teaching English as a second language (ESOL).

Secondary English Education—ESOL/Reading Endorsements (Florida State-Approved) Curriculum

General Education Requirements (30 credits)

Students are required to complete 30 credit hours as part of the General Education Program. For specific course requirements, refer to the “General Education Program” section on page 94 of this catalog.

Secondary English Education Major—ESOL/Reading Endorsements Requirements (93 credits)

Teacher candidates in the state-approved teacher education program in the AP Secondary English Education-ESOL/Reading Endorsements major (grades 6–12) must also keep track of field experiences within the courses. A supervised field experience occurs in SECE 4370.

| | |
|-----------|---|
| ESOL 2903 | Cross-Cultural Studies (3 credits) |
| ESOL 3340 | Survey of TESOL for Teachers (3 credits) |
| EDUC 3350 | Survey of Exceptional Student Education (3 credits) |
| EDUC 3525 | Practices of Instruction (3 credits) |
| EDUC 3535 | Educational Assessment (3 credits) |
| EDUC 2010 | Foundations of Education (3 credits) |
| SECE 4320 | Secondary Classroom Management (3 credits) |
| SECE 4370 | Methods of Teaching Secondary English (3 credits) |
| SECE 4560 | Methods of Teaching Secondary Reading (3 credits) |
| EDUC 4010 | Foundations of Curriculum Development (3 credits) |
| SECE 3210 | Creative Writing Workshop (3 credits) |
| ESOL 4565 | Second Language Learning (3 credits) |
| EDUC 4510 | Pluralism and Ethics (3 credits) |
| EDUC 2505 | Practicum I (3 credits) |
| EDUC 3505 | Practicum II (3 credits) |
| EDUC 4505 | Advanced Practicum (3 credits) |
| SEEN 4570 | Secondary English Education Internship (12 credits) |

English Specialty Courses

| | |
|-----------|---|
| SPCH 1010 | Public Speaking (3 credits) |
| LITR 2010 | British Literature I (3 credits) |
| LITR 2011 | British Literature II (3 credits) |
| LITR 2020 | American Literature I <u>OR</u> LITR 2020H American Literature I Honors (3 credits) |
| LITR 2021 | American Literature II <u>OR</u> LITR 2021H American Literature II Honors (3 credits) |
| LITR 2030 | World Literature I <u>OR</u> LITR 2030H World Literature I Honors (3 credits) |
| LITR 2031 | World Literature II <u>OR</u> LITR 2031H World Literature II Honors (3 credits) |
| LITR 3040 | Women in Literature (3 credits) |
| LITR 3660 | Young Adult Literature (3 credits) |
| LITR 4050 | Literary Criticism and Theory (3 credits) |
| WRIT 2400 | Style and Grammar (3 credits) |

SECONDARY MATH EDUCATION (FLORIDA STATE-APPROVED) MAJOR

The Bachelor of Science in Secondary Math Education focuses on developing teacher leaders who are equipped with the skills to improve equity, cultural awareness, and social responsibility in dynamic educational settings. The major provides a comprehensive set of methods courses specifically designed for Mathematics instruction and assessment and a specialty component with a variety of mathematics courses that comprise the content of secondary mathematics. The courses emphasize curriculum development, instruction, and assessment in subject areas such as geometry, algebra, and calculus as well as strategies for developing problem solving skills in students. The courses are based on the Florida Standards and the current state-wide assessment in mathematics (grades 6–12).

Secondary Math Education (Florida State-Approved) Curriculum

General Education Requirements (30 credits)

Students are required to complete 30 credit hours as part of the General Education Program. For specific course requirements, refer to the “General Education Program” section on page 94 of this catalog.

Secondary Math Education Major Requirements (84 credits)

Teacher candidates in the state-approved teacher education program in the secondary math education major (grades 6–12) must also keep track of field experiences within the courses. A supervised field experience occurs in SECE 4350.

| | |
|-----------|--|
| ESOL 2903 | Cross-Cultural Studies (3 credits) |
| CSIS 2050 | Discrete Mathematics (4 credits) |
| ESOL 3340 | Survey of TESOL for Teachers (3 credits) |
| EDUC 3350 | Survey of Exceptional Student Education (3 credits) |
| EDUC 3525 | Practices of Instruction (3 credits) |
| EDUC 3535 | Educational Assessment (3 credits) |
| EDUC 2010 | Foundations of Education (3 credits) |
| EDUC 4010 | Foundations of Curriculum Development (3 credits) |
| SECE 4320 | Secondary Classroom Management (3 credits) |
| SECE 4560 | Methods of Teaching Secondary Reading (3 credits) |
| SECE 3540 | Methods of Teaching Secondary Mathematics I (3 credits) |
| SECE 4350 | Methods of Teaching Secondary Mathematics II (3 credits) |
| ESOL 4565 | Second Language Learning (3 credits) |
| EDUC 4510 | Pluralism and Ethics (3 credits) |
| EDUC 2505 | Practicum I (3 credits) |
| EDUC 3505 | Practicum II (3 credits) |
| EDUC 4505 | Advanced Practicum (3 credits) |
| SEMA 4570 | Secondary Mathematics Education Internship (12 credits) |

Math Specialty Courses

| | |
|-----------|---|
| MATH 1250 | Trigonometry (3 credits) |
| MATH 2020 | Applied Statistics <i>OR</i> MATH 2020H Applied Statistics Honors (3 credits) |
| MATH 2100 | Calculus I <i>OR</i> MATH 2100H Calculus I Honors (4 credits) |
| MATH 2200 | Calculus II (4 credits) |
| MATH 3300 | Introductory Linear Algebra (3 credits) |
| MATH 3400 | Ordinary Differential Equations (3 credits) |

SECONDARY SOCIAL STUDIES EDUCATION (FLORIDA STATE-APPROVED) MAJOR

The Bachelor of Science in Secondary Social Studies Education focuses on developing teacher leaders who are equipped with the skills to promote equity, cultural awareness, and social responsibility in dynamic educational settings. The major provides a comprehensive set of methods courses specifically designed for social studies instruction and assessment and a specialty component with a variety of content courses within the social sciences that include history, geography, political science, economics and sociology for secondary social studies. The courses are based on the Florida Standards and the current state-wide assessment in Social Studies (grades 6–12). Course content is research-based and infuses best practices in education and strategies for teaching social studies at the middle and high school level (grades 6–12).

Secondary Social Studies Education (Florida State-Approved) Curriculum

General Education Requirements (30 credits)

Students are required to complete 30 credit hours as part of the General Education Program. For specific course requirements, refer to the “General Education Program” section on page 94 of this catalog.

Secondary Social Studies Education Major Requirements (90 credits)

Teacher candidates in the state-approved teacher education program in the secondary social studies education major (grades 6–12) must also keep track of field experiences within the courses. A supervised field experience occurs in SECE 3530.

| | |
|-----------|---|
| ESOL 2903 | Cross-Cultural Studies (3 credits) |
| ESOL 3340 | Survey of TESOL for Teachers (3 credits) |
| EDUC 3350 | Survey of Exceptional Student Education (3 credits) |
| EDUC 3525 | Practices of Instruction (3 credits) |
| EDUC 3535 | Educational Assessment (3 credits) |
| EDUC 2010 | Foundations of Education (3 credits) |
| SECE 3530 | Methods of Teaching Secondary Social Studies (3 credits) |
| SECE 4320 | Secondary Classroom Management (3 credits) |
| SECE 4560 | Methods of Teaching Secondary Reading (3 credits) |
| ESOL 4565 | Second Language Learning (3 credits) |
| EDUC 4010 | Foundations of Curriculum Development (3 credits) |
| SECE 4565 | Teaching Controversial Topics in Social Studies (3 credits) |
| EDUC 4510 | Pluralism and Ethics (3 credits) |
| EDUC 2505 | Practicum I (3 credits) |
| EDUC 3505 | Practicum II (3 credits) |
| EDUC 4505 | Advanced Practicum (3 credits) |
| SESS 4570 | Secondary Social Studies Education Internship (12 credits) |

Social Studies Specialty Courses

| | |
|-----------|--|
| HIST 1050 | The United States: From Settlement to Superpower (3 credits) |
| HIST 1120 | The West: Patricians, Serfs, and Citizens (3 credits) |
| HIST 1170 | The World: From Gatherers to Globalization (3 credits) |
| HIST 2150 | Latin American and Caribbean History (3 credits) |
| HIST 3550 | America Transformed (3 credits) |
| POLS 1200 | Introduction to Political Science (3 credits) |
| GEOG 2050 | Survey of Geography (3 credits) |
| ECN 2025 | Principles of Macroeconomics <u>OR</u> ECN 2025H Principles of Macroeconomics Honors (3 credits) |
| POLS 1010 | American Government and Politics (3 credits) |
| SOCL 1020 | Introduction to Sociology (3 credits) |

Minors

EDUCATION MINOR

There is currently a need for exceptional student education and secondary level teachers. The Department of Education Undergraduate Education Program offers a minor in education that will allow students majoring in English, history, math, life science, or other majors the opportunity to take educational coursework to obtain employment in grade K-12 classrooms. The education minor will give students the strong foundation in teaching towards an alternative certification path to enter the teaching profession.

Students must have a minimum of 30 credits and no more than 90 credits to enroll in the education minor. In addition, the required field experiences for each course must be completed within an area elementary, middle, or high school. Students will be required to complete any security clearance processes required by the local school district.

Education Minor Requirements (15 credits)

All students minoring in education will need to complete the following:

| | |
|-----------|---|
| ESOL 3340 | Survey of TESOL for Teachers (3 credits) |
| EDUC 3350 | Survey of Exceptional Student Education (3 credits) |
| EDUC 3360 | Educational Psychology (3 credits) |
| EDUC 3525 | Practices of Instruction (3 credits) |

All students will choose 3 credits from the following:

| | |
|-----------|---|
| EDUC 4322 | Foundations of Classroom Management (3 credits) |
| SECE 4320 | Secondary Classroom Management (3 credits) |

Army Reserve Officer Training Corps (ROTC)

The Army Reserve Officer Training Corps (ROTC) is a college program that enables students to succeed in their desired career, whether civilian or military. The ROTC program provides ten courses consisting of 26 credits and culminates with the minor in Military Sciences and Leadership. Students who complete all ROTC requirements will receive the Minor in Military Science and Leadership and may be commissioned as Second Lieutenants and serve in the Active Duty Army, Army Reserves, or the Army National Guard.

Enrollment

Enrollment is open to all full-time students. Any student may enroll in MSLR 1000 and 2000 level courses in a participation status. Any student enrolling in the MSLR 3201/2 and MSLR 4301/2 must have the approval of the Department Chairperson.

| | |
|-----------|---|
| MSLR 1001 | Introduction to the Army (2 credits) |
| MSLR 1002 | Foundations of Leadership (2 credits) |
| MSLR 2101 | Individual Leadership Studies (2 credits) |
| MSLR 2102 | Leadership and Teamwork (2 credits) |

Instruction and Training

The freshmen and sophomore students register for Basic Military Science and Leadership Courses. There is no associated military obligation during the first two years of the program. These courses introduce students to leadership skills and concepts. The curriculum involves understanding how to communicate, set goals, how and when to make decisions, enhance physical fitness, how to build and operate in a team, and how to engage in creative problem solving, planning and organization. The curriculum focuses on building character, providing opportunities to apply, practice and experience leadership principles. Courses consist of outdoor/indoor instruction and practical 'hands-on' training on university intramural fields and at various South Florida military training sites.

MILITARY SCIENCE AND LEADERSHIP (ROTC) MINOR

Qualified juniors, seniors, or graduate students may take the Advanced Military Science Courses upon approval from the Director. The Advanced Course provides intense training for students in simulated leadership positions. Students are taught the fundamentals of serving as an Army Officer. They will have numerous opportunities to lead small teams in a variety of challenging leadership situations. The seniors manage the ROTC Corps of Cadets, mentor junior cadets, plan and conduct training, management, and fundraising activities. Advanced courses led to a minor in Military Science and Leadership.

To complete the requirements for this minor, ROTC students must complete (15) course credits, in sequence, as follows:

Army Officer Professional Studies (Educational Core) (15 credits)

| | |
|-----------|--|
| MSLR 3201 | Leadership and Problem Solving (3 credits) |
| MSLR 3202 | Leadership and Ethics (3 credits) |
| MSLR 4301 | The Army Officer (3 credits) |
| MSLR 4302 | Officership and Leadership (3 credits) |
| MSLR 4400 | United States Military History (3 credits) |
| MSLR 4900 | Supervised and/or Independent Student (3 credits)* |

*Provided as needed to complete program requirements.

Hochberg-Miniaci Razor's Edge Premier Programs

EXPERIENTIAL LEADERSHIP MINOR

The Experiential Leadership minor is a curricular and co-curricular program that is designed to provide learning experience inside the classroom as well as outside the classroom through involvement and leadership initiatives throughout campus. The requirements for the minor in Experiential Leadership are only available for students admitted into the Hochberg-Miniaci Razor's Edge Leadership Scholars Program offered by the Office of Student Leadership and Civic Engagement. To complete the requirements for this minor,

students must complete 16 total credits including 7 credits of the required core courses as well as 9 credits of leadership-based electives. Students must earn a grade of B (3.0) or better in each course used to satisfy the Hochberg-Miniaci Razor's Edge Leadership Scholars program.

Mandatory Core Courses (7 credits)

| | |
|-----------|-----------------------------------|
| RAZL 1000 | Self Leadership (1 credit) |
| RAZL 2000 | Connecting with Others (1 credit) |
| RAZL 3030 | Applied Leadership (3 credits) |
| RAZL 3500 | Leading Others (1 credit) |
| RAZL 4000 | Leading Change (1 credit) |

Leadership Elective Requirements:

Participants will select three elective courses in the following fields of study to complete the minor as required. You can choose any three elective courses for a total of 9 credit hours. Multiple elective courses cannot be from the same fields of study and must be in one of the approved fields below. Only elective courses in the approved fields with approved course prefixes will be accepted. A student may choose to complete the elective courses at any time as long as they are completed by the fourth year in the program or graduation, whichever comes first.

Fields of Study and approved Course Prefixes

Accounting: ACT
African Diaspora Studies/ Latin American Cultural Studies: HIST, HUMN, LITR
Anthropology: ANTH
Arts Administration: ARTS
Business: ENT, MGT
Communications/Strategic Communication: COMM, SPCH
Computer Information Systems: CSIS
Criminal Justice: CRJU
Economics: ECN
Education: EDUC, ELEM, ESED, SECE
English/Literature: LITR
Entrepreneurship: ENT
Finance: FIN
Gender Studies: GEST
Graphic Design: ARTS
History: HIST
Human Resource Management: HRM
Human Services Administration: HS
Information Technology: TECH
International Studies: INST, HUMN, LITR, POLS, SPAN
Legal Studies: LGST
Management: MGT
Marketing: MKT
Philosophy: PHIL
Political Science/ Public Administration: PADM, POLS
Psychology: PSYC
Public Health: BPH
Sociology: SOCL
Sports and Recreation Management: SPT
Theatre: THEA

GLOBAL ENGAGEMENT MINOR

The Global Engagement minor is a curricular and co-curricular minor that is designed to provide learning experiences inside the classroom as well as outside the classroom through involvement in global leadership and engagement activities on campus and in their local and global communities. The Global Engagement minor and experiential components are only available to students admitted to the Hochberg-Miniaci Razor's Edge Global Premier Scholarship Program offered by the Office of International Affairs. To complete the requirements for this minor, students must complete a total of 16 credits from the required core courses.

Required Core Courses (10 credits)

| | |
|-----------|--|
| RAZG 1470 | Global Leadership (3 credits) |
| RAZG 1480 | Cross-Cultural Issues (3 credits) |
| RAZG 1490 | Global Engagement (3 credits) |
| RAZG 1503 | Global Engagement Portfolio (1 credit) |

Elective Courses (6 credits)

Student may select from any of the following courses and must earn 6 credits in total.

| | |
|------------------------------|---|
| COMM 2300 | Intercultural Communication (3 credits) |
| INST 1500 | Global Issues (3 credits) |
| NSU Foreign Language Course | (3-6 credits) |
| Study Abroad Program Courses | (3-6 credits)* |

* Study Abroad Credit Transfer Approvals must be completed during the Study Abroad Application process.

RESEARCH STUDIES MINOR

The Research Studies minor is a curricular and co-curricular program that is designed to provide learning experiences inside the classroom as well as outside the classroom through involvement in firsthand research experiences, scientific inquiry and problem-solving activities and initiatives. The Hochberg-Miniaci Razor's Edge Research Scholars will benefit from mentored research experiences with faculty researchers at NSU. The requirements for the minor in Research Studies are only available for students admitted into the Hochberg-Miniaci Razor's Edge Research Scholars Program offered by the Abraham S. Fischler College of Education and School of Criminal Justice in cooperation with the Division of Student Affairs. To complete the requirements for this minor, students must complete 15 course credits, in sequence, as follows:

| | |
|------------|---|
| RAZR 1000R | Seminar in Research Design and Implementation I (3 credits) |
| RAZR 2000R | Seminar in Research Design and Implementation II (3 credits) |
| RAZR 3000R | Quantitative Research Design and Statistical Analysis (3 credits) |

RAZR Field Experiences (totaling 6 additional credits) will be distributed among the remaining semesters of the undergraduate program.

| | |
|-----------|---------------------------------|
| RAZR 2501 | Field Experience I (1 credit) |
| RAZR 3501 | Field Experience II (1 credit) |
| RAZR 3502 | Field Experience III (1 credit) |
| RAZR 4501 | Field Experience IV (1 credit) |
| RAZR 4502 | Field Experience V (2 credits) |

Students must earn a grade of B (3.0) or better in each course used to satisfy the Hochberg-Miniaci Razor's Edge Research Scholars program.

SHARK TEACH SCHOLARS PROGRAM

Students in the Hochberg-Miniaci Razor's Edge Shark Teach Scholars program are part of a four-year educational and leadership development program focused on utilizing what they learn in the classroom as future educators to aid in the continued transformation and vibrancy of the Nova Southeastern University community. Students in the program develop a sense of community and enthusiasm for academic excellence and in turn serve as academic ambassadors across various functions for the university.

Shark Teach scholars will serve as committee members on a Fischler Academy program committee and as Student Success Peer Mentors through the Office of Student Success. Additional roles and expectations are outlined within the Shark Teach Scholars' Memorandum of Understanding (MOU), which is signed by all students prior to the start of their first semester in the program. It is required that students in the Hochberg-Miniaci Razor's Edge Shark Teach Scholars program are active members of The Fischler Academy and agree to remain an Education major to maintain the scholarship and status as a Hochberg-Miniaci Razor's Edge Shark Teach Scholars Program student.

Add-on Endorsement

DRIVER EDUCATION ADD-ON ENDORSEMENT

The Driver Education add-on endorsement program is available to Florida teachers who possess certification in other subject areas and wish to teach high school driver education. The courses leading to the endorsement will review basic driving rules and procedures associated with driving as well as how to implement these procedures using engaging instructional strategies. Teaching strategies to assist participants with classroom implementation will be used throughout the three courses in sequence. Sample teaching strategies and curriculum connections will also be included in the three courses.

| | |
|-----------|---|
| EDUC 4910 | Introduction to Driver's Education (3 credits) |
| EDUC 4911 | Instructional Strategies and Methods for Teaching Advanced Driver Education (3 credits) |
| EDUC 4912 | Administration and Supervision of Driver Traffic Safety Education (3 credits) |

State Requirements for Driver Education Add-on Endorsement

The driver education add-on endorsement, state-approved in Florida, provides the competencies necessary to meet all Florida Department of Education requirements for driver education instruction. Students who successfully complete the required coursework must apply for endorsement through the Florida Department of Education. Information about the process can be found at fldoe.org/teaching/certification/additions/adding-an-endorsement.shtml.

Department of Human Services

The Department of Human Services offers a Bachelor of Science in Human Services Administration and a Bachelor of Science in Child Development. The Human Services Administration program is designed to provide students with an understanding of administration, public policy, ethics and practice in the field of Human Services Administration. This program provides an excellent foundation for students who intend to pursue careers in human services administration, other related professions, or graduate studies in areas such as health administration, public administration, social work, counseling and business administration. The B.S. in Child Development is intended to provide professional training for students interested in working in the field of human services with young children, their families, and communities. Students in this program are trained to foster positive social and academic development in children from infancy through adolescence. Graduates of this program will have a wide array of career opportunities and are prepared to pursue graduate studies in developmental disabilities, child protection, child advocacy, social work, and psychology.

Majors

HUMAN SERVICES ADMINISTRATION MAJOR

Human Services Administration Major Learning Outcomes

A successful human services administration graduate is expected to:

1. Analyze the various roles and responsibilities of administration in the field of human services.
2. Demonstrate knowledge of historical and contemporary social issues impacting the human services field.
3. Apply knowledge of evidence-based practices to assessment and intervention approaches utilized within human services.
4. Articulate and define the character and qualities of human services organizations unique to the community and to the community members they serve.
5. Identify the importance and functions of human resources and supervision for human services administration.
6. Demonstrate an understanding of current concepts and trends in management and their application within the field of human services.
7. Identify, evaluate, and apply legal aspects and implications for human services administration.
8. Apply the principles of program planning and evaluation to human services organizations.
9. Demonstrate the ability to communicate effectively both orally, in writing, and with the use of technology .
10. Demonstrate the ability to integrate personal experiences in human services organizations with current research and emerging human service administrative issues (at the conclusion of the field placement experiences).

Human Services Administration Major Curriculum

The Bachelor of Science in Human Services Administration requires successful completion of 120 credit hours including 30 credit hours of General Education, 54 credit hours of major (core) courses, which include two 3-credit field placements, 12 credits of concentration courses, and open electives.

General Education Requirements (30 credits)

Students are required to complete 30 credit hours as part of the General Education Program. For specific course requirements, refer to the "General Education Program" section on page 94 of this catalog.

Human Services Administration Major (54 credits)

Core Courses (54 credits)

| | |
|----------|--|
| ACT 2030 | Foundations of Accounting II (3 credits) |
| ECN 2025 | Principles of Macroeconomics <u>OR</u> ECN 2025H Principles of Macroeconomics Honors (3 credits) |
| MKT 3050 | Marketing Principles and Application (3 credits) |
| HS 1100 | Social Issues and Human Services Delivery Systems (3 credits) |

| | |
|-----------|--|
| HS 1200 | Introduction to Human Services Administration (3 credits) |
| HS 1300 | Interpersonal Assessment Skills in Human Relations (3 credits) |
| HS 1400 | Counseling and Assessment in Human Services (3 credits) |
| HS 3300 | Ethical and Professional Issues in Human Services (3 credits) |
| HS 3315 | Human Services and Cultural Awareness (3 credits) |
| HS 3990 | Supervised Experience in Human Services* <u>OR</u> HS 4800 Directed Study in Applied Human Services I (3 credits) |
| HS 4100 | Rehabilitation Principles and Case Management (3 credits) |
| HS 4200 | Accountability in Human Services Administration (3 credits) |
| HS 4250 | Program Planning and Evaluation (3 credits) |
| HS 4995 | Supervised Experience in Human Services II* <u>OR</u> HS 4850 Directed Study in Applied Human Services II (3 credits) |
| MATH 2020 | Applied Statistics <u>OR</u> MATH 2020H Applied Statistics Honors (3 credits) |
| MGT 2050 | Principles of Management <u>OR</u> MGT 2050H Principles of Management Honors (3 credits) |
| WRIT 3150 | Business Writing (3 credits) |
| PADM 1000 | Introduction to Public Administration (3 credits) |

* These field placement courses allow the development of skills through hands-on experience. Field placements will consist of 10–12 hours per week within a human services agency within the community and are designed to enable the student, under the direction and guidance of on-site and faculty supervisors, to apply what has been learned to a real-world work experience.

Concentrations (12 credits)

Students may choose to select one of the following concentrations or any combination of courses across the concentrations to meet the 12-credit concentration requirement:

Advocacy/Case Management Concentration (12 credits)

| | |
|---------|---|
| HS 3410 | Case Management Methods (3 credits) |
| HS 3420 | Advocating for Individuals with Special Needs (3 credits) |
| HS 3430 | Special Topics in Advocacy (3 credits) |
| HS 3440 | Assessment and Treatment Planning (3 credits) |

Health Administration Concentration (12 credits)

| | |
|----------|---|
| BHS 3110 | Health Care Ethics (3 credits) |
| BHS 3151 | Health Services Management (3 credits) |
| BHS 3161 | Concepts of Health Care Finance (3 credits) |
| BHS 3170 | Health Care Delivery Systems (3 credits) |

Nonprofit Management, Philanthropy, and Grantsmanship Concentration (12 credits)

| | |
|---------|--|
| HS 3120 | Grant Writing and Management (3 credits) |
| HS 3130 | Nonprofit Leadership (3 credits) |
| HS 3140 | Fundraising and Philanthropy (3 credits) |
| HS 3150 | Strategic Planning in Human Services (3 credits) |

Social Work Concentration (12 credits)

| | |
|-----------|---|
| HS 3330 | Human Behavior and the Social Environment (3 credits) |
| HS 3340 | Interviewing and Assessment (3 credits) |
| HS 3350 | Social Work Practice (3 credits) |
| SOCL 2000 | Introduction to Social Work (3 credits) |

Substance Abuse Studies Concentration (12 credits)

| | |
|-----------|---|
| PSYC 2020 | Foundations of Clinical and Counseling Psychology (3 credits) |
| PSYC 2575 | Introduction to Substance Abuse Studies (3 credits) |
| PSYC 3575 | Treatment of Substance Abuse (3 credits) |
| PSYC 3800 | Current Psychotherapies (3 credits) |

CHILD DEVELOPMENT MAJOR

The Bachelor of Science in Child Development prepares students with a working knowledge of typical and atypical development from birth through adolescence, and an understanding of the influence of familial, cultural, socioeconomic, and other factors on developmental progression and child and adolescent well-being. Emphasis is placed on the application of evidence-based practices to support child health and safety, and to promote positive developmental, educational, and psychological outcomes. This program is designed to meet the needs of students interested in working with children in a human services or childcare and education program setting once they graduate and/or would like to pursue graduate studies in fields including but not limited to, developmental disabilities, child protection, child advocacy, education, and counseling/psychology.

In the Child Development major, students can pursue a focused area of study by selecting a concentration in Early Child Development, Leadership and Administration, Child Life, or Curriculum and Instruction. Students completing courses in the Early Child Development concentration will have met the required coursework to satisfy the training component necessary to apply for the Child Development Associate Credential. Students completing the Leadership and Administration coursework are prepared to lead in a childcare setting and will have satisfied the requirements for the Florida Director Credential. Students completing the Child Life concentration may satisfy the course requirements set forth by the Association of Child Life Professionals (ACLP). The Child Life concentration does not directly lead to the Certified Child Life Specialist (CCLS) certification upon graduation. Students intending to pursue the CCLS certification will need to satisfy the internship requirements set forth by the ACLP before receiving eligibility to take the child life certification exam. Students completing courses in the Curriculum and Instruction concentration may pursue an alternative pathway to professional certification. Graduates seeking teacher certification must meet all Florida Department of Education certification requirements to qualify for a Professional Florida Educator's Certificate.

Child Development Major Learning Outcomes

A successful child development graduate is expected to:

1. Demonstrate knowledge of typical and atypical cognitive, physical, and social-emotional development from birth through adolescence.
2. Apply major theoretical frameworks of child and adolescent development.
3. Examine risk and protective factors from birth through adolescence.
4. Analyze the influence of different contextual factors on child and adolescent development and well-being.
5. Apply knowledge of appropriate, evidence-based practices to assessment and intervention approaches used with children, adolescents, and families.
6. Analyze the effects of parenting and family characteristics on child health, safety and well-being.
7. Apply advocacy principles and strategies for the well-being of children and their families.

Child Development Major Curriculum

The Bachelor of Science in Child Development requires successful completion of 120 credit hours including 30 credit hours of General Education, 39 credit hours of major (core) courses, 15 credit hours of concentration courses, and open electives.

General Education Requirements (30 credits)

Students are required to complete 30 credit hours as part of the General Education Program. For specific course requirements, refer to the "General Education Program" section on page 94 of this catalog.

Child Development Major (39 credits)

Core Courses (39 credits)

| | |
|-----------|--|
| ECDP 3321 | Infant and Toddler Development (3 credits) |
| ECDP 3334 | Preschool, Primary, and Middle Childhood Development (3 credits) |
| EECP 3351 | Adolescent Development (3 credits) |
| ECDP 3341 | Child and Adolescent Mental Health (3 credits) |
| ECDP 3338 | Cultural and Social Issues in Child Development (3 credits) |
| EECP 4330 | Promoting Child Health and Safety (3 credits) |
| ECDP 4423 | Child Abuse and Neglect (3 credits) |

| | |
|-----------|---|
| EDEC 2405 | Supporting Children & Adolescents with Special Needs (3 credits) |
| ECA 0218 | Child Observation & Assessment for Decision Making (3 credits) |
| EDEC 4320 | Cultural Perspectives in Working with Children and Families (3 credits) |
| ECDP 3345 | Parenting Theory and Practice (3 credits) |
| ECDP 4518 | Family Systems (3 credits) |
| ECDP 4990 | Advanced Senior Year Seminar (3 credits) |

Concentrations (15 credits)

Students may choose to select one of the following concentrations to meet the 15-credit concentration requirement:

Leadership and Administration (15 credits)

| | |
|-----------|---|
| ECA 0270 | Administration of Child Care and Education Program (3 credits) |
| ECA 2273 | Child Care Administration: Organizational Leadership and Management (3 credits) |
| ECA 0275 | Early Childhood Administration: Financial and Legal Issues (3 credits) |
| ECA 0278 | Curricular Programming in Early Childhood Centers (3 credits) |
| EDEC 3420 | Families of Children with Special Needs: Challenges and Opportunities (3 credits) |

Early Child Development (15 credits)

| | |
|----------|---|
| ECA 0203 | Foundations of Early Care and Education (3 credits) |
| ECA 0101 | Introduction to Early Childhood: Professionalism, Safety, Health, and Learning Environment (3 credits) |
| ECA 0112 | Introduction to Early Childhood: Physical, Cognitive, Communication, and Creative Development (3 credits) |
| ECA 0114 | Introduction to Early Childhood Education: Families, Schools and Communities (CDA III) (3 credits) |
| ECA 0267 | Literacy Development in Multilingual Communities (3 credits) |

*Child Life (15 credits)**

| | |
|-----------|--|
| ECDP 3510 | Foundations in Child Life and Family Centered Care (3 credits) |
| ECDP 4367 | Play and Children Curricular Applications (3 credits) |
| ECDP 4510 | Research Methods and Program Evaluation (3 credits) |
| HS 3300 | Ethical and Professional Issues in Human Services (3 credits) |
| HUMN 4100 | Death and Dying (3 credits) |
| ECDP 4525 | Child Life Internship (Elective) (3 credits) |
| ECDP 4520 | Child Life Practicum (Elective) (3 credits) |

*Students seeking CLS certification must complete a minimum of five courses (15 credit hours) to a maximum of seven courses (21 credit hours) in the Child Life concentration.

Curriculum and Instruction (15 credits)

| | |
|-----------|--|
| EDUC 2010 | Foundations of Education (3 credits) |
| ESOL 3340 | Survey of TESOL for Teachers (3 credits) |
| EDUC 3360 | Educational Psychology (3 credits) |
| EDUC 3525 | Practices of Instruction (3 credits) |
| EDUC 3535 | Educational Assessment (3 credits) |

Credential Coursework

CHILD DEVELOPMENT ASSOCIATE CREDENTIAL

The Child Development Associate (CDA) Credential is based on professional competency standards in the field of early childhood education. CDA coursework focuses on the developmental needs of children from birth to age five. Program activities prepare you to develop and implement developmentally based practices and experiences addressing the needs of young children and their families in early childhood centers. Nova Southeastern University's nine credits of CDA coursework provide practitioners with the training needed to apply for the National CDA Credential. Courses are offered online in English and in Spanish.

| | |
|----------|--|
| ECA 0101 | Introduction to Early Childhood Education: Professionalism, Safety, Health, and Learning Environment (3 credits) |
|----------|--|

| | |
|----------|---|
| ECA 0112 | Introduction to Early Childhood Education: Physical, Cognitive, Communication, and Creative Development (3 credits) |
| ECA 0114 | Introduction to Early Childhood Education: Families, Schools, and Communities (CDA III) (3 credits) |

Requirements for National CDA Credential

Graduates who wish to pursue the National CDA Credential must contact the National CDA coordinating office of the Council for Professional Recognition. The national credential is recognized nationwide and it must be renewed on a regular basis. Information about the process can be found at www.cdacouncil.org.

FLORIDA DIRECTOR CREDENTIAL

Coursework for the initial director credential provides an overview of the skills and knowledge required in the operation and management of an early care and education program. It meets the requirements for the Florida Director Credential. Additionally, courses leading to the Advanced Director Credential (Florida) are offered regularly. They include coursework in organizational leadership and management, financial and legal issues, and curriculum development for early childhood programs. Coursework is offered online and on-site.

Satisfactory completion of required coursework and practical application experiences are required to complete the requirements for this credential. Students must complete 12 course credits, as follows:

State Requirements for the Florida Director Credential

Initial Credential:

| | |
|----------|--|
| ECA 0270 | Administration of Child Care and Education Program (3 credits) |
|----------|--|

ECA 0270 meets the content requirements of the Overview of Child Care Management as defined by the Florida Department of Children and Families (DCF) for the Florida Child Care Director Credential. Students who successfully complete the required coursework must apply for the initial or advanced credential through the DCF. Information about the process can be found at Child Care – Florida Department of Children and Families (myflfamilies.com) .

Courses for Renewal and/or Advanced Director Credential:

| | |
|----------|---|
| ECA 2273 | Child Care Administration: Organizational Leadership and Management (3 credits) |
| ECA 0275 | Early Childhood Administration: Financial and Legal Issues (3 credits) * |
| ECA 0278 | Curricular Programming in Early Childhood Centers (3 credits) * |

* Please note that courses must be taken in the order listed.

School of Criminal Justice

The Abraham S. Fischler College of Education and School of Criminal Justice is dedicated to providing the highest level of excellence in educational experiences to current and future criminal justice professionals. The school offers the Bachelor of Science degree in Criminal Justice and a minor in Criminal Justice.

Major

CRIMINAL JUSTICE MAJOR

The criminal justice major prepares students for academic and professional careers in criminal justice and related fields. Utilizing a comprehensive, multidisciplinary approach, through scholarship, research, and training, students develop an understanding of the dynamic interplay between theory and practice in the criminal justice system. Further, students develop an understanding of and appreciation for the complex relationship between the three components of the criminal justice system—law enforcement, the courts, and corrections. Courses in the B.S. in Criminal Justice are offered both on-site at NSU’s main campus and online, providing students with greater flexibility in attending classes.

Criminal Justice Major Learning Outcomes

A successful criminal justice graduate is expected to:

1. Demonstrate an understanding of the major theories, principles, and concepts that govern each of the following core areas of criminal justice:
 - a. Law.
 - b. Law enforcement.
 - c. Corrections.
 - d. The court system.
 - e. Crime causation.
 - f. Research methods and statistics.
2. Use knowledge of research methods and critical thinking to analyze and evaluate criminal justice research.
3. Produce criminal justice information in a clear, concise manner, consistent with relevant professional standards.

Criminal Justice Major Curriculum

General Education Requirements (30 credits)

Students are required to complete 30 credit hours as part of the General Education Program. For specific course requirements, refer to the “General Education Program” section on page 94 of this catalog.

Criminal Justice Major Requirements (54 credits)

Core Courses (45 credits)

| | |
|-----------|--|
| CRJU 1100 | Introduction to Criminal Justice (3 credits) |
| CRJU 1200 | Criminal Law (3 credits) |
| CRJU 2000 | Constitutional Issues (3 credits) |
| CRJU 2220 | Criminology (3 credits) |
| CRJU 2400 | Court Systems and Procedures (3 credits) |
| CRJU 2500 | Ethical Dilemmas and Decisions in Criminal Justice (3 credits) |
| CRJU 2600 | Pulralism and Crime (3 credits) |
| CRJU 3100 | Juvenile Delinquency (3 credits) |
| CRJU 3220 | Policing (3 credits) |
| CRJU 3250 | Interviewing, Interrogation, and Report Writing (3 credits) |
| CRJU 3300 | Corrections in America (3 credits) |
| CRJU 3400 | Criminal Investigations (3 credits) |

| | |
|-----------|--|
| CRJU 4000 | Victimology (3 credits) |
| CRJU 4500 | Research Methods in Criminal Justice (3 credits) |
| CRJU 4880 | Senior Seminar in Criminal Justice (3 credits) |

Major Electives (9 credits)

Select 9 credits from the following courses:

| | |
|-----------|---|
| CRJU 3500 | Probation, Parole, and Community Corrections (3 credits) |
| CRJU 3600 | Comparative Criminal Justice (3 credits) |
| CRJU 3700 | The CSI Effect: Media and Criminal Justice (3 credits) |
| CRJU 4200 | Terrorism and Homeland Security (3 credits) |
| CRJU 4400 | Police Organizational Behavior and Management (3 credits) |
| CRJU 4600 | Gangs in America (3 credits) |
| CRJU 4900 | Special Topics in Criminal Justice (3 credits) |
| CRJU 4901 | Special Topics II (3 credits) |
| CRJU 4950 | Internship in Criminal Justice (3 credits) |
| PSYC 2450 | Forensic Psychology (3 credits) |
| PSYC 3270 | The Psychology of Criminal Behavior (3 credits) |

Open Electives (36 credits)

Minors

CRIMINAL JUSTICE MINOR

The criminal justice minor provides students with an overview of the criminal justice system, including its three components—law enforcement, the courts, and corrections. In this course of study, students explore criminal law and procedure, constitutional rights of defendants, victimization, correctional theory and practice, and policing. This minor is recommended for students interested in criminology, criminal defense or prosecution, and law enforcement-related fields. This minor can be combined with any major and minor except the criminal justice major.

Criminal Justice Minor Requirements (18 credits)

Core Courses (9 credits)

| | |
|-----------|--|
| CRJU 1100 | Introduction to Criminal Justice (3 credits) |
| CRJU 1200 | Criminal Law (3 credits) |
| CRJU 2220 | Criminology (3 credits) |

Minor Electives (9 credits)

Select 9 credits from the following courses:

| | |
|-----------|---|
| CRJU 3100 | Juvenile Delinquency (3 credits) |
| CRJU 3220 | Policing (3 credits) |
| CRJU 3300 | Corrections in America (3 credits) |
| CRJU 3400 | Criminal Investigations (3 credits) |
| CRJU 3500 | Probation, Parole, and Community Corrections (3 credits) |
| CRJU 3600 | Comparative Criminal Justice (3 credits) |
| CRJU 3700 | The CSI Effect: Media and Criminal Justice (3 credits) |
| CRJU 4000 | Victimology (3 credits) |
| CRJU 4200 | Terrorism and Homeland Security (3 credits) |
| CRJU 4400 | Police Organizational Behavior and Management (3 credits) |
| CRJU 4500 | Research Methods in Criminal Justice (3 credits) |
| CRJU 4600 | Gangs in America (3 credits) |
| CRJU 4880 | Senior Seminar in Criminal Justice (3 credits) |
| CRJU 4900 | Special Topics in Criminal Justice (3 credits) |
| CRJU 4901 | Special Topics II (3 credits) |

College of Computing and Engineering

College of Computing and Engineering

Dean's Message



Congratulations on your decision to join NSU's College of Computing and Engineering (CCE). As Dean of the College of Computing and Engineering, it brings me great pleasure to welcome you to NSU and to the exciting opportunities in computer science, engineering and information technology.

At the CCE, we are committed to educating today's engineers, computer scientists, and technology leaders to be tomorrow's problem solvers. Through innovative curricula and research activities, our outstanding faculty engage students in a unique, interactive learning environment that facilitates academic excellence and prepares our students for their future careers while they earn a B.S., M.S., or Ph.D. degree. Companies seeking new sources of talent are looking at our college because of our commitment to our students and our program for both discipline experts and strong communication, teamwork, and life-long learning skills. At CCE, we will take your dedication and ambition to the next level of your life.

We encourage you to engage with your peers, outstanding faculty members, and the activities that the university and college offer to strengthen your experience here at NSU.

The faculty and staff all look forward to providing strong support for through your exciting journey towards personal fulfillment, career advancement, and global citizenship. We look forward to celebrating your accomplishments.

A handwritten signature in blue ink that reads "Meline Kevorkian".

Meline Kevorkian, Ed.D.
Dean, College of Computing and Engineering

Mission Statement

Engaging in innovation across boundaries, the College of Computing and Engineering prepares leaders and problem solvers in engineering, computer science, information systems, and cybersecurity for application and integration of science and technology to research and design effective solutions that contribute to society and the public good.

Introduction to the College

The College of Computing and Engineering (CCE) prepares students to meet the technological challenges of today and tomorrow. Drawing on 40 years of institutional experience in computing education and research, and 30 years of experience in innovative program delivery, CCE offers focused and flexible programs aligned to industry's most sought-after fields to help students reach their full potential. CCE has a distinguished faculty, evolving curricula, and an alumni network that integrates 40 years of graduates from computing disciplines at NSU. CCE has three bachelor's, seven masters, and three doctoral programs.

The three undergraduate programs offered by the College of Computing and Engineering (CCE) span the breadth of knowledge and skillsets for jobs that require credentials in computing hardware, software, information, and/or engineering disciplines.

Each degree is a Bachelor of Science (B.S.) that prepares students equally well for the workplace as for graduate study. The graduate programs at the college are excellent opportunities for students to do research and acquire advanced knowledge in the discipline.

The four undergraduate programs are:

- B.S. in Computer Science
- B.S. in Cybersecurity Management
- B.S. in Engineering
- B.S. in Information Technology

Department of Computing

The Department of Computing offers bachelor's, master's, and doctoral programs in computer science, bachelor's and master's programs in information technology, and master's and doctoral programs in information systems and cybersecurity. The curricula span traditional computer science theory as well as practical application to support students in further study, research, or professional careers in industry. Students may use dual/early admission for an accelerated path from bachelor's to master's, or master's to doctoral.

Majors

COMPUTER SCIENCE MAJOR

The Computer Science (CS) major prepares responsible, well-rounded graduates capable of designing, developing, and using software systems. They should understand critical aspects of software systems and associated ethical implications to society. The curriculum covers technical and professional requirements with electives to prepare students for professional careers and further study in the discipline of computer science. In this program, students get theoretical and applied current coverage of fundamental and advanced topics in software development and management, software and system design, operating systems, data communications, computer architecture, algorithms, and data structures. Students can also choose between many electives including security, various topics in applied mathematics, development of Web applications, and databases. The program incorporates mathematics and sciences including calculus, discrete mathematics, statistics, and a solid base in physical science with laboratories. Successful graduates will be equipped with the theoretical knowledge, practical experience, and background to work effectively in the field of computer science, and to successfully advance to graduate studies. Students may not double major with degrees in the college.

Computer Science Program Educational Objectives

Graduates of the Computer Science Program will:

1. Apply analytical and technical skills, tools and techniques to define requirements, create designs, implement solutions, or conduct evaluations of computer software, hardware and systems.
2. Communicate effectively, work well independently and provide significant contributions in team environments.
3. Understand and apply professional standards of ethics, legal and societal responsibility and are knowledgeable of their impacts on computing.
4. Continue to develop their computing knowledge and skills through advanced study and lifelong learning.

Computer Science Major Learning Outcomes

By graduation, students in the computer science program are expected to have attained an ability to:

1. Analyze a complex problem and apply principles of computing and other relevant disciplines to identify solutions.
2. Design, implement, and evaluate a computing-based solution to meet a given set of computing requirements in the context of the computer science discipline.
3. Communicate effectively in a variety of professional contexts.
4. Recognize professional responsibilities and make informed judgments in computing practice based on legal and ethical principles.
5. Function effectively as a member or leader of a team engaged in activities appropriate to the computer science discipline.
6. Apply computer science theory and software development fundamentals to produce computing-based solutions.
7. Reason about and explain computer-based solutions at multiple levels of abstraction.
8. Recognize the ongoing need for additional knowledge and to locate, evaluate, integrate, and apply this knowledge effectively.

Computer Science Major Curriculum

General Education Requirements (30 credits)

Students are required to complete 30 credit hours as part of the General Education Program. For specific course requirements, refer to the "General Education Program" section on page 94 of this catalog.

This curriculum below is effective for students entering in Fall 2024.

Computer Science Major Requirements (80 credits)

Core Courses

| | |
|--|--|
| MATH 2100 | Calculus I (4 credits) <u>OR</u> MATH 2100H Calculus I Honors (4 credits) |
| MATH 2200 | Calculus II (4 credits) <u>OR</u> MATH 2200H Calculus II Honors (4 credits) |
| MATH 3300 | Introductory Linear Algebra (3 credits) |
| MATH 4500 | Probability and Statistics (3 credits) |
| PHYS 2400 | Physics I/Lab (4 credits) |
| Any Science Course (BIOL, CHEM, ENVIS, MBIO, NEUR, or PHYS only) (4 credits) | |
| CSIS 1800 | Introduction to Computer and Information Sciences (3 credits) |
| CSIS 2050 | Discrete Mathematics (4 credits) |
| CSIS 2101 | Fundamentals of Computer Programming (4 credits) |
| CSIS 3023 | Legal and Ethical Aspects of Computers (3 credits) |
| CSIS 3101 | Advanced Computer Programming (4 credits) |
| CSIS 3200 | Organization of Programming Language (3 credits) |
| CSIS 3400 | Data Structures (4 credits) |
| CSIS 3460 | Object Oriented Design (3 credits) |
| CSIS 3500 | Networks and Data Communication (3 credits) |
| CSIS 3051 | Computer Organization & Architecture (4 credits) |
| CSIS 3530 | Artificial Intelligence (3 credits) |
| CSIS 3610 | Numerical Analysis (4 credits) <u>OR</u> MATH 3000 Level or Higher (4 credits) |
| CSIS 3750 | Software Engineering (4 credits) |
| CSIS 3810 | Operating Systems Concepts (3 credits) |
| CSIS 4530 | Database Management (3 credits) |
| CSIS 4610 | Design and Analysis Algorithms (3 credits) |

Capstone:

| | |
|-----------|--|
| CSIS 4903 | Capstone Project for Computer Science (3 credits) <u>OR</u> CSIS 4953 Capstone Internship in Computer Science |
|-----------|--|

Major Electives (9 credits)

Select 9 credits from the following courses:

Any 3000/4000-level CSIS courses not counted as core courses for the major.

Open Electives (16 Credits)

Prerequisite Courses

A prerequisite is a course that must be successfully completed prior to enrolling in a more advanced course. The successful completion of prerequisite courses demonstrates that a student has achieved the foundational knowledge and core competencies necessary to move on to a more advanced course. The completion of prerequisite coursework is an essential component for registration for certain courses in the Computer Science Program and may not be overridden. As such, students in the Computer Science Program are not permitted to register for any course without first successfully completing all of said course's mandatory prerequisites.

CYBERSECURITY MANAGEMENT MAJOR

As cyberattacks increase, organizations need skilled professionals to improve information security. Nova Southeastern University's Bachelor of Science in Cybersecurity program prepares you to be an essential defender protecting sensitive data from cyber threats. Learn fundamental IT and computer science skills combined with a focus on experiential learning through lab exercises in security-related courses. Our program's holistic view of how complex systems relate, influence, and interact with one another gives it a strong

interdisciplinary focus-teaching students how social behavior, policy, and legal rules can affect cybersecurity and the tools of information technology.

Cybersecurity Management Major Requirements (52 credits)

Core Courses

| | |
|-----------|---|
| MATH 1200 | Precalculus Algebra (3 credits) or higher |
| MATH 2020 | Applied Statistics (3 credits) <u>OR</u> MATH 2020H Applied Statistics Honors (3 credits) |
| CSIS 1800 | Introduction to Computer and Info. Sciences (3 credits) |
| CSIS 2000 | Introduction to Database Systems (3 credits) |
| CSIS 2101 | Fundamentals of Computer Programming (4 credits) |
| CSIS 3001 | Introduction to Cybersecurity (3 credits) |
| CSIS 3020 | Web Programming and Design (3 credits) |
| CSIS 3023 | Legal and Ethical Aspects of Computers (3 credits) |
| CSIS 3500 | Networks and Data Communication (3 credits) |
| CSIS 4010 | Computer Security (3 credits) |
| CSIS 4351 | Human-Computer Interaction (3 credits) |
| TECH 3300 | Systems Analysis and Design (3 credits) |
| TECH 3320 | Technology Project Management (3 credits) |
| TECH 4200 | Cybersecurity Operation Management (3 credits) |
| TECH 4220 | Cybersecurity Governance (3 credits) |
| TECH 4240 | Cybersecurity Auditing (3 credits) |
| TECH 4900 | Directed Project* (3 credits) <u>OR</u> TECH 4950 Internship in Technology (3 credits) |

Major Electives (15 credits)

Select any 15 credits from any of TECH and CSIS courses.

Open Electives (26 credits)

Prerequisite Courses

A prerequisite is a course that must be successfully completed prior to enrolling in a more advanced course. The successful completion of prerequisite courses demonstrates that a student has achieved the foundational knowledge and core competencies necessary to move on to a more advanced course. The completion of prerequisite coursework is an essential component for registration for certain courses in the Computer Science Program and may not be overridden. As such, students in the Computer Science Program are not permitted to register for any course without first successfully completing all of said course's mandatory prerequisites.

INFORMATION TECHNOLOGY MAJOR

The Information Technology (IT) major prepares responsible, well-rounded graduates who understand critical aspects of information technology and their ethical impact on society. Through excellence in teaching, experiential learning, service, and scholarship, the curriculum provides a comprehensive and dynamic course of study for students interested in computer and information technologies. Students study IT in its widest sense as a means of communication and human/computer interaction as well as data management and forensics. The curriculum prepares IT students to serve the community, the state of Florida, and the world through training and education. Students garner theoretical and hands-on skills needed to solve complex computing and technological problems with their mastery of a range of technical disciplines including communications, computing, and databases.

Information Technology Major Program Educational Objectives

Graduates of the information technology program will:

1. Apply analytical and technical skills, tools, and techniques to define requirements, implement solutions, or conduct evaluations of information technology software, hardware, and systems.
2. Communicate effectively, work well independently and provide significant contributions in team environments.
3. Understand and apply professional standards of ethics, legal and societal responsibility and are knowledgeable of their impacts on information technology.
4. Continue to develop their computing knowledge and skills through advanced study and lifelong learning.

Information Technology Major Learning Outcomes

By graduation, students in the information technology program are expected to have attained an ability to:

1. Analyze a problem and to identify information technology requirements appropriate to its solution.
2. Design, implement, and evaluate a computer-based solution to meet a given set of information technology requirements.
3. Communicate effectively with a range of audiences about technical information.
4. Make informed judgements in information technology practice based on legal and ethical principles and identify impacts on individuals and society.
5. Function effectively on teams to establish goals, plan tasks, meet deadlines, manage risk, and produce deliverables.
6. Recognize the ongoing need for additional knowledge and to locate, evaluate, integrate, and apply this knowledge effectively.

Information Technology Major Curriculum

General Education Requirements (30 credits)

Students are required to complete 30 credit hours as part of the General Education Program. For specific course requirements, refer to the "General Education Program" section on page 94 of this catalog.

Information Technology Major Requirements (55 credits)

Mathematics (6 credits)

| | |
|-----------|---|
| MATH 1200 | Precalculus Algebra (3 credits) or higher |
| MATH 2020 | Applied Statistics (3 credits) <u>OR</u> MATH 2020H Applied Statistics Honors (3 credits) |

Core Courses (34 credits)

| | |
|-----------|---|
| CSIS 1800 | Introduction to Computer Science and Computer Information Systems (3 credits) |
| CSIS 2000 | Introduction to Database Systems (3 credits) |
| CSIS 2101 | Fundamentals of Computer Programming (4 credits) |
| CSIS 3020 | Web Programming and Design (3 credits) |
| CSIS 3023 | Legal and Ethical Aspects of Computers (3 credits) |
| CSIS 3500 | Networks and Data Communication (3 credits) |
| CSIS 4010 | Computer Security (3 credits) |
| CSIS 4311 | Web Services & Systems (3 credits) |
| CSIS 4351 | Human Computer Interaction (3 credits) |
| CSIS 4501 | Wireless Network Infrastructures (3 credits)* |
| CSIS 4501 | Wireless Network Infrastructures (3 credits) * |
| TECH 4900 | Directed Project in Information Technology (3 credits) * <u>OR</u> |
| | TECH 4950 Internship in Information Technology (3 credits) * |

Major Electives (15 credits)

Select any 15 credits from any of TECH CSIS, EENG and CENG courses.

Open Electives (38 credits)

Prerequisite Courses

A prerequisite is a course that must be successfully completed prior to enrolling in a more advanced course. The successful completion of prerequisite courses demonstrates that a student has achieved the foundational knowledge and core competencies necessary to move on to a more advanced course. The completion of prerequisite coursework is an essential component for registration for certain courses in the Computer Science Program and may not be overridden. As such, students in the Computer Science Program are not permitted to register for any course without first successfully completing all of said course's mandatory prerequisites.

Minors

ARTIFICIAL INTELLIGENCE

The artificial intelligence application minor is designed for someone who wants to focus on application of artificial intelligence concepts for technology applied to domains such as information security, data analytics, organizations, and education. This minor is especially helpful for students in all majors as companies across a variety of industries, such as information technology, banking, finance, and healthcare, need to determine the accurate use of artificial intelligence to enhance and maintain technology and business operations.

Artificial Intelligence Application Minor Requirements (15–17 credits)

| | |
|-----------|---|
| TECH 2010 | Excel at Spreadsheets (3 credits) or CSIS 3101 Advance Computer Programming (4 credits) |
| TECH 2020 | Programming for Everyone or CSIS 2101 Fundamentals of Computer Programming (4 credits) |
| TECH 3100 | Introduction to Data Science (3 credits) |
| TECH 3200 | Artificial Intelligence in Action (3 credits) |
| MATH 2020 | Applied Statistics or MATH 4500 Probability Statistics (3 credits) |

CYBERSECURITY

The cybersecurity minor is designed for someone who wants to focus on applications of concepts for information security and security of an organization. This minor is especially helpful for students in all majors as companies across a variety of industries, such as banking, finance, and healthcare, need to keep rigorous standards and certifications in cyber security to maintain business operations.

Undergraduate Minor in Cybersecurity (18–19 Credits)

| | |
|-----------|---|
| CSIS 1800 | Introduction to Computer and Information Sciences (3 credits) |
| TECH 2020 | Programming for Everyone (3 credits) <u>OR</u> CSIS 2101 Fundamentals of Computer Programming (4 credits) |
| CSIS 3001 | Introduction to Cybersecurity (3 credits) |
| CSIS 3023 | Legal and Ethical Aspects of Computers (3 credits) |
| TECH 3100 | Introduction to Data Science (3 credits) |
| CSIS 4010 | Computer Security (3 credits) |

DATA ANALYTICS

The data analysis minor provides insight into the application of concepts for data analytics and decision making. This minor is especially helpful for students to acquire an integrated set of computer science, mathematics and analytical skills needed to enter the field of data analytics.

Undergraduate Minor in Data Analytics (15-16 Credits)

| | |
|-----------|--|
| TECH 2010 | Excel at Spreadsheets (3 credits) |
| TECH 3100 | Introduction to Data Science (3 credits) |
| MATH 2020 | Applied Statistics <u>OR</u> MATH 4500 Probability and Statistics (3 credits) |
| MATH 3030 | Applied Statistics II (MATH 2020 prerequisite) (3 credits) |
| TECH 2020 | Programming for Everyone <u>OR</u> MATH 4020 Applied Regression Analysis (MATH 3030 prerequisite) <u>OR</u> CSIS 2101 Fundamentals of Computer Programming (4 credits) |

Department of Engineering

ENGINEERING MAJOR

The Department of Engineering offers a bachelor's program in engineering. Students in the B.S. in Engineering program gain some strong knowledge and skills necessary to analyze and design systems in the areas of mechanical, materials science, biomedical, electrical, and industrial and systems engineering. Concentrations in biomedical engineering or industrial and systems engineering are available. The biomedical engineering concentration provides you with a foundation to design and analyze physiological systems, and medical devices. The industrial and systems engineering concentration provides you with a foundation to develop sustainable engineering solutions, achieve desired objectives and maximize resources. Graduates with strong engineering skills are highly sought by all industries.

Engineering Program Educational Objectives

Graduates of the Engineering Program will:

1. Apply their engineering education, knowledge, leadership, and skills to analyze technical and societal problems and develop creative and responsible solutions.
2. Communicate and function as an individual and team member in a professional environment.
3. Serve as engineering ambassadors and leaders to apply the highest professional standards of ethics and social responsibility.
4. Continue to develop their knowledge and skills through advanced study and lifelong learning.

Engineering Major Learning Outcomes

A successful engineering graduate is expected to:

1. An Ability to identify, formulate and solve complex engineering problems by applying principles of engineering, science and mathematics.
2. An ability to apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental and economic factors.
3. An ability to communicate effectively with a range of audiences.
4. An ability to recognize ethical and professional responsibilities in engineering situations and make informed judgments, which must consider the impact of engineering solutions in global, economic, environmental and societal contexts.
5. An ability to function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks and meet objectives.
6. An ability to develop and conduct appropriate experimentation, analyze and interpret data and use engineering judgement to draw conclusions.
7. An ability to acquire and apply new knowledge as needed, using appropriate learning strategies.

Engineering Major Curriculum*

First-Year Major-Specific Criteria

- -Strong math and science coursework and performance.
- -Calculus expected (if available at high school)

General Education Requirements (30 credits)

Students are required to complete 30 credit hours as part of the General Education Program. For specific course requirements, refer to the "General Education Program" section on page 94 of this catalog.

Open Electives (6 credits)

Engineering Major Requirements (102 credits)

Students are required to complete 102 credit hours as part of the Engineering Program, which includes substantial course work in mathematics and the sciences. The Engineering major courses will include the following.

Mathematics (21 credits)

| | |
|-----------|---|
| MATH 2100 | Calculus I (4 credits) <u>OR</u> MATH 2100H Calculus I Honors (4 credits) |
| MATH 2200 | Calculus II (4 credits) <u>OR</u> MATH 2200H Calculus II Honors (4 credits) |
| MATH 3200 | Calculus III (4 credits) |
| MATH 3300 | Introductory Linear Algebra (3 credits) |
| MATH 3400 | Ordinary Differential Equation (3 credits) |
| MATH 4500 | Probability and Statistics (3 credits) |

Note: Six (6) credits of MATH may fulfill the General Education requirements.

Sciences (16 credits)

| | |
|-----------|---|
| BIOL 1500 | Biology I / Lab (4 credits) |
| CHEM 1300 | General Chemistry I / Lab (4 credits) <u>OR</u> CHEM 1300H General Chemistry I/Lab Honors (4 credits) |
| PHYS 2400 | Physics I / Lab (4 credits) |
| PHYS 2500 | Physics II / Lab (4 credits) |

Note: Six (6) credits of PHYS/BIOL/CHEM may fulfill the General Education requirements.

Core Courses (50 credits)

| | |
|-----------|--|
| CENG 4910 | Engineering Ethics Seminar (1 credit) |
| EENG 2710 | Electrical Circuits/Lab (4 credits) |
| GENG 1000 | Introduction to Engineering (1 credit) |
| GENG 1012 | Engineering Graphics (3 credits) |
| GENG 1016 | Introduction to Engineering Design (3 credits) |
| GENG 2000 | Engineering Design and Project Management I (2 credits) |
| GENG 2022 | Statics (3 credits) |
| GENG 2050 | Computer Applications in Engineering (3 credits) |
| GENG 2070 | Materials and Processes (3 credits) |
| GENG 2450 | Dynamics (3 credits) |
| GENG 3000 | Engineering Design and Project Management II (3 credits) |
| GENG 3012 | Thermal and Fluid Systems (3 credits) |
| GENG 3024 | Mechanics of Materials (3 credits) |
| GENG 3050 | Sensors, Measurements, and Controls (3 credits) |
| GENG 3420 | Engineering Economics (3 credits) |
| GENG 3800 | Quality Control for Engineers (3 credits) |
| GENG 4010 | Senior Capstone Design Project I (3 credits) |
| GENG 4020 | Senior Capstone Design Project II (3 credits) |

Open Electives (16 credits)

Concentrations

Biomedical Engineering (15 credits)

| | |
|-----------|---|
| BENG 2080 | Foundations of Biomedical Engineering (3 credits) |
| BENG 4030 | Biomechanics and Materials (3 credits) |
| BENG 4040 | Physiological Systems and Modeling for Engineering I (3 credits) |
| BENG 4050 | Physiological Systems and Modeling for Engineering II (3 credits) |
| BENG 4200 | Biomedical Instrumentation (3 credits) |

Industrial and Systems Engineering (15 credits)

| | |
|-----------|--|
| IENG 3010 | Principles and Methods of Industrial and Systems Engineering (3 credits) |
| IENG 3060 | Systems Optimization (3 credits) |
| IENG 4010 | Work Measurement and Human Factors (3 credits) |

| | |
|-----------|--|
| IENG 4020 | Analysis of Production Systems and Facility Design (3 credits) |
| IENG 4065 | Discrete System Modeling (3 credits) |

Prerequisite Courses

A prerequisite is a course that must be successfully completed prior to enrolling in a more advanced course. The successful completion of prerequisite courses demonstrates that a student has achieved the foundational knowledge and core competencies necessary to move on to a more advanced course. The completion of prerequisite coursework is an essential component for registration for certain courses in the Computer Science Program and may not be overridden. As such, students in the Computer Science Program are not permitted to register for any course without first successfully completing all of said course's mandatory prerequisites.

College of Psychology

College of Psychology

Dean's Message



I am pleased to extend you a warm welcome to Nova Southeastern University and the College of Psychology. We hope to guide you through a rich and transformative journey, where you will grow personally, academically, and socially on the road to becoming major contributors to our society. Our aim is to guide you in your scientific inquiry, as you explore the full breadth of the psychological and behavioral sciences, from basic research to various fields of practice.

Our College offers bachelor's degree programs in psychology and neuroscience, as well as graduate programs in clinical and school psychology, counseling, experimental psychology, forensic psychology, and general psychology, along with other specialized training programs. Our outstanding faculty guide undergraduate students, not only in discovering and appreciating the factual content of their respective fields of study, but also in developing the critical thinking skills essential to consumers of science and the investigative skills of aspiring professionals, researchers, and clinicians.

The scope of psychology, counseling, neuroscience and related fields is expansive, as our disciplines describe and explain the effects of psychological processes from the level of individual brain cells to the scale of complex social interactions. The areas of expertise our faculty collectively possess are similarly robust. Regardless of the specific field or subfield of study, our students benefit from the greater involvement that small classes provide and from the related opportunities for research collaborations and experiential placements in community settings.

While the lasting memories of the college experience include many events beyond the confines of the classroom, a college student's day-to-day enjoyment depends largely on their chosen field of study and engagement with its particular subject matter. The College of Psychology is proud to house two of the most engaging majors available to students at our university, and is honored to figure positively in students' memories of their college experience.

The College of Psychology prepares students for graduate programs in psychology, counseling, neuroscience, and health professions, as well as to embark upon careers in any of the numerous fields that require the critical thinking and communication skills, especially those careers that rely upon a keen understanding of human behavior and mental processes.

On behalf of the faculty and staff of the College of Psychology, I am pleased to welcome you to Nova Southeastern University. It is my sincere belief and hope that you will find your time here richly rewarding, both during your enrollment with us and, as alumni entering the workforce or continuing to pursue your educational goals.

A handwritten signature in blue ink that reads "Karen S. Grosby". The signature is fluid and cursive, with a long horizontal flourish extending to the right.

Karen S. Grosby, Ed.D.
Dean, College of Psychology

Mission Statement

Nova Southeastern University's College of Psychology offers programs in psychology and neuroscience that develop students' critical thinking, research, and communication skills and foster our students' commitment to community engagement and lifelong learning.

Introduction to the College

The College of Psychology offers comprehensive education in the psychological and brain sciences and prepares students for direct entry into a professional career or for further education in the form of graduate or professional school.

The College hosts two distinct undergraduate majors and five undergraduate minors. Additionally, the College administers the Psychological Studies concentration for the interdisciplinary Bachelor of Science degree in Applied Professional Studies. Each of these majors and minors is housed within the College's Department of Psychology and Neuroscience. College policies, major and minor curricula, and additional information about the College of Psychology and its departments can be found in the appropriate sections of the undergraduate catalog (and, where applicable, the graduate catalog).

To earn a bachelor's degree from the College of Psychology, a student must complete a minimum of 120 credit hours, inclusive of major, minor, general education, and elective courses. For further details, refer to the "See "Graduation Requirements" section on page 62 of this catalog.

Undergraduate Programs

The Bachelor of Science degrees offered through the College of Psychology include majors in psychology and neuroscience.

Majors

NEUROSCIENCE MAJOR

The neuroscience major focuses on the biological basis of behavior by exploring the role of the nervous system in normal and abnormal behavior, thought, and emotion. It uses a multidisciplinary approach to study the organization and function of the nervous system, from the molecular to the behavioral level, in such areas as development, sensation and perception, cognition, learning and memory, movement, sleep, stress, aging, and neurological and psychological disorders. The major provides students with a program of study that prepares them to pursue entry-level positions in such areas as biomedical research and the pharmaceutical industry or graduate education in such disciplines as neuroscience, psychology, pharmacology, and medicine.

Neuroscience Major Learning Outcomes

A successful neuroscience graduate is expected to:

1. Demonstrate a foundation of knowledge in neuroscience.
2. Demonstrate the ability to independently develop a research proposal and evaluate the application and limitations of various methodologies.
3. Demonstrate the ability to communicate research findings from the field of neuroscience.

Neuroscience Major Curriculum

General Education Requirements (30 credits)

Students are required to complete 30 credit hours as part of the General Education Program. For specific course requirements, refer to the "General Education Program" section on page 94 of this catalog.

Neuroscience Major Requirements (57 credits)

Required Courses (45 credits)

| | |
|-----------|---|
| BIOL 1500 | Biology I/Lab (4 credits) |
| BIOL 4340 | Cellular and Molecular Biology (3 credits) |
| CHEM 1300 | General Chemistry I/Lab (4 credits) <u>OR</u> CHEM 1300H General Chemistry I/Lab Honors (4 credits) |
| CHEM 1310 | General Chemistry II/Lab (4 credits) <u>OR</u> CHEM 1310H General Chemistry II/Lab Honors (4 credits) |
| MATH 2100 | Calculus I (4 credits) <u>OR</u> MATH 2100H Calculus I Honors (4 credits) |
| NEUR 2500 | Introduction to Neuroscience/Lab (4 credits) |
| NEUR 2600 | Introduction to Neuroanatomy (3 credits) |
| NEUR 2700 | Research Methods and Data Analysis in Neuroscience /Lab (4 credits) <u>OR</u> NEUR 2705 Research Methods and Data Analysis in Neuroscience/Lab (4 credits) |
| NEUR 3000 | Behavioral Genetics (3 credits) |
| NEUR 4800 | Senior Seminar in Neuroscience (3 credits) <u>OR</u> NEUR 4885 Senior Seminar in Neuroscience (3 credits) |
| PSYC 1020 | Introduction to Psychology (3 credits) <u>OR</u> PYSC 1020H Introduction to Psychology Honors (3 credits) |

Select 6 credits from the following courses:

| | |
|-----------|--|
| NEUR 1020 | Nutritional Neuroscience (3 credits) |
| NEUR 2090 | Sports Neuroscience (3 credits) |
| NEUR 3010 | Introduction to Theoretical and Computational Neuroscience (3 credits) |
| NEUR 3100 | Developmental Neuroscience (3 credits) |
| NEUR 3200 | Drugs and the Brain (3 credits) |
| NEUR 4100 | Neurobiology of Disease (3 credits) |

| | |
|-----------|---|
| NEUR 4950 | Internship in Neuroscience (1-3 credits) OR |
| | NEUR 4955 Internship in Neuroscience (1-3 credits) |
| NEUR 4990 | Independent Study in Neuroscience (1-3 credits) <u>OR</u> |
| | NEUR 4995 Independent Study in Neuroscience (1-3 credits) |

Major Electives (12 credits)

Select 12 credits from the following courses:

| | |
|-----------|---|
| CHEM 3650 | Biochemistry/Lab (4 credits) |
| PHIL 3180 | Biomedical Ethics (3 credits) <u>OR</u> PHIL 3180H Biomedical Ethics Honors (3 credits) <u>OR</u> |
| | PHIL 3220 Philosophy of Science (3 credits) |
| PHYS 2350 | General Physics I/Lab (4 credits) <u>OR</u> PHYS 2350H General Physics I/Lab Honors (4 credits) |
| PHYS 2360 | General Physics II/Lab (4 credits) <u>OR</u> PHYS 2360H General Physics II/Lab Honors (4 credits) |
| PSYC 3900 | Neuropsychology (3 credits) |
| PSYC 3920 | Sensation and Perception (3 credits) |
| PSYC 4300 | Psychophysiology (3 credits) |
| PSYC 4400 | Hormones and Behavior (3 credits) |

PSYCHOLOGY MAJOR

The psychology major prepares students for both entry-level jobs in the workforce and advanced professional education in psychology. The psychology major exposes students to each of the major domains of psychology and provides students with a solid base of knowledge in each of these domains. It encourages students to integrate and apply knowledge, and allows flexibility in course selection to help students meet their career goals. The major emphasizes scientific research and application to significant areas of human activities.

Psychology Major Learning Outcomes

A successful psychology graduate is expected to:

1. Demonstrate an understanding of the major theories, principles, and concepts that underlie the following core areas of psychology:
 - a. Learning, Memory, and/or Cognition
 - b. Sensation, Perception, and/or Biological Bases of Behavior
 - c. Human Development
 - d. Clinical, Abnormal, and/or Personality
 - e. Social Influences on Thoughts, Feelings, and Behaviors
 - f. Research Measurement, Design, and Methodology;
2. Integrate and apply the major theories, principles, and concepts of psychology to address research and/or applied issues in the field of psychology using critical thinking skills, skeptical inquiry, and when possible, the scientific approach;
3. Present written psychological information in a clear, concise manner that is consistent with professional standards (i.e., APA format).

Psychology Major Curriculum

General Education Requirements (30 credits)

Students are required to complete 30 credit hours as part of the General Education Program. For specific course requirements, refer to the "General Education Program" section on page 94 of this catalog.

Psychology Major Requirements (54 credits)

Core Courses (18 credits)

| | |
|-----------|---|
| PSYC 1020 | Introduction to Psychology (3 credits) <u>OR</u> PSYC 1020H Introduction to Psychology Honors (3 credits) |
| PSYC 2600 | Psychological Research Methods (3 credits) <u>OR</u> PSYC 3000 Psychological Research Methods (3 credits) |
| PSYC 2900 | Introduction to Quantitative Psychology (3 credits) |
| PSYC 3710 | History and Theories of Psychology (3 credits) |

PSYC 3760 Cross-Cultural Issues in Psychology (3 credits)
PSYC 4880 Senior Seminar (3 credits)

Major Foundation Courses (18 credits)

Learning, Memory, and/or Cognition (3 credits)

Select 3 credits from the following courses:

PSYC 2010 Cognitive Processes (3 credits)
PSYC 2300 Behavior Modification (3 credits)
PSYC 3520 Principles of Learning (3 credits)

Sensation, Perception, and/or Biological Bases of Behavior (3 credits)

Select 3 credits from the following courses:

PSYC 2100 Biological Bases of Behavior (3 credits)
PSYC 3200 Evolutionary Psychology (3 credits)
PSYC 3920 Sensation and Perception (3 credits)
PSYC 4300 Psychophysiology (3 credits)
PSYC 4400 Hormones and Behavior (3 credits)

Human Development (3 credits)

Select 3 credits from the following courses:

PSYC 2350 Life-Span Human Development (3 credits) OR PSYC 2350H Life-Span Human Development Honors (3 credits)
PSYC 2360 Adolescent Psychology (3 credits)
PSYC 2370 Early Childhood Growth and Development (3 credits)

Clinical, Abnormal, and/or Personality (3 credits)

Select 3 credits from the following courses:

PSYC 2020 Foundations of Clinical and Counseling Psychology (3 credits)
PSYC 3210 Personality (3 credits)
PSYC 3260 Abnormal Psychology (3 credits)

Social Influences on Thoughts, Feelings, and Behaviors (3 credits)

Select 3 credits from the following courses:

PSYC 2160 Social Psychology (3 credits) OR PSYC 2160H Social Psychology Honors (3 credits)
PSYC 3180 Stereotypes, Prejudice, and Discrimination (3 credits)
PSYC 3360 Psychology of Gender (3 credits)

Methods and Application (3 credits)

Select 3 credits from the following courses:

PSYC 3030 Experimental Psychology (3 credits)
PSYC 4800 Practicum in Psychological Research (3 credits)
PSYC 4810 Practicum in Community Psychology (3 credits)
PSYC 4840 Advanced Practicum in Psychology (3 credits)

Psychology Major Electives (18 credits)

At least 12 of these credits must be at the 3000/4000 level.

Minors

APPLIED BEHAVIOR ANALYSIS MINOR

The applied behavior analysis minor is designed to address the growing need for behavior analysts in the community. Coupled with a major in psychology (or other fields), students graduate with a strong professional preparation in applied and research domains. Students are required to complete at least 90 hours of practicum experience as part of the minor. Students desiring to become certified in the applied behavior analysis field must complete additional supervised training hours to accrue the number of hours required for certification. This minor can be combined with any major and minor. A minimum of 9 credits must be exclusive to the minor and cannot be counted toward any other majors/minors/certificate programs.

Applied Behavior Analysis Minor Requirements (18 credits)

| | |
|-----------|---|
| PSYC 2300 | Behavior Modification (3 credits) |
| PSYC 3330 | Principles of Applied Behavior Analysis (3 credits) |
| PSYC 3350 | Assessment in Applied Behavior Analysis (3 credits) |
| PSYC 3370 | Interventions in Applied Behavior Analysis (3 credits) |
| PSYC 3390 | Single-Case Research Designs & Applications (3 credits) |
| PSYC 4700 | Practicum in ABA I (3 credits) |

FORENSIC STUDIES MINOR

The forensic studies minor brings the insights of several disciplines to bear on the criminal investigation process. This minor provides a multi-disciplinary course of study (criminal justice, psychology, and chemistry) and is an appropriate minor for students seeking a basic foundation in the essentials of crime scene investigation and analysis. It is a complementary minor for students majoring in criminal justice, psychology, chemistry, or legal studies, and provides a foundation for criminal justice practitioners seeking a basic understanding of forensic techniques. This minor is also an appropriate course of study for students majoring in other disciplines who have an interest in law enforcement and continued study in forensic science. This minor may be combined with any other major or minor. A minimum of 9 credits must be exclusive to the minor and cannot be counted toward any other majors/minors/certificate programs.

Forensic Studies Minor Requirements (19 credits)

| | |
|-----------|--|
| CHEM 1200 | Survey of Forensic Science/Lab (4 credits) |
| CRJU 3220 | Policing (3 credits) |
| CRJU 3400 | Criminal Investigations (3 credits) |
| CRJU 3700 | The CSI Effect: Media and Criminal Justice (3 credits) |
| PSYC 2450 | Forensic Psychology (3 credits) |
| PSYC 3270 | The Psychology of Criminal Behavior (3 credits) |

NEUROSCIENCE MINOR

The neuroscience minor is intended to offer students in-depth training in brain-behavior relations and biological aspects of psychology. Neuroscience explores new discoveries and insights in dynamic areas such as the neurological origins of consciousness, emotion, and psychopathology. This minor is especially helpful for psychology students preparing for graduate school and for students planning to enter the medical fields who have an interest in brain-behavior relationships. This minor can be combined with any major and minor except the neuroscience major. A minimum of 9 credits must be exclusive to the minor and cannot be counted toward any other majors/minors/certificate programs.

Neuroscience Minor Requirements (17 credits)

| | |
|-----------|--|
| NEUR 2500 | Introduction to Neuroscience (4 credits) |
| NEUR 2600 | Introduction to Neuroanatomy (3 credits) |
| NEUR 2700 | Research Methods and Data Analysis in Behavioral Neuroscience /Lab (4 credits) <u>OR</u> |
| | NEUR 2705 Research Methods and Data Analysis in Neuroscience/Lab (4 credits) |
| NEUR 3000 | Behavioral Genetics (3 credits) |

Select 3 credits from the following courses:

| | |
|-----------|--------------------------------------|
| PSYC 3900 | Neuropsychology (3 credits) |
| PSYC 3920 | Sensation and Perception (3 credits) |
| PSYC 4300 | Psychophysiology (3 credits) |
| PSYC 4400 | Hormones and Behavior (3 credits) |

PSYCHOLOGY MINOR

The psychology minor is intended to provide students with an overview of psychology and the opportunity to explore areas of psychology that most closely correspond to their interests and goals. This minor can be combined with any major and minor except the psychology major and APS major with a concentration in psychological studies.

Psychology Minor Requirements (18 credits)

At least 9 credits in the minor must be at the 3000 level.

Core Courses (6 credits)

| | |
|-----------|--|
| PSYC 1020 | Introduction to Psychology (3 credits) <u>OR</u> PSYC 1020H Introduction to Psychology Honors (3 credits) |
| PSYC 3710 | History and Theories of Psychology (3 credits) <u>OR</u> PSYC 3760 Cross-Cultural Issues in Psychology (3 credits) |

Minor Electives (12 credits)

Select 12 credits from the following courses:

| | |
|-----------|--|
| PSYC 2010 | Cognitive Processes (3 credits) |
| PSYC 2020 | Foundations of Clinical and Counseling Psychology (3 credits) |
| PSYC 2100 | Biological Bases of Behavior (3 credits) |
| PSYC 2160 | Social Psychology (3 credits) <u>OR</u> PSYC 2160H Social Psychology Honors (3 credits) |
| PSYC 2350 | Life-Span Human Development (3 credits) <u>OR</u> PSYC 2350H Life-Span Human Development Honors (3 credits) |
| PSYC 2600 | Psychological Research Methods (3 credits) |
| PSYC 3210 | Personality (3 credits) |
| PSYC 3260 | Abnormal Psychology (3 credits) |
| PSYC 3520 | Principles of Learning (3 credits) |

PSYCHOLOGY FOR HEALTH SCIENCES MINOR

This psychology minor is ideal for students planning for graduate study and a career in the health sciences. The minor focuses on behavioral science topics most relevant to the health sciences, including cognition and consciousness, psychological disorders, social processes, and the biological bases of behavior, among others. Students preparing for the MCAT may find this minor particularly useful. This minor can be combined with any major and minor except the psychology major/minor. A minimum of 9 credits must be exclusive to the minor and cannot be counted toward any other majors/minors/certificate programs.

Psychology for Health Sciences Minor Requirements (18 credits)

| | |
|----------|---|
| PSYC1020 | Introduction to Psychology (3 credits) <u>OR</u> PSYC 1020H Introduction to Psychology Honors (3 credits) |
| PSYC2010 | Cognitive Processes (3 credits) |
| PSYC2100 | Biological Bases of Behavior (3 credits) |
| PSYC2160 | Social Psychology (3 credits) <u>OR</u> PSYC 2160H Social Psychology Honors (3 credits) |
| PSYC2350 | Life-Span Human Development (3 credits) <u>OR</u> PSYC 2350H Life-Span Human Development Honors (3 credits) |
| PSYC3260 | Abnormal Psychology (3 credits) |

Dr. Kiran C. Patel College of Osteopathic Medicine

Dr. Kiran C. Patel College of Osteopathic Medicine

Dean's Message



The Dr. Kiran C. Patel College of Osteopathic Medicine (KPCOM) is the founding college of NSU's Health Professions Division. We currently offer four pre-med and traditional undergraduate academic programs, the Bachelor of Science in Public Health (B.P.H.), the Bachelor of Science in Human Nutrition (B.S.H.N.), the Bachelor of Science in Health and Wellness Coaching (HAWC), and the Bachelor of Science in Health Informatics (BSHI). As a KPCOM student, you have the opportunity for immersion in experiential learning, clinical and community-based participatory research, global and domestic outreach, and community-based collaborations. You will work with leaders in the profession in the basic sciences, researchers in population health issues, as well as esteemed KPCOM faculty, graduate, and medical students. KPCOM leads the way in providing a multitude of comprehensive, distinctive and innovative pathways to prepare students for rewarding, successful careers. Graduates are well trained for positions in public health, business and industry, education and research, health promotion, food and nutrition management, health informatics, and clinical practice.

A handwritten signature in blue ink that reads "Elaine M. Wallace".

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

Kenneth Tate
Joel Wilentz, M.D.
Howard Neer, D.O.*

*Deceased

Note: As of May 17, 2022

Health Professions Division (HPD) Mission Statement

The mission of Nova Southeastern University Health Professions Division is to train primary care health practitioners in a multidisciplinary setting, with an emphasis on medically challenged areas.

The institutional premise is that health professionals should be trained in a multidisciplinary setting and, whenever possible, with integrated education. The university trains students in concert with other health profession students so that the various disciplines will learn to work together as a team for the good of the public's health. During their didactic work, students share campus facilities and, in some cases, have combined classes. In their clinical experiences, they work together in facilities operated by the university.

Furthermore, the division aims to educate health care practitioners who will eventually increase the availability of health care in areas of Florida that suffer from health care shortages. The division aims to alleviate some of these shortages by exposing the entire student body to the needs, challenges, and rewards of rural, urban, and geriatric care. Existing curricula require all students to attend ambulatory care clerkships in rural or urban areas, or both, making Nova Southeastern University strongly oriented toward a pattern of training its students in areas geographically removed from the health center itself, and to the care of different population groups.

In doing this, it developed training programs that address the primary care needs of the region's most medically challenged populations.

College Mission Statement

The mission of the Dr. Kiran C. Patel College of Osteopathic Medicine is to provide learner-centered education, both nationally and internationally, for osteopathic medical students, postgraduate trainees, physicians, and other professionals. Through its interprofessional programs, the college prepares competent and compassionate lifelong learners; supports research, scholarly activity, and community service. The college advocates for the health and welfare of all populations.

Introduction to College

NSU's Health Professions Division is a dynamic, innovative, and interprofessional, academic center that is comprised of seven colleges, including the Dr. Kiran C. Patel College of Osteopathic Medicine. The Dr. Kiran C. Patel College of Osteopathic Medicine is nationally recognized as a result of the esteemed faculty and staff members who are known for working closely with students.

Faculty engage in ongoing personal interaction with students and are committed to the mentorship and advancement of each student in realizing their unique professional goals.

The Dr. Kiran C. Patel College of Osteopathic Medicine provides interprofessional education that prepares students for the following:

- Professional Careers
- Further exploration through graduate and professional study

The Dr. Kiran C. Patel College of Osteopathic Medicine is accredited by the Commission on Osteopathic College Accreditation of the American Osteopathic Association and is a member of the American Association of Colleges of Osteopathic Medicine.

The Bachelor of Science in Public Health is accredited by the Council on Education for Public Health (CEPH).

The Bachelor of Science in Human Nutrition, Didactic Program in Dietetics (DPD) is accredited by the Accreditation Council for Education in Nutrition and Dietetics (ACEND) (120 South Riverside Plaza, Suite 2190, Chicago, IL 60606-6995, Phone number: 800/877-1600, ext. 5400; eatrightpro.org/acend).

The Bachelor of Science in Health and Wellness Coaching is an approved health and wellness coach training and education program by the National Board for Health and Wellness Coaching (NBHWC). Graduates of this program are eligible to apply for the HWC Certifying Examination to become National Board-Certified Health and Wellness Coach (NBC-HWC).

URINE DRUG SCREENING

HPD students may be required to submit to urine drug screen testing. Students who test positive for illegal or illicit drugs, marijuana even if prescribed or certified by a physician, or for a controlled substance that they do not have a prescription for, will be referred to their college's appropriate committee. Certain colleges may have additional policies. Students are expected to check the college section of their student handbooks for those requirements.

Department of Couple and Family Therapy— Pre-Med and Professional Clinical Options

The Dr. Kiran C. Patel College of Osteopathic Medicine welcomes you to the Department of Couple and Family Therapy. Students pursuing a Health and Wellness Coaching major in the Department of Couple and Family Therapy will have the opportunity to work directly with faculty in the classroom as well as in the community.

In the Health and Wellness Coaching Program, students will develop the knowledge and skills to coach clients of all ages, work closely with their families and health care systems, establish a private practice, and work in a variety of other settings. The choice is yours!

Major

HEALTH AND WELLNESS COACHING MAJOR

The Bachelor of Science in Health and Wellness Coaching (BS-HAWC) degree is an excellent onramp to medical school, graduate degrees in couple and family therapy, public health, or nutrition, in addition to a myriad of other graduate and professional programs. Working alongside professionals in the fields of couple and family therapy, mental health, and medicine, you will learn critical strategies for engaging clients in their exploration and understanding of their unique paths toward wellness. The BS-HAWC degree is also an ideal foundation for students pursuing a medical career through the established dual admission track of completing the BS-HAWC in three or four years followed by a four-year Doctor of Osteopathic Medicine (D.O.) degree.

Program Mission Statement

The mission of the Bachelor of Science (B.S.) in Health and Wellness Coaching program is to support training of future health and wellness coaches who will, while working with individuals, couples, families, and groups, use a strength-based approach to facilitate lifestyle change and motivation to address the need for managing chronic diseases and to get involved in their own healthcare to enhance their wellbeing.

Health and Wellness Coaching Major Learning Outcomes

1. Communicate evidence-based information on health and wellness coaching to support individuals and groups to improve their health and wellbeing.
2. Monitor trends, issues, and policies in the area of health and wellness coaching and incorporate the information into curricula, training programs, and/or individual education sessions.
3. Apply systemic principles to collaborate with clients to develop interventions in support of their health and wellbeing.
4. Demonstrate skills to provide personalized health solutions in a holistic manner, including the ability to develop tailored wellness plans in collaboration with clients and their support systems.
5. Apply research principles and methods to the examination of current problems in healthcare and other relational issues that impact clients' health.
6. Demonstrate the qualities needed to obtain post-graduate education and/or successfully enter the job market as a health and wellness coach.
7. Understand the role of human relationships in the promotion of physical and mental health.

The Department of Couple and Family Therapy's Health and Wellness Coaching program offers two options, a professional health and wellness coaching pathway or a pre-med health and wellness coaching pathway. Students in both pathways are required to take the following health and wellness coaching requirements (39 credits of core health and wellness coaching courses and 18 health and wellness major elective credits)

Health and Wellness Coaching Major Curriculum

General Education Requirements (30 credits)

Students are required to complete 30 credit hours as part of the General Education Program. For specific course requirements, refer to the "General Education Program" section on page 94 of this catalog.

Health and Wellness Coaching Major Requirements (57 credits)

Core Courses (39 credits)

| | |
|-----------|---|
| HAWC 1000 | Introduction to Coaching (3 credits) |
| HAWC 1001 | Human Systems and Family Relationships (3 credits) |
| HAWC 1002 | Overview of Lifespan Wellness (3 credits) |
| HAWC 2003 | Ethics of Coaching (3 credits) |
| HAWC 2030 | Couple and Family Coaching (3 credits) |
| HAWC 2050 | Coaching Different Populations (3 credits) |
| HAWC 3007 | Solution Focused Coaching (3 credits) |
| HAWC 3008 | Coaching Practicum I (3 credits) |
| HAWC 3010 | Private Practice of Coaching (3 credits) |
| HAWC 3011 | Coaching Practicum II (3 credits) |
| HAWC 3033 | Grief Coaching (3 credits) |
| HAWC 4014 | Research Methods and Evaluation in Coaching (3 credits) |
| HAWC 4034 | Chronic Health Conditions and Coaching (3 credits) |

*Pre-Med Health and Wellness Pre-Med Coaching Major Electives (18 credits required) **

| | |
|-----------|---|
| HAWC 1020 | Fitness and Wellness (3 credits) |
| HAWC 2006 | Mindfulness and Meditations for Health (3 credits) |
| HAWC 2020 | Photography and Health and Wellness (3 credits) |
| HAWC 2060 | Coaching in Educational Setting (3 credits) |
| HAWC 2080 | Health and Wellness Coaching and Lifestyle Medicine (3 credits) |
| HAWC 3019 | Integrative Wellness Approaches (3 credits) |
| HAWC 3030 | Recovery Coaching (3 credits) |
| HAWC 3032 | Trauma Coaching (3 credits) |
| HAWC 3080 | Brain Based Coaching (3 credits) |
| HAWC 4020 | Health and Wellness for Older Adults (3 credits) |
| HAWC 4990 | Independent Study (1-3 credits) |

Students in good standing in our 3+4 Dual Admission Doctor of Osteopathic Medicine program may use credits from the first year medical school curriculum (in osteopathic medicine) at NSU, in lieu of taking the major electives required for this undergraduate major. These students must submit the application for their undergraduate degree upon completion of the first year of medical school.

*Students are permitted to take 9 credits of the required 18 major elective credits from the BPH (Bachelor of Science in Public Health), BSHN (Bachelor of Science in Human Nutrition), and/or (BSHI) Bachelor of Science in Health Informatics course prefixes.

PRE-MED HEALTH AND WELLNESS COACHING MAJOR

General Education Requirements (30 credits)

Students are required to complete 30 credit hours as part of the General Education Program. For specific course requirements, refer to the "General Education Program" section on page 94 of this catalog.

Pre-Med Health and Wellness Coaching Major Requirements (57 credits)

Core Courses (39 credits)

| | |
|-----------|--|
| HAWC 1000 | Introduction to Coaching (3 credits) |
| HAWC 1001 | Human Systems and Family Relationships (3 credits) |
| HAWC 1002 | Overview of Lifespan Wellness (3 credits) |
| HAWC 2003 | Ethics of Coaching (3 credits) |
| HAWC 2030 | Couple and Family Coaching (3 credits) |

| | |
|-----------|---|
| HAWC 2050 | Coaching Different Populations (3 credits) |
| HAWC 3007 | Solution Focused Coaching (3 credits) |
| HAWC 3008 | Coaching Practicum I (3 credits) |
| HAWC 3010 | Private Practice of Coaching (3 credits) |
| HAWC 3011 | Coaching Practicum II (3 credits) |
| HAWC 3033 | Grief Coaching (3 credits) |
| HAWC 4014 | Research Methods and Evaluation in Coaching (3 credits) |
| HAWC 4034 | Chronic Health Conditions and Coaching (3 credits) |

Pre-Med Health and Wellness Pre-Med Coaching Major Electives (18 credits required)*

| | |
|-----------|---|
| HAWC 1020 | Fitness and Wellness (3 credits) |
| HAWC 2006 | Mindfulness and Meditations for Health (3 credits) |
| HAWC 2020 | Photography and Health and Wellness (3 credits) |
| HAWC 2060 | Coaching in Educational Setting (3 credits) |
| HAWC 2080 | Health and Wellness Coaching and Lifestyle Medicine (3 credits) |
| HAWC 3019 | Integrative Wellness Approaches (3 credits) |
| HAWC 3030 | Recovery Coaching (3 credits) |
| HAWC 3032 | Trauma Coaching (3 credits) |
| HAWC 3080 | Brain Based Coaching (3 credits) |
| HAWC 4020 | Health and Wellness for Older Adults (3 credits) |
| HAWC 4990 | Independent Study (1-3 credits) |

Pre-Med Health and Wellness Coaching (Required Open Electives)

Science Requirements (36 credits)

| | |
|-----------|--|
| BIOL 1500 | Biology I/Lab (4 credits) |
| BIOL 1510 | Biology II/Lab (4 Credits) |
| CHEM 1300 | General Chemistry I/Lab (4 Credits) <u>OR</u> CHEM 1300H General Chemistry I/Lab Honors (4 Credits) |
| CHEM 1310 | General Chemistry II/Lab (4 Credits) <u>OR</u> CHEM 1310H General Chemistry II/Lab Honors (4 Credits) |
| CHEM 2400 | Organic Chemistry I/Lab (4 Credits) <u>OR</u> CHEM 2400H Organic Chemistry I/Lab Honors (4 Credits) |
| CHEM 2410 | Organic Chemistry II/Lab (4 Credits) <u>OR</u> CHEM2410H Organic Chemistry II/Lab Honors (4 Credits) |
| CHEM 3650 | Biochemistry/Lab (4 Credits) |
| PHYS 2350 | General Physics I/Lab (4 Credits) <u>OR</u> PHYS 2350H General Physics I/Lab Honors (4 Credits) <u>OR</u> |
| PHYS 2400 | Physics I/Lab (4 Credits) |
| PHYS 2360 | General Physics II/Lab (4 Credits) <u>OR</u> PHYS 2360H General Physics II/Lab Honors (4 Credits) <u>OR</u> PHYS 2500 Physics I/Lab |

Students in good standing in our 3+4 Dual Admission Doctor of Osteopathic Medicine program may use credits from the first year medical school curriculum (in osteopathic medicine) at NSU, in lieu of taking the major electives required for this undergraduate major. These students must submit the application for their undergraduate degree upon completion of the first year of medical school.

*Students are permitted to take 9 credits of the required 18 major elective credits from the BPH (Bachelor of Science in Public Health), BSHN (Bachelor of Science in Human Nutrition), and/or (BSHI) Bachelor of Science in Health Informatics course prefixes.

Minor

HEALTH AND WELLNESS COACHING MINOR

The Health and Wellness Coaching Minor provides curriculum to explore coaching across the lifespan. Academic coursework covers the foundations of health and wellness coaching, systems theory, and behavioral health. Our innovative faculty offer students an opportunity to delve into the intricacies of a career in health and wellness coaching.

Health and Wellness Coaching Minor Requirements (18 credits)

| | |
|-----------|--------------------------------------|
| HAWC 1000 | Introduction to Coaching (3 credits) |
|-----------|--------------------------------------|

| | |
|-----------|--|
| HAWC 1002 | Overview of Lifespan Wellness (3 credits) |
| HAWC 2003 | Ethics of Coaching (3 credits) |
| HAWC 4034 | Chronic Health Conditions and Coaching (3 credits) |

AND

Select 6 credits from any of the required or elective courses in the HAWC (Bachelor of Science in Health and Wellness Coaching), BPH (Bachelor of Science in Public Health), BSHN (Bachelor of Science in Human Nutrition) programs, and/or BSHI (Bachelor of Science in Health Informatics) course prefixes.

Department of Nutrition Didactic Program in Dietetics (DPD) and Pre-Med Option

Prepare to use the power of nutrition to fuel your career options. Food and nutrition occupations are among today's fastest growing occupations, more than double the national average. The Bachelor of Science in Human Nutrition (BSHN) program delivers broad knowledge in applied nutrition, nutrition education, public policy, advocacy, nutrition therapy, leadership and management, and food production. Completing this degree can open doors to exciting career opportunities and further graduate studies. Students are well prepared for positions in public health, business and industry, education and research, health promotion, food and nutrition management and clinical dietetics. A B.S. in Human Nutrition will also distinguish you and provide a foundational pathway to pursue many graduate programs at Nova Southeastern University (NSU), including, but not limited to osteopathic medicine, allopathic medicine, nutrition, public health, physical therapy, physician assistant, athletic training, and exercise and sports science.

Major

HUMAN NUTRITION MAJOR

The program will present the essential concepts from nutrition and dietetics, health and wellness, and current research in an innovative curriculum that builds upon the medical sciences such as anatomy, chemistry, biochemistry, and microbiology. Courses and experiential activities throughout the program provide a practical focus that will complement many areas of interest, such as community programming, sports and fitness, food services, business, marketing and communications, public health, and professional practice.

Overall, an important goal of the BSHN program is to provide strong preparation for future medical students in an area of study closely aligned with preventative health care and medicine. NSU's Dual Admission Program is one of the first in the nation to offer an accelerated, seven-year academic path from the BSHN program to the Doctor of Osteopathic Medicine Degree (D.O.). Information regarding dual-admission programs can be obtained through the Office of Undergraduate Admissions.

The program offers a broad base of interests and potential career outcomes such as education, food services, industry, research, and professional school. This program also carries a specialty accreditation, as a Bachelor of Science in Human Nutrition, Didactic Program in Dietetics (DPD) and it complies with components of the Accreditation Council for Education in Nutrition and Dietetics (ACEND) DPD 2022 Standards.

Students are provided with the academic foundation as a first step in the professional pathway to becoming a registered dietitian nutritionist. Graduates of this program receive a verification statement that will qualify them to apply for ACEND-accredited supervised practice programs to qualify to take the registration examination for dietitians provided by the Commission on Dietetic Registration (CDR). The verification statement will also allow graduates to take the credentialing exam to nutrition and dietetic technicians, registered without obtaining further training. This is para-professional certification within the nutrition and dietetics profession that has many employment opportunities as well.

Nutrition and Dietetics Profession

The Accreditation Council for Education in Nutrition and Dietetics (ACEND) is the accrediting agency for educational programs to become a Registered Dietitian Nutritionist (RDN). Accreditation is necessary to assure that the education and training received by students meets quality assurance standards, and to guarantee that students from any accredited program have been taught the same foundational knowledge requirements. See the ACEND website for more details on this process.

Requirements for a Registered Dietitian Nutritionist (RDN)

Program graduates who pursue the registered dietitian (RDN) credential have to take the following required steps:

1. Earn a minimum of a graduate degree from an accredited dietetics program. A master's degree is required to be eligible for the RDN exam.

2. Complete a supervised practice requirement.
3. Pass a national examination administered by the Commission on Dietetic Registration (CDR)

Program Mission

The mission of the Bachelor of Science in Human Nutrition (Didactic Program in Dietetics) is to prepare students for pursuit of advanced degrees and various careers in the field of nutrition and dietetics through an innovative, engaging program which integrates fundamental concepts in nutrition sciences, human health promotion and disease prevention, research trends, practical skills, and professional communication techniques.

Program Goals

- Prepare graduates for acceptance into a supervised practice program or graduate school.
- Prepare graduates for a career in the field of nutrition and dietetics.

Program Objectives

- At least 80% of students complete program requirements within 72 months or 6 years (150% of the planned program length).
- At least 30 percent of program graduates apply for admission to a supervised practice program prior to or within 12 months of graduation.
- Of program graduates who apply to a supervised practice program, at least 50 percent are admitted within 12 months of graduation.
- The program's one-year pass rate (graduates who take and pass the registration exam within one year of first attempt) on the CDR credentialing exam for dietitian nutritionists is at least 80%.
- At least 70% of employers surveyed will rate the program graduate's performance and level of graduate's preparation for an entry-level position and overall performance in the position at 3 or higher (on a scale from 1 to 5, 5 is highest) within 12 months of graduation.
- At least 70% of graduates who respond to the alumni survey after one year will indicate a mean satisfaction rating of 3 or higher (on a scale of 1 to 5, 5 being highest) with their level of preparation for their employment or graduate program.

For more information regarding the DPD program, please visit the website: osteopathic.nova.edu/degrees/bachelors/nutrition/.

Human Nutrition Major Learning Outcomes

1. Explain and apply scientific concepts by which nutrients are consumed, digested, metabolized, absorbed and excreted through biological functions.
2. Differentiate nutritional needs throughout the lifecycle and implement appropriate interventions that are sensitive to cultural practices and beliefs.
3. Integrate wellness guidelines in promoting healthy nutrition behaviors and health risk reduction through public health applications.
4. Demonstrate appropriate communication skills and abilities related to nutrition topics in both group and individual experiences.
5. Evaluate the economic, political, social, cultural, and agricultural factors that influence food and nutrition policies that impact safe food access and population health.
6. Utilize management and leadership concepts in food service systems such as menu planning, cost analysis, staffing, food safety, and the nutrition care process.

The Department of Nutrition offers two program options, a didactic program in dietetics pathway or a pre-med human nutrition pathway. Both pathways are required to take the following Human Nutrition requirements (42 credits of core human nutrition courses and 15 human nutrition major elective credits).

Human Nutrition Major Curriculum

General Education Requirements (30 credits)

Students are required to complete 30 credit hours as part of the General Education Program. For specific course requirements, refer to the "General Education Program" section on page 94 of this catalog.

Human Nutrition Major Requirements (57 credits)

Core Courses (42 credits)

| | |
|-----------|--|
| BSHN 1200 | Nutrition for the Health Professions (3 credits) |
| BSHN 1300 | Careers in Nutrition (3 credits) |
| BSHN 2000 | Principles of Wellness (3 credits) |
| BSHN 2100 | Food and Culture (3 credits) |
| BSHN 2300 | Nutrition Education, Counseling, and Communication (3 credits) |
| BSHN 2400 | Community Nutrition (3 credits) |
| BSHN 2500 | Introduction to Food Service Systems (3 credits) |
| BSHN 3000 | LifeSpan Nutrition (3 credits) |
| BSHN 3100 | Nutrition Advocacy and Public Policy (3 credits) |
| BSHN 3200 | Nutrition at the Cellular Level (3 credits) |
| BSHN 4000 | Exploring Nutrition Research (3 credits) |
| BSHN 4100 | Principles of Medical Nutrition Therapy (3 credits) |
| BSHN 4200 | Human Function and Nutrition (3 credits) |
| BSHN 4300 | Principles of Medical Nutrition Therapy II (3 credits) |

Human Nutrition Major Electives (15 credits required)*

| | |
|------------|--|
| BSHN 1400 | Nutrition Seminar (3 credits) |
| BSHN 2250 | Hot Topics in Nutrition (3 credits) |
| BSHN 3300 | Global Nutrition (3 credits) |
| BSHN 3400 | Plant-Based Nutrition (3 credits) |
| BSHN 3500 | Interprofessional Models of Nutrition Care (3 credits) |
| BSHN 3600 | Nutritional Implications for Special Populations (3 credits) |
| BSHN 4400 | Directed Individual Study (3 credits) |
| HONR 2020L | Nutrition Facts and Fiction (3 credits) |
| BPH 4900 | Global Outreach and Applied Learning (3 credits) |
| BPH 4901 | Domestic Outreach and Applied Learning (3 credits) |

Students in good standing in our 3+4 Dual Admission Doctor of Osteopathic Medicine program may use credits from the first year medical school curriculum (in osteopathic medicine) at NSU, in lieu of taking the major electives required for this undergraduate major. These students must submit the application for their undergraduate degree upon completion of the first year of medical school.

*Students are permitted to take 6 credits of the required 15 major elective credits from the BPH (Bachelor of Science in Public Health), HAWC (Bachelor of Science in Health and Wellness Coaching), and/or Bachelor of Science in Health Informatics (BSHI) course prefixes.

PRE-MED HUMAN NUTRITION MAJOR

Pre-Med Human Nutrition Major Curriculum

General Education Requirements (30 credits)

Students are required to complete 30 credit hours as part of the General Education Program. For specific course requirements, refer to the "General Education Program" section on page 94 of this catalog.

Pre-Med Human Nutrition Major Requirements (57 credits)

Core Courses (42 credits)

| | |
|-----------|--|
| BSHN 1200 | Nutrition for the Health Professions (3 credits) |
| BSHN 1300 | Careers in Nutrition (3 credits) |
| BSHN 2000 | Principles of Wellness (3 credits) |
| BSHN 2100 | Food and Culture (3 credits) |
| BSHN 2300 | Nutrition Education, Counseling, and Communication (3 credits) |
| BSHN 2400 | Community Nutrition (3 credits) |
| BSHN 2500 | Introduction to Food Service Systems (3 credits) |
| BSHN 3000 | LifeSpan Nutrition (3 credits) |

| | |
|-----------|--|
| BSHN 3100 | Nutrition Advocacy and Public Policy (3 credits) |
| BSHN 3200 | Nutrition at the Cellular Level (3 credits) |
| BSHN 4000 | Exploring Nutrition Research (3 credits) |
| BSHN 4100 | Principles of Medical Nutrition Therapy (3 credits) |
| BSHN 4200 | Human Function and Nutrition (3 credits) |
| BSHN 4300 | Principles of Medical Nutrition Therapy II (3 credits) |

Pre-Med Human Nutrition Major Electives (15 credits required)*

| | |
|------------|--|
| BSHN 1400 | Nutrition Seminar (3 credits) |
| BSHN 2250 | Hot Topics in Nutrition (3 credits) |
| BSHN 3300 | Global Nutrition (3 credits) |
| BSHN 3400 | Plant-Based Nutrition (3 credits) |
| BSHN 3500 | Interprofessional Models of Nutrition Care (3 credits) |
| BSHN 3600 | Nutritional Implications for Special Populations (3 credits) |
| BSHN 4400 | Directed Individual Study (3 credits) |
| HONR 2020L | Nutrition Facts and Fiction (3 credits) |
| BPH 4900 | Global Outreach and Applied Learning (3 credits) |
| BPH 4901 | Domestic Outreach and Applied Learning (3 credits) |

Pre-Med Human Nutrition (Required Open Electives)

Science Requirements (36 credits)

| | |
|-----------|--|
| BIOL 1500 | Biology I/Lab (4 credits) |
| BIOL 1510 | Biology II/Lab (4 Credits) |
| CHEM 1300 | General Chemistry I/Lab (4 Credits) <u>OR</u> CHEM 1300H General Chemistry I/Lab Honors (4 Credits) |
| CHEM 1310 | General Chemistry II/Lab (4 Credits) <u>OR</u> CHEM 1310H General Chemistry II/Lab Honors (4 Credits) |
| CHEM 2400 | Organic Chemistry I/Lab (4 Credits) <u>OR</u> CHEM 2400H Organic Chemistry I/Lab Honors (4 Credits) |
| CHEM 2410 | Organic Chemistry II/Lab (4 Credits) <u>OR</u> CHEM2410H Organic Chemistry II/Lab Honors (4 Credits) |
| CHEM 3650 | Biochemistry/Lab (4 Credits) |
| PHYS 2350 | General Physics I/Lab (4 Credits) <u>OR</u> PHYS 2350H General Physics I/Lab Honors (4 Credits) <u>OR</u> |
| PHYS 2400 | Physics I/Lab (4 Credits) |
| PHYS 2360 | General Physics II/Lab (4 Credits) <u>OR</u> PHYS 2360H General Physics II/Lab Honors (4 Credits) <u>OR</u> PHYS 2500 Physics I/Lab |

Students in good standing in our 3+4 Dual Admission Doctor of Osteopathic Medicine program may use credits from the first-year medical school curriculum (in osteopathic medicine) at NSU, in lieu of taking the major electives required for this undergraduate major. These students must submit the application for their undergraduate degree upon completion of the first year of medical school.

*Students are permitted to take 6 credits of the required 15 major elective credits from the BPH (Bachelor of Science in Public Health), HAWC (Bachelor of Science in Health and Wellness Coaching), and /or Bachelor of Science in Health Informatics (BSHI) course prefixes.

Minor

HUMAN NUTRITION MINOR

The Human Nutrition minor provides a focused curriculum in the life sciences, health and wellness, nutrition communication, and population health. The 18-credit course of study prepares students with a broad understanding of the intricate relationships between nutrition and human health. This minor can be combined with any major and minor.

Human Nutrition Minor Requirements (18 credits)

| | |
|-----------|--|
| BSHN 1200 | Nutrition in the Health Professions (3 credits) |
| BSHN 2000 | Principles of Wellness (3 credits) |
| BSHN 2300 | Nutrition Education, Counseling, and Communication (3 credits) |
| BSHN 3000 | Lifespan Nutrition (3 credits) |

PLUS

Select 6 credits from any of the required or elective courses in the BSHN (Bachelor of Science in Human Nutrition), Bachelor of Science in Public Health (BPH), the HAWC (Bachelor of Science in Health and Wellness Coaching), and/or the BSHI (Bachelor of Science in Health Informatics) course prefixes.

Department of Public Health Pre-Med and Professional Public Health Options

There is a growing need for public health professionals to address emerging and re-emerging diseases, environmental health concerns, health care reform, proliferation of agents and weapons of mass destruction, sociopolitical factors affecting health and health care systems, and global health. Public health professionals may work in a variety of settings including 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 organizations, government and nongovernmental health organizations, and the corporate world.

Major

PUBLIC HEALTH MAJOR

Public health is one of the most in-demand fields in healthcare. This unique undergraduate program integrates a public health core curriculum with current healthcare topics influencing populations on both a global and local scale. Students who complete this program will have a solid foundation in public health that is crafted from a combination of hands-on experiences and faculty-led instruction. The mission of the Bachelor of Science in Public Health program is to develop a public health and healthcare workforce to improve population health and health equity through research, service, and dynamic learning experiences. NSU's Bachelor of Science in Public Health program is accredited by the Council on Education for Public Health.

An undergraduate degree in public health is also an ideal option for students pursuing a medical career through the established track of completing the B.S.P.H. in three or four years followed by a four-year Doctor of Osteopathic Medicine (DO) degree. A dual admission program is available for qualified, high-achieving students. Information regarding dual-admission programs can be obtained through the Office of Undergraduate Admissions.

Program Mission

The mission of the Bachelor of Science in Public Health program is to develop a public health and healthcare workforce to improve population health and health equity through research, service, and dynamic learning experiences.

Public Health Major Learning Outcomes

1. Demonstrate a working knowledge of the core areas of public health education: epidemiology; biostatistics; environmental health; social and behavioral sciences.
2. Demonstrate essential knowledge of the core functions of public health: assessment, policy development and assurance.
3. Demonstrate an understanding of the ecological model of health behavior and the logic model of public health practice.
4. Apply evidence-based principles to public health practice.
5. Demonstrate an understanding of the principles of research design and analysis.
6. Describe the scientific foundation for understanding health and disease, as well as chronic, infectious and emerging diseases.
7. Demonstrate essential knowledge of population health and vulnerable population groups.
8. Explain the impact of health behaviors and culture.
9. Identify emerging topics in public health, including nutrition, disaster preparedness, and infectious diseases.

The Department of Public Health offers two program options, a professional public health pathway or a pre-med public health pathway. Both pathways are required to take the following Public Health requirements (39 credits of core public health courses and 18 public health major elective credits).

Public Health Major Curriculum

General Education Requirements (30 credits)

Students are required to complete 30 credit hours as part of the General Education Program. For specific course requirements, refer to the "General Education Program" section on page 94 of this catalog.

Public Health Major Requirements (57 credits)

Core Courses (39 credits)

| | |
|----------|--|
| BPH 1010 | Foundations of Public Health (3 credits) |
| BPH 1020 | Principles of Health Behavior (3 credits) |
| BPH 2022 | Public Health Biology (3 credits) |
| BPH 2030 | Public Health Seminar (3 credits) |
| BPH 2040 | Health Communication (3 credits) |
| BPH 2050 | Community Health (3 credits) |
| BPH 3010 | Concepts in Epidemiology (3 credits) <u>OR</u> BPH 3010H Epidemiology: Distribution and Determinants of Health (3 credits) |
| BPH 3020 | Public Health Leadership and Management (3 credits) |
| BPH 3030 | Introduction to Global Health (3 credits) |
| BPH 4020 | Policies, Systems, and Environments of Healthcare (3 credits) |
| BPH 4910 | Environmental and Occupational Health (3 credits) |
| BPH 4950 | Essentials of Public Health Planning (3 credits) |
| BPH 4951 | Community Based Health Project (3 credits) |

Public Health Major Electives (18 credits required)*

| | |
|--------------|--|
| BPH 2010 | Human Genomics (3 credits) |
| BPH 2060 | Introduction to School Health (3 credits) |
| BPH 2070 | Introduction to Public Health Research (3 credits) |
| BPH 2075 | Collaborative Research in Public Health (3 credits) |
| BPH 2080 | Dimensions of Wellness (3 credits) |
| BPH 2090 | Special Topics in Public Health (3 credits) |
| BPH 3040 | Public Health Issues in Disasters (3 credits) |
| BPH 3970 | Disparities and Health (3 credits) |
| BPH 3990 | Understanding Mental Health as Public Health (3 credits) |
| BPH 3990 (H) | Inside Out: Exploring Mental Health and Well-Being |
| BPH 4900 | Global Outreach and Applied Learning (3 credits) |
| BPH 4901 | Domestic Outreach and Applied Learning (3 credits) |
| BPH 4901B | Local Outreach and Applied Learning (3 credits) |
| BPH 4920 | Population Health Outcomes and Analysis (3 credits) |
| BPH 4980 | Ethical Issues in Population Health (3 credits) |
| HONR 2020E | Grant Writing for Human Subjects Research and Human Services (3 credits) |
| BPH 4990 | Independent Study in Public Health (1, 2, 3 credits) |

Students in good standing in our 3+4 Dual Admission Doctor of Osteopathic Medicine program may use credits from the first year medical school curriculum (in osteopathic medicine) at NSU, in lieu of taking the major electives required for this undergraduate major. These students must submit the application for their undergraduate degree upon completion of the first year of medical school.

*Students are permitted to take 9 of the required 18 major elective credits from the BSHN (Bachelor of Science in Human Nutrition), HAWC (Bachelor of Science in Health and Wellness Coaching), and/or BSHI (Bachelor of Science in Health Informatics) course prefixes.

Pre-Med Public Health Major Curriculum

General Education Requirements (30 credits)

Students are required to complete 30 credit hours as part of the General Education Program. For specific course requirements, refer to the "General Education Program" section on page 94 of this catalog.

Pre-Med Public Health Public Health Major Requirements (57 credits)

Core Courses (39 credits)

| | |
|----------|---|
| BPH 1010 | Foundations of Public Health (3 credits) |
| BPH 1020 | Principles of Health Behavior (3 credits) |
| BPH 2022 | Public Health Biology (3 credits) |
| BPH 2030 | Public Health Seminar (3 credits) |
| BPH 2040 | Health Communication (3 credits) |
| BPH 2050 | Community Health (3 credits) |
| BPH 3010 | Concepts in Epidemiology (3 credits) <u>OR</u> BPH 3010(H) Epidemiology: Distribution and Determinants of Health (3 credits) |
| BPH 3020 | Public Health Leadership and Management (3 credits) |
| BPH 3030 | Introduction to Global Health (3 credits) |
| BPH 4020 | Policies, Systems, and Environments of Healthcare (3 credits) |
| BPH 4910 | Environmental and Occupational Health (3 credits) |
| BPH 4950 | Essentials of Public Health Planning (3 credits) |
| BPH 4951 | Community Based Health Project (3 credits) |

Pre-Med Public Health Public Health Major Electives (18 credits required)*

| | |
|--------------|--|
| BPH 2010 | Human Genomics (3 credits) |
| BPH 2060 | Introduction to School Health (3 credits) |
| BPH 2070 | Public Health Research Methods (3 credits) |
| BPH 2075 | Collaborative Research in Public Health (3 credits) |
| BPH 2080 | Dimensions of Wellness (3 credits) |
| BPH 2090 | Special Topics in Public Health (3 credits) |
| BPH 3040 | Public Health Issues in Disasters (3 credits) |
| BPH 3970 | Disparities and Health (3 credits) |
| BPH 3990 | Understanding Mental Health as Public Health (3 credits) |
| BPH 3990 (H) | Inside Out: Exploring Mental Health and Well-Being (3 credits) |
| BPH 4900 | Global Outreach and Applied Learning (3 credits) |
| BPH 4901 | Domestic Outreach and Applied Learning (3 credits) |
| BPH 4901B | Local Outreach and Applied Learning (3 credits) |
| BPH 4920 | Population Health Outcomes and Analysis (3 credits) |
| BPH 4980 | Ethical Issues in Population Health (3 credits) |
| HONR 2020E | Grant Writing for Human Subjects Research and Human Services (3 credits) |
| BPH 4990 | Independent Study in Public Health (1, 2, 3 credits) |

Pre-Med Public Health (Required Open Electives)

Science Requirements (36 credits)

| | |
|-----------|---|
| BIOL 1500 | Biology I/Lab (4 credits) |
| BIOL 1510 | Biology II/Lab (4 Credits) |
| CHEM 1300 | General Chemistry I/Lab (4 Credits) <u>OR</u> CHEM 1300H General Chemistry I/Lab Honors (4 Credits) |
| CHEM 1310 | General Chemistry II/Lab (4 Credits) <u>OR</u> CHEM 1310H General Chemistry II/Lab Honors (4 Credits) |
| CHEM 2400 | Organic Chemistry I/Lab (4 Credits) <u>OR</u> CHEM 2400H Organic Chemistry I/Lab Honors (4 Credits) |
| CHEM 2410 | Organic Chemistry II/Lab (4 Credits) <u>OR</u> CHEM2410H Organic Chemistry II/Lab Honors (4 Credits) |
| CHEM 3650 | Biochemistry/Lab (4 Credits) |
| PHYS 2350 | General Physics I/Lab (4 Credits) <u>OR</u> PHYS 2350H General Physics I/Lab Honors (4 Credits) <u>OR</u> |
| PHYS 2400 | Physics I/Lab (4 Credits) |
| PHYS 2360 | General Physics II/Lab (4 Credits) <u>OR</u> PHYS 2360H General Physics II/Lab Honors (4 Credits) <u>OR</u> |

PHYS 2500 Physics I/Lab

Students in good standing in our 3+4 Dual Admission Doctor of Osteopathic Medicine program may use credits from the first-year medical school curriculum (in osteopathic medicine) at NSU, in lieu of taking the major electives required for this undergraduate major. These students must submit the application for their undergraduate degree upon completion of the first year of medical school.

*Students are permitted to take 9 of the required 18 major elective credits from the BSHN (Bachelor of Science in Human Nutrition), HAWC (Bachelor of Science in Health and Wellness Coaching), and/or BSHI (Bachelor of Science in Health Informatics) course prefixes.

Minor

PUBLIC HEALTH MINOR

The Dr. Kiran C. Patel College of Osteopathic Medicine Public Health Minor provides curriculum in areas relevant to foundations of public health, theories of health behavior, and community health. The interprofessional background of our faculty offer students a realistic look into how public health ensures the health and wellness of communities.

Public Health Minor Requirements (18 credits)

- BPH 1010 Foundations of Public Health (3 credits)
- BPH 1020 Principles of Health Behavior (3 credits)
- BPH 2050 Community Health (3 credits)

AND

Select 9 credits from any of the required or elective courses in the BPH (Bachelor of Science in Public Health), the BSHN (Bachelor of Science in Human Nutrition), the HAWC (Bachelor of Science in Health and Wellness Coaching), and/or the BSHI (Bachelor of Science in Health Informatics) course prefixes.

Department of Health Informatics

Health Informatics (HI) is an emerging field comprised of a conceptual framework of technology, informatics, and a practical knowledge of health care. The past decade has seen an explosive use of technology in health care, which continues today. This has created a demand for well-trained HI workers across all health sectors. Graduates of the program will have confidence to work successfully in a variety of settings such as public or private health care organizations, academia, or the corporate world. Graduates will be well poised to access a variety of professional career opportunities including manager medical informatics, systems data analysis and data entry specialist, health information technician, implementation specialist, clinical specialist, and systems analysts.

Major

HEALTH INFORMATICS MAJOR

The undergraduate HI program is a unique program both locally and nationally for a variety of reasons. The program represents a collaborative effort between two prominent colleges, Dr. Kiren C. Patel College of Osteopathic Medicine (KPCOM) and the College of Computing and Engineering (CCE). The undergraduate degree in HI is also an ideal option for students pursuing a medical career through the established track of completing the BSHI in three or four years followed by a four-year Doctor of Osteopathic Medicine (DO) degree. A dual admission program is available for qualified, high-achieving students. The program offers a dual admission option into the MS program in Health Informatics. Information regarding dual-admission programs can be obtained through the Office of Undergraduate Admissions.

The HI curriculum is purposely structured to allow students to explore and learn the field of HI and its impact locally, nationally, and globally. Graduates of the program will have a solid foundation in HI. The HI program utilizes a combination of practical experiences and faculty-led instruction that engages and immerses students in the subject. Fundamental and advanced topics include the health care system, legal and ethical issues in HI, security in HI, analytics, and data science. Students will have HI focused electives from which to choose from that will expand their knowledge and skills such as management and leadership, project management, bioinformatics, research methods, computer programing, and human computer interaction.

Health Informatics Major Learning Outcomes

1. Demonstrate essential knowledge of the core areas of HI: health information science and technology; informatics; and a practical knowledge of health care.
2. Analyze HIT issues and identify, design, implement solutions.
3. Interpret the impact that the legal, and regulatory requirements have on HIT.
4. Develop skills in the managerial sciences and leadership, and apply appropriately to the HIT environment.
5. Recognize how social and behavior sciences impact health systems and HIT.
6. Demonstrate the abilities necessary to pursue graduate education and/or successfully enter the job market.

Health Informatics Major Curriculum

General Education Requirements (30 credits)

Students are required to complete 30 credit hours as part of the General Education Program. For specific course requirements, refer to the "General Education Program" section on page 94 of this catalog.

Health Informatics Major Requirements (57 credits)

Core Courses (39 credits)

| | |
|-----------|---|
| BSHI 1001 | Principles of Health Informatics (3 credits) |
| BSHI 1002 | Overview of the US Health Care System (3 credits) |
| BSHI 2001 | Principles of Health Care Quality (3 credits) |
| BSHI 2002 | Legal and Ethical Issues in Health Informatics (3 credits) <i>OR</i> BSHI 2002H Legal and Ethical Issues in Health Informatics (3 credits) |

| | |
|-----------|---|
| BSHI 3001 | Electronic Health Records (3 credits) |
| BSHI 3002 | Health Informatics Security (3 credits) |
| BSHI 3005 | Health Informatics Seminar (3 credits) |
| BSHI 4007 | Health Informatics Practicum I (3 credits) |
| BSHI 4008 | Health Informatics Practicum II (3 credits) |
| TECH 1110 | Technology in the Information Age (3 credits) |
| TECH 2010 | Excel at Spreadsheets (3 credits) |
| TECH 2020 | Programming for Everyone (3 credits) |
| TECH 3100 | Introduction to Data Science (3 credits) |

Health Informatics Major Electives (18 credits required) *

| | |
|-----------|--|
| BSHI 2004 | Health Information Exchange (3 credits) |
| BSHI 2006 | Principles of Management and Leadership in Health Care Organizations (3 credits) |
| BSHI 2008 | Principles of Health Information Technology Governance (3 credits) |
| BSHI 2010 | Principles of Project Management in Health Care (3 credits) |
| BSHI 3003 | Special Topics in Health Informatics (3 credits) |
| BSHI 3004 | Bioinformatics (3 credits) |
| BSHI 3006 | Public Health Informatics (3 credits) |
| BSHI 4004 | Health Informatics Research Methods (3 credits) |
| BSHI 4006 | Independent Study in Health Informatics (1,2 or 3 credits) |
| CSIS 2000 | Introduction to Database Systems (3 credits) |
| CSIS 2101 | Fundamentals of Computer Programming (3 credits) |
| CSIS 3020 | Web Programming and Design (3 credits) |
| CSIS 3500 | Networks and Data Communication (3 credits) |
| CSIS 4010 | Computer Security (3 credits) |
| CSIS 4311 | Web Services and Systems (3 credits) |
| CSIS 4351 | Human Computer Interactions (3 credits) |

Students in good standing in our 3+4 Dual Admission Doctor of Osteopathic Medicine program may use credits from the first year medical school curriculum (in osteopathic medicine) at NSU, in lieu of taking the major electives required for this undergraduate major. These students must submit the application for their undergraduate degree upon completion of the first year of medical school.

*Students are permitted to take 6 of the 18 major elective credits from the required or elective courses in the BPH (Bachelor of Science in Public Health), BSHN (Bachelor of Science in Human Nutrition), HAWC (Health and Wellness Coaching), or from the designated courses with the BSHI prefix.

PRE-MED HEALTH INFORMATICS MAJOR

Pre-Med Health Informatics Major Curriculum

General Education Requirements (30 credits)

Students are required to complete 30 credit hours as part of the General Education Program. For specific course requirements, refer to the "General Education Program" section on page 94 of this catalog.

Pre-Med Health Informatics Major Requirements (57 credits)

Core Courses (39 credits)

| | |
|-----------|---|
| BSHI 1001 | Principles of Health Informatics (3 credits) |
| BSHI 1002 | Overview of the US Health Care System (3 Credits) |
| BSHI 2001 | Principles of Health Care Quality (3 credits) |
| BSHI 2002 | Legal and Ethical Issues in Health Informatics (3 credits) <i>OR</i> BSHI 2002H Legal and Ethical Issues in Health Informatics (3 credits) |
| BSHI 3001 | Electronic Health Records (3 credits) |
| BSHI 3002 | Health Informatics Security (3 credits) |
| BSHI 3005 | Health Informatics Seminar (3 credits) |
| BSHI 4007 | Health Informatics Practicum I (3 credits) |

| | |
|-----------|---|
| BSHI 4008 | Health Informatics Practicum II (3 credits) |
| TECH 1110 | Technology in the Information Age (3 credits) |
| TECH 2010 | Excel at Spreadsheets (3 credits) |
| TECH 2020 | Programming for Everyone (3 credits) |
| TECH 3100 | Introduction to Data Science (3 credits) |

Pre-Med Health Informatics Major Electives (18 credits required) *

| | |
|-----------|--|
| BSHI 2004 | Health Information Exchange (3 credits) |
| BSHI 2006 | Principles of Management and Leadership in Health Care Organizations (3 credits) |
| BSHI 2008 | Principles of Health Information Technology Governance (3 credits) |
| BSHI 2010 | Principles of Project Management in Health Care (3 credits) |
| BSHI 3003 | Special Topics in Health Informatics (3 credits) |
| BSHI 3004 | Bioinformatics (3 credits) |
| BSHI 3006 | Public Health Informatics (3 credits) |
| BSHI 4004 | Health Informatics Research Methods (3 credits) |
| BSHI 4006 | Independent Study in Health Informatics (1,2 or 3 credits) |
| CSIS 2000 | Introduction to Database Systems (3 credits) |
| CSIS 2101 | Fundamentals of Computer Programming (3 credits) |
| CSIS 3020 | Web Programming and Design (3 credits) |
| CSIS 3500 | Networks and Data Communication (3 credits) |
| CSIS 4010 | Computer Security (3 credits) |
| CSIS 4311 | Web Services and Systems (3 credits) |
| CSIS 4351 | Human Computer Interaction (3 credits) |

Pre-Med Health Informatics (Required Open Electives)

Science Requirements (36 credits)

| | |
|-----------|---|
| BIOL 1500 | Biology I/Lab (4 credits) |
| BIOL 1510 | Biology II/Lab (4 Credits) |
| CHEM 1300 | General Chemistry I/Lab (4 Credits) <u>OR</u> CHEM 1300H General Chemistry I/Lab Honors (4 Credits) |
| CHEM 1310 | General Chemistry II/Lab (4 Credits) <u>OR</u> CHEM 1310H General Chemistry II/Lab Honors (4 Credits) |
| CHEM 2400 | Organic Chemistry I/Lab (4 Credits) <u>OR</u> CHEM 2400H Organic Chemistry I/Lab Honors (4 Credits) |
| CHEM 2410 | Organic Chemistry II/Lab (4 Credits) <u>OR</u> CHEM2410H Organic Chemistry II/Lab Honors (4 Credits) |
| CHEM 3650 | Biochemistry/Lab (4 Credits) |
| PHYS 2350 | General Physics I/Lab (4 Credits) <u>OR</u> PHYS 2350H General Physics I/Lab Honors (4 Credits) <u>OR</u> PHYS 2400 Physics I/Lab (4 Credits) |
| PHYS 2360 | General Physics II/Lab (4 Credits) <u>OR</u> PHYS 2360H General Physics II/Lab Honors (4 Credits) <u>OR</u> PHYS 2500 Physics I/Lab |

Students in good standing in our 3+4 Dual Admission Doctor of Osteopathic Medicine program may use credits from the first year medical school curriculum (in osteopathic medicine) at NSU, in lieu of taking the major electives required for this undergraduate major. These students must submit the application for their undergraduate degree upon completion of the first year of medical school.

*Students are permitted to take 6 of the 18 major elective credits from the required or elective courses in the BPH (Bachelor of Science in Public Health), BSHN (Bachelor of Science in Human Nutrition), HAWC (Health and Wellness Coaching), or from the designated courses with the BSHI prefix.

Minor

HEALTH INFORMATICS MINOR

The Dr. Kiran C. Patel College of Osteopathic Medicine Health Informatics Minor provides a purposefully structured curriculum, which allows the student to explore and develop a foundational footing in HI. Faculty offer a pragmatic approach that uncovers this multifaceted dynamic profession, giving students a practical look at the field of HI, as well as its benefits and challenges. Students who are not BSHI majors and successfully complete the HI Minor are well prepared to pursue the KPCOM Master of Science in Biomedical Informatics Program.

Health Informatics Minor Requirements (18 credits)

| | |
|-----------|---|
| BSHI 1001 | Principles of Health Informatics (3 credits) |
| BSHI 1002 | Overview of the U.S. Health Care System (3 credits) |
| BSHI 2001 | Principles of Health Care Quality (3 credits) |
| BSHI 2002 | Legal and Ethical Issues in Health Informatics (3 credits) <i>OR</i> BSHI 2002H Legal and Ethical Issues in Health Informatics (3 credits) |
| TECH 2010 | Excel at Spreadsheets (3 credits) |
| TECH 3100 | Data Science (3 credits) |

Dr. Pallavi Patel College of Health Care Sciences

Dr. Pallavi Patel College of Health Care Sciences

Dean's Message



Welcome to the Dr. Pallavi Patel College of Health Care Sciences. The information contained in this catalog will provide guidance in making informed decisions about your academic future. The variety and scope of programs represented in our college offer tremendous opportunities for those seeking to fulfill their professional aspirations. The Dr. Pallavi Patel College of Health Care Sciences endeavors to train future health care professionals in the art and science of improving the health and quality of life in the communities they serve by providing the highest quality, state-of-the-art training and instruction.

If you have any questions about the services we provide, the university, or the community, please feel free to contact us.

Ronald J. Chenail, Ph.D.
Provost and Executive Vice President for Academic Affairs
Acting Dean, Dr. Pallavi Patel College of Health Care Sciences
Professor of Family Therapy
Co-Editor-in-Chief, The Qualitative Report

Health Professions Division Mission Statement

The mission of Nova Southeastern University Health Professions Division is to train primary care health practitioners in a multidisciplinary setting, with an emphasis on medically challenged areas.

The institutional premise is that health professionals should be trained in a multidisciplinary setting and, whenever possible, with integrated education. The university trains students in concert with other health profession students so that the various disciplines will learn to work together as a team for the good of the public's health. During their didactic work, students share campus facilities and, in some cases, have combined classes. In their clinical experiences, they work together in facilities operated by the university.

Furthermore, the division aims to educate health care practitioners who will eventually increase the availability of health care in areas of Florida that suffer from health care shortages. The division aims to alleviate some of these shortages by exposing the entire student body to the needs, challenges, and rewards of rural, urban, and geriatric care. Existing curricula require all students to attend ambulatory care clerkships in rural or urban areas, or both, making Nova Southeastern University strongly oriented toward a pattern of training its students in areas geographically removed from the health center itself, and to the care of different population groups.

In doing this, it developed training programs that address the primary care needs of the region's most medically challenged populations.

Dr. Pallavi Patel College of Health Care Sciences Mission Statement

The Dr. Pallavi Patel College of Health Care Sciences strives to provide professionals with the skills necessary for the diagnosis, treatment and prevention of disease and disability in order to assure optimum health conditions in the community and beyond. With an unwavering commitment to ethical practice and in support of the Nova Southeastern University Core Values, the College endeavors to advance research, scholarship, and the development of leadership skills utilizing traditional educational methods, distance learning, and innovative combinations of both to achieve its educational goals.

Dr. Pallavi Patel College of Health Care Sciences Vision Statement

The Dr. Pallavi Patel College of Health Care Sciences will be recognized as a local, national, and international leader in health-care education through excellence and innovation in teaching, scholarship, and service.

Introduction to the College

The Dr. Pallavi Patel College of Health Care Sciences is committed to providing the highest quality education to students in a variety of health care disciplines. The Dr. Pallavi Patel College of Health Care Sciences offers six undergraduate degrees. The College also offers a series of health science online courses under the Health Science Undergraduate Core (see page 194) designed to serve the NSU undergraduate student population.

- Bachelor of Science—Cardiovascular Sonography
- Bachelor of Science—Exercise and Sports Science
- Bachelor of Science—Medical Sonography
- Bachelor of Science in Respiratory Therapy—First-Professional Program
- Bachelor of Science in Respiratory Therapy—Post-Professional Program (online)
- Bachelor of Science—Speech Language and Communications Disorders

Notice on Professional Examinations

Credits and degrees earned from colleges within the state of Florida that are licensed by the State Board of Independent Colleges and Universities do not automatically qualify the individual to participate in professional examinations in Florida. The established procedure requires the appropriate state professional board to review and recognize the colleges granting the degrees prior to scheduling examinations. Additional information regarding Nova Southeastern University Health Professions Division and its Colleges of

Osteopathic Medicine, Pharmacy, Optometry, Health Care Sciences, Medical Sciences, Dental Medicine, and Nursing may be obtained by contacting the State Board of Independent Colleges and Universities, Department of Education, Tallahassee, Florida. Any student interested in practicing a regulated profession in Florida should contact the Department of Business and Professional Regulation, 2009 Apalachee Parkway, Tallahassee, Florida 32301.

Martin and Gail Press Health Professions Division Library

The Martin and Gail Press Health Professions Division Library is located on the first floor at the north end of the Terry Building Complex in the Library/Lab Building. The collection consists of more than 17,000 print volumes, 700+ electronic books, and 8,000+ active medical/health journal subscriptions in both print and digital formats. Many of the available electronic texts are required textbooks in various courses. In addition, more 210 medical/health databases are available 24/7 to meet the needs of the seven HPD colleges. All students have access to the full resources of all NSU libraries, both print and online. Medical/health databases include Medline, CINAHL, Clinical Key (which includes Procedures Consult and First Consult), Lexi-Comp, UpToDate, Web of Science, as well as many databases specific to individual programs. The Interlibrary Loan/Document Delivery Office will provide additional journal articles, books, and items not available digitally to any student at no cost. All resources are available through the Martin and Gail Press Health Professions Division Library home page (nova.edu/hpdlibrary). In addition, free notary service is available during business hours.

Professional reference services are available via phone, text, email, or face to face. Seven professional librarians are available for help with searching, finding full-text journals, citation reference management, and research strategies. Each HPD college/program is assigned a subject specialist liaison librarian who works closely with faculty and offer assistance with specific class assignments.

Quiet study areas are designated in the library with a variety of seating options available, from large tables to individual carrels and comfortable seating. There are 48 individual/small group study rooms in the library and adjacent Assembly II Building. Rooms may be checked out for up to three hours. All rooms are equipped with white boards and Wi-Fi. A small teaching lab is available for group instruction and there is a large group study hall. Two 50-station computer labs are open when the library is open. In addition, a production studio is available for student use for video recording, and video editing.

A common area provides space for collaborative projects and is equipped with two Media:scape units or collaboration using multiple laptops with single or double monitor displays for group work. The library has both PC and Mac computers for student use, as well as iPads for short-term checkout, each loaded with 100 medical and production apps. Other library services include binding, faxing, and scanning services; earplugs; sports equipment for the student lounge; school supplies for sale; and coffee service.

Hours of operation for the Martin and Gail Press Health Professions Division Library, Study Center rooms in Assembly II, and adjoining computers labs are: Monday–Thursday: 7:00 a.m.–midnight; Friday: 7:00 a.m.–9:00 p.m.; Saturday and Sunday: 10:00 a.m.–midnight. From September through May, the study rooms in the Assembly II building are open 24/7. For more information, please call (954) 262-3106.

Students also have check out privileges at other NSU libraries, including the Shepard Broad College Law Panza Maurer Law Library; the Oceanographic Center Library; and the Alvin Sherman Library, Research, and Technology Center (a joint-use facility with the Broward County Board of County Commissioners).

See the “Libraries” section of the *NSU Student Handbook* for information about NSU’s Alvin Sherman Library.

HPD Policies and Procedures

ACCEPTANCE OF PROFESSIONAL FEES

The activities of students are not to be construed as the practice of medicine, optometry, pharmacy, audiology, occupational therapy, physical therapy, physician assistant, anesthesiologist assistant, cardiovascular sonography, medical sonography, respiratory therapy, nursing, dentistry, public health, nutrition/dietician, or speech-language therapists. It is a violation of the law and contrary to the policy of this university for any unlicensed person to attempt to engage in the professional practice of health care. Students who are appropriately licensed in a profession may engage in that professional work to the extent provided by law.

AIDS POLICY

The university has adopted the following AIDS policy: Nova Southeastern University Health Professions Division recognizes its responsibilities for the health and welfare its students and faculty and staff members, as well as its responsibilities to patients suffering from AIDS or harboring the human immunodeficiency virus (HIV). While the division does not subscribe to compulsory HIV testing either as a screening device or in individual cases, some rotation sites require this test and students must comply. As an institution of medical learning, the division provides each student knowledge to understand the AIDS problem, including AIDS testing, treatment, and counseling by community services. The division recommends universal precautions in all laboratory and clinical settings. The division reserves the right to alter this policy as new information on AIDS becomes available. Students should consult their physician for HIV testing or treatment immediately following exposure.

BACKGROUND CHECKS

Accepted applicants and students are required to authorize the NSU Health Professions Division to obtain background check (s) as per adopted policy of March 2011. If the background check (s) reveal information of concern, which the NSU Health Professions Division may deem unfavorable, HPD will request that the individual provide a detailed written explanation of the information contained in this report, along with appropriate documentation (e.g., police reports). Students may also be required to authorize clinical training facilities that they are assigned to by the Health Professions Division to obtain a background check with the results reported to the clinical training facility.

Offers of admission will not be considered final until the completion of the background check(s), with results deemed favorable by the NSU Health Professions Division, and, where appropriate, by the clinical training facilities. If information received indicates that the student has provided false or misleading statements, has omitted required information, or in any way is unable to meet the requirements for completion of the program, then the admission may be denied or rescinded, the student may be disciplined or dismissed, or their enrollment terminated.

Acceptance to an NSU Health Professions Division program does not guarantee that a student with information of a concern will be accepted by clinical training facilities to which they may be assigned.

Following the initial background check (s), students will be asked annually to provide a certification relating to any convictions or guilty or no-contest pleas to any criminal offense other than traffic violations. Additionally, a Level 2 background check may be required of students completing certain rotations.

CERTIFICATE OF PHYSICAL EXAMINATION

Students must have a certificate of physical examination completed by their physician. Forms will be provided to each matriculant as part of the admissions package or can be downloaded from nova.edu/smc/immunization-forms.

Students may request that the University Health Service perform these examinations. The University Health Service will make appointments in as timely a manner as possible. The appointments, once made, become an obligation of the student and must be kept.

These certificates (whether done privately or by the university) will be placed in an appropriate site.

The student should carry a copy of their health/hospitalization insurance card with them to the clinical agency, as well as their BLS card.

CORE PERFORMANCE STANDARDS FOR ADMISSION AND PROGRESS

The Nova Southeastern University Health Professions Division is pledged to the admission and matriculation of qualified students and wishes to acknowledge awareness of laws that prohibit discrimination against anyone on the basis of race, color, religion or creed, sex, pregnancy status, national or ethnic origin, non-disqualifying disability, age, ancestry, marital status, sexual orientation, unfavorable discharge from the military, veteran status, or political beliefs or affiliations.

Regarding those students with verifiable disabilities, the university will not discriminate against such individuals who are otherwise qualified, but will expect applicants and students to meet certain minimal technical standards (core performance standards) as set forth herein with or without reasonable accommodation. In adopting these standards, the university believes it must keep in mind the ultimate safety of the patients whom its graduates will eventually serve. The standards reflect what the university believes are reasonable expectations required of health professions students and personnel in performing common functions.

INTERPERSONAL COMMUNICATION

Candidates and students must be able to interact and communicate effectively with respect to policies, protocols, and process, with faculty, students, staff, patients, patient surrogates, and administration during the student's educational program. They must be able to communicate effectively and sensitively with patients. Communication includes not only speech, but also reading and writing. Candidates and students must also be able to communicate effectively and efficiently in all written forms with all members of the health care team. They must have interpersonal abilities sufficient to interact with individuals, families, and groups from a variety of social, emotional, cultural, and intellectual backgrounds.

The holders of health care degrees must have the knowledge and skills to function in a broad variety of clinical situations and to render a wide spectrum of patient care. In order to carry out the activities described below, candidates for Health Professions Division degrees must be able to integrate consistently, quickly, and accurately all information received, and they must have the ability to learn, integrate, analyze, and synthesize data.

Candidates for degrees offered by the Health Professions Division must have, with or without reasonable accommodation, multiple abilities and skills including intellectual, conceptual, integrative, and quantitative abilities; interpersonal communication; mobility and strength; motor skills; hearing, visual, tactile, behavioral, and social attributes. Candidates for admission and progression must be able to perform these abilities and skills in a reasonably independent manner.

INTELLECTUAL, CONCEPTUAL, INTEGRATIVE, AND QUALITATIVE ABILITIES

These abilities include measurement, calculation, reasoning, analysis, and synthesis. Problem solving—a critical skill—requires all of these intellectual abilities. Candidates and students must have critical thinking ability sufficient for good clinical judgment. This is necessary to identify cause-effect relationships in clinical situations and to develop plans of care. In addition, candidates and students should be able to comprehend three-dimensional relationships and to understand the spatial relationships of structures. An individual is expected to be able to perform multiple tasks in a dynamic, highly competitive, and challenging learning environment. All individuals are expected to meet their program requirements on a satisfactory level as determined by HPD administration or the applicable college/program administration.

MOTOR SKILLS

Candidates and students should have sufficient motor function to execute movements reasonably required to provide general care and emergency treatment to patients. Examples of emergency treatment reasonably required to some health care professionals are cardiopulmonary resuscitation, administration of intravenous medication, the application of pressure to stop bleeding, the opening of obstructed airways, and the ability to calibrate and use various pieces of equipment. Such actions require coordination of both gross and fine muscular movements, equilibrium and functional use of the senses of touch and vision. Physical therapy and occupational therapy students must be able to position patients for treatment, as well as teaching the functions involving gross and fine movements. Pharmacy candidates and students must have sufficient motor skills to weigh chemical and pharmaceutical (including intravenous) solutions, prepare prescriptions, and carry out sterile procedures.

STRENGTH AND MOBILITY

Candidates and students must have sufficient mobility to attend to emergency codes and to perform such maneuvers as CPR when required. They must have the physical ability to move sufficiently from room to room and to maneuver in small places. Osteopathic medical students must have the ability to position patients for the administration and delivery of osteopathic manipulative treatment in a variety of settings and to position and move patients when required. Pharmacy students must be able to move about within a pharmacy setting and a patient's room. Physical therapy and occupational therapy students must be able to administer treatment in a variety of settings and positions and move patients when required.

HEARING

Candidates and students should have sufficient auditory ability to monitor and assess health needs. They must be able to hear information given by the patient in answer to inquiries; to hear cries for help; to hear features in an examination, such as the auscultatory sounds; and to be able to monitor equipment.

VISUAL

Candidates and students must have visual ability sufficient for observation and assessment necessary in patient care. It must be consistent in many cases with being able to assess asymmetry, range of motion, and tissue texture changes. Osteopathic Medicine, Optometry, and Physician Assistant students must have sufficient visual ability to use ophthalmologic instruments. It is necessary to

have adequate visual capabilities for proper evaluation and treatment integration. Candidates and students must be able to observe the patient and the patient's responses including body language and features of the examination and treatment. Pharmacy students must be able to interpret prescriptions and medical orders, as well as to inspect medicine for deterioration or expiration.

TACTILE

Candidates and students must have sufficient tactile ability for physical assessment. They must be able to perform palpation, functions of physical examination, and/or those related to therapeutic intervention. Pharmacy students must be able to measure and compound, sometimes transferring from container to container and to carry out sterile procedures. Dental students must be able to deliver appropriate treatment using high technology equipment such as dental drills and surgical instruments.

BEHAVIORAL AND SOCIAL ATTRIBUTES

Candidates and students must possess the emotional health required for full use of their intellectual abilities; the exercise of good judgment; the ability to take responsibility for their own actions with respect to policies, protocols, and process, with faculty, students, staff, patients, patient surrogates, and administration during the student's educational program; the prompt completion of all responsibilities attendant to the diagnosis and care of patients; and the development of mature, sensitive, and effective relationships with the patients. Candidates and students must be able to physically tolerate taxing workloads, to adapt to changing environments, to display flexibility, and to learn to function in the face of uncertainties inherent in the clinical problems of many patients. Compassion, integrity, concern for others, interpersonal skills, interest, and motivation are all personal qualities that will be assessed during the admissions and education process.

SENSORY

Osteopathic students and physician assistants are required to have an enhanced ability to use their sensory skills. These enhanced tactile and proprioceptive sensory skills are essential for appropriate osteopathic evaluation and treatment of patients.

DRESS CODE

Students in the Health Professions Division must maintain a neat and clean appearance befitting those attending professional school. Therefore, attire should convey a professional appearance whenever the student is on the division campus and in classes or laboratory or on an experiential rotation or program.

The following constitute acceptable attire:

1. Identification badges will be issued at the One-Stop Shop in the Health Professions Division, in the Horvitz Administrative Building, or from the Office of Student Affairs for distance program students and must be worn and visible at all times when the student is on campus or at a clinical rotation. Please note that ID badges are necessary for proper use of on-campus auditoriums, library and recreational facilities, offices, laboratories, and certain restricted parking areas. These badges are given to the students at no charge, except for replacement.
2. Students must wear their white consultation jackets with their names and appropriate college/program designation embroidered over or on the left breast pocket. A white jacket is to be worn daily over the prescribed attire, unless the student is in the College of Medical Sciences (where a professional dress code is still required at all times).
3. Shirt, tie, slacks, socks, and regular shoes for men, and for women it should be professional business dress, which includes slacks, pants, or skirt with blouse or dress and appropriate shoes or matching scrub sets, socks, and shoes.

Students **may not** wear the following:

- shorts
- cut-offs
- mini-skirts (higher than mid-thigh)
- jeans
- see-through clothing or halter-tops
- open-toed shoes—including beach/flip-flops, sandals, thong footwear, or plastic clogs with holes on sides or top (Croc type)
- T-shirts (as the outer shirt)
- jogging or exercise clothing
- hats or caps, unless of a religious nature

All individuals who work or study in the clinic environment must be proactive in reducing the potential for workplace foot injuries. No open-toed shoes are to be worn in the clinics. These guidelines apply on campus from 8:00 a.m.–5:00 p.m., Monday through Friday, and while on duty on rotations.

Students inappropriately dressed or groomed may be requested to leave the campus. In this circumstance, an unexcused absence will be recorded until the student returns properly attired. Questionable or disputed cases of dress or grooming shall be presented to the dean, whose decision shall be final. Repeated violations will be considered improper professional behavior and may result in disciplinary action. When a class requires special dress (such as the wearing of scrub suits in anatomy laboratory or shorts in clinical skills laboratories), it will be the only exception to the dress code allowed during that time.

The dress code is to be observed at all times including midterms and examination periods. Students are expected to consult their specific program handbooks for compliance with any program-specific, clinical rotation site-supplemental dress code policies.

Students taking courses in the Exercise and Sport Science program may make exception to the dress code and should adhere to the requirements in their course syllabi.

CARDIOVASCULAR LABORATORY UNIFORM DRESS CODE

Students in the didactic phase of the curriculum will be required to wear a uniform for training in the ultrasound teaching lab. Students also may be required to wear this uniform during end-of-rotation seminars within the clinical year. This uniform will include program-specific white lab coat and medical scrubs of the program-approved color only. Underneath the scrubs, students will wear a gray, blue, black, or white short-sleeved T-shirt, either plain or with the Cardiovascular program or NSU logo on the front. No logo or writing should be on the back of the T-shirt. Separately removable sleeve-type arm protectors are allowed of gray, white, black, or blue solid color and absent any decoration. Under the scrub pants students will wear Pants must be loose-fitting gray, white, black, or blue navy blue gym-type mid-length shorts with an elastic waistband and draw strings, either plain or with the program or NSU logo on the pant leg. All students must be prepared and able to remove the T-shirt for thoracic, cardiac, chest wall, and abdominal examination at any time during training in the ultrasound teaching lab. Therefore, females must wear a sports bra or similar under attire beneath the T-shirt. Solid colored black, white, gray or blue Athletic-type shoes or other closed-toe shoes and socks must be worn at all times in the lab, except as dictated by the instructor for specific training purposes. In addition, artificial nails, nail art, and acrylic nails or nail extensions may not be worn in the lab or in any clinical setting. Long hair must be secured behind the nape of the neck, and dangling or loose jewelry of any kind, in any location on the body, should not be worn. The lab uniform is permitted to be worn only in the ultrasound teaching lab. Upon leaving a lab session, unless immediately leaving the NSU campus for the day, program approved scrubs and the program specific white clinical jackets must be worn, or students should change back into normal professional attire as described in the Dress Code above. Students will sign Dress Code Policy acknowledgement forms at Orientation signifying their understanding of and agreement to adhere to these policies. These forms will be retained in the student permanent file. Deviation from these policies may result in corrective action for unprofessional behaviors, up to and including dismissal from the program.

MEDICAL SONOGRAPHY LABORATORY UNIFORM DRESS CODE

During the laboratory sessions on-campus, students are required to wear proper program approved attire and lab coats. Besides, students must wear close toed shoes, program approved lab uniform which includes Gray T-shirts and blue loose fitting gym shorts with the program name and NSU logo. In addition, artificial nails, nail art, and acrylic nails or nail extensions may not be worn in the lab. shorts have available a pair of short pants and T-shirts which are loose-fitting enough to allow scanning. All students must be prepared and able to remove the T-shirt for thoracic, cardiac, chest wall, upper extremities, and abdominal examination as well as to roll short pants properly for lower extremities examinations at any time during training in the ultrasound teaching lab. In some labs such as cardiac training, female students will be expected to wear a sports bra and tank top. Athletic shoes and socks must be worn at all times in the lab, except as dictated by the instructor for specific training purposes. This uniform is permitted to be worn only in the ultrasound teaching lab. Upon leaving a lab session, unless immediately leaving the NSU campus for the day, the program specific white clinical jackets must be worn and students should change back into normal professional attire as described above.

RESPIRATORY THERAPY LABORATORY/CLINICAL UNIFORM DRESS CODE

Students in clinical rotations will be required to wear proper program approved attire and lab coat. This uniform will include matching pewter scrub tops and pants. Style of top and pants are on file. White lab coat, with BSRT patch on left sleeve, must be worn at all times on campus and at clinical sites. Lab coat must be ordered through the NSU bookstore. Solid color t-shirts in black, gray, or white may be worn under scrubs. Clean, white, gray, or black, rubber-soled shoes shall be permitted. If clog type shoe (no CROCS) are worn, backs must be closed. While on campus students may wear either prescribed pewter scrubs or business casual attire with lab coat.

IDENTIFICATION BADGES

Students must wear identification badges at all times while on campus. ID badges are not transferable. ID badges are issued at the Division Badge Room. These badges are given to the students at no charge except for replacement.

Identification Requirements and Fieldwork Prerequisites

An affiliated clinical/ fieldwork teaching facility may also require a student to pass a state of Florida Department of Health screening before rotation. Other requirements, which may be held by the affiliated facility include, but are not limited to, fingerprinting, criminal background check, urinalysis for drugs and alcohol, and proof of immunization. If a student does not meet all requirements held by the affiliated facility before the first day of the scheduled placement, the student's placement will be canceled, or if the placement has begun, the student will be asked to leave.

Immunization Requirements

Students must complete a mandatory immunization form, which must be signed by a licensed health care provider. The form can be found at nova.edu/smc.

Students in the Health Professions Division may be required to upload proof of immunizations to multiple online portals to satisfy the requirements of their programs and the training facilities where they are assigned.

The following immunizations/vaccinations are required of student at the Health Professions Division based on the current Centers for Disease Control (CDC) recommendations for Health Care Personnel:

BASIC IMMUNIZATIONS

Every student is required to have had an immunization for, or show evidence of immunity to, the following diseases before matriculating at Nova Southeastern University:

HEPATITIS B

- Both of the following are required: three vaccinations and positive surface antibody titer. (Lab report is required.)
- If the series is in progress, evidence of at least one shot must be provided, and the renewal date will be set accordingly.
- If the titer is negative or equivocal, the student must repeat the series and provide repeat titer report.

INFLUENZA VACCINATION

Administered annually. (An annual, seasonal influenza vaccine is required by most clinical sites.)

MEASLES, MUMPS AND RUBELLA (MMR)

One of the following is required: Proof of two vaccinations, or positive antibody titer for measles (rubeola), mumps, and rubella. (Lab report is required.)

PPD SKIN TEST (2 STEP)

One of the following is required: negative two-step test or negative blood test (such as QuantiFERON Gold Blood Test or T-Spot Test) or if positive PPD results, provide a chest X-ray and/or prophylactic treatment information within the past 12 months. It should be noted that some rotation site may not accept the QuantiFERON Gold Blood Test.

TETANUS TOXOID, DIPHTHERIA TOXOID, AND ACCELLULAR PERTUSSIS VACCINE (TDAP)

All students are required to have had a Tetanus Toxoid, Diphtheria Toxoid, and Acellular Pertussis Vaccine (Tdap) booster prior to matriculation and must maintain immunity by continuing to remain current according to the CDC recommendations for health care personnel during their program. Due to the increased risk of pertussis in a health care setting, the Advisory Committee on Immunization practices highly recommends health care workers receive a one-time Tdap (ask your health care provider). Tdap is required, without regard to interval of previous dose of Tetanus-Toxoid (Td).

VARICELLA (CHICKEN POX)

One of the following is required: Proof of two vaccinations or positive antibody titer. (Lab report is required.)

Arrangements: Students may request that the Student Medical Center or the NSU Clinic Pharmacy administer these immunizations. The Student Medical Center will make appointments in as timely a manner as possible. Students may call (954) 262-4100 to make an appointment. Once made, the appointment becomes the student's obligation and must be kept. For students at other NSU campuses, appointments may be scheduled with the NSU designated physician for their area. Students may request that the NSU Clinic Pharmacy administer the influenza vaccine.

Any other Vaccinations Required by Clinical Sites: Clinical practicum or rotation sites may require additional immunizations not listed above. Students should contact their dean or program director for further information regarding site-specific immunization requirements.

HPD fee: The HPD general access fee covers a series of three Hepatitis B vaccines and an annual PPD screening. All other immunizations and health care services are the responsibility of the student.

Failure to comply: The University is not required to provide alternative sites for clinical practicum or rotations should immunization be a requirement for placement. Therefore, failure to comply with this policy may result in a student's inability to satisfy the graduation requirements in their program.

Relative to clinical rotation site requirements, students are expected to consult their specific college/program handbooks for compliance with any college/program specific requirements.

DRUG POLICY

NSU's PCHCS has a zero-tolerance policy for drug use. This includes the use of illegal drugs; the use of controlled substances without a prescription; the use of marijuana, even if prescribed or certified by a physician; and the use of, or being under the influence of, alcohol while on rotation/clinical experience or in class. Should a student receive a positive drug or alcohol screen and a positive follow-up screen, the student will be referred to the CSP for disciplinary action, which may include expulsion/dismissal from the student's program and the PCHCS. Note: Students who receive a positive drug or alcohol screen must complete a follow-up drug or alcohol screening within one business day, following receipt of a request, unless prior approval is received from the program director. If a student reports to the academic program for help with a personal drug or alcohol concern prior to being informed of an impending drug test, the student will be required to report to the dean's office for referral to the HPD Student Assistance Program. The student will only be permitted to report to class or a rotation/clinical experience if cleared by the HPD Student Assistance Program and the PCHCS' dean office.

DRUG TESTING POLICY

NSU's PCHCS recognizes that substance abuse is a career- and life-threatening problem and encourages students to seek help in overcoming addiction. Students are encouraged to reach out to the Office of Student Affairs for help in seeking services for drug and alcohol counseling or contact any of the behavioral health resources available to PCHCS students. Any student may be required to submit to drug and/or alcohol testing based upon what the faculty members and administration consider to be reasonable grounds to suspect drug or alcohol use, including, but not limited to:

- direct observation of drug or alcohol use or possession
- physical behaviors related to the influence of drugs or alcohol
- abnormal or erratic behavior that is disruptive or a risk to others
- arrest or conviction of a drug or alcohol related offense on or off campus
- documented information from a credible source submitting a complaint
- evidence that a previous drug or alcohol test was tampered with
- possession of drug paraphernalia
- after treatment for drug or alcohol use

PCHCS administration will require that drug testing be performed at a qualified designated laboratory site identified by the college. Students who:

- test positive on a drug or alcohol urine screen
- have a repeated inconclusive and/or diluted drug or alcohol urine screen*
- refuse to submit to a drug or alcohol urine screen

- demonstrate illegal or disruptive actions related to drug or alcohol use
- have an arrest for possession of drug paraphernalia or other illegal possession/use of drugs
- have a demonstrated dependence to drugs or alcohol

will be referred to the CSP for further action, including the evaluation of potential violations of the Code of Student Conduct and Academic Responsibility. Should a student have a valid prescription for the medication, it will be reviewed by PCHCS administration prior to making the decision to refer the matter to the CSP. Please note that NSU's Drug-Free Schools and Campuses Policy prohibits the use and possession of marijuana regardless of whether a valid prescription exists.

*In the event of an inconclusive or diluted test result, the student will be required to submit to an additional urine drug screen within 24 hours of the inconclusive/diluted result. Should the repeat test be inconclusive and/or diluted, the student will be placed on an administrative break in enrollment until such time as the student can present a negative drug and/or alcohol screen, and will be referred to the CSP for review and possible disciplinary action.

NETIQUETTE

In a traditional classroom, students are reminded that behavior that disrupts the class or interferes with other students and their ability to learn is unacceptable. Any person engaged in disruptive behavior receives a written warning from the instructor. Students who continue to engage in disruptive behavior after this warning may be administratively withdrawn from the course.

Similarly, in an online course, any electronic postings, emails, or electronic messages that disrupt the class or interfere with learning goals and objectives are unacceptable. Electronic communication—the backbone of this online course—must be civil, respectful, and cordial at all times. Any posting that disrupts or interferes with learning will be removed, and the author of the posting will receive a written warning. A second disruptive posting will cause the author to be administratively withdrawn from the course.

STUDENT INSURANCE REQUIREMENT

It is required that each Health Professions Division student including, exercise science, respiratory therapy (first professional), cardiovascular sonography, medical sonography, and speech-language pathology students must carry adequate personal medical and hospitalization insurance. (Other online program students may not be required to submit proof of personal medical and hospitalization insurance; students should check with their program office.) It is strongly suggested that students and their families avail themselves of the insurance plan obtainable through the university. Information about the policy can be obtained by accessing the website at nova.edu/bursar/health-insurance/. Please note that students will see a charge for health insurance appear on their student account as part of the academic registration process annually.

For those students who already have health insurance coverage and do not need the NSU-endorsed insurance plan, this charge will be removed from their account once proof of coverage has been submitted by completing the online waiver. To complete the waiver form, go to novastudentinsurance.com. The online waiver is the only process by which insurance charges will be removed and coverage will be cancelled. Students who fail to complete the waiver form and provide proof of health insurance by the stated deadline will not be eligible to have charges removed and will continue to be enrolled in the insurance plan endorsed by NSU. Waivers must be completed each academic year.

In view of health care reform and the Affordable Care Act, as well as all forms of health care insurance, we wish to advise those students who have health care coverage from commercial carriers—or the marketplace health care exchanges from other states than Florida—to check with their carriers in order to be sure they have comprehensive health care coverage in the region of Florida where they will be attending classes or practicum rotations.

VISITS TO OTHER INSTITUTIONS

Students in the Health Professions Division may not visit, in an official or presumably official capacity as a professional school student, any health-related institution (hospital, pharmacy, practitioner's office, clinic, etc.) or any health school without express permission of the dean. Visits to relatives or friends who are hospitalized are permitted, provided they are within visiting hours and all hospital rules are observed.

Department of Cardiopulmonary Sciences

The Department of Cardiopulmonary Sciences offers two B.S.R.T. program tracks. The Post-Professional track is for the practicing registered respiratory therapist to obtain their bachelor's degree in a completely online format. The first professional or entry-level track is for the student to obtain their B.S.R.T. through didactic and clinical training.

Computer Requirements

All students in the department are required to have access to a computer meeting the minimum requirements listed on the website at <https://www.nova.edu/portal/oit/policies/>.

Major

BACHELOR OF SCIENCE IN RESPIRATORY THERAPY

B.S.R.T. Mission Statement

The mission of NSU's Department of Cardiopulmonary Sciences is to advance the respiratory care profession through leadership in teaching, research, and service. We will provide a premiere health care education experience in a learning environment that cultivates critical thinking, inspires professional leadership, encourages and promotes research. By engaging all faculty and students in research and scholarly activity we intend to cultivate the knowledge, attitudes, and skills necessary to support not only national leadership for the respiratory care profession, but develop future educators and providers in professionally-related health care arenas.

Bachelor of Science in Respiratory Therapy—First Professional Program Goals

1. To prepare graduates with demonstrated competence in the cognitive (knowledge), psychomotor (skills), and affective (behavior) learning domains of respiratory care practice as performed by registered respiratory therapists (RRT).
2. To prepare leaders for the field of respiratory care by including curricular content that includes objectives related to acquisition of skills in one or more of the following: management, education, research, and advanced clinical practice (which may include an area of clinical specialization).

Bachelor of Science in Respiratory Therapy—Post-Professional Program for the Practicing RRT

The B.S.R.T. Post-Professional program is designed for the registered respiratory therapist with an A.S. degree from a regionally accredited institution. This degree allows respiratory therapists to further expand their expertise with advanced knowledge in a variety of areas. Delivered entirely online, through a combination of synchronous (real-time) and asynchronous instruction, the B.S.R.T. program is designed for students who are unable to be physically present, on campus, or for those with schedule or family constraints that make traditional college class schedules challenging.

Computer Literacy

Access to a computer will be required for all students to successfully complete the online courses in the Department of Cardiopulmonary Sciences. Each student is expected to acquire computer hardware and software appropriate for the program. Competency in the basic use of a computer and the ability to navigate and interact with the course and curriculum content is the responsibility of the student and necessary for graduation.

Continuous Enrollment

Although continuous enrollment is not a requirement, the B.S.R.T. program strongly recommends that students enroll in one to three courses per semester.

Online Student Center—Program and Course Communication

All students are required to visit the online student center at least once per week. All communication and programmatic information will be posted in the online student center. It is required that all B.S.R.T.—Post-Professional students use the online student center when communicating with the program. All class communication must take place through the university's secure course management platform.

Bachelor of Science in Respiratory Therapy—Post-Professional Program Curriculum

- The program requires that all core coursework be completed through the NSU B.S.R.T. program. A minimum total of 120 credit hours, of which 30 credit hours must fulfill general education requirements, are required to graduate with the B.S.R.T. degree.
- All students are required to obtain a grade of C or better (greater than or equal to 74 percent) in every required core course.
- Students receiving a C-, D+, D, or F in a required core course will be required to retake the course at its next scheduled offering.
- The B.S.R.T.—Post-Professional Program is presented in a distance-learning format and requires no on-campus time.
- The coursework is professor-paced using Web-based delivery. The curriculum and coursework follow a standard three-semester calendar. The curriculum is designed to build upon the existing knowledge base of the Registered Respiratory Therapist while focusing on the overall health care picture. Leadership, evidenced-based practice, and education, are a selected few of the areas covered in the curriculum.

General Education Requirements (30 credits)

Students are required to complete 30 credit hours as part of the General Education Program. For specific course requirements, refer to the "General Education Program" section on page 94 of this catalog.

Block Grant (45 credits)

Students will be granted a 45 credit block grant for their registered respiratory therapist (RRT) credential and current licensure.

Generalist Track Major Requirements (45 credits)

Core Courses (39 credits)

| | |
|----------|---|
| BHS 4031 | Statistics for Health Sciences (3 credits) |
| RRT 3014 | Advanced Patient Monitoring and Assessment (3 credits) |
| RRT 3015 | Critical Care Pathophysiology for Respiratory Therapy (3 credits) |
| RRT 3016 | Advanced Cardiopulmonary Physiology for Respiratory Therapy (3 credits) |
| RRT 3017 | Outpatient Services in Respiratory Therapy (3 credits) |
| RRT 3018 | Advanced Pharmacology in Respiratory Therapy (3 credits) |
| RRT 3020 | Quality Improvement in Health Care (3 credits) |
| RRT 3021 | Sleep Medicine (3 credits) |
| RRT 4005 | Evidence-Based Practice (3 credits) |
| RRT 4006 | Leadership and Management for Respiratory Care (3 credits) |
| RRT 4007 | Education Principles in Health Care (3 credits) |
| RRT 4009 | Legal and Ethical Considerations in Respiratory Care (3 credits) |
| RRT 4010 | Case Management Theory and Process (3 credits) |

Health Professions Division Practical Coursework and Experiences (6 credits)

Select two courses from the following:

| | |
|----------|---|
| RRT 4502 | Practicum (3 credits) |
| RRT 4505 | Scientific Investigation I (3 credits) |
| RRT 4506 | Internship (3 credits) |
| RRT 4507 | Scientific Investigation II (3 credits) |

Total Degree Requirement: 120 credits (minimum)

Optional Specialization in Management (15 credits)

Successful completion of the following courses, in addition to the requirements for the Bachelor of Science in Respiratory Therapy—Post-Professional Program generalist track, will grant a B.S.R.T. degree with the added specialization in management:

| | |
|----------|---|
| BHS 3155 | Conflict Management in Health Care (3 credits) |
| BHS 3161 | Health Care Finance (3 credits) |
| BHS 3162 | Economics of Health Services (3 credits) |
| RRT 4103 | Strategic Planning and Organizational Development for Health Care (3 credits) |
| RRT 4014 | Operational Analysis and Quality Improvement (3 credits) |

NSU's undergraduate Pre-Respiratory Therapy program is designed for students who wish to apply to NSU's Entry Bachelor of Science in Respiratory Therapy program (B.S.R.T.) and complete the general education and prerequisite program admission requirements at the university. These prerequisite courses are offered by NSU's Halmos College of Arts and Sciences and the Guy Harvey Oceanographic Research Center.

Bachelor of Science in Respiratory Therapy—First Professional Program

This program is designed for the First-Professional or entry-level student to obtain their B.S.R.T. through didactic and clinical training. This program is a full-time two- year, on-campus program which requires the student to complete 40 prerequisite credits prior to matriculation.

Prerequisites/General Education Courses

| Courses | Credits |
|--|-----------|
| Written Communication at or above 1500 level..... | 6 |
| Mathematics at or above 1040 level (one of which must be college algebra) | 6 |
| Humanities | 6 |
| Social and Behavioral Sciences | 6 |
| Human Anatomy and Physiology I and II with Lab | 8 |
| Microbiology with Lab | 4 |
| General Chemistry with Lab | 4 |
| Total Prerequisite/General Education Courses | 40 |

Highly Recommended Courses

| Courses | Credits |
|--|---------|
| Genetics..... | 3 |
| Organic/Inorganic Chemistry with Lab | 4 |
| Physics | 3 |

Bachelor of Science in Respiratory Therapy—First Professional Program Curriculum

- The program requires that all core coursework be completed through the NSU B.S.R.T. program. A minimum total of 120 credit hours, of which 30 credits must fulfill general education requirements.
- All students are required to complete 40 prerequisite courses prior to matriculation.
- All students are required to obtain a grade of C or better (greater than or equal to 74 percent) in every required core course.
- Students receiving a C-, D+, D, or F in a required core course will be required to retake the course at its next scheduled offering.
- Only two courses are allowed to be repeated in the program.
- The program is offered in a two year full-time on campus format with a lock step sequence.

General Education Requirements (30 credits)

Students are required to complete 30 credit hours as part of the General Education Program. For specific course requirements, refer to the "General Education Program" section on page 94 of this catalog.

Core Course Requirements (80 credits)

| | |
|----------|--|
| RCP 3001 | Medical Terminology for Respiratory Therapy (1 credit) |
| RCP 3002 | Cardiopulmonary A & P with Lab (3 credits) |
| RCP 3003 | Fundamentals of Respiratory Care with Lab (4 credits) |
| RCP 3004 | Respiratory Care Basics and Assessments with Lab (4 credits) |
| RCP 3007 | Pulmonary Disease (3 credits) |

| | |
|----------|---|
| RCP 3008 | Pharmacology for Respiratory Therapy (3 credits) |
| RCP 3009 | Patient Monitoring with Lab (4 credits) |
| RCP 3011 | Mechanical Ventilation with Lab (4 credits) |
| RCP 3012 | Cardiopulmonary Diagnostics and PFT with Lab (4 credits) |
| RCP 3013 | Human and Infectious Disease (3 credits) |
| RCP 3501 | Clinical I (2 credits) |
| RCP 3502 | Clinical II (3 credits) |
| RCP 4001 | Neonatal/Pediatric Respiratory Care with Lab (4 credits) |
| RCP 4002 | Cardiopulmonary Technology and Specialties (3 credits) |
| RCP 4003 | Alternate Respiratory Disciplines (3 credits) |
| RCP 4005 | Health Research and Evidence-Based Practice (3 credits) |
| RCP 4006 | Leadership and Management in Respiratory Care (3 credits) |
| RCP 4009 | Legal and Ethical Considerations in Respiratory Care (3 credits) |
| RCP 4040 | Statistics and Principles of Scientific Literature Evaluation (3 credits) |
| RCP 4100 | Clinical Seminar I (2 credits) |
| RCP 4101 | Clinical Seminar II (2 credits) |
| RCP 4501 | Clinical III (4 credits) |
| RCP 4502 | Clinical IV (6 credits) |
| RCP 4503 | Clinical V – Specialization (6 credits) |

Department of Health and Human Performance

The Department of Health and Human Performance offers the Bachelor of Science in Exercise and Sport Science. This major is offered on NSU Fort Lauderdale campus.

Majors

EXERCISE AND SPORT SCIENCE MAJOR

The exercise and sport science major provides students with a foundation in the movement sciences, which promotes improvements in health, fitness, and/or performance for the physically active. The primary goal of this program is to prepare students to be evidence-based practitioners of exercise and human movement disciplines who think critically about the science behind their practice.

Students graduating from the exercise and sport science major will be able to seek employment as an exercise specialist, fitness and wellness coordinator, sport performance researcher, and strength and conditioning specialist, as well as enter professional graduate programs in exercise sciences and other fields, such as biomechanics, exercise physiology, and motor behavior.

Exercise and Sport Science Program Goals

The exercise and sport science program will:

1. Meet standards and guidelines from governing organizations such as the American College of Sports Medicine (ACSM), and the National Strength and Conditioning Association.
2. Prepare graduates to sit for professional certification examinations in exercise and fitness from the National Strength and Conditioning Association, American College of Sports Medicine, National Academy of Sports Medicine, International Society of Sports Nutrition, and/or the American Council on Exercise.
3. Prepare graduates for post-graduation placement in graduate school, a professional school, or entry-level employment.
4. Develop competent scholars, researchers, physical activity, and sport specialists to meet the workforce needs of a global society.
5. Prepare graduates to enhance delivery of physical activity, sport, and rehabilitative services for all segments of society, including special populations such as children and the elderly; persons with disability, injury, and disease; and athletes.

Exercise and Sport Science Major Learning Outcomes

A successful exercise and sport science graduate is expected to:

1. Demonstrate critical thinking skills related to the areas of physical activity, movement sciences, and sport through practical experiences.
2. Demonstrate the importance of the physical assessment, psychological, and emotional demands of physically active individuals.
3. Apply content area knowledge specific to chosen career goals, such as strength and conditioning specialist, coaching, and corporate fitness and wellness, through internship experiences.

Exercise and Sport Science Major Curriculum

General Education Requirements (30 credits)

Students are required to complete 30 credit hours as part of the General Education Program. For specific course requirements, refer to the "General Education Program" section on page 94 of this catalog.

Exercise and Sport Science Major Requirements (75 credits)

Core Courses (72 credits)

| | |
|-----------|--|
| BIOL 1500 | Biology/Lab (4 credits) |
| BIOL 3320 | Anat & Phys I/Lab (4 credits) |
| BIOL 3330 | Anat & Phys II/Lab (4 credits) |
| CHEM 1300 | General Chemistry I/Lab (4 credits) |
| EXSC 1200 | Exercise and Sports medicine (3 credits) |
| EXSC 1400 | Health and Fitness (3 credits) |
| EXSC 1450 | Introduction to Exercise Science (3 credits) |
| EXSC 2090 | Sports Neuroscience (3 credits) |
| EXSC 2300 | Sports Nutrition (3 credits) |
| EXSC 2400 | Strength & Conditioning (3 credits) |
| EXSC 3700 | Kinesiology (3 credits) |
| EXSC 3740 | Exercise Physiology/Lab (4 credits) |
| EXSC 3760 | Biomechanics of Human Movement/Lab (4 credits) |
| EXSC 3820 | Exercise Prescription/Lab (4 credits) |
| EXSC 4100 | Adapted Physical Education (3 credits) |
| EXSC 4220 | Motor Learning/Lab (4 credits) |
| EXSC 4300 | Research Methods in Sport and PE (3 credits) |
| EXSC 4400 | Exercise and Sport Administration (3 credits) |
| EXSC 4500 | Advanced Strength and Conditioning (3 credits) |
| EXSC 4901 | Practicum in Exercise Science (3 credits) |
| PHYS 2350 | General Physics I/Lab <u>OR</u> General Physics I Lab Honors (4 credits) |

Major Electives (3 credits)

| | |
|-----------|--|
| EXSC 3300 | Emergency Care (3 credits) |
| EXSC 3850 | Adapted Community Fitness Programming (3 credits) |
| EXSC 3900 | Sports Supplements for Athletic Performance (3 credits) |
| EXSC 4900 | Special Topics in Exercise and Sport Science (3 credits) |
| EXSC 4950 | Internship in Exercise and Sport Science (1 to 12 credits) |
| EXSC 4990 | Independent Study in Exercise and Sport Science (1 to 3 credits) |

Minor

EXERCISE SCIENCE MINOR

The exercise science minor is designed to provide students with a foundation and theory base in the movement sciences for the physically active. Additionally, the program offers courses for the student who is interested in the physiological, biomechanical, and psychological aspects of human function in response to exercise and physical activity. The primary goal of this program is to supplement academic knowledge for students to study in the exercise science sub-disciplines (biomechanics, exercise physiology, and motor behavior) and promote entry into professional programs. The minor is available to PALS (day) students only. This minor can be combined with any major and minor except the exercise and sport science major.

Exercise Science Minor Learning Outcomes

A successful exercise science minor is expected to:

1. Demonstrate and explain a strong foundation and theory base in the movement sciences for the physically active;
2. Analyze the physiological, biomechanical, and psychological aspects for human function in response to exercise and physical activity;
3. Develop and present a physical fitness program.

Exercise Science Minor Requirements (18 credits)

Core Courses (10 credits)

| | |
|-----------|--|
| EXSC1400 | Health and Fitness (3 credits) |
| EXSC 2400 | Strength and Conditioning (3 credits) |
| EXSC 3820 | Exercise Prescription with Lab (4 credits) |

Minor Electives (8 credits)

Select 8 credits from the following courses:

| | |
|-----------|--|
| EXSC 2300 | Sports Nutrition (3 credits) |
| EXSC 3700 | Kinesiology (3 credits) |
| EXSC 3740 | Exercise Physiology with Lab (4 credits) |
| EXSC 3760 | Biomechanics of Human Movement with Lab (4 credits)* |
| EXSC 4100 | Adapted Physical Activity (3 credits)* |
| EXSC 4220 | Motor Learning with Lab (4 credits)* |

Department of Health Science

The Department of Health Science is an interdisciplinary group of programs designed for health professionals with the desire to advance academically, administratively, or clinically within their profession. The department offers educational opportunities from entry-level undergraduate to programs for working health professionals, demonstrating the university's and college's commitment to lifelong learning. The Department of Health Science uses innovative online and on-campus components to achieve its mission of preparing professionals for today's health care market.

The department offers the Bachelor of Health Science Major (B.H.Sc) in an exclusively online format. The department also houses a preeminent on-campus, entry-level program, the Bachelor of Science—Medical Sonography, on NSU's main campus, and houses the Bachelor of Science—Cardiovascular Sonography Program on the campus in Tampa. Both programs are supported by state-of-the-art teaching laboratories.

Computer Requirements

It is required that the student have access to a desktop or laptop consistent with a recent generation of Microsoft Windows (7 or 8) or Apple OS (10.8 or above) and compatible Microsoft Office software to include Word, PowerPoint, and Excel. Tablets and smartphones, while very useful, may not be sufficient for all program uses. The computing platform should include headphones, microphone, camera, and video conferencing capabilities. Broadband access is essential. Surge protection and appropriate back-up options strongly suggested. Minimum computer requirements can be found at <https://www.nova.edu/portal/oit/policies/>.

Majors

BACHELOR OF HEALTH SCIENCE—ONLINE PROGRAM

The Bachelor of Health Science is on moratorium as of Fall 2024 and no new students will be admitted.

The policies outlined below only apply to current Bachelor of Health Science students.

The Bachelor of Health Science (B.H.Sc.)—Online Program is an online degree advancement program for students with different education, work, and life experiences who demonstrate the desire and capacity to pursue the course of study in health and increasingly responsible positions in health care and, health administrators, military trained health care technicians, radiology technicians, respiratory therapists, office managers, etc. The NSU B.H.Sc. generalist track and the health care administration track; the courses of study are interdisciplinary and is designed to provide career advancement as well as deliver a well-rounded curriculum. These cutting-edge tracks offer the opportunity for working students with health care interest and or backgrounds to complete their undergraduate degree coursework online, conveniently from their own home or office, without compromising career or other obligations.

The B.H.Sc. Online program also offers a Pre-Doctorate of Occupational Therapy (Pre-OTD) track for Occupational Therapy Assistants. This educational opportunity is available to Certified Occupational Therapy Assistants (COTAs) to earn a Bachelor of Health Science degree. Upon completion of the Pre-OTD Track, graduates will be guaranteed admission to the Doctor of Occupational Therapy (OTD) Entry Level Program at Nova Southeastern University, Tampa, FL.

There have been dramatic changes in the health care market and delivery systems in the United States over the past decade. As health care becomes increasingly competitive, it becomes more important to distinguish one self professionally and academically. The Bachelor in Health Science—Online Program is offered via the Dr. Pallavi Patel College of Health Care Sciences Web-based distance learning technology that allows individuals to remain in their current location and employment.

Upon successful completion of the B.H.Sc. program, students are eligible to apply for admission to continue their education in health sciences in the online Master of Health Science (M.H.Sc.) and later the Doctor of Health Science (D.H.Sc.) program or other graduate program.

B.H.Sc. Mission Statement

The mission of the Nova Southeastern University (NSU) Bachelor of Health Science (B.H.Sc.) program is to provide an online degree program for students with a demonstrated interest in health care through an interdisciplinary and interprofessional course of study, to provide career and academic advancement opportunities for students who desire to become or advance as health care professionals by delivering a well-rounded curriculum, allowing the enrolled students to complete all courses of the major online while continuing to work toward their professional goals.

Bachelor of Health Science—Program Goals

The Bachelor of Health Science will enable students to:

1. Pursue a well-rounded and robust educational degree completion program for students with a demonstrated interest in health care in an online environment that allows them to continue gainful employment in their chosen field while attending and completing course work.
2. Enhance and develop the student's leadership and health care knowledge through academic inquiry while using current, practical health care models.
3. Enhance their understanding of different populations in health care and to prepare the student to take a leadership role in the rapidly changing health care environment.
4. Enhance the student's understanding of the political, social, legal and ethical issues that may be encountered and have an impact on areas of health care practice.
5. Develop knowledge that helps bridge between clinical care, health care, and critical inquiry.

Bachelor of Health Science—Program Learning Outcomes

Graduates of the Bachelor of Health Science program will demonstrate command of the following learning outcomes as evidenced by their participation in class, completion of class assignments, presentations, and projects.

Graduates will be able to:

1. Communicate effectively in writing on a variety of topics related to health care
2. Demonstrate an awareness and appreciation of the delivery of competent health care.
3. Effectively communicate and acknowledge the impact of the legal, ethical, and political environment on health care policy and delivery.
4. Demonstrate the knowledge and ability to search and retrieve information and materials related to individual clinical practice issues or overall health policy concerns.
5. Describe and demonstrate management / leadership skills and theories that can be applied in preparation to lead or manage effectively in a health care environment.
6. Demonstrate knowledge of and effectively apply health care models, theories, and tools to issues impacting health care delivery

Computer Literacy

Access to and ongoing use of a computer will be required for all students to successfully complete the online programs and courses in the Department of Health Science. Each student is expected to acquire computer hardware and software appropriate to the program. Competency in the basic use of a computer and the ability to navigate and interact with the course and curriculum content is the responsibility of the student and necessary for graduation.

Continuous Enrollment

Although continuous enrollment is not a requirement, the B.H.Sc. program strongly recommends students to enroll in at least two courses per semester, for the duration of their B.H.Sc. studies.

Online Student Center—Program and Course Communication

All students are required to visit the online student center at least once every two weeks. All communication and programmatic information will be posted in the online student center. It is required that all B.H.Sc. online students use the online student center when communicating with the program. All class communication must take place through the university's secure course management platform.

Bachelor of Health Science—Online Program Curriculum

The B.H.Sc.—Online Program is designed for completion in a distance-learning format and requires no on-campus time. The coursework is professor-paced using Web-based delivery. The curriculum is designed to build upon the existing knowledge base of the health care while focusing on the overall health care picture. Leadership and conflict resolution are but a few of the areas covered in the curriculum.

The program curriculum requires that a minimum of 33 semester hours of course work (including 21 semester hours of required core course work) be completed through the NSU B.H.Sc. program. To be eligible to graduate with the B.H.Sc. degree, a student must have completed a minimum of 30 credits of General Education course work in addition to the B.H.Sc. curriculum, with a resulting minimum total of 120 semester hours with a 2.0 cumulative grade point average and a 2.25 grade point average in the B.H.Sc. major.

General Education Requirements (30 credits)

Students are required to complete 30 credit hours as part of the General Education Program. For specific course requirements, refer to the "General Education Program" section on page 94 of this catalog.

Generalist Track Major Requirements (33 credits)

*Core Courses (24 credits)**

| | |
|----------|---|
| BHS 3110 | Health Care Ethics (3 credits) |
| BHS 3120 | Introduction to Epidemiology (3 credits) |
| BHS 3150 | Principles of Leadership (3 credits) |
| BHS 3155 | Conflict Resolution in Health Care (3 credits) |
| BHS 3160 | Health Policy (3 credits) |
| BHS 4000 | Cultural Competency in Health Care (3 credits) |
| BHS 4100 | Academic and Professional Writing (3 credits); (Must be taken during the first semester of enrollment in the program) |
| BHS 4140 | Independent Capstone in Health Science Studies (3 credits) |

* Students are required to obtain a grade of C or better (greater than or equal to 73 percent) in required core courses. Students receiving a grade of C- or lower in a required core course will be required to retake the course at its next scheduled offering.

Electives (minimum 9 credits)

The number of major electives requires is variable, based on the number of credit hours accepted for transfer.

| | |
|----------|---|
| BHS 3000 | Improving of Healthcare through Interprofessional Collaboration (3 credits) |
| BHS 3009 | Introduction to the Health Professions (3 credits) |
| BHS 3100 | Current Issues in Health Care (3 credits) |
| BHS 3101 | History of the US Health System (3 credits) |
| BHS 3130 | Research and Design for Health Care (3 credits) |
| BHS 3140 | Health Care Practice (3 credits) |
| BHS 3145 | Principles of Environmental Health (3 credits) |
| BHS 3151 | Health Services Management (3 credits) |
| BHS 3161 | Concepts of Health Care Finance (3 credits) |
| BHS 3170 | Health Care Delivery Systems (3 credits) |
| BHS 3180 | Interprofessional Collaboration (3 credits) |
| BHS 3190 | Patient Education in Health Care (3 credits) |
| BHS 3195 | Therapeutic Communications for Health Care Professionals (3 credits) |
| BHS 4001 | Individuals with Disabilities and Special Needs (3 credits) |
| BHS 4005 | Alternative Medicine in Health Care (3 credits) |
| BHS 4006 | Fundamentals of Chinese Medicine (3 credits) |
| BHS 4009 | Sports Medicine: Principles and Practice (3 credits) |
| BHS 4010 | Health Promotion and Disease Prevention (3 credits) |
| BHS 4011 | Bioterrorism: Health Care Readiness and Response (3 credits) |

| | |
|----------|---|
| BHS 4012 | Torture, Violence, and Trauma—Health Care’s Healing Role (3 credits) |
| BHS 4013 | Global Issues in Human Trafficking (3 credits) |
| BHS 4020 | Topics in Maternal, Child Health (3 credits) |
| BHS 4031 | Statistics for Health Professions (3 credits) |
| BHS 4050 | Community Capacity Building: An Interprofessional Approach (3 credits) |
| BHS 4110 | Health Care and Aging (3 credits) |
| BHS 4150 | The Science of Sound** (3 credits) |
| BHS 4151 | Linguistics & Psycholinguistic Variables of Normal Language Development** (3 credits) |
| BHS 4153 | Speech and Language Disorders for Health Care Practitioners (3 credits) |
| BHS 4160 | Education for Health Professions (3 credits) |
| BHS 4300 | Interprofessional Education Seminar (3 credits) |

** Student must receive departmental and academic advisor approval in order to be allowed to register for these courses.

Open/Transfer Electives (57 credits)

Students are required to complete 57 credit hours of open/transfer electives, consisting of transfer credits or additional B.H.Sc. elective coursework.

Total Degree Requirement: 120 credits (minimum)

Bachelor of Health Science—Health Care Administration Track Major Requirements

General Education Requirements (30 credits)

Students are required to complete 30 credit hours as part of the General Education Program. For specific course requirements, refer to the “General Education Program” section on page 94 of this catalog.

Health Care Administration Track Major Requirements (24 Credits)

| | |
|----------|--|
| BHS 3110 | Health Care Ethics (3 credits) |
| BHS 3120 | Introduction to Epidemiology (3 credits) |
| BHS 3150 | Principles of Leadership (3 credits) |
| BHS 3155 | Conflict Resolution in Health Care (3 credits) |
| BHS 3160 | Health Policy (3 credits) |
| BHS 4000 | Cultural Competency in Health Care (3 credits) |
| BHS 4100 | Academic and Professional Writing (3 credits) |
| BHS 4140 | Independent Capstone in Health Science Studies (3 credits) |

Health Care Administration Track Required Electives (15 credits)

| | |
|----------|---|
| BHS 3151 | Health Services Management (3 credits) |
| BHS 3161 | Health Services Finance (3 credits) |
| BHS 3162 | Economics of Health Care Services (3 credits) |
| BHS 3170 | Health Care Delivery Systems (3 credits) |
| BHS 4031 | Statistics for Health Sciences (3 credits) |

Open/Transfer Electives

Any combination of coursework consisting of additional BHS prefixed elective courses and/or prerequisites, transfer, or courses of any prefix with a course level of 1000 or above resulting in a total of 54 credits

Subtotal Open Electives/Transfer Elective Courses: 51 credits (minimum)

Total Degree Semester Hours Required: 120 credits (minimum)

BACHELOR OF SCIENCE—CARDIOVASCULAR SONOGRAPHY

Cardiac Sonography (Echocardiography)

Cardiac sonographers obtain images of the heart via ultrasound. Echocardiography is one of the most widely used imaging examinations for assistance in the diagnosis of heart disease. Echocardiography is especially useful for assessing diseases that affect the heart valves and for detecting abnormalities in the motion and appearance of the heart wall.

Vascular Sonography

Vascular sonographers use ultrasound imaging and other types of exams to detect anatomical and physiological changes caused by diseases of the arteries and veins and the resulting effects on organs and other tissues. Vascular disorders include carotid artery disease, which may lead to stroke; abdominal vascular diseases, such as aneurysms; peripheral arterial disease, which can result in chronic pain and may progress to loss of limbs; and venous conditions that can cause blood clots (thromboses), which can travel to the lungs (pulmonary embolism).

Cardiovascular Sonography Program

The NSU Cardiovascular Sonography Program in Tampa offers didactic and clinical training in both of these specialties, cardiac sonography (adult) and vascular sonography, as an integrated curriculum. Additional course content introduces the student to pediatric cardiac sonography and basic concepts in electrophysiological cardiology. Because of strong interrelationships between cardiac and vascular diseases, the need was seen for a comprehensive program covering both specialties. Also, some cardiology departments and other imaging providers may prefer that sonographers obtain training and professional registry in both cardiac sonography and vascular sonography for purposes of diagnostic expediency and professional flexibility. Graduates of the Cardiovascular Sonography program are eligible to apply for both the Adult Echocardiography and non-invasive Vascular Technology professional registry exams offered by the American Registry for Diagnostic Medical Sonography (ARDMS), and/or the corresponding credentials offered by Cardiovascular Credentialing International (CCI). The Cardiovascular Sonography program at NSU Tampa is accredited by the Commission on Accreditation of Allied Health Education Programs (CAAHEP).

Bachelor of Science—Cardiovascular Sonography (B.S.—CVS)

This degree program is designed to prepare students for entry-level positions in the field of Cardiovascular ultrasound. Students receive education as a combined curriculum in two of the most sought-after specialties of diagnostic medical ultrasound: adult echocardiography (cardiac ultrasound) and vascular sonography, (non-invasive vascular technology). This prepares them for the 12-month clinical externship during their second year.

The 24-month cardiovascular sonography program includes 12 months on-campus consisting of lectures; extensive, hands-on training in our ultrasound laboratory; online courses; and a 12-month focused or combined externship in a clinical laboratory setting. The graduating student will earn a bachelor's degree in cardiovascular sonography. Students will take a combination of general courses in the health science field and focused core courses in the cardiovascular sonography field. Examples of general courses include subjects such as Improving Health Care through Interprofessional Collaboration, Cultural Competency in Health Care, Health Services Management, and others. Examples of cardiovascular sonography core courses include Ultrasound Physics, Echocardiography, and Cerebrovascular Testing. While on campus, the student will spend more than 500 hours in the training laboratory learning imaging skills and techniques and physiologic testing methods prior to the clinical externship experience.

In the second year, the student will complete extensive experiential clinical training while continuing to take online courses. The student will perform their clinical externships in a vascular, adult echo, or combined vascular/ echo clinical setting, to practice skills and proficiencies and demonstrate clinical competencies. Up to 60-days prior to graduation, the student may be eligible to sit for one or both professional registry exams based upon completion of program and clinical competency requirements.

Prospective cardiovascular sonography students are selected by a holistic application review process which considers the overall qualities of the candidate. Areas of consideration include interpersonal skills, personal motivation, knowledge and understanding of the cardiovascular profession, academic performance and level of achievement, life experiences, and recommendations. Knowledge of the profession is essential. Personal interviews are offered to the most-qualified applicants to assess interpersonal and communication skills, altruistic attitude, maturity, and commitment to the cardiovascular profession. Phone interviews will not be provided, although remote video interviews via Zoom or equivalent technology may be offered.

Bachelor of Science—Cardiovascular Sonography Program Goals and Objectives

The Bachelor of Science – Cardiovascular Sonography Program Goals:

Per Standard II C of the CAAHEP/JRC-CVT, the program goals are:

1. To prepare competent entry-level cardiovascular technologists in the cognitive (knowledge), psychomotor (skills), and affective (behavior) learning domains for adult echocardiography, and
2. To prepare competent entry-level cardiovascular technologists in the cognitive (knowledge), psychomotor (skills), and affective (behavior) learning domains for non-invasive cardiovascular technology.

The Bachelor of Science – Cardiovascular Sonography Program objectives:

1. Minimum Expectations: “To prepare entry level general sonographers in the cognitive (knowledge) psychomotor (skills), and affective (behavior) learning domains” and “To prepare competent entry-level vascular and adult cardiac sonographers in the Cognitive (knowledge), Psychomotor (skills), and Affective (behavior) Learning Domains”.
2. To graduate competent adult cardiac and vascular sonographers who are qualified to perform a variety of standard and specialized diagnostic sonographic examinations of the adult heart and vascular system.
3. To ensure that graduates are qualified to take and pass the American Registry of Diagnostic Medical Sonography (ARDMS) registry examination in adult cardiac and vascular sonography.
4. To prepare graduates for future leadership roles in diagnostic sonography laboratories, ultrasound departments, education, and industry.
5. To enhance the students’ academic skills for pursuing research studies in the field of diagnostic medical sonography.
6. To enhance and develop the student’s leadership and health care knowledge through academic inquiry while using current, practical health care models.
7. To enhance the student’s understanding of different populations in health care and to prepare the student to take a leadership role in the rapidly changing healthcare environment.
8. To enhance the student’s understanding of the political, social, legal, and ethical issues that may be encountered and have an impact on areas of health care practice.
9. To develop knowledge that helps bridge clinical care, health care, and critical inquiry.

Bachelor of Science—Cardiovascular Sonography Program Outcomes

Students completing the Bachelor of Science - Cardiovascular Sonography Program will be able to:

1. Perform a variety of standard and specialized diagnostic adult cardiac and vascular examinations.
2. Demonstrate appropriate competency in key clinical performance standards in the Cognitive, Affective, and Psychomotor Domains.
3. Demonstrate knowledge by taking and passing the American Registry of Diagnostic Medical Sonography (ARDMS) registry examination for Sonography Principles and Instrumentation (SPI).
4. Qualify to sit for the American Registry of Diagnostic Medical Sonography (ARDMS) registry examinations for the Registered Vascular Technologist (RVT) and the Registered Diagnostic Cardiac Sonographer (RDCS) credentials.
5. Communicate effectively in a professional manner, using written and electronic methods.
6. Demonstrate empathy and respect in the delivery of competent care healthcare.
7. Communicate and acknowledge the impact that the social, legal, ethical, and political environment has on the development of health care policies; and the resulting implications, benefits, and effects on the delivery of health care practice.
8. Demonstrate the knowledge and ability to effectively search and retrieve information through electronic means.
9. Describe appropriate management / leadership skills and theories, and demonstrate at an appropriate level the application of such skills and theories by the ability to lead or manage effectively in an educational and/or health care environment.
10. Demonstrate the ability to apply knowledge of health care models, theories, and issues impacting health care delivery through academic and critical inquiry, as delivered via written, visual, multi-media, or verbal presentation.

Technical Standards

The profession of diagnostic medical sonography includes but is not limited to, the following physical, cognitive, auditory, and visual demands:

Physical: The ability to lift fifty pounds of weight repetitively, the ability to reach up, the ability to stand for up to 80% of the work day, the ability to push or pull heavy wheeled equipment and other devices such as wheelchairs or stretchers, high levels of manual dexterity to control the settings on ultrasound equipment, computers, and other devices.

Cognitive: the ability to remember, recall, and analyze information, the ability to work without distraction in a noisy environment, the ability to remain focused despite interruptions, the ability to cope with potentially stressful situations.

Auditory: the ability to hear with both ears within the normal human auditory range, the ability to distinguish a normal range of tonal sounds within the normal human hearing range.

Visual: the ability to distinguish a normal range of colors, the ability to discern high levels of detail visually, visual acuity or the corrected equivalent of normal 20/20 vision, the ability to monitor the environment and work effectively and safely in dimmed lighting conditions.

Computer Literacy

Access to and ongoing use of a computer will be required for all students to successfully complete the online programs and courses in the Cardiovascular Sonography Program. Each student is expected to acquire computer hardware and software appropriate to the program. Competency in the basic use of a computer and the ability to navigate and interact with the courses and curriculum content is the responsibility of the student and necessary for graduation.

Bachelor of Science—Cardiovascular Sonography Curriculum

General Education Requirements (30 credits)

Students are required to complete 30 credit hours as part of the General Education Program. For specific course requirements, refer to the “General Education Program” section on page 94 of this catalog.

Program-specific general education Science requirements are:

- Either 3 credits Human Anatomy I or Anatomy & Physiology I (with or without lab) and 3 credits Human Anatomy II or Anatomy & Physiology II (with or without lab), OR
- 3 credits of Human Anatomy I or Anatomy & Physiology I (with or without lab) and 3 credits General Physics (with or without lab).

Cardiovascular Sonography Major Requirements (92 credits)

| | |
|----------|---|
| BHS 3000 | Improving Health Care through Interprofessional Collaboration |
| BHS 3150 | Principles in Leadership (3 credits) |
| BHS 3151 | Health Services Management (3 credits) |
| BHS 4000 | Cultural Competency in Health Care (3 credits) |
| BHS 4100 | Academic and Professional Writing (3 credits) |
| BHS 4110 | Health Care and Aging (3 credits) |

Required Online Course (18 Credits)

| | |
|----------|--|
| CVS 3001 | Correlative Imaging and Anatomy (4 credits) |
| CVS 3000 | Introduction to Cardiovascular Instruments (3 credits) |
| CVS 3010 | Echocardiography I/Lab (5 credits) |
| CVS 3020 | Echocardiography II/Lab (5 credits) |
| CVS 3040 | Ultrasound Physics I (4 credits) |
| CVS 3050 | Ultrasound Physics II – SPI Review (2 credits) |
| CVS 3060 | Cerebrovascular Testing/Lab (3 credits) |
| CVS 3071 | Peripheral Vascular Testing I/Lab (4 credits) |
| CVS 3080 | Peripheral Vascular Testing II/Lab (4 credits) |
| CVS 3090 | Abdominal Vascular Testing/Lab (4 credits) |
| CVS 4500 | Clinical Externship I (12 credits) |
| CVS 4600 | Clinical Externship II (12 credits) |
| CVS 4700 | Clinical Externship III (12 credits) |

Required Core Courses: 74

Subtotal All Required Courses: 92 credits

Total Degree Requirement: 122 credits

Abdomen Extended and OB/GYN

Includes subspecialties in obstetrics and gynecology, organs of the body, and small parts (soft tissues and superficial glands). Professionals in this field are called sonographers or medical sonographers. Sonographers use diagnostic medical ultrasound to obtain images of internal organs such as the liver, gallbladder, bile ducts, pancreas, spleen, appendix, kidneys, and adrenal glands. Sonographers specializing in obstetrics and gynecology obtain images of the female pelvic organs and the fetus. Sonographers working in all these specialties determine normal from abnormal situations and contribute to the making of diagnosis of pathologies affecting those organs.

Vascular Sonography

Vascular Sonography studies the anatomical and physiological characteristics of blood vessels (veins and arteries) in the human body. Professionals working in this specialty are called vascular sonographers. They use ultrasound and other specialized equipment to assess the anatomic, physiologic, and pathologic conditions of veins and arteries. Among the most common studies are those of the carotid arteries, arteries of the upper and lower extremities, abdominal blood vessels, and intracranial circulation. Exploration of these vessels helps to determine the presence of plaques and thrombus, the direction of blood flow, and the process of revascularization, as well as the patency of grafts. Vascular Sonographers play a very important role in assessing the blood vessels in special situations such as stroke, peripheral arterial disease, abdominal aortic aneurysm, portal hypertension, and deep vein thrombosis. They even can help to select native vessels for grafts to be used in cardiac surgeries.

Bachelor of Science—Medical Sonography (B.S. Medical Sonography)

The Medical Sonography program in Fort Lauderdale offers didactic and clinical training in the abdominal, obstetrics, gynecology and vascular sonography subspecialties as one integrated curriculum. At the end of the program, the student will be able to perform abdominal sonography extended, obstetrics and gynecology sonography, as well as vascular sonography studies. The growing use of ultrasound and the need for sonographers with multiple credentials to accommodate new regulations in the health care field have set the ground for a comprehensive program that combines these two main specialties leading to the following credentials: RDMS (ABD), RDMS (OB/GYN) and RVT (Registered Vascular Technologist).

The Bachelor of Science in Medical Sonography Program was designed to prepare entry-level professionals in the fields of general and vascular sonography. During the first year, students take online course at the undergraduate level, as well as on-campus classes that include many hours each week in the training ultrasound lab. This is followed by online courses and a 12-month externship in a clinical site.

The Medical Sonography Program includes on-campus lectures; extensive, hands-on training in the ultrasound laboratory; online courses; and a 12-month focused or combined externship in a clinical laboratory setting. The graduating students will earn a Bachelor's degree in Medical Sonography. Students will take a combination of general courses in the health science field and focused core courses in the medical sonography field. Examples of general courses include subjects such as Writing for Medical Publication, Epidemiology, Biostatistics, and Principles and Practice of Management in Health Care. Examples of medical sonography courses include: Ultrasound Physics, Abdominal Sonography, Obstetrics and Gynecology Sonography, Small Parts Sonography, Arterial, Venous, and Cerebrovascular Testing. While on campus, the student will spend more than 500 hours in the training laboratory learning imaging skills and techniques and physiologic testing methods prior to the clinical externship experience, as well as vast exposure to Interprofessional Educational Activities (IPE).

In the second year, the student will complete an approximately 1,600-hour clinical training program while clinical rotations while continuing to take online courses. Graduates will be eligible to sit for the American Registry of Diagnostic Medical Sonography (ARDMS) registry examination. This exam is administered in two parts. The first part (SPI: Sonography Principles and Instrumentation) is geared toward evaluation of understanding of fundamental concepts in the technology of ultrasound. Students at Nova Southeastern University will be able to take this portion of the ARDMS exam upon successful completion of the Ultrasound Physics Course after the first term of the program. The second part of the exam—either the RVT or the RDMS—evaluates knowledge and understanding of anatomy, physiology, pathologies, quality assurance, examination protocols, etc. in the respective areas. Students will be eligible to take this portion of the ARDMS sixty-days before graduation, as stipulated by new regulations of the American Registry of Diagnostic Medical Sonography.

Bachelor of Science—Medical Sonography Program Objectives

The Bachelor of Science—Medical Sonography Program aims:

1. To prepare competent entry level sonographers in the cognitive (knowledge), psychomotor (skills), and affective (behavior) learning domains for the following concentration(s) it offers
 - Abdominal sonography – Extended
 - Obstetrics and gynecology sonography
 - Vascular sonography.
2. To graduate competent general and vascular medical sonographers who are qualified to perform a variety of standard and specialized diagnostic sonographic procedures.
3. To ensure that graduates are qualified to take and successfully pass the American Registry of Diagnostic Medical Sonography (ARDMS) registry examination in general and vascular sonography.
4. To prepare graduates for future leadership roles in diagnostic sonography laboratories ultrasound departments, education and industry.
5. To enhance the student's academic skills for pursuing research studies in the field of diagnostic medical sonography.
6. To enhance and develop the student's leadership and health care knowledge through academic inquiry while using current, practical health care models.
7. To enhance the student's understanding of different populations in health care and to prepare the student to take a leadership role in the rapidly changing healthcare environments.
8. To enhance the student's understanding of the political, social, legal and ethical issues that may be encountered and have an impact on areas of health care practice.
9. To develop knowledge that helps bridge clinical care, health care, and critical inquiry.

Bachelor of Science—Medical Sonography Learning Outcomes

Students completing the Bachelor of Science—Medical Sonography Program will be able to:

1. Perform a variety of standard and specialized diagnostic abdomen, OB-GYN, and vascular procedures.
2. Demonstrate appropriate competency in key clinical performance standards in the Cognitive, Affective, and Psychomotor Domains.
3. Complete the minimum number of clinical hours, as well as the number of procedures and types of procedures as established by the program.
4. Qualify to sit for the American Registry of Diagnostic Medical Sonography (ARDMS) registry examination for the Registered Vascular Technologist (RVT) and the Registered Diagnostic Medical Sonographer (RDMS) credentials.
5. Communicate in a professional manner using written and electronic methods.
6. Demonstrate empathy and respect in the delivery of competent healthcare.
7. Communicate and acknowledge the impact that the social and political environment has on the development of health care policies and the implications, benefits, and ramifications on the delivery of health care.
8. Demonstrate the knowledge and ability to search and retrieve information through electronic means.
9. Describe management / leadership skills and theories, and demonstrate at an appropriate level the application of such skills and theories by the ability to lead or manage effectively in an educational and/or health care environment.
10. Demonstrate understanding of the political, social, legal, and ethical issues that may be encountered and have an impact on areas of health care practice.
11. Demonstrate knowledge through the application of health care models, theories, and tools via written, visual, multi-media, or verbal presentation of the issues impacting health care delivery through academic and critical inquiry.

Bachelor of Science - Medical Sonography Program Clinical Requirement Required Hours

Students must complete all clinical competencies without exceptions—46 weeks (1,564 hours) of full-time clinical experience without exceptions. The minimum required clinical hours are the following (but not limited to):

- abdominal sonography—extended and OB-GYN sonography—800 hours
- vascular sonography (one full semester at a vascular site with a minimum of)—400 hours

When students do not achieve all of their competencies in abdominal—extended, OB-GYN, or vascular sonography, the clinical coordinators reserve the right to split a semester between the general sonography program (abdominal—extended and OB-GYN) and vascular sonography to allow this. Hours accrued per term may vary depending on semester length, patient volume, and clinical site. A total number of 1,564 clinical hours, All clinical competencies, and all courses credits required. for degree completion must be completed to fulfill graduation requirements.

Technical Standards

The profession of diagnostic medical sonographer includes but is not limited to, the following physical, cognitive, auditory, and visual demands:

Physical: The ability to lift fifty pounds of weight, the ability to reach up, the ability to stand for up to 80% of the time, the ability to push or pull equipment and other devices such as wheelchairs or stretchers, manual dexterity to control the settings on computers and on the ultrasound equipment,

Cognitive: the ability to remember, recall, and analyze information, the ability to work in a noisy environment, the ability to remain focused despite interruptions, the ability to cope with potentially stressful situations,

Auditory: the ability to hear from both ears within normal auditory range, the ability to distinguish sounds within normal hearing range,

Visual: the ability to distinguish colors, the ability to monitor the environment and work in dimmed light.

Computer Literacy

Access to and ongoing use of a computer will be required for all students to complete the bachelor's degree program in general and vascular sonography successfully. Each student is expected to acquire computer hardware and software appropriate to the Bachelor of Science in Medical Sonography Program. Competency in the basic use of a computer and the ability to navigate and interact with the course and curriculum content is the responsibility of the student and a requirement for graduation. All applicants must show evidence of computer skills through coursework or self-study prior to the end of the first term. Students may obtain instruction through the NSU Student Microcomputer Laboratory or other training facilities.

Bachelor of Science—Medical Sonography Curriculum

General Education Requirements (30 credits)

Students are required to complete 30 credit hours as part of the General Education Program. For specific course requirements, refer to the "General Education Program" section on page 94 of this catalog.

Medical Sonography Major Requirements (96 credits)

| | |
|----------|---|
| BHS 3110 | Health Care Ethics (3 credits) |
| BHS 3120 | Introduction to Epidemiology (3 credits) |
| BHS 3130 | Research and Design for Health Care (3 credits) |
| BHS 3150 | Principles of Leadership (3 credits) |
| BHS 3155 | Conflict Resolution in Health Care (3 credits) |
| BHS 3160 | Health Policy (3 credits) |
| BHS 4000 | Cultural Competency in Health Care (3 credits) |
| BHS 4100 | Academic and Professional Writing (3 credits) |
| BHS 4110 | Health Care and Aging (3 credits) |
| BHS 5105 | Basic Life Support (1 credit) |
| BMS 3110 | Introduction to Diagnostic Medical Sonography (3 credits) |
| BMS 3120 | Ultrasound Cross-sectional Anatomy (4 credits) |
| BMS 3130 | Ultrasound Physics I/Lab (3 credits) |
| BMS 3140 | Small Parts Sonography (4 credits) |
| BMS 3150 | Obstetrics and Gynecology Ultrasound I (4 credits) |
| BMS 3160 | Abdominal Sonography I Testing/Lab (4 credits) |
| BMS 3170 | Venous Testing/Lab (4 credits) |
| BMS 3190 | Peripheral Arterial Testing/Lab (4 credits) |

| | |
|----------|---|
| BMS 3230 | Ultrasound Physics Review/SPI Exam (1 credit) |
| BMS 3250 | Obstetrics and Gynecology Ultrasound II (4 credits) |
| BMS 3260 | Abdominal Sonography II Testing/Lab (4 credits) |
| BMS 3270 | Cerebrovascular Testing/Lab (4 credits) |
| BMS 3280 | Clinical Preparation and Review (4 credits) |
| BMS 4500 | Clinical Externship I (6 credits) |
| BMS 4600 | Clinical Externship II (7 credits) |
| BMS 4700 | Clinical Externship III (8 credits) |
| BMS 4800 | Clinical Supplement (8 credits)* |

*Elective course when extension of clinical externship is required.

Subtotal Required Courses: 96 credits

Total Degree Requirement: 126 credits

Program Outcomes/Effectiveness Data

At this time, we have determined that the Medical Sonography program meets the educational degree completion requirements for licensure in all 50 states, the District of Columbia and the US protectorates, as defined in **34 CFR §600.2**.

Program Outcomes/Effectiveness data are reported as a 3-year running average and publicly available on the program-specific web page per CAAHEP accreditation standards, at nova.edu/sonography.

Commission on Accreditation of Allied Health Education Programs (CAAHEP)
9355 113th Street N., #7709, Seminole, FL 33775-7709.
Phone: (727) 210-2350
Fax: (727) 210-2354
<https://caahep.org>

The Diagnostic Medical Sonography – Vascular Program – is accredited by the **Commission on Accreditation of Allied Health Education Programs** (<https://caahep.org>). Upon the recommendation of the Joint Review Committee on Education in Diagnostic Medical Sonography (JRC-DMS), the program has been granted continuing accreditation until the year 2026.

The Diagnostic Medical Sonography – Abdomen-Extended Program – is accredited by the **Commission on Accreditation of Allied Health Education Programs** (caahep.org). Upon the recommendation of the Joint Review Committee on Education in Diagnostic Medical Sonography (JRC-DMS), the program has been granted continuing accreditation until the year 2026.

The Diagnostic Medical Sonography – Obstetrics and Gynecology Program – is accredited by the **Commission on Accreditation of Allied Health Education Programs** (www.caahep.org). Upon the recommendation of the Joint Review Committee on Education in Diagnostic Medical Sonography (JRC-DMS), the program has been granted continuing accreditation until the year 2026.

Health Science Undergraduate Core

The courses listed below are offered online to serve the NSU undergraduate population. Students should check with their academic advisors which courses may satisfy general education, electives, or major requirements.

| | |
|----------|--|
| BHS 3000 | Improving Healthcare through Interprofessional Collaboration (3 credits) |
| BHS 3009 | Introduction to the Health Professions (3 credits) |
| BHS 3100 | Current Issues in Health Care (3 credits) |
| BHS 3101 | History of the US Health System (3 credits) |
| BHS 3110 | Health Care Ethics (3 credits) |
| BHS 3120 | Introduction to Epidemiology (3 credits) |
| BHS 3130 | Research Design for Health Care (3 credits) |
| BHS 3140 | Health Care Practice (3 credits) |
| BHS 3145 | Principles of Environmental Health (3 credits) |
| BHS 3150 | Principles of Leadership (3 credits) |
| BHS 3151 | Health Services Management (3 credits) |
| BHS 3155 | Conflict Resolution in Health Care (3 credits) |

| | |
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| BHS 3160 | Health Policy (3 credits) |
| BHS 3161 | Health Services Finance (3 credits) |
| BHS 3162 | Economics of Health Care Services (3 credits) |
| BHS 3170 | Health Care Delivery Systems (3 credits) |
| BHS 3180 | Interprofessional Collaboration (3 credits) |
| BHS 3190 | Patient Education in Health Care (3 credits) |
| BHS 3195 | Therapeutic Communications for Health Care Professionals (3 credits) |
| BHS 4000 | Cultural Competency in Health Care (3 credits) |
| BHS 4001 | Individuals with Disabilities and Special Needs (3 credits) |
| BHS 4005 | Alternative Medicine in Health Care (3 credits) |
| BHS 4006 | Fundamentals of Chinese Medicine (3 credits) |
| BHS 4009 | Sports Medicine: Principles and Practice (3 credits) |
| BHS 4010 | Health Promotion and Disease Prevention (3 credits) |
| BHS 4011 | Bioterrorism: Health Care Readiness and Response (3 credits) |
| BHS 4012 | Torture, Violence, and Trauma—Health Care's Healing Role (3 credits) |
| BHS 4013 | Global Issues in Human Trafficking (3 credits) |
| BHS 4020 | Topics in Maternal, Child Health (3 credits) |
| BHS 4031 | Statistics for Health Professions (3 credits) |
| BHS 4050 | Community Capacity Building: An Interprofessional Approach (3 credits) |
| BHS 4100 | Academic and Professional Writing (3 credits) |
| BHS 4110 | Health Care and Aging (3 credits) |
| BHS 4150 | The Science of Sound** (3 credits) |
| BHS 4151 | Linguistics & Psycholinguistic Variables of Normal Language Development** (3 credits) |
| BHS 4153 | Speech and Language Disorders for Health Care Practitioners (3 credits) |
| BHS 4160 | Education for Health Professions (3 credits) |
| BHS 4300 | Interprofessional Education Seminar (3 credits) |

Department of Speech-Language Pathology

The Department of Speech-Language Pathology offers undergraduate, graduate and postgraduate courses of study. The programs foster the development of students' knowledge, leadership, and problem-solving skills through scientifically based curricula that incorporate current research, ethical decision making, and models of best practice.

Major

SPEECH-LANGUAGE AND COMMUNICATION DISORDERS MAJOR

The Bachelor of Science (B.S.) in Speech-Language and Communication Disorders (SLCD) is designed as a pre-professional degree and provides students with the ability to address some of the academic requirements for American Speech-Language-Hearing Association (ASHA) certification. Additionally, the program is designed to serve as a pathway to graduate degrees, Speech-Language Pathology or Audiology, at Nova Southeastern University or elsewhere, by providing the necessary prerequisite coursework. Depending on the state in which the student resides, graduates of the undergraduate program can apply for licensure as a speech-language pathology or audiology assistant, which permits them to work under the direction of a certified and licensed speech and hearing professional in education and health-related settings. Students will be provided with a research-based, academic foundation in the concepts and principals in speech, hearing, language, and human communication disorders. The curriculum provides the scientific basis for subsequent coursework in the area of assessment and treatment of various communication disorders, instills a research philosophy in communication sciences and disorders, and introduces the profession as a career. Additionally, students will develop critical thinking and problem-solving skills in their courses.

B.S. in Speech-Language and Communication Disorders Learning Outcomes

After completing the program, students will be able to demonstrate the ability to:

1. Apply fundamental concepts of basic sciences (i.e., biological, physical, mathematics/statistics, behavioral and social sciences) to the speech-language and communication disorders discipline.
2. Demonstrate professional oral, and written language skills.
3. Describe basic human communication and swallowing processes, including their biological, neurological, acoustic, psychological, developmental, linguistic and cultural bases.
4. Describe speech, language, and hearing disorders.
5. Observe a range of clients with communication disorders in a variety of settings.
6. Apply appropriate technology to speech-language and communication disorders.
7. Demonstrate flexible and adaptive problem-solving skills in the scientific and clinical curriculum.
8. Develop the research skills needed to be a lifelong learner; and
9. Discuss and demonstrate ethical and professional behaviors in the field of speech-language and communication disorders.

Program Completion Requirements:

To graduate, a student must (a) successfully complete all coursework and apply for degree conferral, (b) maintain a cumulative grade point average of 2.5 or higher and (c) meet all financial obligations to the University.

B.S. in Speech-Language and Communication Disorders Major Curriculum

General Education Requirements (30 credits)

Students are required to complete 30 credit hours as part of the General Education Program. For specific course requirements, refer to the "General Education Program" section on page 94 of this catalog.

B.S. in Speech-Language and Communication Disorders Program Requirements (24 credits)

ESOL 2903

Cross Cultural Studies (3 credits)

| | |
|---|---|
| PSYC 2390 | Adulthood and Aging (3 credits) |
| Any SPCH course (Oral Communication, 3 credits) | |
| EDUC 3350 | Survey of Exceptional Student Education (3 credits) |
| BHS 4150 | The Science of Sound (3 credits) |
| BIOL 1070 | Basics of Human Heredity (3 credits) |
| PSYC 2300 | Behavior Modification (3 credits) |
| BHS 4001 | Individuals with Disabilities and Special Needs (3 credits) |

B.S. in Speech-Language and Communication Disorders Major Requirements (42 credits)

| | |
|-----------|--|
| CSAD 2010 | Communication Disorders Through Film & Media (3 credits) |
| CSAD 3010 | Phonetics (3 credits) |
| CSAD 3020 | Anatomy & Physiology of Speech, Language, and Hearing (3 credits) |
| CSAD 3025 | Language Science (3 credits) |
| CSAD 3030 | Speech and Language Development (3 credits) |
| CSAD 3035 | Foundations of Language and Literacy (3 credits) |
| CSAD 3040 | Neuroanatomy (3 credits) |
| CSAD 3050 | Hearing and Speech Science (3 credits) |
| CSAD 3060 | Directed Observation (1 credit) |
| CSAD 3080 | Introduction to Research in CSD (3 credits) |
| CSAD 4010 | Evaluation of Speech and Language Disorders (3 credits) |
| CSAD 4030 | Treatment of Speech and Language Disorders (3 credits) |
| CSAD 4050 | Introduction to Audiology (3 credits) |
| CSAD 4070 | Rehabilitation for People having Hearing Impairment (3 credits) |
| CSAD 4080 | Capstone (2 credits) <u>OR</u> CSAD 4081 Foundations for the SLP Assistant (2 credits) |

Program Electives (24 credits)

Total Credits Required for Degree Completion: 120 credits

Minor

SPEECH-LANGUAGE PATHOLOGY MINOR

Speech-Language Pathology Minor Requirements (18 credits)

All students minoring in speech-language pathology will need to complete the following:

| | |
|-----------|--|
| CSAD 2010 | Communication Disorders through Film and Media (3 credits) |
| CSAD 3010 | Phonetics (3 credits) |
| CSAD 3020 | Anatomy and Physiology of the Speech-Language and Hearing Mechanisms (3 credits) |
| CSAD 3030 | Speech-Language Development (3 credits) |
| CSAD 3040 | Neuroanatomy (3 credits) |
| CSAD 4060 | Audiology and Aural Rehabilitation |

Students are required to complete 30 credit hours as part of the General Education Program. For specific course requirements, refer to the "General Education Program" section on page 94 of this catalog.

Farquhar Honors College

Farquhar Honors College

Dean's Message



Welcome to the Farquhar Honors College at Nova Southeastern University. The university is recognized for its smaller class sizes, innovative and interactive learning experiences, and commitment to engaging with the community beyond the classroom. The Honors College champions these standards by providing distinguished academic and co-curricular programs of excellence.

Highly motivated and high-achieving leaders discover that the Farquhar Honors College is the perfect community to advance their potential as undergraduate students at Nova Southeastern University. Open to students in all majors, the college provides a rich educational experience for a network of select students from across the university.

As a student in the Honors College, you are a part of programs supporting opportunities for hands-on learning, individualized study, community and campus leadership roles, faculty mentorship, study-abroad, and dynamic workshops and seminars.

The Farquhar Honors College is an inclusive learning environment that will encourage your creative thinking and stimulate your intellectual curiosity.

A handwritten signature in black ink that reads "Andrea Nevins".

Andrea Nevins, Ph.D., M.F.A.
Dean and Professor,
Farquhar Honors College

Introduction to the College

NSU's Farquhar Honors College provides a rich educational experience for highly motivated and high achieving undergraduate students through curricular and co-curricular activities. Students in the Honors College engage in unique, thought-provoking programs and courses; benefit from the mentorship of faculty members; and become part of an active network of current students and college alumni.

Students in the Farquhar Honors College have opportunities to:

- Question and discuss global issues from the perspective of multiple disciplines.
- Develop and participate in research and creative scholarly projects.
- Explore local and international cultures.
- Develop an appreciation for the arts.
- Contribute to team endeavors and serve in leadership roles in the classroom, in campus organizations, and in the larger Community.

Mission Statement

The Farquhar Honors College provides engagement and academic enhancement opportunities for undergraduate students seeking a stimulating, rigorous, and rewarding collegiate experience. The college serves as a steward for academically focused, value-added university programs; mentors high-ability undergraduate students; champions student-faculty interaction; celebrates undergraduate

research experience; affirms community and alumni affiliation and relationships; and collaborates with all NSU colleges to provide honors experience opportunities for students in each major.

Programs and Initiatives

Academic Honor Societies

Honor societies recognize student excellence, promote understanding of the discipline and provide a means by which undergraduate students can network and move forward in their career. The Honors College manages multi-disciplinary honor societies and brings faculty advisors and student leaders together on issues of common cause.

Fellowships and Scholarships

Students pursuing selective national and international distinguished fellowships and scholarships may be mentored through the Farquhar Honors College.

Honors in Major

Honors in Major provides a distinct recognition for honors quality work within the senior year of a student's undergraduate major program.

Honors Community

Approximately 10% of full-time undergraduate students in all majors are eligible to participate in unique academic and co-curricular workshops and events. Honors students may be recognized at graduation for completing distinct curriculum requirements. Additional scholarship support is also available to students in honors. Students must maintain specific curricular and performance requirements, as noted in the catalog.

Honors Transdisciplinary Studies minor

The Honors Transdisciplinary Studies minor provides a purposeful and applied supplemental course of study. It requires a 'Statement of Intent' submitted upon application and culminates with a 'Reflective Essay' submitted during the final year culminating with completion of the Honors College essays.

Undergraduate Student Symposium

The Undergraduate Student Symposium showcases the outstanding scholarship of NSU undergraduate students through student poster displays, multimedia presentations, research reels, and film presentations. This annual event has encouraged students to test their own hypotheses and uncover new ways of interpreting the world around them. Many of the projects featured at the symposium lead to further research, publication, or presentation at national conferences. Participating students develop mentoring relationships with faculty and experience firsthand the process and rewards of research and discovery. To prospective employers and graduate schools, these students demonstrate a unique and valuable level of academic engagement and initiative. NSU undergraduate students of all disciplines are encouraged to participate and attend.

College Learning Outcomes

The Farquhar Honors College's courses, initiatives, and projects are aligned to five pillars: distinguishing qualities of inquiry, innovation and creativity, global awareness and sensitivity, art and culture, and ethics and engagement. Honors affiliated faculty are highly vested in fostering these attributes, which are further reflected through the following learning outcomes. These pillars – and outcomes – serve as defining experiences for Honors College participation.

All students engaged with programs in the Honors College are expected to pursue these outcomes.

Inquiry

1. Demonstrate advanced undergraduate skills in scholarship and research necessary to succeed in graduate or professional school and/or the workforce.
2. Apply the principles of conducting academic scholarship and research (consider problems, formulate hypotheses, gather meaningful information, and draw conclusions).
3. Conduct logical analysis and synthesis of information.

Innovation and Creativity

4. Recognize and apply multiple disciplinary approaches to analyzing and solving problems.
5. Make connections among issues, ideas, and methods learned inside and outside the classroom.
6. Communicate results fluently both orally and in writing.

Global Awareness and Sensitivity

7. Engage and discuss international issues and cultures from around the world.
8. Demonstrate knowledge of and provide comprehensive analyses of local, national, international, and intercultural issues, trends, and systems.
9. Engage in problem resolution addressing local, national, international, and intercultural issues.

Art and Culture

10. Analyze and appreciate cultural artifacts.
11. Demonstrate integrated knowledge and appreciation of the arts in their exploration of important questions and issues.

Ethics and Engagement

12. Demonstrate a commitment to ethical principles through engagement in the community.
13. Contribute to successful group and team endeavors including leadership roles in the classroom, campus organization(s), and the larger community.
14. Participate in an intellectual community committed to personal, professional, and community success and achievement.

Honors College Programs

The Farquhar Honors College offers several purposeful academic programs. The honors community, Honors in Major, and the Honors Transdisciplinary Studies minor offer distinctive opportunities for high performing students to work collaboratively, pursue challenging curricula, and gain faculty mentors. Engagement in these programs does not preclude involvement in other premier programs.

Honors College Community

The Honors College fosters intellectual community both within and across academic disciplines by offering special coursework, reading groups, and workshops to help students prepare for graduate school, advanced research, study abroad, and post-baccalaureate fellowships. Honors students connect classroom and community experiences, including travel study, social activities, speakers' series, and campus events. Academically talented and motivated students are encouraged to apply to honors; students may apply prior to or while enrolled in an undergraduate degree program.

A small annual scholarship is provided to students admitted into the Honors College. Honors students also have the opportunity to apply for a variety of additional awards exclusive to the Honors College and may be awarded additional institutional scholarships (including the Dean's Scholarship, which is distinct from the Honors College Scholarship). Students in Honors may also participate in the Dual Admission Program, athletics, Hochberg-Miniaci Razor's Edge, performing arts, and other premier programs.

The Honors College is housed on NSU's Fort Lauderdale/Davie Campus. For more information about the Honors College, contact the Office of the Dean in the Farquhar Honors College at (954) 262-8408 or visit the Honors College website at honors.nova.edu.

HONORS COLLEGE REQUIREMENTS

The Honors College establishes distinct requirements and high standards of academic achievement and conduct. Opportunities include honors seminars, courses, workshops, and events. New enrolling candidates for the Honors College are evaluated on the basis of prior academic performance and essays submitted with a secondary application. Approximately 10 percent of each year's entering student class is invited to participate. Admission to the university is a prerequisite for admission to honors.

Students in the Farquhar Honors College are expected to meet the following requirements and standards:

- Enroll as an undergraduate student on the Fort Lauderdale Campus of Nova Southeastern University.
- Maintain a minimum cumulative NSU grade point average (GPA) of 3.5.
- Actively work toward the curriculum requirements for completion of the General Citation in Honors, the Research Citation in Honors, or 'Honors in Major.'
- Engage consistently in Honors College co-curricular events and opportunities.
- Have no record of academic misconduct.
- Maintain full time enrollment in order to be eligible for the Honors College Scholarship.

Honors Citation and Honors in Major requirements must be completed at NSU. Honors courses will be noted on the student's transcript and students who successfully complete citation requirements will be recognized for their accomplishment.

Academic progress in honors is reviewed twice yearly. Honors students not meeting criteria may petition to retain honors status. Petitions are reviewed on a case-by-case basis. A report of academic misconduct for a student in honors requires an interview to determine whether the student's standing in the Honors College should be terminated. Such a change of status may affect the student's Honors College Scholarship eligibility. Please refer to the "Student Conduct—Academic Integrity" section on page 70 of this catalog for more information.

HONORS CITATIONS

Students in the Honors College may pursue one or both of the following citations.

General Citation in Honors

Students are required to complete 15 credits of honors coursework (honors seminars and/or honors-level classes) by graduation to receive the General Citation in Honors. All honors courses will be noted on the student's transcript and students who successfully complete the requirements of the General Citation in Honors will be recognized for their accomplishment. In order to receive a General Citation in Honors, students must hold a cumulative NSU GPA of 3.5 or higher at the time of degree conferral.

Research Citation in Honors

Students are required to complete 9 credits of honors coursework, including HONR 4990 Independent Study. In addition, students are required to complete an honors thesis. The honors thesis allows students to pursue independent research under the direction of a faculty mentor and typically takes two academic years to complete. Students must submit their thesis proposal for approval by the faculty mentor/adviser and the dean of the Farquhar Honors College. The successful completion and defense of an approved honors thesis is required to receive the Research Citation in Honors upon degree conferral. All honors courses will be noted on the student's transcript, and students who successfully complete the requirements of the honors thesis will be recognized for their accomplishment. In order to receive a Research Citation in Honors, students must hold a cumulative NSU GPA of 3.5 or higher at the time of degree conferral.

Honors Citation requirements must be completed at NSU. Honors students who successfully complete the requirements for an Honors Citation will receive a notation of this achievement on their NSU transcript and diploma and a medallion to be worn at commencement.

HONORS COURSES

Honors courses are highly interactive, discussion-based, and designed to enhance student critical thinking and problem-solving skills. Honors students have direct interaction with faculty and may be invited to present portions of the course material to classmates. Honors courses might include a field trip or other hands-on learning experiences. Honors seminars (HONR/HSCI/HSBS/HAAH prefixes) are unique courses offered only to students in the Honors College. Core courses offered as 'honors sections' (CHEM 1500H or COMP 1500H, for example) address the same learning outcomes as non-honors sections, and incorporate unique instructional methods such as problem based instruction, have smaller enrollment, and are limited to honors students.

Honors courses may be used to satisfy degree requirements for the major, honors minor, general education, and open electives.

For specific course information, visit honors.nova.edu/honors/courses.html.

Minor

HONORS TRANSDISCIPLINARY STUDIES MINOR

The Honors Transdisciplinary Studies minor, hosted by the Farquhar Honors College, provides a purposeful and applied supplemental course of study culminating with a reflection essay describing a culminating honors experience. Students may work with an honors faculty mentor to develop a program of advanced study across disciplines that broadens student perspective and deepens student understanding of issues reflected across the five foundational pillars.

Honors Transdisciplinary Studies Requirements:

Students admitted to the Honors College are designated to pursue this minor. Beginning in 2022, students will submit their initial Statement of Intent, reviewing what faculty they hope to learn from and the courses they hope to take, upon application to the Farquhar Honors College. Honors courses with the prefixes HAAH, HSBS, and HSCI may be used to satisfy both minor requirements along with the general education requirements. Some Honors courses may also be used to satisfy major requirements, students should consult their Academic Advisor for clarification.

Honors culminating experiences vary (such as a research experience, practicum, internship, sustained community service, or travel study). The project may be fulfilled through successful completion of an honors thesis, Honors in Major, and other substantive honors work. Honors projects are personalized and reflect student scholarly and professional goals.

Students must be admitted to the NSU Farquhar Honors College to pursue the Honors Transdisciplinary Studies Minor. Students must be in good standing in the Honors College to be awarded this minor (this includes having a minimum cumulative GPA of 3.5).

The Honors Transdisciplinary Studies minor requires three qualitative elements in addition to earning 15-24 honors (H or HONR/HSCI/HSBS/HAAH) credits:

1. **Statement of Intent** (essay 1): Students must submit an essay (250 minimum words), that (a) identifies honors courses anticipated to fulfill the minor, (b) presents a unifying/connected theme across these courses, and (c) identifies honors faculty members who assisted to shape this plan. As of fall 2022, this essay is submitted as part of your application to the Honors College (if you applied before fall 2022, you should submit this essay within your first year in the Honors College)
2. **Reflective Essay** (essay 2): Students must submit an essay (1-2 pages in length) that (a) describes an experience (any setting, not limited to campus engagement, research experience, community service, and/or emerging professional activity) where the outcomes from honors courses made a substantive and positive impact (b) reviews, updates, and evaluates the initial outcomes proposed in the first essay, and (c) identifies significant professional, academic, or scholarly contributions by honors faculty. This essay is to be submitted to the Dean of the Honors College no later than one month prior to degree conferral.
3. **Good Standing**: Students must hold good standing in the Honors College, which includes maintaining a cumulative GPA of 3.5 or higher.

Honors in Major

The Honors in Major program is a unique opportunity for high performing NSU undergraduate students in their senior year. If selected to join this program, students can expand the breadth and depth of knowledge in their academic discipline by completing an honors-quality project of interest with faculty's guidance. To learn more about the Honors in Major program, visit honors.nova.edu/honors-in-major/.

Benefits

As a student in the Honors in Major program, students will:

- work closely with faculty member(s), establishing a mentoring relationship
- gain a deeper understanding of a subject matter they are passionate about
- participate in a research or applied experience that reflects personal and professional goals

After completing the Honors in Major requirements, students will receive the following acknowledgments of this accomplishment:

- notation on the NSU diploma and transcript
- acknowledgement at NSU commencement
- invitation to an Honors College reception
- some colleges may provide additional recognition

Honors in Major Program Coordination

NSU's undergraduate Honors in Major program is offered university-wide and is administered by the Farquhar Honors College. The Honors College tracks student participation and provides support.

Student project requirements are managed by faculty members in the relevant academic department. Academic leadership in each college review and affirm project plans. Students are encouraged to read the college-specific Honors in Major requirements.

HONORS IN MAJOR APPLICATION REQUIREMENTS

To be considered for NSU's Honors in Major program:

- Students must have completed (or be in progress of completing) 90+ credits (all sources) when entering the final year of undergraduate coursework.
- Students must hold a 3.8+ cumulative NSU GPA (based on a minimum of 15 completed NSU credits and a minimum of 30 NSU credits earned/enrolled).
- NSU's Farquhar Honors College reaches out to students who meet these minimum program requirements.
- If selected to apply to the Honors in Major program, students must submit an application to the Honors College indicating interest.
- The application will be reviewed by the Honors College and by faculty members in the relevant academic department.
- Faculty members in each department may set more rigorous requirements.

HONORS IN MAJOR APPLICATION TIMELINE

Students must submit an application to participate in the Honors in Major program during the semester prior to the final two semesters of undergraduate coursework.

Application Deadlines:

- May degree completion: April 15 (preceding year)
- August degree completion: November 1 (preceding year)
- December degree completion: November 1 (preceding year)

Students will be notified of application status two weeks following the end of the semester in which the application is submitted.

If selected to participate in Honors in Major, students will also be considered a member of the Farquhar Honors College (with all the relevant privileges and recognition). Visit honors.nova.edu/academics/ to apply.

HONORS IN MAJOR REQUIREMENTS

Honors in Major projects are completed during the senior year at NSU (or during the last two semesters of student's undergraduate curricular engagement). While the Honors in Major project may include credit-bearing coursework, it does not increase the requirements for degree program.

Each NSU academic college has unique opportunities and requirements for the Honors in Major program:

Abraham S. Fischler College of Education and School of Criminal Justice

Students in the Abraham S. Fischler College of Education and School of Criminal Justice complete upper-level courses with supplemental projects such as:

- K-12 volunteer service hours
- Educational research
- Educational advocacy projects
- Research topics related to the criminal justice field
- Research topics related to work in human services

Faculty members serve as mentors for students in the program.

Students make presentations based on their projects to peers, faculty, and at conferences.

College of Computing and Engineering

Students in NSU's College of Computing and Engineering participate in distinctive capstone projects relevant to each of the majors in the college.

Projects may be further customized for each student and may include:

- Research projects
- Focused literature reviews
- Internships
- Community/university service

Students present the results of these projects in a relevant forum. Faculty members serve as mentors to individual students.

College of Psychology

Students in the College of Psychology Undergraduate Programs in psychology and neuroscience majors must have a 3.8 GPA in major courses, in addition to an overall GPA of 3.8.

Student may choose between the following:

Clinical Track

- Enroll in PSYC 4810
- Complete an in-depth literature review
- Give a brief classroom presentation
- All College of Psychology Honors in Major students will participate in the annual Department Symposium, giving a brief presentation on the project

OR

Research Track

To participate in the research track, an interview is required to assure mutual compatibility.

- Enroll in independent study (PSYC 4990 or NEUR 4990) or internship (PSYC 4950 or NEUR 4950)
- Collaborate with a faculty member on research
- Present research at an acceptable venue (Undergraduate Student Symposium, professional conference) approved by the faculty mentor
- All College of Psychology Honors in Major students will participate in the annual Department Symposium, giving a brief presentation on the project

Dr. Pallavi Patel College of Health Care Sciences

Students in the Dr. Pallavi Patel College of Health Care Sciences complete a major-specific project:

Exercise Science, Medical Sonography, Respiratory Therapy, Cardiovascular Sonography, and Speech Language Majors

Students select from the following project options:

- Original lab or field research on a topic relevant to the major
- An approved thesis in the Honors College on a topic relevant to the major
- A service learning project relevant to the major
- A capstone project involving critical literature review relevant to the major

Bachelor of Health Science Major

Students select from the following project options:

- A community service project (including training at the place of employment or in the community)
- A capstone project involving critical literature review of a topic relevant to the major

Dr. Kiran C. Patel College of Osteopathic Medicine

Students in the Dr. Kiran C. Patel College of Osteopathic Medicine will participate in major-specific projects. All students will participate in the annual department symposium, giving a brief presentation and reflection on the project.

Public Health, Human Nutrition, Health and Wellness Coaching, and Health Informatics Majors

Community Service Track

- Complete 40 community service hours in public health-related topic and/or heightened-need population.
- Collaborate with a faculty member to serve as mentor for the project.

OR

Project Track: (to participate in the project track, an interview with faculty mentor is required)

- Enroll in Independent Study in Public Health (BPH 4990)
- Collaborate with faculty member on research, service learning, or program development project.

Halmos College of Arts and Sciences and the Guy Harvey Oceanographic Research Center

Students in the Halmos College of Arts and Sciences and the Guy Harvey Oceanographic Research Center participate in major-specific projects:

Arts, Humanities, and Social Sciences Majors

Students in Arts, Humanities, and Social Science majors engage in upper-level academic and experiential major-specific activities. During the two-semester senior year experience, students are required to engage successfully in the following:

- Completion of an independent study course in the major with a full-time faculty member in the department who teaches in that major.
- Completion of one of the below options:
 - Participate in travel study/study abroad for academic credit
 - Complete an internship in the major for credit
 - Present at both an academic conference (first be approved by the department chair) and the undergraduate student symposium.
 - Participate in Model United Nations (UN) for at least one year or to the satisfaction of the Model UN faculty advisor
 - Participate in Mock Trial for at least one year or to the satisfaction of the Mock Trial faculty advisor

Biology Major

- Complete a written project (literature review, metadata analysis, or services learning) building upon work from BIOL 4950, BIOL 4960, BIOL 4961 or BIOL 4990 – and meet with a faculty committee to discuss/present the project.
- Complete four 4000 level biology elective courses (not including any of the following: BIOL 4950, BIOL 4960, BIOL 4961, and BIOL 4990)

Chemistry Major

- Complete a research project and enroll in specific upper level courses fulfilling degree requirements with a minimum GPA of 3.8 for their major

Marine Biology and Environmental Science Majors

- Complete an individualized project working with a faculty mentor

Mathematics Major

Students choose between

- *Project Track:* (research/thesis, service learning, capstone project) with a written report and presentation to a faculty panel. Students also enroll in specific upper-level courses to fulfill degree requirements.

OR

- *Curriculum Track:* more extensive course selections that fulfill degree requirements

H. Wayne Huizenga College of Business and Entrepreneurship

Students in the H. Wayne Huizenga College of Business and Entrepreneurship will:

- Complete an applied or research oriented project. Options for the project include an internship, independent study or research thesis.

Ron and Kathy Assaf College of Nursing

NSU's Ron and Kathy Assaf College of Nursing (ACON) candidates participate in a supplemental interview. Applicants must demonstrate a history of an ongoing and continuing community involvement.

Students are required to:

- Present a research poster at a professional venue
- Demonstrate an ongoing and continuing involvement in a professional or pre-professional nursing organization
- Serve as peer-to-peer mentors for students enrolled in the undergraduate nursing program, when requested
- Serve as student representatives at ACON Council/Committee meetings, when requested
- Continue to participate in community activities and/or or service learning opportunities at least once per year

Shepard Broad College of Law

During the two-semester senior year experience, students are required to engage successfully in the following:

- Completion of an independent study course in the major with a full-time faculty member in the department who teaches in that major.
- Completion of one of the below options:
 - Participate in travel study/study abroad for academic credit (first be approved by the department chair)
 - Complete an internship in the major for credit (first be approved by the department chair)
 - Complete a public-service project (first be approved by the department chair)
 - Present at an academic conference (first be approved by the department chair) or the undergraduate student symposium.

H. Wayne Huizenga College of Business and Entrepreneurship

H. Wayne Huizenga College of Business and Entrepreneurship

Dean's Message



Welcome to the H. Wayne Huizenga College of Business and Entrepreneurship (HCBE). On behalf of the faculty we are thrilled to have you join our community of ambitious and talented individuals pursuing a degree in business in one of our many exciting majors. Regardless of your chosen major, the vision of HCBE will be woven throughout your coursework. The vision of HCBE is that graduates of HCBE will innovate, influence, and transform organizations are that “best for our world TM.” The vision speaks to the role of HCBE in our community so that among other things, our graduates will be the ones to lead us through tumultuous events whether they impact our businesses or society in general.

As you embark on your journey, know that you are entering an exciting and dynamic field that is constantly evolving. The skills and knowledge you will gain here will prepare you for a wide range of career opportunities and equip you with the tools to become a successful businessperson, leader, or entrepreneur.

Our faculty members are passionate about their areas of expertise and are committed to providing you with a cutting-edge education. They will challenge you to think critically, solve problems creatively, and develop a global and adaptive mindset.

Beyond the classroom, we offer a variety of extracurricular activities and opportunities for you to get involved and enhance your skills and experiences. From internships and study abroad programs to clubs and networking events, there are countless ways for you to gain practical experience and build your professional network.

We are excited to see the impact you will make in the world of business and entrepreneurship. Remember to work hard, embrace new challenges, and stay curious about existing and emerging processes, techniques, and technologies. We are here to support you every step of the way.

Best wishes for a successful journey ahead!

A handwritten signature in black ink that reads "Andrew Rosman". The signature is fluid and cursive, with the first name and last name clearly legible.

Andrew Rosman, Ph.D.
Dean, H. Wayne Huizenga College of Business and Entrepreneurship

Vision Statement

Graduates of H. Wayne Huizenga College of Business and Entrepreneurship (HCBE) will innovate, influence, and transform organizations that are best *for* our world™.

Mission Statement

We prepare business and entrepreneurial leaders to embody values-based decision making as they adapt, innovate, influence, and transform organizations to tackle tomorrow's challenges and opportunities.

Principles

We are committed to setting the example across business schools and all academic areas at NSU that profit, the people of the workplace, and our world in which we live must be in balance for the greater good. We embrace each of NSU's core values, with a particular emphasis on the following:

- **Integrity** is the core of our College and we take the stewardship of how we treat others seriously. We focus on transparency in doing the right thing with every decision.
- We believe in the power of working together to create a culture of **collaboration** and respect, which adds value to our teams and our relationships with the University and external **communities**.
- Our efforts through research, teaching, service, and fundraising focus on the success of our students. This **student-centeredness** is evident from recruitment to graduation and beyond when our students become alumni.

Introduction to the College

Undergraduate majors in business fields are offered through the H. Wayne Huizenga College of Business and Entrepreneurship. The information provided in this section addresses curricular requirements for majors and minors in business administration and related fields under the direction of the Huizenga College's faculty. Curricula are subject to change. Students should consult their academic advisor regarding course selection and program planning.

The H. Wayne Huizenga College of Business and Entrepreneurship is accredited by the AACSB International (Association to Advance Collegiate Schools of Business).

Internships Across the Curriculum

Internships provide experiential learning opportunities that integrate knowledge and theory learned in the classroom with practical skills development in a professional setting. Internships allow students to gain valuable applied experience, explore career paths, and make connections with potential employers. Students in all business undergraduate programs are required to complete at least one internship or a study abroad experience during their time in the program. This requirement can be met by completing a credit-bearing internship of three or more credits, or on a non-credit basis. Those who pursue the non-credit option will replace the internship/study abroad experience credits with any credits offered by HCBE.

The H. Wayne Huizenga College of Business and Entrepreneurship works collaboratively with the NSU Career Development office to offer numerous paid and unpaid internships. To learn more about internships, students should visit nova.edu/career/students/internships.html or the Office of Career Development located on the first floor in the Horvitz Administration Building or call (954) 262-7201 for assistance.

Ethics Across the Curriculum Policy

Nova Southeastern University faculty believes that a socially responsible institution should not limit the study of ethical issues only to coursework, but that such study should be an ongoing endeavor, enhancing the experience of the student. To this end, the faculty is committed to making the study of ethical issues an integral part of the bachelor's degree academic program. The faculty believes that by incorporating the study of ethics throughout the curriculum, students will give additional relevance and reality to their studies, which will help them to become more responsible and productive citizens.

Business Programs

The Bachelor of Science in Business Administration degree program offered through the H. Wayne Huizenga College of Business and Entrepreneurship provides the following majors: accounting, business of health, entrepreneurship, finance, management, marketing, property management and real estate, and sport and recreation management.

Student Learning Goals and Outcomes (SLOs)

A successful graduate of the Bachelor of Science in Business Administration degree program will be able to:

1. **Business Knowledge:** Our students will have knowledge in the core business disciplines.
 - Our students identify the principle concepts and theories in the core business disciplines.
2. **Critical Thinking:** Our students think critically in a business context.
 - Our students will diagnose and solve a business problem.
3. **Communications:** Our students will be effective communicators.
 - Our students deliver effective oral presentations.
 - Our students will compose professional business documents
4. **Ethics:** Our students will be ethical decision makers.
 - Our students will apply ethical theories to decisions.

Majors in Business

ACCOUNTING MAJOR

The accounting major prepares students for accounting careers in the public and private sectors as well as to lay a foundation for more advanced accounting education. The major will also serve as the foundation for those preparing for the CPA examination. The State Board of Accountancy in Florida requires an additional 30 credits beyond the bachelor's degree to qualify for the CPA license. To meet this requirement, the Huizenga School offers a master's degree program designed to satisfy the CPA requirements. Students are cautioned to plan their schedule carefully since upper-division accounting courses are offered only once per year.

Accounting Major Learning Outcomes

5. Properly apply generally accepted accounting principles (GAAP) in the preparation of financial statements.
6. Use appropriate cost and managerial accounting techniques to prepare information for decision making.
7. Demonstrate knowledge of auditing techniques and processes.
8. Correctly apply relevant UCC and tax codes and regulations.
9. Demonstrate knowledge of accounting information systems including the design and documentation of such systems.

Accounting Major Curriculum

General Education Requirements (30 credits)

Students are required to complete 30 credit hours as part of the General Education Program. For specific course requirements, refer to the "General Education Program" section on page 94 of this catalog.

Business Core (42 credits)

| | |
|----------|---|
| ACT 2021 | Foundations of Managerial Accounting (3 credits)* |
| ACT 2031 | Foundations of Financial Accounting (3 credits)* |
| BUS 2000 | Professional Success 1 (1 credit) |

| | |
|----------|--|
| BUS 3000 | Professional Success 2 (1 credit) |
| BUS 3700 | Professional Success 3 (1 credit) |
| FIN 3010 | Corporation Finance (3 credits) |
| INB 3550 | International Business (3 credits) |
| ISM 3660 | Management Information Systems (3 credits) |
| MGT 2050 | Principles of Management <i>OR</i> MGT 2050H Principles of Management Honors (3 credits) |
| MGT 2150 | Business Law I (3 credits) |
| MGT 4170 | Organizational Behavior (3 credits) |
| MGT 4880 | Business Strategy and Policy <i>OR</i> MGT 4880H Business Strategy and Policy Honors (3 credits) |
| MKT 3050 | Marketing Principles and Applications (3 credits) |
| OPS 3880 | Operations Management (3 credits) |
| QNT 2880 | Introduction to Business Analytics and Decision Making (3 credits) |

Choose Business Internship or Travel Study experience of at least 3 credits from the following courses: Business Internship (ACT 3900, ENT 3900, FIN 3900, MGT 3900, MKT 3900, REE 3900, or SPT 3900)

OR

Travel Study experience (ACT 4966, ENT 4966, FIN 4966, MGT 4966, MKT 4966, or SPT 4966)

OR

The internship/travel study experience requirement can be met by completing a credit-bearing course of three or more credits, or on a non-credit basis. Those who pursue the non-credit option will replace the internship/travel study experience credits with any credits offered by HCBE. This option is only available to students that work full-time or are on a NSU sports team with time conflicts that prohibit an internship or travel study experience.

Accounting Major Requirements (42 credits)

| | |
|----------|--|
| ACT 3030 | Cost Management (3 credits)* |
| ACT 3050 | Intermediate Accounting I (3 credits)* |
| ACT 3060 | Intermediate Accounting II (3 credits)* |
| ACT 3070 | Intermediate Accounting III (3 credits)* |
| TXX 3110 | Federal Taxation I (3 credits)* |
| ACT 3150 | Business Law II for Accountants (3 credits)* |
| ACT 4010 | Advanced Accounting (3 credits)* |
| ACT 4050 | Accounting Information Systems (3 credits)* |
| TXX 4110 | Federal Taxation II (3 credits)* |
| ACT 4210 | Auditing I (3 credits)* |

Program Electives (12)

Students will complete 12 credits of program electives. Program electives are any courses offered by HCBE. Students are encouraged to work with their advisor to pursue a minor using the program electives to enhance career opportunities.

*Registration for this course may require a grade of C or higher in a prerequisite course. See the course description section of this catalog for details.

BUSINESS OF HEALTH MAJOR

The business of health major has two unique pathways that provide a comprehensive, flexible, transdisciplinary, problem-based, and team-based learning experience, exposing students to the full continuum of the U.S. health ecosystem – looking at the upstream, midstream, and downstream factors impacting the business of health, population health management, and healthcare delivery in the United States. The first pathway focused on health systems management and the second pathway focused on pre-medicine. The health systems management pathway is designed for present and future leaders in health systems and management with exposure to contemporary business skills, tools, and techniques to tackle issues in healthcare as an administrator functioning at any level in a healthcare organization. For students choosing the pre-medicine pathway, the general education and pre-med science courses also prepare students to take the MCAT exam and pursue medical school. The pre-medicine pathway is also an ideal option for students pursuing a medical career through the established track of completing the BSBA in Business of Health with the pre-medicine pathway followed by a four-year Doctor of Osteopathic Medicine (D.O.) degree. A dual admission program is available for qualified, high-achieving students. Information regarding dual-admission programs can be obtained through the Office of Undergraduate Admissions.

Health Systems Management Pathway (120 credits)

General Education Requirements (30 credits)

Students are required to complete 30 credit hours as part of the General Education Program. For specific course requirements, refer to the "General Education Program" section on page 94 of this catalog.

Business Core (42 credits)

| | |
|----------|--|
| ACT 2021 | Foundations of Managerial Accounting (3 credits) |
| ACT 2031 | Foundations of Financial Accounting (3 credits) |
| BUS 2000 | Professional Success 1 (1 credit) |
| BUS 3000 | Professional Success 2 (1 credit) |
| BUS 3700 | Professional Success 3 (1 credit) |
| FIN 3010 | Corporation Finance (3 credits) |
| INB 3550 | International Business (3 credits) |
| ISM 3660 | Management Information Systems (3 credits) |
| MGT 2050 | Principles of Management <i>OR</i> MGT 2050H Principles of Management Honors (3 credits) |
| MGT 2150 | Business Law I (3 credits) |
| MGT 4170 | Organizational Behavior (3 credits) |
| MGT 4880 | Business Strategy and Policy <i>OR</i> MGT 4880H Business Strategy and Policy Honors (3 credits) |
| MKT 3050 | Marketing Principles and Applications (3 credits) |
| OPS 3880 | Operations Management (3 credits) |
| QNT 2880 | Introduction to Business Analytics and Decision Making (3 credits) |

Choose Business Internship or Travel Study experience of at least 3 credits from the following courses: Business Internship (ACT 3900, ENT 3900, FIN 3900, MGT 3900, MKT 3900, REE 3900, or SPT 3900)

OR

Travel Study experience (ACT 4966, ENT 4966, FIN 4966, MGT 4966, MKT 4966, or SPT 4966)

OR

The internship/travel study experience requirement can be met by completing a credit-bearing course of three or more credits, or on a non-credit basis. Those who pursue the non-credit option will replace the internship/travel study experience credits with any credits offered by HCBE.

Business of Health Major Requirements (36 credits)

Choose 8 of the following:

| | |
|-----------|--|
| POPM 2000 | Population Med Fundamentals (3 credits) |
| POPM 2100 | Value-Based Health Care Systems (3 credits) |
| POPM 3000 | Evidence-Based Medicine (3 credits) |
| ACT 3200 | Activity-Based Costing in Healthcare (3 credits) |
| POPM 3500 | Health Systems Analysis and Mgt. (3 credits) |
| POPM 3600 | Disease Modeling (3 credits) |
| GIS 3100 | Applied GIS for Healthcare (3 credits) |
| POPM 4000 | Medical Decision Making (3 credits) |
| BPH 3010 | Concepts in Epidemiology (3 credits) |
| BPH 4020 | Policies, Sys., and Env. of Healthcare (3 credits) |
| BPH 4920 | Population Health Outcomes Analysis (3 credits) |

Program Electives (12 credits)

Any course offered by HCBE, OR, if a current student at NSU only transferring into the major, any course(s) completed as part of the original program at NSU.

Open Electives (9 credits)

Pre-Medicine Pathway

General Education Requirements (32 credits)

Students are required to complete 32 credit hours as part of the General Education Program. For specific course requirements, refer to the "General Education Program" section on page 94 of this catalog. In the humanities area, PHIL 3180 Biomedical Ethics is required.

For the 6 required credits in science, students are required to complete PHYS 2350 General Physics I with Lab and PHYS 2360 General Physics II with Lab.

Additional Pre-Med Sciences (28 credits)

| | |
|-----------|---|
| CHEM 1300 | General Chemistry I with Lab (4 credits) |
| CHEM 1310 | General Chemistry II with Lab (4 credits) |
| CHEM 2400 | Organic Chemistry I with Lab (4 credits) |
| CHEM 2410 | Organic Chemistry II with Lab (4 credits) |
| CHEM 3650 | Biochemistry/Lab (4 credits) |
| BIOL 1500 | Biology I with Lab (4 credits) |
| BIOL 1510 | Biology II with Lab (4 credits) |

Business Core (39 credits)

| | |
|----------|--|
| ACT 2021 | Foundations of Managerial Accounting (3 credits) |
| ACT 2031 | Foundations of Financial Accounting (3 credits) |
| FIN 3010 | Corporation Finance (3 credits) |
| INB 3550 | International Business (3 credits) |
| ISM 3660 | Management Information Systems (3 credits) |
| MGT 2050 | Principles of Management <u>OR</u> MGT 2050H Principles of Management Honors (3 credits) |
| MGT 2150 | Business Law I (3 credits) |
| MGT 4170 | Organizational Behavior (3 credits) |
| MGT 4880 | Business Strategy and Policy <u>OR</u> MGT 4880H Business Strategy and Policy Honors (3 credits) |
| MKT 3050 | Marketing Principles and Applications (3 credits) |
| OPS 3880 | Operations Management (3 credits) |
| QNT 2880 | Introduction to Business Analytics and Decision Making (3 credits) |

Choose Business Internship or Travel Study experience of at least 3 credits from the following courses: Business Internship (ACT 3900, ENT 3900, FIN 3900, MGT 3900, MKT 3900, REE 3900, or SPT 3900)

OR

Travel Study experience (ACT 4966, ENT 4966, FIN 4966, MGT 4966, MKT 4966, or SPT 4966)

OR

The internship/travel study experience requirement can be met by completing a credit-bearing course of three or more credits, or on a non-credit basis. Those who pursue the non-credit option will replace the internship/study study experience credits with any credits offered by HCBE. This option is only available to students that work full-time or are on a NSU sports team with time conflicts that prohibit an internship or travel study experience.

Business of Health Major Requirements (18 credits)

Choose 6 out of the following:

| | |
|-----------|---|
| POPM 2000 | Population Medicine Fundamentals (3 credits) |
| POPM 2100 | Value-Based Health Care Systems (3 credits) |
| POPM 3000 | Evidence-Based Medicine (3 credits) |
| ACT 3200 | Activity-Based Costing in Healthcare (3 credits) |
| BPH 4020 | Policies, Systems, and Environments of Healthcare (3 credits) |
| BPH 4920 | Population Health Outcomes Analysis (3 credits) |
| MGT 3300 | Values-Based Decision Making |

ENTREPRENEURSHIP MAJOR

Prepares current and future entrepreneurs with the necessary skills and tools to successfully start, build and scale a business. Fosters creative, innovative, and independent thinking. Discovery problems that are worth solving, design solutions and validate them through prototyping. Identify opportunities, formulate business ideas, and evaluate them within any organization and industry. Apply empirical and multidisciplinary frameworks for understanding the key successful factors that create new ventures within the context of any organization or industry. Gain experience in market analysis, strategy formulation, and management of a new venture.

Entrepreneurship Major Curriculum

General Education Requirements (30 credits)

Students are required to complete 30 credit hours as part of the General Education Program. For specific course requirements, refer to the "General Education Program" section on page 94 of this catalog.

Business Core (42 credits)

| | |
|----------|--|
| ACT 2021 | Foundations of Managerial Accounting (3 credits) |
| ACT 2031 | Foundations of Financial Accounting (3 credits) |
| BUS 2000 | Professional Success 1 (1 credit) |
| BUS 3000 | Professional Success 2 (1 credit) |
| BUS 3700 | Professional Success 3 (1 credit) |
| FIN 3010 | Corporation Finance (3 credits) |
| INB 3550 | International Business (3 credits) |
| ISM 3660 | Management Information Systems (3 credits) |
| MGT 2050 | Principles of Management <u>OR</u> MGT 2050H Principles of Management Honors (3 credits) |
| MGT 2150 | Business Law I (3 credits) |
| MGT 4170 | Organizational Behavior (3 credits) |
| MGT 4880 | Business Strategy and Policy <u>OR</u> MGT 4880H Business Strategy and Policy Honors (3 credits) |
| MKT 3050 | Marketing Principles and Applications (3 credits) |
| OPS 3880 | Operations Management (3 credits) |
| QNT 2880 | Introduction to Business Analytics and Decision Making (3 credits) |

Choose Business Internship or Travel Study experience of at least 3 credits from the following courses: Business Internship (ACT 3900, ENT 3900, FIN 3900, MGT 3900, MKT 3900, REE 3900, or SPT 3900)

OR

Travel Study experience (ACT 4966, ENT 4966, FIN 4966, MGT 4966, MKT 4966, or SPT 4966)

OR

The internship/travel study experience requirement can be met by completing a credit-bearing course of three or more credits, or on a non-credit basis. Those who pursue the non-credit option will replace the internship/travel study experience credits with any credits offered by HCBE.

Entrepreneurship Major Requirements (36 credits)

| | |
|----------|--|
| ENT 3100 | Entrepreneurial Mindset (3 credits) |
| ENT 4400 | Franchise Management (3 credits) |
| ENT 4810 | Social Entrepreneurship Experience (3 credits) |
| LED 3000 | Introduction to Leadership (3 credits) |
| REE 3301 | Real Estate Principles, Practices, and Law (3 credits) |

Choose three from the following:

| | |
|----------|--|
| ENT 3200 | Global Trading for Entrepreneurs (3 credits) |
| ENT 4966 | Travel Study in ENT (3 credits) |
| MGT 3020 | Business Communication (3 credits) |
| MGT 3100 | Managing Conflict and Change (3 credits) |
| MGT 3055 | Managing Groups and Teams (3 credits) |

| | |
|----------|---|
| MKT 3060 | Consumer Behavior (3 credits) |
| MKT 3100 | Services Marketing (3 credits) |
| MKT 3210 | Professional Selling (3 credits) |
| MKT 3510 | Customer Value and Relationship Marketing (3 credits) |
| MKT 3620 | Social Networking and Content Marketing (3 credits) |

Program Electives (12 credits)

Students will complete 12 credits of program electives. Program electives are any courses offered by HCBE. Students are encouraged to work with their advisor to pursue a minor using the program electives to enhance career opportunities.

FINANCE MAJOR

The finance major is designed for students who want to combine a broad approach to business studies with specialization in the discipline of finance. Specialized skills in finance are realized through the study of foreign currencies, investments, portfolio theory, financial management, money and banking, and economics. Graduates are well prepared to enter an M.B.A. program, professional programs such as law, and/or master's degree programs in finance. Graduates are also well prepared to work for a finance department across all industries or for a finance firm in the financial services industry, which includes investment brokerage, real estate, insurance, or financial planning.

Finance Major Curriculum

General Education Requirements (30 credits)

Students are required to complete 30 credit hours as part of the General Education Program. For specific course requirements, refer to the "General Education Program" section on page 94 of this catalog.

Business Core (42 credits)

| | |
|----------|--|
| ACT 2021 | Foundations of Managerial Accounting (3 credits) |
| ACT 2031 | Foundations of Financial Accounting (3 credits) |
| BUS 2000 | Professional Success 1 (1 credit) |
| BUS 3000 | Professional Success 2 (1 credit) |
| BUS 3700 | Professional Success 3 (1 credit) |
| FIN 3010 | Corporation Finance (3 credits) |
| INB 3550 | International Business (3 credits) |
| ISM 3660 | Management Information Systems (3 credits) |
| MGT 2050 | Principles of Management <u>OR</u> MGT 2050H Principles of Management Honors (3 credits) |
| MGT 2150 | Business Law I (3 credits) |
| MGT 4170 | Organizational Behavior (3 credits) |
| MGT 4880 | Business Strategy and Policy <u>OR</u> MGT 4880H Business Strategy and Policy Honors (3 credits) |
| MKT 3050 | Marketing Principles and Applications (3 credits) |
| OPS 3880 | Operations Management (3 credits) |
| QNT 2880 | Introduction to Business Analytics and Decision Making (3 credits) |

Choose Business Internship or Travel Study experience of at least 3 credits from the following courses: Business Internship (ACT 3900, ENT 3900, FIN 3900, MGT 3900, MKT 3900, REE 3900, or SPT 3900)

OR

Travel Study experience (ACT 4966, ENT 4966, FIN 4966, MGT 4966, MKT 4966, or SPT 4966)

OR

The internship/travel study experience requirement can be met by completing a credit-bearing course of three or more credits, or on a non-credit basis. Those who pursue the non-credit option will replace the internship/travel study experience credits with any credits offered by HCBE. This option is only available to students that work full-time or are on a NSU sports team with time conflicts that prohibit an internship or travel study experience.

Finance Major Requirements (36 credits)

| | |
|----------|---|
| ECN 3025 | Intermediate Macroeconomics (3 credits) |
| ECN 3210 | Monetary Theory and Policy (3 credits) |

| | |
|----------|--|
| FIN 3110 | Financial Management (3 credits) |
| FIN 3120 | Principles of Investments (3 credits) |
| FIN 3130 | Securities Analysis (3 credits) |
| FIN 3150 | Banking and Financial Institutions (3 credits) |
| FIN 4120 | Advanced Financial Management (3 credits) |
| FIN 4550 | International Finance (3 credits) |

Program Electives (12 credits)

Students will complete 12 credits of program electives. Program electives are any courses offered by HCBE. Students are encouraged to work with their advisor to pursue a minor using the program electives to enhance career opportunities.

MANAGEMENT MAJOR

The management major prepares students for careers with human, technical, and conceptual knowledge and skills, so they can effectively deal with the complexities of dynamic organizations in a multi-cultural and global context by:

- Planning proactively for uncertainty and risk,
- Organizing and collaborating with innovation and creativity,
- Leading legally, ethically, and in a socially responsible manner, and
- Evaluating with fairness and knowledge-based management.

Management Major Curriculum

General Education Requirements (30 credits)

Students are required to complete 30 credit hours as part of the General Education Program. For specific course requirements, refer to the “General Education Program” section on page 94 of this catalog.

Business Core (42 credits)

| | |
|----------|--|
| ACT 2021 | Foundations of Managerial Accounting (3 credits) |
| ACT 2031 | Foundations of Financial Accounting (3 credits) |
| BUS 2000 | Professional Success 1 (1 credit) |
| BUS 3000 | Professional Success 2 (1 credit) |
| BUS 3700 | Professional Success 3 (1 credit) |
| FIN 3010 | Corporation Finance (3 credits) |
| INB 3550 | International Business (3 credits) |
| ISM 3660 | Management Information Systems (3 credits) |
| MGT 2050 | Principles of Management <u>OR</u> MGT 2050H Principles of Management Honors (3 credits) |
| MGT 2150 | Business Law I (3 credits) |
| MGT 4170 | Organizational Behavior (3 credits) |
| MGT 4880 | Business Strategy and Policy <u>OR</u> MGT 4880H Business Strategy and Policy Honors (3 credits) |
| MKT 3050 | Marketing Principles and Applications (3 credits) |
| OPS 3880 | Operations Management (3 credits) |
| QNT 2880 | Introduction to Business Analytics and Decision Making (3 credits) |

Choose Business Internship or Travel Study experience of at least 3 credits from the following courses: Business Internship (ACT 3900, ENT 3900, FIN 3900, MGT 3900, MKT 3900, REE 3900, or SPT 3900)

OR

Travel Study experience (ACT 4966, ENT 4966, FIN 4966, MGT 4966, MKT 4966, or SPT 4966)

OR

The internship/travel study experience requirement can be met by completing a credit-bearing course of three or more credits, or on a non-credit basis. Those who pursue the non-credit option will replace the internship/travel study experience credits with any credits offered by HCBE. This option is only available to students that work full-time or are on a NSU sports team with time conflicts that prohibit an internship or travel study experience.

Management Major Requirements (36 credits)

| | |
|----------|--|
| ENT 3100 | Entrepreneurial Mindset (3 credits) |
| MGT 3100 | Managing Conflict and Change (3 credits) |
| HRM 4160 | Human Resource Management (3 credits) |
| HRM 4300 | Managing Workplace Pluralism (3 credits) |
| INB 4600 | International Management (3 credits) |
| LED 3000 | Introduction to Leadership (3 credits) |
| MGT 3020 | Business Communication (3 credits) |
| MGT 3055 | Managing Groups and Teams (3 credits) |

Program Electives (12 credits)

Students will complete 12 credits of program electives. Program electives are any courses offered by HCBE. Students are encouraged to work with their advisor to pursue a minor using the program electives to enhance career opportunities.

MARKETING MAJOR

The marketing major prepares students for marketing careers in today's changing marketplace, including careers in brand management, sales promotion, customer service, direct marketing, event planning, advertising, and media planning. The program provides students with an understanding of the marketing process for creating, communicating, and delivering products and services that have superior value for customers and other stakeholders. Students are exposed to a range of current marketing practices in their curriculum, which consists of core foundational courses and marketing electives. This is supplemented by internships, competitive marketing projects, and participation in the student chapter of the American Marketing Association.

Marketing Major Curriculum

General Education Requirements (30 credits)

Students are required to complete 30 credit hours as part of the General Education Program. For specific course requirements, refer to the "General Education Program" section on page 94 of this catalog.

Business Core (42 credits)

| | |
|----------|--|
| ACT 2021 | Foundations of Managerial Accounting (3 credits) |
| ACT 2031 | Foundations of Financial Accounting (3 credits) |
| BUS 2000 | Professional Success 1 (1 credit) |
| BUS 3000 | Professional Success 2 (1 credit) |
| BUS 3700 | Professional Success 3 (1 credit) |
| FIN 3010 | Corporation Finance (3 credits) |
| INB 3550 | International Business (3 credits) |
| ISM 3660 | Management Information Systems (3 credits) |
| MGT 2050 | Principles of Management <u>OR</u> MGT 2050H Principles of Management Honors (3 credits) |
| MGT 2150 | Business Law I (3 credits) |
| MGT 4170 | Organizational Behavior (3 credits) |
| MGT 4880 | Business Strategy and Policy <u>OR</u> MGT 4880H Business Strategy and Policy Honors (3 credits) |
| MKT 3050 | Marketing Principles and Applications (3 credits) |
| OPS 3880 | Operations Management (3 credits) |
| QNT 2880 | Introduction to Business Analytics and Decision Making (3 credits) |

Choose Business Internship or Travel Study experience of at least 3 credits from the following courses: Business Internship (ACT 3900, ENT 3900, FIN 3900, MGT 3900, MKT 3900, REE 3900, or SPT 3900)

OR

Travel Study experience (ACT 4966, ENT 4966, FIN 4966, MGT 4966, MKT 4966, or SPT 4966)

OR

The internship/travel study experience requirement can be met by completing a credit-bearing course of three or more credits, or on a non-credit basis. Those who pursue the non-credit option will replace the internship/travel study experience credits with any credits offered by HCBE. This option is only available to students that work full-time or are on a NSU sports team with time conflicts that prohibit an internship or travel study experience.

Marketing Major Requirements (36 credits)

All three courses are required

| | |
|----------|---|
| MKT 3060 | Consumer Behavior (3 credits) |
| MKT 4100 | Integrated Marketing Communications (3 credits) |
| MKT 4700 | Marketing Research (3 credits) |

Marketing Electives

Select five courses from the following:

| | |
|----------|---|
| MKT 2000 | Meet the Metaverse (3 credits) |
| MKT 3100 | Services Marketing (3 credits) |
| MKT 3210 | Professional Selling (3 credits) |
| MKT 3320 | International Marketing (3 credits) |
| MKT 3510 | Customer Value and Relationship Marketing (3 credits) |
| MKT 3600 | Digital and Search Engine Marketing (3 credits) |
| MKT 3620 | Social Networking & Content Marketing (3 credits) |

Program Electives (12 credits)

Students will complete 12 credits of program electives. Program electives are any courses offered by HCBE. Students are encouraged to work with their advisor to pursue a minor using the program electives to enhance career opportunities.

JAMES DONNELLY PROPERTY MANAGEMENT AND REAL ESTATE MAJOR

The property management and real estate major provides students with skills and industry knowledge essential to success in property management. Property management and real estate professionals need to be leaders who are sharp, adaptable, and ready to explore creative solutions for maximizing revenue for the property owner while serving the needs of the property's tenants. Students are exposed to several aspects of the property management and real estate industry including valuation, maintenance, and operations.

Property Management and Real Estate Major Curriculum

General Education Requirements (30 credits)

Students are required to complete 30 credit hours as part of the General Education Program. For specific course requirements, refer to the "General Education Program" section on page 94 of this catalog.

Business Core (42 credits)

| | |
|----------|--|
| ACT 2021 | Foundations of Managerial Accounting (3 credits) |
| ACT 2031 | Foundations of Financial Accounting (3 credits) |
| BUS 2000 | Professional Success 1 (1 credit) |
| BUS 3000 | Professional Success 2 (1 credit) |
| BUS 3700 | Professional Success 3 (1 credit) |
| FIN 3010 | Corporation Finance (3 credits) |
| INB 3550 | International Business (3 credits) |
| ISM 3660 | Management Information Systems (3 credits) |
| MGT 2050 | Principles of Management <u>OR</u> MGT 2050H Principles of Management Honors (3 credits) |
| MGT 2150 | Business Law I (3 credits) |
| MGT 4170 | Organizational Behavior (3 credits) |
| MGT 4880 | Business Strategy and Policy <u>OR</u> MGT 4880H Business Strategy and Policy Honors (3 credits) |
| MKT 3050 | Marketing Principles and Applications (3 credits) |
| OPS 3880 | Operations Management (3 credits) |
| QNT 2880 | Introduction to Business Analytics and Decision Making (3 credits) |

Choose Business Internship or Travel Study experience of at least 3 credits from the following courses: Business Internship (ACT 3900, ENT 3900, FIN 3900, MGT 3900, MKT 3900, REE 3900, or SPT 3900)

OR

Travel Study experience (ACT 4966, ENT 4966, FIN 4966, MGT 4966, MKT 4966, or SPT 4966)

OR

The internship/travel study experience requirement can be met by completing a credit-bearing course of three or more credits, or on a non-credit basis. Those who pursue the non-credit option will replace the internship/travel study experience credits with any credits offered by HCBE. This option is only available to students that work full-time or are on a NSU sports team with time conflicts that prohibit an internship or travel study experience.

Property Management and Real Estate Major Requirements (36 credits)

| | |
|----------|--|
| GIS 3200 | GIS Applications for Business and Entrepreneurship (3 credits) |
| REE 3301 | Real Estate Principles, Practices and Law (3 credits) |
| REE 4302 | Residential Property Management (3 credits) |
| REE 4303 | Commercial Property Management (3 credits) |
| REE 4304 | Facilities Management (3 credits) |
| REE 4305 | Property Portfolio and Asset Management (3 credits) |
| REE 4306 | Hospitality, Resort, Cruise Ship, and Casino Property Management (3 credits) |

Property Management and Real Estate Electives (3 credits)

Select one course from the following:

| | |
|----------|--|
| ENT 3100 | Entrepreneurial Mindset (3 credits) |
| REE 4311 | Construction Materials, Methods, and Techniques: Building for a Sustainable Future (3 credits) |
| REE 4312 | Construction Cost Estimating (3 credits) |
| REE 4313 | Construction Project Management (3 credits) |
| REE 4314 | Construction Law and Safety (3 credits) |
| REE 4315 | Construction Building Information Modeling (3 credits) Any HCBE Course |

Program Electives (12 credits)

Students will complete 12 credits of program electives. Program electives are any courses offered by HCBE. Students are encouraged to work with their advisor to pursue a minor using the program electives to enhance career opportunities.

SPORT AND RECREATION MANAGEMENT MAJOR

The sport and recreation management major prepares students to pursue careers in school and community-based programs, professional sports, and commercial and agency-based programs.

Sport and Recreation Management Major Curriculum

General Education Requirements (30 credits)

Students are required to complete 30 credit hours as part of the General Education Program. For specific course requirements, refer to the "General Education Program" section on page 94 of this catalog.

Business Core (42 credits)

| | |
|----------|--|
| ACT 2021 | Foundations of Managerial Accounting (3 credits) |
| ACT 2031 | Foundations of Financial Accounting (3 credits) |
| BUS 2000 | Professional Success 1 (1 credit) |
| BUS 3000 | Professional Success 2 (1 credit) |
| BUS 3700 | Professional Success 3 (1 credit) |
| FIN 3010 | Corporation Finance (3 credits) |
| INB 3550 | International Business (3 credits) |
| ISM 3660 | Management Information Systems (3 credits) |
| MGT 2050 | Principles of Management (3 credits) |
| MGT 2150 | Business Law I (3 credits) |
| MGT 4170 | Organizational Behavior (3 credits) |
| MGT 4880 | Business Strategy and Policy (3 credits) |
| MKT 3050 | Marketing Principles and Applications (3 credits) |
| OPS 3880 | Operations Management (3 credits) |
| QNT 2880 | Introduction to Business Analytics and Decision Making (3 credits) |

Choose Business Internship or Travel Study experience of at least 3 credits from the following courses: Business Internship (ACT 3900, ENT 3900, FIN 3900, MGT 3900, MKT 3900, REE 3900, or SPT 3900)

OR

Travel Study experience (ACT 4966, ENT 4966, FIN 4966, MGT 4966, MKT 4966, or SPT 4966)

OR

The internship/travel study experience requirement can be met by completing a credit-bearing course of three or more credits, or on a non-credit basis. Those who pursue the non-credit option will replace the internship/travel study experience credits with any credits offered by HCBE. This option is only available to students that work full-time or are on a NSU sports team with time conflicts that prohibit an internship or travel study experience.

Sport and Recreation Management Major Requirements (36 credits)

| | |
|----------|---|
| SPT 1050 | Introduction to Sport and Recreation Management (3 credits) |
| SPT 3550 | Issues in Sport Finance (3 credits) |
| SPT 3650 | Sport Promotions and Sponsorship (3 credits) |
| SPT 4555 | Risk Management in Sport (3 credits) |

Sport and Recreation Management Electives (12 credits)

Select four courses from the following:

| | |
|----------|---|
| SPT 2050 | Sport in Popular Culture (3 credits) |
| SPT 2075 | Intro to e-Sports Management (3 credits) |
| SPT 2150 | Sport in Society (3 credits) |
| SPT 2350 | Ethics in Sport and Recreation Management (3 credits) |
| SPT 3150 | Facility and Event Management (3 credits) |
| SPT 3425 | Public Relations in Sport (3 credits) |
| SPT 3925 | The Business of College Sports (3 credits) |
| SPT 4675 | The Business of e-Sports (3 credits) |

Program Electives (12 credits)

Students will complete 12 credits of program electives. Program electives are any courses offered by HCBE. Students are encouraged to work with their advisor to pursue a minor using the program electives to enhance career opportunities.

Minors in Business

All students may complete one or more minors to prepare them for careers or graduate studies. A minor requires the completion of 15–18 credits. If a student has taken one or more of the courses listed in the minor as part of his/her major, a minimum of three additional courses must be successfully completed to earn the minor. A maximum of six credits may be used from a student's major courses to satisfy a minor.

ACCOUNTING MINOR

The minor in accounting provides students with practical accounting knowledge.

Accounting Minor Requirements (9 credits)

All students who minor in accounting are required to complete the courses listed below.

| | |
|----------|---|
| ACT 2021 | Foundations of Managerial Accounting (3 credits)* and** |
| ACT 2031 | Foundations of Financial Accounting (3 credits)* and** |
| ACT 3050 | Intermediate Accounting I (3 credits)** |

Accounting Minor Electives (6 credits)

| | |
|----------|--|
| ACT 3030 | Cost Management (3 credits)** |
| ACT 3060 | Intermediate Accounting II (3 credits)** |
| ACT 3070 | Intermediate Accounting III (3 credits)** |
| ACT 4050 | Accounting Information Systems (3 credits)** |

| | |
|----------|-----------------------------------|
| TXX 3110 | Federal Taxation I (3 credits)** |
| TXX 4110 | Federal Taxation II (3 credits)** |

*Business students may satisfy this requirement, depending upon their major.

**Students must earn a grade of C or higher in this course, or it must be repeated.

BUSINESS MINOR (NON-BUSINESS MAJORS)

This minor is designed for students who want exposure to the business disciplines to help prepare them for jobs in business and industry or for a graduate degree program in business.

Business Minor Requirements (18 credits)

All students who minor in business are required to complete the courses listed below.

MBA Track (18 credits)

| | |
|-----------|--|
| ACT 2031 | Foundations of Financial Accounting (3 credits)* |
| ECN 2020 | Principles of Microeconomics (3 credits)* |
| FIN 3010 | Corporation Finance (3 credits)* |
| MATH 2020 | Applied Statistics (3 credits)* |
| MGT 2050 | Principles of Management (3 credits) |
| MKT 3050 | Marketing Principles and Application (3 credits) |

Generalist Track (15 credits)

Select five courses from any of the following prefixes:

ACT, ECN, ENT, FIN, GIS, HRM, INB, ISM, LED, MGT, MKT, OPS, PADM, POPM, QNT, REE, SPT

*Students pursuing a Master of Business Administration degree at NSU must earn a grade of C or higher

CONSTRUCTION PROJECT MANAGEMENT MINOR

The minor in construction project management helps students build skills and understand tools, processes, and techniques to manage construction projects. This minor is a complement to the property management and real estate major and provides students with comprehensive construction and project management knowledge.

Construction Management Minor (15 credits)

| | |
|----------|--|
| REE 4311 | Construction Materials, Methods, and Techniques: Building for a Sustainable Future |
| REE 4312 | Construction Cost Estimating |
| REE 4313 | Construction Project Management |
| REE 4314 | Construction Law and Safety |
| REE 4315 | Construction Building Information Modeling |

ECONOMICS MINOR

This minor will provide students with the opportunity to learn both micro and macro-economic theory and methods. Students will be able to integrate theory and observations, and apply this knowledge in the real world by analyzing social problems and evaluating public policy solutions. Graduates with a minor in economics will be competent in key concepts of economic theory, analysis, and computations.

Economics Minor Requirements (15 credits)

All students who minor in economics are required to complete the courses listed below.

| | |
|----------|---|
| ECN 2020 | Principles of Microeconomics (3 credits)* |
| ECN 2025 | Principles of Macroeconomics (3 credits)* |
| ECN 3020 | Intermediate Microeconomics (3 credits) |
| ECN 3025 | Intermediate Macroeconomics (3 credits)* |

ECN 3210 International Economics (3 credits)*

*Business students may satisfy this requirement, depending upon their major.

ENTREPRENEURSHIP MINOR

This minor in entrepreneurship is intended for students who desire a course of study to improve their understanding of the business environment and entrepreneurial issues related to a business or organization.

Entrepreneurship Minor Requirements (15 credits)

Students who minor in entrepreneurship are required to complete the courses listed below.

| | |
|----------|--|
| ENT 3100 | Entrepreneurial Mindset (3 credits) * |
| ENT 4400 | Franchise Management (3 credits) |
| ENT 4810 | Social Entrepreneurship Experience (3 credits) |

Select two courses from the following:

| | |
|----------|--|
| ENT 3200 | Global Trading & Negotiations for Entrepreneurship (3 credits) |
| ENT 3900 | Entrepreneurship Internship (3 credits) |
| ENT 4966 | Travel Study in Entrepreneurship (3 credits) |
| LED 3000 | Introduction to Leadership (3 credits) * |
| MKT 3060 | Consumer Behavior (3 credits) * |
| REE 3301 | Real Estate Principles, Practices, and Law (3 credits) |

*Business students may satisfy this requirement, depending upon their major.

FINANCE MINOR

This minor is designed for students who are already employed in, or who would like to pursue a career in banking, corporate finance, financial planning, investments, or insurance, or to pursue a graduate degree in finance.

Finance Minor Requirements (15 credits)

Students who minor in finance are required to complete the courses listed below.

| | |
|----------|--|
| ACT 2031 | Foundations of Financial Accounting (3 credits)* |
| FIN 3010 | Corporation Finance (3 credits)* |

Select three courses from the following:

| | |
|----------|--|
| FIN 2000 | Personal Finance (3 credits) |
| ECN 3210 | Monetary Theory and Policy (3 credits) |
| FIN 3110 | Financial Management (3 credits) |
| FIN 3120 | Principles of Investments (3 credits) |
| FIN 3130 | Securities Analysis (3 credits) |
| FIN 3150 | Banking and Financial Institutions (3 credits) |
| FIN 4120 | Advanced Financial Management (3 credits) |
| FIN 4550 | International Finance (3 credits) |

*Business students satisfy this requirement.

HUIZENGA BUSINESS INNOVATION ACADEMY VENTURE CREATION MINOR

Students in the Huizenga Business Innovation Academy are required to have a minor in Venture Creation. The Venture Creation minor is a curricular and co-curricular program that is designed to provide learning experiences inside the classroom as well as outside the classroom through involvement in firsthand identifying business opportunities and gaining the necessary knowledge and skills to launch a business. The Venture Creation minor includes the Huizenga Business Innovation studio courses, summer immersive experiences, students participate in during their first and second summers in the program. The Venture Creation minor courses are only available

for students admitted into the Huizenga Business Innovation Academy Programs.

Venture Creation Minor Requirement (18 credits)

| | |
|----------|--|
| ENT 3100 | Entrepreneurial Mindset (3 credits) * |
| ENT 3130 | Huizenga Business Innovation Academy Studio I (3 credits) |
| ENT 3140 | Entrepreneurial Opportunities & Analysis (3 credits) |
| ENT 3151 | Huizenga Business Innovation Academy Studio II (3 credits) |
| ENT 3161 | Running Your Business (3 credits) |
| ENT 3171 | Maturing Businesses (3 credit) |

INTERNATIONAL BUSINESS MINOR

This minor is designed for students employed by, or desiring employment in, multinational companies including career titles such as exporters, importers, freight forwarders, customs brokers, transportation firms, wholesalers, or manufacturers.

International Business Minor Requirements (15 credits)

Students who minor in international business are required to complete the courses listed below.

| | |
|---|---|
| MGT 2050 | Principles of Management (3 credits) * |
| Select four courses from the following: | |
| MKT 3320 | International Marketing (3 credits) |
| INB 3550 | International Business (3 credits) * |
| INB 4300 | Export/Import Trade (3 credits) |
| FIN 4550 | International Finance and Banking (3 credits) * |
| INB 4600 | International Management (3 credits) * |

*Business students may satisfy this requirement, depending upon their major.

MANAGEMENT MINOR

The minor in management is designed for students who desire the human, technical, and conceptual knowledge and skills to deal with the complexities of dynamic organizations in a multi-cultural and global context.

Management Minor Requirements (15 credits)

Students who minor in management are required to complete the courses listed below.

| | |
|---|--|
| MGT 2050 | Principles of Management (3 credits) * |
| Select four courses from the following: | |
| LED 3000 | Introduction to Leadership (3 credits) |
| MGT 3020 | Business Communication (3 credits) |
| MGT 3055 | Managing Groups and Teams (3 credits) |
| MGT 3100 | Managing Conflict and Change (3 credits) |
| MGT 4170 | Organizational Behavior (3 credits) * |
| HRM 4160 | Human Resource Management (3 credits) |
| HRM 4300 | Managing Workplace Pluralism (3 credits) |
| INB 4600 | International Management (3 credits) |

*Business students may satisfy this requirement, depending upon their major.

MARKETING MINOR

This minor is designed for students who are employed in the fields of advertising, sales, promotion, retail, wholesale, or related areas or for those who would like to pursue a career in marketing.

Marketing Minor Requirements (15 credits)

Students who minor in marketing are required to complete the courses listed below.

| | |
|----------|--|
| MGT 2050 | Principles of Management (3 credits) * |
| MKT 3050 | Marketing Principles and Application (3 credits) * |

Select three courses from the following:

| | |
|----------|---|
| MKT 3060 | Consumer Behavior (3 credits) |
| MKT 3100 | Services Marketing (3 credits) |
| MKT 3210 | Professional Selling (3 credits) |
| MKT 3320 | International Marketing (3 credits) |
| MKT 3510 | Customer Value and Relationship Marketing (3 credits) |
| MKT 3600 | Digital and Search Engine Marketing (3 credits) |
| MKT 3620 | Social Networking & Content Marketing (3 credits) |
| MKT 3900 | Marketing Internship (3 credits) |
| MKT 4100 | Integrated Marketing Communication (3 credits) |
| MKT 4700 | Marketing Research (3 credits) |

*Business students satisfy this requirement.

MATHEMATICAL FINANCE MINOR

This minor is designed for students who may or may not be math majors. This minor will prepare students for careers in financial analysis, actuarial science, and related fields.

Mathematical Finance Minor Requirements (23 credits)

| | |
|-----------|---|
| MATH 2100 | Calculus I (4 credits) |
| MATH 2200 | Calculus II (4 credits) |
| MATH 3300 | Introductory Linear Algebra (3 credits) |
| MATH 4500 | Probability and Statistics (3 credits) |
| FIN 3010 | Corporate Finance (3 credits) |
| FIN 3120 | Principles of Investment (3 credits) |
| FIN 3130 | Securities Analysis (3 credits) |

PROPERTY MANAGEMENT MINOR

The need for qualified professionals in the property management industry in today's market continues to grow. The minor in property management develops a broad array of skills preparing students in real estate leasing, residential property management, commercial property management, and facilities management. It also offers practical training through a provided internship. The curriculum is designed by industry professionals to provide students with the necessary skills to excel in property management.

The Property Management minor is also focused on providing students with the educational resources necessary to successfully complete property management assignments and projects with the support of the business community. Industry professionals provide mentoring to students enrolled in the program to help ensure their successful entry into the profession. Case study competitions that are judged by industry professionals are used to help facilitate and develop useful oral and written presentations by students. Site visitations and guest lectures also serve a vital role as part of the experiential learning environment.

Property Management Minor Requirements (15 credits)

Students who minor in property management are required to complete any five of the courses listed below:

| | |
|----------|--|
| REE 3301 | Real Estate Principles, Practices and Law |
| REE 3900 | Property Management Internship |
| REE 4302 | Residential Property Management |
| REE 4303 | Commercial Property Management |
| REE 4304 | Facilities Management |
| REE 4305 | Property Portfolio and Asset Management |
| REE 4306 | Hospitality, Resort, Cruise Ship, and Casino Property Management |

SOCIAL INNOVATION AND SUSTAINABILITY MINOR

This minor is designed for students who wish to make an impact on their communities and the planet at large. Career paths include establishing and/or working with a non-profit organization, pursuing positions in corporate sustainability, and related fields.

Social Innovation and Sustainability Minor Requirements (15 credits)

| | |
|-----------|--|
| ENVS 1100 | Environmental Science I (3 credits) |
| GEOG 2075 | Geographical Information Systems (3 credits) |
| PADM 1000 | Introduction to Public Administration (3 credits) |
| PADM 2150 | Transforming Public Administration for Sustainable Development (3 credits) |
| PADM 3456 | Creativity and Innovation in Government and Social Practices (3 credits) |

SPORT AND RECREATION MANAGEMENT MINOR

This minor is designed for students who will be associated with sport in the course of their careers, be it through business, education, coaching, athletic training, or other opportunities.

Sport and Recreation Management Minor Requirements (15 credits)

Students who minor in sport and recreation management are required to complete the courses listed below.

| | |
|----------|---|
| SPT 1050 | Introduction to Sport and Recreation Management (3 credits) |
|----------|---|

Select four courses from the following:

| | |
|----------|---|
| SPT 2050 | Sport in Popular Culture (3 credits) |
| SPT 2075 | Intro to e-Sports Management (3 credits) |
| SPT 2150 | Sport in Society (3 credits) |
| SPT 2350 | Ethics in Sport and Recreation Management (3 credits) |
| SPT 3150 | Facility and Event Management (3 credits) |
| SPT 3425 | Public Relations in Sport (3 credits) |
| SPT 3550 | Issues in Sport Finance (3 credits) |
| SPT 3650 | Sport Promotions and Sponsorship (3 credits) |
| SPT 3925 | The Business of College Sports (3 credits) |
| SPT 4555 | Risk Management in Sport (3 credits) |
| SPT 4675 | The Business of e-Sports (3 credits) |

Halmos College of Arts and Sciences and the Guy Harvey Oceanographic Research Center

Halmos College of Arts and Sciences and the Guy Harvey Oceanographic Research Center

Dean's Message



Welcome to NSU's Halmos College of Arts and Sciences and the Guy Harvey Oceanographic Research Center! The College is NSU's intellectual and cultural foundation, firmly anchoring the University in the liberal arts and sciences necessary for the 21st Century workforce on into graduate school. We engage you in a cutting-edge selection of majors and minors, built on innovative models and relevant technologies.

In programs across the performing and visual arts, the natural and social sciences, and the humanities, the College is authentically invested in supporting experiential and high impact learning opportunities, cross-disciplinary education, and globally significant research and scholarship. The College provides a robust learning community, grounded in faculty-student collaboration and teaching-learning excellence, leading you to a path of passionate life-long learning and self-discovery. On behalf of our faculty and staff, I extend our sincere wishes for a rewarding academic year of successful productivity on your personal and professional goals.

A handwritten signature in black ink, reading "Holly Lynn Baumgartner".

Holly Lynn Baumgartner, Ph.D., Dean
Halmos College of Arts and Sciences and the Guy Harvey Oceanographic Research Center

Introduction to the College

The Halmos College of Arts and Sciences and the Guy Harvey Oceanographic Research Center offers stimulating programs of study that challenge and engage students and prepare them for professional careers, graduate studies, and responsible citizenship. The college includes the following departments: Biological Sciences; Chemistry and Physics; Communication, Media, and the Arts; Conflict Resolution Studies; Humanities and Politics; Marine and Environmental Sciences; and Mathematics. Undergraduate degree programs offered by the college include both Bachelor of Arts (B.A.) and Bachelor of Science (B.S.) degrees in twenty majors. Undergraduate students may choose to complement their major course of study with one of the thirty-eight minors housed in the college or one of the minors housed in other NSU colleges. The college also offers two doctoral degree programs, seven master's degree programs, and five graduate certificate programs.

To earn a bachelor's degree from Nova Southeastern University, students in the Halmos College of Arts and Sciences and the Guy Harvey Oceanographic Research Center must complete at least 120 credits, including major, minor, general education, and elective coursework. For complete graduation requirements, please see "Graduation Requirements" on page 60. Regular communication between students, faculty, and academic advisors is strongly encouraged to ensure that each student is successfully progressing toward graduation.

Department of Biological Sciences

The Department of Biological Sciences provides students with a strong foundation in biology at the undergraduate and graduate levels with opportunities for a bachelor's degree and master's degree in the biological sciences. Coursework includes a wide array of topics from general biology, anatomy and physiology, evolution, molecular biology, genomics, and more. The Department is committed to excellence in research and service, providing opportunities and connections for current students and graduates. Our graduates achieve their goals of becoming doctors, dentists, pharmacists, physician assistants, and physical therapists as well as molecular biologists, professors, and teachers.

Major

BIOLOGY (PREMEDICAL) MAJOR

The biology major, with a premedical emphasis, provides a strong curriculum in biology with significant study in the physical sciences. This major can provide the basis for graduate study in specialized fields of biology, for professional training in medical fields, and for teaching. Professional careers in the medical fields and in biology involve graduate study beyond the baccalaureate degree; therefore, both the core and the major have been designed to meet the admission requirements of many medical, dental, pharmacy, optometry, allied health, and veterinary schools, and of schools for graduate study in the biological sciences. Dual admission and combined programs with the Nova Southeastern University Health Professions Division are available for select, qualified students. Information on these programs can be obtained from the Office of Undergraduate Admissions.

Biology Major Learning Outcomes

A successful biology graduate is expected to:

1. Demonstrate a working knowledge of the scientific method.
2. Demonstrate essential knowledge of biological sciences.
3. Demonstrate essential knowledge of physical sciences as they relate to the biological sciences.
4. Use mathematics to solve scientific problems and evaluate research data.
5. Demonstrate the ability to use standard laboratory and research techniques to collect and assess data.
6. Demonstrate an ability to synthesize and integrate biological principles with contemporary issues.

Biology Major Curriculum

General Education Requirements (30 credits)

Students are required to complete 30 credit hours as part of the General Education Program. For specific course requirements, refer to the "General Education Program" section on page 94 of this catalog.

Biology Major Requirements (76 credits)

Core Courses (49 credits)

| | |
|-----------------------------|---|
| BIOL 1500 | Biology I/Lab (4 credits) |
| BIOL 1510 | Biology II/Lab (4 credits) |
| BIOL 3600 | Genetics/Lab (4 credits) |
| CHEM 1300 | General Chemistry I/Lab (4 credits) <u>OR</u> CHEM 1300H General Chemistry I/Lab Honors (4 credits) |
| CHEM 1310 | General Chemistry II/Lab (4 credits) <u>OR</u> CHEM 1310H General Chemistry II/Lab Honors (4 credits) |
| CHEM 2400 | Organic Chemistry I/Lab (4 credits) <u>OR</u> CHEM 2400H Organic Chemistry I/Lab Honors (4 credits) |
| CHEM 2410 | Organic Chemistry II/Lab (4 credits) <u>OR</u> CHEM 2410H Organic Chemistry II/Lab Honors (4 credits) |
| Any LITR course (3 credits) | |
| MATH 2020 | Applied Statistics (3 credits) <u>OR</u> MATH 2020H Applied Statistics Honors (3 credits) |
| MATH 2100 | Calculus I (4 credits) <u>OR</u> MATH 2100H Calculus I Honors (4 credits) |

Select one of the following PHIL courses:

| | |
|-----------|---|
| PHIL 3010 | Ethical Issues in Communication (3 credits) |
| PHIL 3180 | Biomedical Ethics (3 credits) <u>OR</u> PHIL 3180H Biomedical Ethics Honors (3 credits) |
| PHIL 3200 | Ethics and Sport (3 credits) |
| PHIL 3220 | Philosophy of Science (3 credits) |
| PHIL 3360 | Environmental Ethics (3 credits) |

| | |
|-----------|---|
| PHYS 2350 | General Physics I/Lab (4 credits) <u>OR</u> PHYS 2350H General Physics I/Lab Honors (4 credits) <u>OR</u> PHYS 2400 Physics I/Lab (4 credits) |
| PHYS 2360 | General Physics II/Lab (4 credits) <u>OR</u> PHYS 2360H General Physics II/Lab Honors (4 credits) <u>OR</u> PHYS 2500 Physics II/Lab (4 credits) |

Major Electives (27 credits)

Select a minimum of 27 credits from the following courses (at least 16 credits must be BIOL 3000+ or 4000+ courses with at least one of these being a BIOL course with a lab (4 credits):

| | |
|-----------|---|
| BIOL 2600 | Medical Terminology (3 credits) |
| BIOL 3100 | Biological Anthropology (3 credits) |
| BIOL 3200 | General Ecology/Lab (4 credits) |
| BIOL 3220 | Animal Behavior (3 credits) |
| BIOL 3300 | Invertebrate Zoo/Lab (4 credits) |
| BIOL 3311 | Vertebrate Zoo/Lab (4 credits) |
| BIOL 3320 | Anatomy and Physiology I/Lab (4 credits) |
| BIOL 3330 | Anatomy and Physiology II/Lab (4 credits) |
| BIOL 3400 | Microbiology/Lab (4 credits) |
| BIOL 3450 | Introduction to Virology (3 credits) |
| BIOL 3500 | Histology/Lab (4 credits) |
| BIOL 3900 | Introduction to Parasitology/Lab (4 credits) |
| BIOL 4100 | Genomics/Lab (4 credits) |
| BIOL 4010 | Evolution (3 credits) |
| BIOL 4200 | Neurobiology (3 credits) |
| BIOL 4300 | Microbial Pathogenesis (3 credits) |
| BIOL 4340 | Cellular and Molecular Biology (3 credits) |
| BIOL 4360 | Immunology (3 credits) |
| BIOL 4410 | Human Embryology (3 credits) |
| BIOL 4600 | Evolution, Adaptation, and Health (3 credits) |
| BIOL 4700 | Advanced Human Physiology (3 credits) |
| CHEM 3660 | Biochemistry I/Lab (4 credits) |
| CHEM 3760 | Biochemistry II (3 credits) |

Major Electives may include a maximum of one of the following MATH courses:

| | |
|-----------|---|
| MATH 2200 | Calculus II (4 credits) <u>OR</u> MATH 2200H Calculus II Honors (4 credits) |
| MATH 3030 | Applied Statistics II (3 credits) |
| MATH 3050 | Mathematics and Biology (3 credits) |

Note: Major Electives may include a maximum of 6 credits from the following courses (BIOL 4960, BIOL 4961, 4900, 4950, and 4990):

Minor

BIOINFORMATICS MINOR

Bioinformatics is a scientific discipline that merges biology, computer science, mathematics, and other areas into a broad-based field that has profound impacts on all fields of biology. It is the comprehensive application of mathematics (e.g., probability and statistics), science (e.g., biochemistry), and a core set of problem-solving methods (e.g., computer algorithms) to the understanding of living systems. The bioinformatics minor provides foundational study in this field of study.

Bioinformatics Minor Requirements (15 credits)

| | |
|-----------|--|
| BIOL 3600 | Genetics/Lab (4 credits) |
| BIOL 4100 | Genomics/Lab (4 credits) |
| CSIS 2101 | Fundamentals of Computer Programming (4 credits) |
| MATH 3050 | Mathematics and Biology (3 credits) <u>OR</u> |
| | MATH 2001 Introduction to Mathematical Models in Biology I (3 credits) |

BIOLOGY MINOR

The Biology minor helps students integrate biological concepts at all levels from molecular to ecosystem. This coursework assists students in preparation for health-related professions, research, and careers in biological sciences. This minor can be combined with any major and minor except the biology major.

Biology Minor Requirements (16 credits)

Select 16 credits from any BIOL course at the 3000 level or higher (excluding BIOL 4901 APS Capstone in Biology and Physical Sciences, BIOL 4950 Internship in Biology and BIOL 4990 Independent Study in Biology).

PRE-HEALTH MINOR

The pre-health minor provides students with science foundation courses in biology, chemistry, and physics. This coursework assists students in preparation for health-related professions, research, and careers in natural sciences. This minor is open to all majors.

Pre-Health Minor Requirements (24 credits)

Select 24 credits from the following courses:

| | |
|-----------|---|
| BIOL 1500 | Biology I/Lab (4 credits) |
| BIOL 1510 | Biology II/Lab (4 credits) |
| CHEM 1300 | General Chemistry I/Lab (4 credits) <u>OR</u> CHEM 1300H General Chemistry I/Lab Honors (4 credits) |
| CHEM 1310 | General Chemistry II/Lab (4 credits) <u>OR</u> CHEM 1310H General Chemistry II/Lab Honors (4 credits) |
| CHEM 2400 | Organic Chemistry I/Lab (4 credits) <u>OR</u> CHEM 2400H Organic Chemistry I/Lab Honors (4 credits) |
| CHEM 2410 | Organic Chemistry II/Lab (4 credits) <u>OR</u> CHEM 2410H Organic Chemistry II/Lab Honors (4 credits) |
| CHEM 3660 | Biochemistry I/Lab (4 credits) |
| CHEM 3760 | Biochemistry II (3 credits) |
| PHYS 2350 | General Physics I/Lab (4 credits) <u>OR</u> PHYS 2350H General Physics I/Lab Honors (4 credits) |
| | <u>OR</u> PHYS 2400 Physics I/Lab (4 credits) |
| PHYS 2360 | General Physics II/Lab (4 credits) <u>OR</u> PHYS 2360H General Physics II/Lab Honors (4 credits) |
| | <u>OR</u> PHYS 2500 Physics II/Lab (4 credits) |

Department of Chemistry and Physics

The Department of Chemistry and Physics prepares students for the modern scientific world by providing strong curricula in a chemistry major, a chemistry minor and a physics minor. The chemistry major is a B.S. in Chemistry with two tracks (non-ACS track and ACS track). ACS stands for the American Chemical Society. Both tracks combine an advanced chemistry curriculum with significant studies in physics, biology, and mathematics. The major is intended for those who wish to pursue a career in chemistry-related fields or secondary education teaching and who wish to enter a graduate program in chemistry or in health-related fields such as medicine, pharmacy, dentistry, optometry, and law. The chemistry and physics minors are intended to further develop students' quantitative and analytical skills by expanding their knowledge beyond the introductory level. These minors complement curricula in other disciplines ranging from biology and engineering to computer sciences, as well as being essential for education majors who intend to teach physical sciences in high school. The faculty in our department are actively engaged in research with students in a wide range of expertise within chemistry and physics sub-disciplines.

Majors

CHEMISTRY MAJOR

The chemistry major prepares students for the modern scientific world by providing a blend of a strong chemistry curriculum with significant study in physics, biology, and mathematics. The chemistry major has two tracks: a B.S. in Chemistry (non-ACS track) and a B.S. in Chemistry (ACS track). ACS stands for the American Chemical Society. Both B.S. tracks are intended for those who wish to pursue a career in chemistry-related fields or secondary education teaching and who wish to enter a graduate program in chemistry or in health-related fields such as medicine, pharmacy, dentistry, optometry, assistant anesthesiology, and law.

Chemistry Major Learning Outcomes

A successful chemistry graduate is expected to:

1. Demonstrate a firm foundation in the fundamentals and applications of chemical and scientific theories.
2. Describe the fundamental content and processes of organic, inorganic, analytical, physical chemistry, and biochemistry.
3. Design, carry out, record and analyze the results of chemical experiments by using modern instrumentation and classical chemical techniques.
4. Solve problems, think critically, reason analytically, and explore new areas of research.
5. Use modern library searching and retrieval methods to obtain information about issues relating to chemistry.
6. Demonstrate procedures and regulations for safe handling and use of chemicals.
7. Communicate research results to appropriate audiences.

Chemistry Major Curriculum

General Education Requirements (30 credits)

Students are required to complete 30 credit hours as part of the General Education Program. For specific course requirements, refer to the "General Education Program" section on page 94 of this catalog.

Chemistry Major Requirements (Biochemistry Track: 68 credits)

Core Courses (59 credits)

| | |
|-----------|---|
| BIOL 1500 | Biology I/Lab (4 credits) |
| BIOL 1510 | Biology II/Lab (4 credits) |
| CHEM 1300 | General Chemistry I/Lab <u>OR</u> CHEM 1300H General Chemistry I/Lab Honors (4 credits) |
| CHEM 1310 | General Chemistry II/Lab <u>OR</u> CHEM 1310H General Chemistry II/Lab Honors (4 credits) |
| CHEM 2400 | Organic Chemistry I/Lab <u>OR</u> CHEM 2400H Organic Chemistry I/Lab Honors (4 credits) |
| CHEM 2410 | Organic Chemistry II/Lab <u>OR</u> CHEM 2410H Organic Chemistry II/Lab Honors (4 credits) |
| CHEM 3050 | Chemical Literature and Seminar (3 credits) |

| | |
|-----------|---|
| CHEM 3405 | Biophysical Chemistry/Lab (4 credits) |
| CHEM 3460 | Quantitative Analysis/Lab (4 credits) |
| CHEM 3660 | Biochemistry I/Lab (4 credits) |
| CHEM 3760 | Biochemistry II (3 credits) |
| CHEM 4005 | Inorganic Chemistry I (3 credits) |
| CHEM 4101 | Senior Chemistry Seminar (1 credit) |
| MATH 2100 | Calculus I (4 credits) <u>OR</u> MATH 2100H Calculus I Honors (4 credits) |
| MATH 2200 | Calculus II <u>OR</u> MATH 2200H Calculus II Honors (4 credits) |
| PHYS 2350 | General Physics I/Lab (4 credits) <u>OR</u> PHYS 2350H General Physics I/Lab Honors (4 credits) <u>OR</u> PHYS 2400 Physics I/Lab (4 Credits) |
| PHYS 2360 | General Physics II/Lab (4 credits) <u>OR</u> PHYS 2360H General Physics II/Lab Honors (4 credits) <u>OR</u> PHYS 2500 Physics II/Lab (4 Credits) |

Major Electives (9 credits)

Select 3 courses from the following list:

| | |
|-----------|---|
| CHEM 3150 | Environmental Chemistry (3 credits) |
| CHEM 3800 | Principles of Pharmaceutics (3 credits) |
| CHEM 3850 | Principles of Pharmacology (3 credits) |
| CHEM 4010 | Inorganic Chemistry II/Lab (5 credits) |
| CHEM 4150 | Chemical Instrumentation (4 credits) |
| CHEM 4500 | Principles of Pharmacokinetics (3 credits) |
| CHEM 4900 | Special Topics in Chemistry (3 credits)* |
| CHEM 4950 | Internship in Chemistry (3 credits)* |
| CHEM 4990 | Independent Study in Chemistry (3 credits)* |
| PHYS 3100 | Introduction to Biophysics (3 credits) |

*Only one of these courses can be used for a maximum of 3 credits.

Chemistry Major Requirements (ACS track: 74–75 credits)

Core Courses (74–75 credits)

| | |
|-----------|--|
| BIOL 1500 | Biology I/Lab (4 credits) |
| CHEM 1300 | General Chemistry I/Lab <u>OR</u> CHEM 1300H General Chemistry I/Lab Honors (4 credits) |
| CHEM 1310 | General Chemistry II/Lab <u>OR</u> CHEM 1310H General Chemistry II/Lab Honors (4 credits) |
| CHEM 2400 | Organic Chemistry I/Lab <u>OR</u> CHEM 2400H Organic Chemistry I/Lab Honors (4 credits) |
| CHEM 2410 | Organic Chemistry II/Lab <u>OR</u> CHEM 2410H Organic Chemistry II/Lab Honors (4 credits) |
| CHEM 3050 | Chemical Literature and Seminar (3 credits) |
| CHEM 3460 | Quantitative Analysis/Lab (4 credits) |
| CHEM 3660 | Biochemistry I/Lab (4 credits) |
| CHEM 3700 | Physical Chemistry I/Lab (4 credits) |
| CHEM 3710 | Physical Chemistry II/Lab (4 credits) |
| CHEM 4005 | Inorganic Chemistry I (3 credits) |
| CHEM 4010 | Inorganic Chemistry II/Lab (5 credits) |
| CHEM 4101 | Senior Chemistry Seminar (1 credit) |
| CHEM 4150 | Chemical Instrumentation (4 credits) |
| CHEM 4990 | Independent Study in Chemistry (3 credits) <u>OR</u> CHEM 4950 Internship in Chemistry (3 credits) |
| MATH 2100 | Calculus I (4 credits) <u>OR</u> MATH 2100H Calculus I Honors (4 credits) |
| MATH 2200 | Calculus II (4 credits) <u>OR</u> MATH 2200H Calculus II Honors (4 credits) |
| MATH 3200 | Calculus III (4 credits) <u>OR</u> MATH 3400 Ordinary Differential Equations (3 credits) |
| PHYS 2400 | Physics I/Lab (4 credits) |
| PHYS 2500 | Physics II/Lab (4 credits) |

Minor

CHEMISTRY MINOR

The fundamental role that chemistry plays in medicine, pharmacy, and the environment can be further explored in the chemistry minor. Basic, clinical, and field research in these disciplines all involve the application of chemical principles and techniques. The minor offers advanced courses in chemistry expanding on the base provided by general and organic chemistry. Cross disciplinary in its approach, the chemistry minor complements the student's major area of study. This minor can be combined with any major and minor except the chemistry major and APS major with a concentration in biological and physical sciences.

Chemistry Minor Requirements (16 credits)

Select 16 credits from the following courses:

Any CHEM courses 2000-level or higher, excluding the following:

| | |
|-----------|---|
| CHEM 3050 | Chemical Literature and Seminar (3 credits) |
| CHEM 4101 | Senior Chemistry Seminar (1 credit) |

A maximum of 4 credits of 2000-level courses can be counted toward the minor if they have already been applied to the student's major core course requirements.

A maximum of 3 credits of CHEM 4990 Independent Study in Chemistry can be counted toward the minor.

OPTOMETRY MINOR

The optometry minor is intended to prepare students for the rigors of a Doctor of Optometry program after completion of undergraduate studies. The profession of optometry uniquely combines mathematics, optics and medicine to create a rewarding health care profession. All students in the optometry minor will experience a cross-disciplinary range of courses including optics, pharmacology and human anatomy as a solid foundation for the curriculum required in professional optometric education. This minor is not intended to be a substitute for any portion of a Doctor of Optometry program, but rather a preparation for a successful transition to a Doctor of Optometry program. This minor can be combined with any major and minor.

Optometry Minor Requirements (17 credits)

| | |
|-----------|---|
| BIOL 3330 | Anatomy and Physiology II/Lab (4 credits) |
| CHEM 3850 | Principles of Pharmacology (3 credits) |
| MATH 2200 | Calculus II (4 credits) |
| PHYS 3300 | Fundamentals of Optics (3 credits) |
| PHYS 3100 | Introduction to Biophysics (3 credits) |

PHARMACEUTICAL SCIENCES MINOR

The Pharmaceutical Sciences Minor with cross-disciplinary courses offers students fundamental, yet applicable principles on the science of drug actions and uses to treat human diseases. This minor also covers fundamentals of drug discovery and development. Students will learn about pharmacology, pharmaceuticals and pharmacokinetics from faculty members with ample and varied training backgrounds in basic science and clinical applications. Upon successful completion of the minor, students will be better prepared to advance through a graduate degree in pharmacy, pharmaceutical sciences or other related fields. A collaborative team of faculty members from both the College of Pharmacy and the Halmos College of Arts and Sciences and the Guy Harvey Oceanographic Research Center will deliver the courses in this minor. This minor can be combined with any major and minor.

Pharmaceutical Sciences Minor Requirements (17 credits)

| | |
|-----------|--|
| BIOL 3330 | Anatomy and Physiology II/Lab (4 credits) |
| CHEM 3660 | Biochemistry I/Lab (4 credits) |
| CHEM 3800 | Principles of Pharmaceuticals (3 credits) |
| CHEM 3850 | Principles of Pharmacology (3 credits) |
| CHEM 4500 | Principles of Pharmacokinetics (3 credits) |

PHYSICS MINOR

The physics minor is intended to provide students with a basic background in physics and related mathematical methods. A knowledge of physics is useful for students in fields that range from biology and medicine to computer science, as well as being essential for education majors who intend to teach physical sciences in high school. All students in the minor must take a core of required courses in mechanics, electromagnetism, and modern physics. The remainder of the minor then consists of a set of additional physics and mathematics courses chosen by the student, so that the minor can be tailored to the needs and interests of the individual student. This minor can be combined with any major and minor.

Physics Minor Requirements (18 credits)

Core Courses (12 credits)

| | |
|-----------|---------------------------------------|
| PHYS 3500 | Introduction to Mechanics (3 credits) |
| PHYS 3610 | Electromagnetic Theory I (3 credits) |
| PHYS 3700 | Modern Physics I (3 credits) |
| PHYS 3750 | Modern Physics II (3 credits) |

Minor Electives (6 credits)

Students must select 6 credits in any physics (PHYS) or mathematics (MATH) courses at the 3000/4000 level.

Department of Communication, Media, and the Arts

The Department of Communication, Media, and the Arts is an innovative, learner-centered department that delivers experiential, industry-driven programs. Students achieve academic excellence and professional distinction as artists, leaders, and communicators, and they share their talents with the community through production, performance, and research.

Majors

APPLIED PROFESSIONAL STUDIES MAJOR

The applied professional studies (APS) major allows students to select a course of study that best fits their career plans. A student's prior learning and credits earned represent concentration I. Courses earned in the APS major comprise concentration II.

Admission Requirements

Applicants to the Applied Professional Studies major demonstrate successful completion of the 12-credits that comprise Concentration I.

Applied Professional Studies Major Learning Outcomes

A successful applied professional studies graduate is expected to:

1. Explain the integration of information from both concentrations.
2. Identify the fundamental theories and principles underlying concentration II.
3. Demonstrate a comprehensive understanding of the fundamental theories and principles underlying concentration II.

Applied Professional Studies Major Curriculum

Students may apply prior learning credits toward their applied professional studies degree; a minimum of 30 credits must be completed at NSU. Students majoring in applied professional studies may demonstrate learning competencies for one of their concentrations through NSU coursework, transfer courses from other institutions, prior learning, or testing (e.g., DANTES and CLEP). Specific requirements are:

1. General Education Framework: 30 credits
2. Major Requirements:

Core Courses (12 credits)

| | |
|-----------|--|
| APRS 2901 | Professional Planning (3 credits) |
| SPCH 3120 | Speech Communication for the Professions (3 credits) |
| WRIT 3150 | Business Writing (3 credits) |
| APRS 4901 | Applied Professional Studies Portfolio (3 credits) |

Concentrations

- a. Concentration I (12 credits prior to entering the major)
 - b. Concentration II (number of credits depends on the concentration)
3. Open Electives 27-60 credits (depending on the concentration)

Total Degree Requirements: 120 credits

General Education Requirements (30 credits)

Students are required to complete 30 credit hours as part of the General Education Program. For specific course requirements, refer to the "General Education Program" section on page 94 of this catalog.

Applied Professional Studies Concentrations

Students choose Concentration II after consultation with their academic advisor.

Integrated Professional Studies Concentration

Option 1: Students may complete an existing minor.

Option 2: Students may complete 18 credits from one of the following:

- Courses housed within the HCAS Department of Communication, Media, and the Arts.
- Courses housed within the HCAS Department of Humanities and Politics and the Department of Conflict Resolution Studies.
- Courses housed in the College of Computing and Engineering.
- Courses housed in the H. Wayne Huizenga College of Business and Entrepreneurship.

Biological and Physical Sciences Concentration (8 credits)

Select 8 credits from the following courses:

| | |
|-----------|---|
| BIOL 1500 | Biology I/Lab (4 credits) |
| BIOL 1510 | Biology II/Lab (4 credits) <u>OR</u> BIOL 1510H Biology II/Lab Honors (4 credits) |
| CHEM 1300 | General Chemistry I/Lab (4 credits) <u>OR</u> CHEM 1300H General Chemistry I/Lab Honors (4 credits) |
| CHEM 1310 | General Chemistry II/Lab (4 credits) <u>OR</u> CHEM 1310H General Chemistry II/Lab Honors (4 credits) |

Core Course (3 credits)

| | |
|-----------|---|
| BIOL 4901 | APS Capstone Course in Biological and Physical Sciences (3 credits) |
|-----------|---|

Major Electives (24–28 credits)

Select seven 2000 or higher level courses. Three courses must be at the 3000-level or higher. At least three of the courses must be courses that include laboratory. This selection is from the following prefixes: BIOL, CHEM, PHYS, MBIO, ENVS, SCIE.

Psychological Studies Concentration

Concentration Prerequisites (or equivalents) (9 credits)

| | |
|-----------|--|
| MATH 2020 | Applied Statistics (3 credits) <u>OR</u> MATH 2020H Applied Statistics Honors (3 credits) |
| PSYC 1020 | Introduction to Psychology (3 credits) <u>OR</u> PYSC 1020H Introduction to Psychology Honors (3 credits) |
| PSYC 2900 | Quantitative Psychology (3 credits) |

Core Courses (24 credits)

| | |
|---|--|
| PSYC 2100 | Biological Bases of Behavior (3 credits) |
| PSYC 2160 | Social Psychology <u>OR</u> PSYC 2160H Social Psychology Honors (3 credits) |
| PSYC 2350 | Life-Span Human Development <u>OR</u> PSYC 2350H Life-Span Human Development |
| PSYC 2600 | Psychological Research Methods (3 credits) |
| PSYC 3210 | Personality (3 credits) <u>OR</u> PSYC 3260 Abnormal Psychology (3 credits) |
| PSYC 3520 | Principles of Learning (3 credits) |
| PSYC 4901 | APS Capstone Course in Psychology/Substance Abuse Studies (3 credits) |
| One 3000/4000-level PSYC course, selected with assistance from academic advisor (3 credits) | |

ART AND DESIGN MAJOR

The art and design major is designed to provide students with a dynamic and comprehensive instructional program in the visual arts. Students may earn a B.A. in Art and Design with concentrations in studio art or graphic design. The art and design degree program prepares students for careers as freelance artists or for employment with public and private organizations in various industries.

Art and Design Major Learning Outcomes

The successful art and design graduate is expected to:

1. Effectively apply visual design and composition concepts to produce original art/design;
2. Examine major historical art/design movements and artists;
3. Demonstrate professionalism in the exhibition of works.

Admission to the Art and Design Major

Eligibility for the Art and Design Major

To be eligible for the art and design major, students must submit a portfolio of 10-15 original works for review.

Admission Portfolio Criteria for the Art and Design Major

The admission portfolio must include a one-page statement of intent and high quality images of 10-15 original works. The statement of intent should demonstrate the ability to draw from observation, elements and principles of design and/or spatial organization, surface, and form. Works should showcase an understanding of design, composition, and express unique and innovative visual approaches.

1. One-page statement of intent should address the following:
 - a. Specific artistic interest(s);
 - b. How these interests are reflected in the artwork submitted in the portfolio.
 - c. Goals as an artist/designer.
2. Statement of intent should be no more than one page in length, double-spaced, 12pt.
3. Images should be no more than 3MB each.
4. Files should be identified with item number, student's name, medium/materials, and year executed (ex: 1_SmithJ_DigitalPhoto_2015.jpg). File formats accepted: JPG, TFF, PDF.

The portfolio is submitted to the Department of Communication, Media, and the Arts for review by the art and design portfolio review committee.

Art and Design Major Curriculum

General Education Requirements (30 credits)

Students are required to complete 30 credit hours as part of the General Education Program. For specific course requirements, refer to the "General Education Program" section on page 94 of this catalog.

Art and Design Major Requirements (46 credits)

Core Courses (22 credits)

| | |
|-----------|--|
| ARTS 1200 | Introduction to Drawing (3 credits) |
| ARTS 1700 | Fundamentals of Color (3 credits) |
| ARTS 1800 | Two-Dimensional Design (3 credits) |
| ARTS 2050 | Global Perspectives in Art History I (3 credits) |
| ARTS 2200 | Digital Photography (3 credits) |
| ARTS 3050 | Global Perspective in Art History II (3 credits) |
| ARTS 4950 | Internship in the Arts (3 credits) |
| ARTS 4995 | Senior Project (1 credit) |

Concentrations (21 credits)

Select one of the following concentrations:

Graphic Design Concentration (21 credits)

Required Courses (12 credits)

| | |
|-----------|---|
| ARTS 2190 | Introduction to Graphic Design (3 credits) |
| ARTS 3190 | Idea Visualization for Graphic Design (3 credits) |
| ARTS 3650 | Typography (3 credits) |
| ARTS 4190 | Advanced Principles and Practices in Graphic Design (3 credits) |

Select 9 credits from the following courses:

| | |
|-----------|--|
| ARTS 3200 | Digital Photographic Design (3 credits) |
| ARTS 3750 | Printmaking (3 credits) |
| ARTS 4500 | Professional Print Design (3 credits) |
| ARTS 4900 | Special Topics in the Arts (3 credits) |
| COMM 3900 | Web, Mobile and Interactive Design for Communication (3 credits) |

Studio Art Concentration (21 credits)

Required Courses (12 credits)

| | |
|-----------|--|
| ARTS 1250 | Life Drawing (3 credits) |
| ARTS 2100 | Painting I (3 credits) |
| ARTS 2900 | Three-Dimensional Design/Sculpture (3 credits) |
| ARTS 3700 | Methods and Materials (3 credits) |

Select 9 credits from the following courses:

| | |
|-----------|--|
| ARTS 2190 | Introduction to Graphic Design (3 credits) |
| ARTS 3100 | Painting II (3 credits) |
| ARTS 3550 | Ceramics I (3 credits) |
| ARTS 3750 | Printmaking (3 credits) |
| ARTS 4550 | Ceramics II (3 credits) |
| ARTS 4900 | Special Topics in the Arts (3 credits) |

Major Electives (3 credits)

Select 3 credits from the following courses:

| | |
|-----------|--|
| ARTS 2600 | Introduction to Arts Administration (3 credits) |
| ARTS 3030 | Art Lab (3 credits) |
| ARTS 3040 | Museum Studies and Gallery Practices (3 credits) |
| ARTS 3250 | Digital Photography II (3 credits) |
| MUSE 2000 | Curatorial Activism (3 credits) |

The Bachelor of Arts degree requires at least 24 credits of coursework from the following disciplines: ARTS, COMM, DANC, FILM, HIST, HUMN, LITR, MUSC, PHIL, POLS, and THEA, as well as an intermediate degree of competency in a foreign language (generally, a minimum of 6 credits or another demonstration of competency).

COMMUNICATION MAJOR

The communication major provides students with a blend of theory- and practice-oriented courses in journalism, digital media, and strategic communication. Students learn how to write and listen effectively, using various technologies and for different audiences, and they develop strong presentation skills, understand the role of communication in various settings, identify theories and models of communication, and are conversant in mass media concepts and practices including publicity and promotion. The communication major prepares students for a wide variety of internships and careers in such fields as journalism, television and radio broadcasting, education, public relations, and law.

Communication Major Learning Outcomes

A successful communication graduate is expected to:

1. Demonstrate the ability to create, design, and edit effective messages for different audiences using a variety of media
2. Articulate relevant professional standards in communication.
3. Identify, analyze, and articulate significant theories and models of communication.
4. Develop professional habits and skills through a variety of real-world experiences in practicums and internships.

Communication Major Curriculum

At least 18 credits in the major must be at the 3000/4000 level.

General Education Requirements (30 credits)

Students are required to complete 30 credit hours as part of the General Education Program. For specific course requirements, refer to the "General Education Program" section on page 94 of this catalog.

Communication Major Requirements (50 credits)

Core Courses (26 credits)

| | |
|------------|---|
| COMM 1100A | Communication Practicum A (1 credit) |
| COMM 1100B | Communication Practicum B (1 credit) |
| COMM 2100 | Mass Media (3 credits) |
| COMM 2300 | Intercultural Communication (3 credits) |
| COMM 3110 | Communication Theory (3 credits) |
| COMM 3500 | Media Regulation (3 credits) |
| COMM 3600 | Persuasion (3 credits) |
| COMM 4950 | Internship in Communication (3 credits) |
| SPCH 1010 | Public Speaking (3 credits) <i>OR</i> SPCH 1010H Public Speaking Honors (3 credits) |
| SPCH 2000 | Fundamentals of Human Communication (3 credits) |

Concentrations (24 credits)

Select one of the following concentrations:

Digital Media Production Concentration (24 credits)

Select 24 credits from the following courses (9 credits must be at the 3000/4000 level):

| | |
|-----------|---|
| ARTS 2190 | Introduction to Graphic Design (3 credits) |
| ARTS 3190 | Idea Visualization for Graphic Design (3 credits) |
| COMM 2520 | The Art and Craft of Video Editing (3 credits) |
| COMM 2810 | Introduction to Film and Television Production (3 credits) |
| COMM 3700 | Documentary Filmmaking (3 credits) |
| COMM 3710 | Audio/Radio Production (3 credits) |
| COMM 3810 | Digital Video Production (3 credits) |
| COMM 3830 | Digital Video Post-Production (3 credits) |
| COMM 3900 | Web, Mobile, and Interactive Design for Communication (3 credits) |
| COMM 4510 | Short Film Production and Distribution (3 credits) |
| COMM 4900 | Special Topics in Communication (3 credits) |

Journalism Concentration (24 credits)

Select 24 credits from the following courses (9 credits must be at the 3000/4000 level):

| | |
|-----------|--|
| ARTS 2200 | Digital Photography (3 credits) |
| COMM 2010 | Introduction to Print Journalism (3 credits) |
| COMM 2200 | Introduction to Broadcast Journalism (3 credits) |
| COMM 2810 | Introduction to Film and Television Production (3 credits) |
| COMM 3300 | Multimedia Writing (3 credits) |
| COMM 3810 | Digital Video Production (3 credits) |
| COMM 3820 | Sports Reporting and Writing (3 credits) |
| COMM 4100 | Feature Writing (3 credits) |
| COMM 4900 | Special Topics in Communication (3 credits) |

Strategic Communication Concentration (24 credits)

Select 24 credits from the following courses (9 credits must be at the 3000/4000 level):

| | |
|-----------|--|
| COMM 2040 | Public Relations Writing (3 credits) |
| COMM 2400 | Principles of Advertising (3 credits) |
| COMM 3200 | Principles of Public Relations (3 credits) |
| COMM 3310 | Organizational Communication (3 credits) |
| COMM 3400 | Strategic Visual Communication (3 credits) |
| COMM 4100 | Feature Writing (3 credits) |
| COMM 4200 | Public Relations Campaigns (3 credits) |
| COMM 4300 | Social Media Theory and Practice (3 credits) |
| COMM 4900 | Special Topics in Communication (3 credits) |

The Bachelor of Arts degree requires at least 24 credits of coursework from the following disciplines: ARTS, COMM, DANC, FILM, HIST, HUMN, LITR, MUSC, PHIL, POLS, and THEA, as well as an intermediate degree of competency in a foreign language (generally, a minimum of 6 credits or another demonstration of competency).

DANCE MAJOR

The dance major helps students develop in several areas: technical proficiency, historical and cultural perspectives, personal artistry, and production skills. The program also provides students with an understanding of how dance fits into a larger, global context. Students in the major learn the behind-the-scenes process of putting a show together and get the opportunity (in choreography and dance composition courses) to develop their unique voices as artists. The dance major prepares graduates for careers in dance performance, choreography, and dance education, as well as advanced study in graduate programs.

Dance Major Learning Outcomes

The successful dance graduate is expected to:

1. Exhibit proficiency in various dance techniques and styles.
2. Identify and evaluate historical, cultural and stylistic forms of dance.
3. Demonstrate personal artistry in the creation of dance performances.
4. Explain the movement of the body in relation to dance.

Admission to the Dance Major

Eligibility for the Dance Major

To be eligible for the dance major, students must audition.

Admission Audition Criteria for the Dance Major

The admission audition must be scheduled after successfully completing an NSU admissions application. Auditions include a Modern Dance class, an individual interview with faculty, and a 1-2 minute solo in a different style of the student's choice. Requisite dress code and additional audition information will be provided upon scheduling. To schedule an audition, please contact the dance program in the Department of Communication, Media, and the Arts.

Dance Major Curriculum

General Education Requirements (30 credits)

Students are required to complete 30 credit hours as part of the General Education Program. For specific course requirements, refer to the "General Education Program" section on page 94 of this catalog.

Dance Major Requirements (53 credits)

Core Courses (50 credits)

| | |
|-----------|---------------------------------------|
| DANC 2101 | Dance Laboratory I (1 credit) |
| DANC 2102 | Dance Laboratory II (1 credit) |
| DANC 2103 | Dance Laboratory III (1 credit) |
| DANC 2104 | Dance Laboratory IV (1 credit) |
| DANC 2201 | Ballet II (3 credits) |
| DANC 2350 | Dance for the Camera (3 credits) |
| DANC 2400 | Jazz Dance II (3 credits) |
| DANC 2600 | Modern Dance II (3 credits) |
| DANC 3100 | Dance Improvisation (3 credits) |
| DANC 3200 | Dance History (3 credits) |
| DANC 3201 | Ballet III (3 credits) |
| DANC 3500 | Global Dance Perspectives (3 credits) |
| DANC 3550 | World Dance (3 credits) |

| | |
|-----------|---------------------------------------|
| DANC 3600 | Modern Dance III (3 credits) |
| DANC 3700 | Solo Dance Composition (3 credits) |
| DANC 3900 | Advanced Studio Technique (3 credits) |
| DANC 4000 | Dance Composition (3 credits) |
| DANC 4300 | Dance Choreography (3 credits) |
| THEA 2060 | Technical Theatre (3 credits) |
| THEA 4930 | Senior Seminar (1 credit) |

Major Electives (3 credits)

Select 3 credits from the following courses:

| | |
|-----------|---|
| ARTS 2600 | Introduction to Arts Administration (3 credits) |
| THEA 3050 | Costuming and Makeup (3 credits) |
| THEA 3500 | Stage and Production Management (3 credits) |
| DANC 4950 | Internship in Dance (3 credits) |

The Bachelor of Arts degree requires at least 24 credits of coursework from the following disciplines: ARTS, COMM, DANC, FILM, HIST, HUMN, LITR, MUSC, PHIL, POLS, and THEA, as well as an intermediate degree of competency in a foreign language (generally, a minimum of 6 credits or another demonstration of competency).

MUSIC MAJOR

The music major blends the technological and professional requirements of today's job market with a compact curriculum that builds fundamental skills in analytical thinking through theoretical study and a broad examination of music's sociological contexts. In the ensembles at NSU, music majors focus on the commercial aspects of producing music in a variety of musical genres and styles with an emphasis on problem solving, effective collaboration, and adaptability. Targeted, skill-based electives complement music studies to prepare graduates for careers in popular music, gaming, advertising/marketing, app development, podcasting, television/film industry and more.

Music Major Learning Outcomes

The successful music graduate is expected to:

1. Produce music which demonstrates critical thinking.
2. Evaluate music with a cultural understanding of style.
3. Apply concepts of music theory.

Admission to the Music Major

Eligibility for the Music Major

To be eligible for the music major, students must audition.

Admission Audition Criteria for the Music Major

The admission audition must be scheduled after successfully completing an NSU admissions application. Auditions include performance of two selections from memory for singers and instrumentalists or presentation of a production portfolio, and an individual interview with faculty. To schedule an audition, please contact the music program in the Department of Communication, Media, and the Arts.

Music Major Curriculum

General Education Requirements (30 credits)

Students are required to complete 30 credit hours as part of the General Education Program. For specific course requirements, refer to the "General Education Program" section on page 94 of this catalog.

Music Major Requirements (53 credits)

Core Courses (44 credits)

| | |
|-----------|-----------------------------------|
| MUSC 1000 | Music Through History (3 credits) |
|-----------|-----------------------------------|

| | |
|-----------|--|
| MUSC 1060 | Applied Instruction (2 Credits) |
| MUSC 1250 | Piano II (3 credits) |
| MUSC 1960 | Commercial Music Theory (3 credits) |
| MUSC 2060 | Applied Instruction II (2 credits) |
| MUSC 2600 | Music Production I (3 credits) |
| MUSC 2900 | Introduction to the Music Industry (3 credits) |
| MUSC 2960 | Creating Commercial Music (3 credits) |
| MUSC 3060 | Applied Instruction III (2 credits) |
| MUSC 3301 | Ensemble I (1 credit) |
| MUSC 3302 | Ensemble II (1 credit) |
| MUSC 3303 | Ensemble III (1 credit) |
| MUSC 3304 | Ensemble IV (1 credit) |
| MUSC 3600 | Music of World Cultures (3 credits) |
| MUSC 3900 | Popular Music in Western Culture (3 credits) |
| MUSC 4060 | Applied Instruction IV (2 credits) |
| MUSC 4100 | Composition/MIDI (3 credits) |
| MUSC 4650 | Advanced Music Production (3 credits) |

Music Electives (Choose 9 credits)

| | |
|-----------|---|
| ARTS 3190 | Idea Visualization for Graphic Design (3 credits) |
| ARTS 4190 | Advanced Principles and Practices in Graphic Design (3 credits) |
| COMM 2520 | The Art and Craft of Video Editing (3 credits) |
| COMM 3500 | Media Regulation (3 credits) |
| COMM 3710 | Audio/Radio Production (3 credits) |
| COMM 3830 | Digital Video Post-Production (3 credits) |
| COMM 3900 | Web, Mobile, and Interactive Design for Communication (3 credits) |
| COMM 4200 | Public Relations Campaigns (3 credits) |
| COMM 4300 | Social Media Theory and Practice (3 credits) |
| MUSC 4900 | Special Topics in Music (3 credits) |
| MUSC 4950 | Internship in Music (3 credits) |
| MUSC 4990 | Independent Study in Music (3 credits) |

The Bachelor of Arts degree requires at least 24 credits of coursework from the following disciplines: ARTS, COMM, DANC, FILM, HIST, HUMN, LITR, MUSC, PHIL, POLS, and THEA, as well as an intermediate degree of competency in a foreign language (generally, a minimum of 6 credits or another demonstration of competency).

THEATRE MAJOR

The theatre major is a rigorous, ensemble-based degree program within a liberal arts setting. Students focus on all areas of theatre, including the following: acting for stage and screen, directing, design, dramaturgy, musical theatre, and technical theatre. The program promotes creativity, innovation, critical thinking, entrepreneurship, and community engagement through theatre performance and production. Students learn how to communicate effectively; identify the historical periods and styles of theatre; demonstrate knowledge of and skill in aspects of technical theatre, such as costuming, lighting, set design, and construction; demonstrate skill in public performance; direct theatrical scenes or productions; and understand the role of drama in culture. The theatre major prepares students for graduate school; jobs in the arts and entertainment industry; and a variety of careers that employ experienced critical thinkers, communicators, and innovative collaborators.

Theatre Major Learning Outcomes

A successful theatre graduate is expected to:

1. Apply theatre/dramatic theory to practice.
2. Demonstrate an understanding of the cultural context of theatre history.
3. Identify theatre/dramatic industry practices.

Theatre Major Curriculum

At least 18 credits in the major must be at the 3000/4000 level.

General Education Requirements (30 credits)

Students are required to complete 30 credit hours as part of the General Education Program. For specific course requirements, refer to the "General Education Program" section on page 94 of this catalog.

Theatre Major Requirements (55 credits)

Core Courses (37 credits)

| | |
|-----------|---|
| ARTS 2600 | Introduction to Arts Administration (3 credits) |
| THEA 2020 | Acting I (3 credits) |
| THEA 2030 | Play Analysis (3 credits) |
| THEA 2060 | Technical Theatre (3 credits) |
| THEA 2101 | Theatre Laboratory I (1 credit) |
| THEA 2102 | Theatre Laboratory II (1 credit) |
| THEA 2103 | Theatre Laboratory III (1 credit) |
| THEA 2104 | Theatre Laboratory IV (1 credit) |
| THEA 2103 | Theatre Laboratory V (1 credit) |
| THEA 2104 | Theatre Laboratory VI (1 credit) |
| THEA 3275 | American Musical Theatre (3 credits) |
| THEA 3050 | Costume and Makeup (3 credits) |
| THEA 3200 | Theatre History I (3 credits) |
| THEA 3250 | Theatre History II (3 credits) |
| THEA 3500 | Production and Stage Management (3 credits) |
| THEA 4100 | Directing for the Stage (3 credits) |
| THEA 4930 | Senior Seminar (1 credit) |

Concentrations (18 credits)

Select one of the following concentrations:

Acting for Stage and Screen Concentration (18 credits)

Required Courses (9 credits)

| | |
|-----------|--|
| THEA 2000 | Voice and Movement (3 credits) |
| THEA 3020 | Acting II (3 credits) |
| THEA 3040 | Lighting Design (3 credits) <u>OR</u> THEA 3060 Scene Design (3 credits) |

Select 9 credits from the following courses:

| | |
|-----------|---|
| THEA 1000 | The Theatre Arts (3 credits) |
| THEA 1500 | Comedy and Improvisation (3 credits) |
| THEA 2025 | Performance for Film and Television (3 credits) |
| THEA 3025 | Audition Techniques (3 credits) |
| THEA 4900 | Special Topics in Theatre (3 credits) |

Design and Technical Production Concentration (18 credits)

Required Courses (12 credits)

| | |
|-----------|------------------------------|
| THEA 1000 | The Theatre Arts (3 credits) |
| THEA 3040 | Lighting Design (3 credits) |
| THEA 3060 | Scene Design (3 credits) |
| THEA 3080 | Sound Design (3 credits) |

Select 6 credits from the following courses:

| | |
|-----------|---------------------------------------|
| ARTS 1200 | Introduction to Drawing (3 credits) |
| MUSC 2600 | Music Production I (3 credits) |
| THEA 4900 | Special Topics in Theatre (3 credits) |
| THEA 4950 | Internship in Theatre (3 credits) |

Musical Theatre Concentration (18 credits)

| | |
|---|-------------------------------------|
| DANC 2101 | Dance Laboratory (1 credit) |
| Choose any additional DANC Course (3 credits) | |
| MUSC 1060 | Applied Instruction I (2 credits) |
| MUSC 2060 | Applied Instruction II (2 credits) |
| MUSC 3060 | Applied Instruction III (2 credits) |
| MUSC 4060 | Applied Instruction IV (2 credits) |
| THEA 2000 | Voice and Movement (3 credits) |
| THEA 3020 | Acting II (3 credits) |

The Bachelor of Arts degree requires at least 24 credits of coursework from the following disciplines: ARTS, COMM, DANC, FILM, HIST, HUMN, LITR, MUSC, PHIL, POLS, and THEA, as well as an intermediate degree of competency in a foreign language (generally, a minimum of 6 credits or another demonstration of competency).

Minors

ARTS ADMINISTRATION MINOR

The arts administration minor is designed to help prepare students for management in the arts industry. It gives students an overview of the application of specific administrative issues to the arts: communication, public relations, writing, development, policy, education, planning, outreach, and management for arts organizations. This minor can be combined with any major and minor.

Arts Administration Minor Requirements (18 credits)

Courses Required First

| | |
|-----------|---|
| ARTS 1000 | Art and Society (3 credits) |
| ARTS 2600 | Introduction to Arts Administration (3 credits) |

Choose one of the following:

| | |
|-----------|---|
| ARTS 3040 | Museum Studies and Gallery Practices (3 credits) OR |
| MUSC 2900 | Introduction to the Music Industry (3 credits) OR |
| THEA 3500 | Production and Stage Management (3 credits) |

Courses required to complete the minor

| | |
|--|--------------------------------------|
| COMM 2040 | Public Relations Writing (3 credits) |
| WRIT 3150 | Business Writing (3 credits) |
| Any 3000/4000-level ARTS, DANC, MUSC, or THEA course (3 credits) | |

COMMUNICATION MINOR

The communication minor enables students to learn how to write and listen effectively, as well as acquire skills in presentation, understand the role of communication in various settings, identify theories and models of communication, and be conversant in mass media concepts and practices.

This minor can be combined with any major and minor except the communication major. A minimum of 9 credits must be exclusive to the minor and cannot be counted toward any other major/minors/certificate programs.

Communication Minor Requirements (15 credits)

Students must complete 15 credits from the following courses, 9 credits of which must be at the 3000/4000 level:

| | |
|-----------|---|
| COMM 2100 | Mass Media (3 credits) |
| COMM 2300 | Intercultural Communication (3 credits) |
| COMM 3110 | Communication Theory (3 credits) |
| COMM 3500 | Media Regulation (3 credits) |

| | |
|-----------|--|
| COMM 3600 | Persuasion (3 credits) |
| SPCH 1010 | Public Speaking (3 credits) |
| SPCH 2000 | Fundamentals of Human Communication (3 credits) |
| SPCH 3120 | Speech Communication for the Professions (3 credits) |

DANCE MINOR

The dance minor provides students with both technical dance skills and general knowledge of dance as an art form. Through studio practice in technique and creative-based classes, students gain a foundation in dance training and an appreciation for dance as an art form. Core courses provide the student with an increased understanding of the development of dance in a larger global context. This minor can be combined with any major and minor except the dance major.

Dance Minor Learning Outcomes

A successful dance minor is expected to:

1. Identify historical and cultural forms of dance.
2. Demonstrate knowledge of dance concepts through performance.
3. Evaluate dance as an art form.

Dance Minor Requirements (18 credits)

Students must complete 18 credits from the following courses, 9 credits of which must be at the 3000/4000 level.

Core Courses (6 credits)

| | |
|-----------|---------------------------------------|
| DANC 3200 | Dance History (3 credits) |
| DANC 3500 | Global Dance Perspectives (3 credits) |

Minor Electives (12 credits)

Select 12 credits from the following courses:

| | |
|-----------|---|
| DANC 1200 | Ballet I (3 credits) |
| DANC 1400 | Jazz Dance I (3 credits) |
| DANC 1500 | Contemporary Dance Techniques (3 credits) |
| DANC 1600 | Modern Dance I (3 credits) |
| DANC 2101 | Dance Laboratory I (1 credit) |
| DANC 2102 | Dance Laboratory II (1 credit) |
| DANC 2103 | Dance Laboratory III (1 credit) |
| DANC 2104 | Dance Laboratory IV (1 credit) |
| DANC 2350 | Dance for the Camera (3 credits) |
| DANC 2400 | Jazz Dance II (3 credits) |
| DANC 2600 | Modern Dance II (3 credits) |
| DANC 3100 | Dance Improvisation (3 credits) |
| DANC 3201 | Ballet III underneath (3 credits) |
| DANC 3550 | World Dance (3 credits) |
| DANC 3600 | Modern Dance III (3 credits) |
| DANC 3900 | Advanced Studio Technique (3 credits) |
| DANC 4000 | Dance Composition (3 credits) |
| DANC 4300 | Dance Choreography (3 credits) |
| THEA 2060 | Technical Theatre (3 credits) |

DIGITAL MEDIA PRODUCTION MINOR

The digital media production minor focuses on developing a wide array of production skills. The courses are directly related to technology—including web, desktop, video, and audio.

This minor can be combined with any major and minor, including the communication major. A minimum of 9 credits must be exclusive to the minor and cannot be counted toward any other majors/minors/certificate programs.

Digital Media Production Minor Requirements (15 credits)

Students must complete 15 credits from the following courses, at least 9 credits of which must be at the 3000/4000 level:

| | |
|-----------|---|
| ARTS 2190 | Introduction to Graphic Design (3 credits) |
| ARTS 3190 | Idea Visualization for Graphic Design (3 credits) |
| COMM 2520 | The Art and Craft of Video Editing (3 credits) |
| COMM 2810 | Introduction to Film and Television Production (3 credits) |
| COMM 3700 | Documentary Filmmaking (3 credits) |
| COMM 3710 | Audio/Radio Production (3 credits) |
| COMM 3810 | Digital Video Production (3 credits) |
| COMM 3830 | Digital Video Post-Production (3 credits) |
| COMM 3900 | Web, Mobile, and Interactive Design for Communication (3 credits) |
| COMM 4510 | Short Film Production and Distribution (3 credits) |

GRAPHIC DESIGN MINOR

The graphic design minor combines historical knowledge of the design discipline with contemporary problem-solving technical skills. Students gain in-depth experience using industry-standard computer software while acquiring an understanding of graphic design principles and formats. The graphic design minor serves as an excellent complement to many majors, including marketing, business administration, and communication studies. This minor better prepares students for their future careers by offering them marketable skills, enabling them to become more viable in today's competitive job market. This minor can be combined with any major and minor.

Graphic Design Minor Requirements (18 credits)

Core Courses (12 credits)

| | |
|-----------|---|
| ARTS 1800 | Two-Dimensional Design (3 credits) |
| ARTS 2190 | Introduction to Graphic Design (3 credits) |
| ARTS 3190 | Idea Visualization for Graphic Design (3 credits) |
| ARTS 3650 | Typography (3 credits) |

Select 6 credits from the following courses:

| | |
|-----------|---|
| ARTS 3200 | Digital Photographic Design (3 credits) |
| ARTS 3750 | Printmaking (3 credits) |
| ARTS 4190 | Advanced Principles and Practices in Graphic Design (3 credits) |
| ARTS 4500 | Professional Print Design (3 credits) |
| ARTS 4900 | Special Topics in the Arts (3 credits) |
| COMM 3900 | Web, Mobile, and Interactive Design for Communication (3 credits) |

JOURNALISM MINOR

In this minor, students will gain experience with various mediums, including print, broadcast, and multimedia. These courses focus heavily on experiential-learning opportunities that develop students' writing and editing skills. This minor is geared toward student-portfolio development.

This minor can be combined with any major and minor, including the communication major. A minimum of 9 credits must be exclusive to the minor and cannot be counted toward any other majors/minors/certificate programs.

Journalism Minor Requirements (15 credits)

Students must complete 15 credits from the following courses, 9 credits of which must be at the 3000/4000 level:

| | |
|-----------|--|
| ARTS 2200 | Digital Photography (3 credits) |
| COMM 2010 | Introduction to Print Journalism (3 credits) |
| COMM 2200 | Introduction to Broadcast Journalism (3 credits) |
| COMM 2810 | Introduction to Film and Television Production (3 credits) |
| COMM 3300 | Multimedia Writing (3 credits) |
| COMM 3810 | Digital Video Production (3 credits) |

| | |
|-----------|--|
| COMM 3820 | Sports Reporting and Writing (3 credits) |
| COMM 4100 | Feature Writing (3 credits) |

MUSIC MINOR

Through an introduction to music theory and musicology, the music minor offers students a rewarding method of expanding their musical knowledge. The skill acquired in the music minor are a professional asset for many careers in business, healthcare, and education and students are able to specialize the minor with effective choices. This minor can be combined with any major and minor except the music major.

Music Minor Requirements (18 credits)

Students must complete 18 credits from the following courses, 9 credits of which must be at the 3000/4000 level.

Core Courses (9 credits)

| | |
|-----------|--|
| MUSC 1960 | Commercial Music Theory (3 credits) |
| MUSC 3600 | Music of World Cultures (3 credits) |
| MUSC 3900 | Popular Music in Western Culture (3 credits) |

Minor Electives (9 credits)

Select 9 credits from the following courses:
Any MUSC courses

STRATEGIC COMMUNICATION MINOR

The strategic communication minor focuses on advertising and public relations. The minor provides both a theoretical framework and the practical skills needed to work in these fields.

This minor can be combined with any major and minor, including the communication major. A minimum of 9 credits must be exclusive to the minor and cannot be counted toward any other majors/minors/certificates programs.

Strategic Communication Minor Requirements (15 credits)

Students must complete 15 credits from the following courses, 9 credits of which must be at the 3000/4000 level:

| | |
|-----------|--|
| COMM 2040 | Public Relations Writing (3 credits) |
| COMM 2400 | Principles of Advertising (3 credits) |
| COMM 3120 | Speech Communication for the Professions (3 credits) |
| COMM 3200 | Principles of Public Relations (3 credits) |
| COMM 3310 | Organizational Communication (3 credits) |
| COMM 3400 | Strategic Visual Communication (3 credits) |
| COMM 4100 | Feature Writing (3 credits) |
| COMM 4200 | Public Relations Campaigns (3 credits) |
| COMM 4300 | Social Media Theory and Practice (3 credits) |

STUDIO ART MINOR

The studio art minor provides the opportunity to explore various artistic media, techniques, and processes in a studio setting. The program allows students to integrate creative and artistic practice with other academic or research pursuits, as this minor complements a variety of majors including those in the disciplines of theatre, science, arts administration, and education. This minor encourages the development of creative thinking, conceptualization, and visual literacy skills, enabling students to become versatile, valued prospects for future research or academic endeavors.

Studio Art Minor Requirements (18 credits)

Select 18 credits from the following courses, 9 credits of which must be at the 3000/4000 level:

Core Courses (6 credits)

| | |
|-----------|--|
| ARTS 1200 | Introduction to Drawing (3 credits) |
| ARTS 1700 | Fundamentals of Color (3 credits) <u>OR</u> ARTS 1800 Two-Dimensional Design (3 credits) |

Minor Electives (12 credits)

Select 12 credits from the following courses, 9 credits of which must be at the 3000/4000 level:

| | |
|-----------|--|
| ARTS 1250 | Life Drawing (3 credits) |
| ARTS 2100 | Painting I (3 credits) |
| ARTS 2200 | Digital Photography (3 credits) |
| ARTS 2900 | Three-Dimensional Design/Sculpture (3 credits) |
| ARTS 3040 | Museum Studies and Gallery Practices (3 credits) |
| ARTS 3100 | Painting II (3 credits) |
| ARTS 3250 | Digital Photography II (3 credits) |
| ARTS 3550 | Ceramics I (3 credits) |
| ARTS 3700 | Methods and Materials (3 credits) |
| ARTS 4550 | Ceramics II (3 credits) |
| ARTS 4900 | Special Topics in the Arts (3 credits) |

THEATRE MINOR

The theatre minor offers students an opportunity to experience the tradition and experience of the theatre. It serves as an excellent complement to many majors, including English, communication studies, psychology, and humanities. This minor allows students to branch out from their subject of study and not only learn the tradition and techniques of the theatre, but also be better equipped to participate confidently in one or more of the co-curricular and extra-curricular experiences that will be generated by the theatre program. This minor can be combined with any major and minor except the theatre major.

Theatre Minor Requirements (18 credits)

Students must complete 18 credits from the following courses, 9 credits of which must be at the 3000/4000 level.

Core Courses (9 credits)

| | |
|-----------|---|
| THEA 2060 | Technical Theatre (3 credits) |
| THEA 3275 | American Musical Theatre (3 credits) |
| THEA 3200 | Theatre History I (3 credits) OR THEA 3250 Theatre History II (3 credits) |

Select 9 credits from the following courses:

| | |
|-----------|---|
| THEA 1500 | Comedy and Improvisation (3 credits) |
| THEA 2000 | Voice and Movement (3 credits) |
| THEA 2020 | Acting I (3 credits) |
| THEA 2025 | Performance for Film and Television (3 credits) |
| THEA 2030 | Play Analysis (3 credits) |
| THEA 2101 | Theatre Laboratory I (1 credit) |
| THEA 2102 | Theatre Laboratory II (1 credit) |
| THEA 2103 | Theatre Laboratory III (1 credit) |
| THEA 2104 | Theatre Laboratory IV (1 credit) |
| THEA 2500 | Healthcare Theatre (3 credits) |
| THEA 3020 | Acting II (3 credits) |
| THEA 3025 | Audition Techniques (3 credits) |
| THEA 3040 | Lighting Design (3 credits) |
| THEA 3050 | Costuming and Makeup (3 credits) |
| THEA 3060 | Scene Design (3 credits) |
| THEA 3080 | Sound Design (3 credits) |
| THEA 3500 | Production and Stage Management (3 credits) |
| THEA 4100 | Directing for the Stage (3 credits) |
| THEA 4900 | Special Topics in Theatre (3 credits) |

WRITING MINOR

The writing minor provides a broad overview of various types of writing and reinforces techniques of analysis and expression. Students learn how to write in various genres by reading models of published authors and participating in writing course workshops. This minor focuses on analytical and professional writing skills, as well as creative writing. This minor can be combined with any major and minor. A minimum of 9 credits must be exclusive to the minor and cannot be counted toward any other majors/minors/certificate programs.

Writing Minor Requirements (15 credits)

Students must complete 15 credits in any writing (WRIT) course, 9 credits of which must be at the 3000/4000 level.

Department of Conflict Resolution Studies

The Department of Conflict Resolution Studies (DCRS) is committed to academic excellence, social responsibility, and reflective practice in the fields of sociology, anthropology, and conflict resolution. Through both undergraduate and graduate programs, we focus on the study of human behavior in societies, what social theories and research reveal about individuals, groups, institutions, and nations, and how parties achieve constructive agreements based on the principles of nonviolence, equity, dignity, and appreciation for humanity. The department explores how people group themselves and behave in groups, and provides a learner-centered approach to practice and research to support improved social relations among individuals, groups, organizations, and nations. The academic environment in the department is multi-disciplinary, dynamic, and innovative, utilizing faculty expertise, student experience, learning technologies, and practitioners who are knowledgeable in peace-building skills and techniques.

Major

SOCIOLOGY MAJOR

The sociology major focuses on the study of human behavior in social contexts. It examines the interactive dynamics of social institutions, organizations, and everyday life and studies how people group themselves (families, social groups, formal organizations, societies); how they behave in groups (collective action, social change, crime and delinquency); and how demographics affect relationships with others and with organizations and institutions. The major combines humanistic and scientific perspectives to study urban and rural life, family patterns, social change, health care and illness, crime and violence, social class, technology and communications, social movements, and many other social issues and problems.

Sociology Major Learning Outcomes

The successful sociology graduate has the competencies and fluency:

1. Demonstrate an understanding of the major theories and concepts that underlie the following core areas of sociology:
 - a. Socialization and Social Interaction.
 - b. Groups, Organizations, and Social Institutions.
 - c. Stratification and Social Inequality.
 - d. Global Cultural Perspectives.
 - e. Qualitative and/or Quantitative Research Measurement, Design, and Methodology.
2. Describe and analyze the three major sociological approaches: Structural Functional, Social Conflict, and Symbolic Interaction;
3. Integrate and apply the major theories, principles, and concepts of sociology to address research and/or applied issues in the field of sociology using critical thinking skills, skeptical inquiry, and the sociological perspective.
4. Present written sociological information in a clear, concise manner that is consistent with professional standards.

Sociology Major Curriculum

General Education Requirements (30 credits)

Students are required to complete 30 credit hours as part of the General Education Program. For specific course requirements, refer to the "General Education Program" section on page 94 of this catalog.

Sociology Major Requirements (45 credits)

Required Courses (24 credits)

ANTH 1020 Introduction to Anthropology (3 credits)

| | |
|-----------|---|
| MATH 2020 | Applied Statistics (3 credits) <i>OR</i> MATH 2020H Applied Statistics Honors (3 credits) |
| SOCL 1020 | Introduction to Sociology (3 credits) |
| SOCL 2510 | Social Problems (3 credits) |
| SOCL 3000 | Research Methods in the Social Sciences (3 credits) |
| SOCL 3250 | Social Theory (3 credits) |
| SOCL 4880 | Senior Seminar (3 credits) |

Ethical/Moral Issues

Select 3 credits from the following courses:

| | |
|-----------|---|
| PHIL 2000 | Moral Issues (3 credits) |
| PHIL 3010 | Ethical Issues in Communication (3 credits) |
| PHIL 3180 | Biomedical Ethics (3 credits) <i>OR</i> PHIL 3180H Biomedical Ethics Honors (3 credits) |
| PHIL 3200 | Ethics and Sport (3 credits) |
| PHIL 3360 | Environmental Ethics (3 credits) |

Major Electives (21 credits)

Select 21 credits from any non-core SOCL courses. At least 12 of these credits must be at the 3000/4000 level.

Minors

ANTHROPOLOGY MINOR

The anthropology minor is intended to acquaint students with the cross-cultural study of people and cultures through the discipline of anthropology. The anthropology minor includes an overview of anthropological theory and research methods, of interdisciplinary approaches and cultural studies, as well as an examination of the four sub-fields of anthropology. This minor can be combined with any major and minor. A minimum of 9 credits must be exclusive to the minor and cannot be counted toward any other majors/minors/certificate programs.

Anthropology Minor Requirements (18 credits)

Core Courses (12 credits)

| | |
|-----------|---|
| ANTH 1020 | Introduction to Anthropology (3 credits) |
| ANTH 2300 | Cultural Anthropology (3 credits) |
| SOCL 1020 | Introduction to Sociology (3 credits) |
| SOCL 3000 | Research Methods in the Social Sciences (3 credits) |

Minor Electives (6 credits)

Select 3 credits from the following courses:

| | |
|-----------|--|
| SOCL 3500 | Race and Ethnicity in the U.S. (3 credits) |
| SOCL 3600 | Environmental Sociology (3 credits) |

Select 3 credits from the following courses:

| | |
|-----------|---|
| ANTH 3100 | Biological Anthropology (3 credits) |
| HIST 2130 | Formation of Latin America (3 credits) |
| HIST 2300 | Caribbean History (3 credits) |
| HIST 2400 | African History (3 credits) |
| INST 1500 | Global Issues (3 credits) <i>OR</i> INST 1500H Global Issues Honors (3 credits) |

SOCIOLOGY MINOR

The sociology minor is intended to provide students with an overview of sociology. It encompasses social processes and change in a variety of arenas, including families, work, and communities. This minor can be combined with any major and minor except the sociology major.

Sociology Minor Requirements (18 credits)

Core Courses (9 credits)

| | |
|-----------|---------------------------------------|
| SOCL 1020 | Introduction to Sociology (3 credits) |
| SOCL 2130 | Family Relationships (3 credits) |
| SOCL 2510 | Social Problems (3 credits) |

Minor Electives (9 credits)

Students must select 9 credits in any sociology (SOCL) courses at the 3000/4000 level.

Department of Humanities and Politics

The Department of Humanities and Politics in the Halmos College of Arts and Science and the Guy Harvey Oceanographic Center aims to engage students in our dynamic and globalized world, and to encourage understanding and exploration of our humanity. Steeped in the liberal arts tradition, the department offers innovative and robust interdisciplinary programs that emphasize critical thinking, reading, and writing. Courses explore areas of study such as English, history, philosophy, legal studies, international studies, modern languages, national security, and political science and are offered in the traditional classroom setting as well as online. Included among courses offered by the department are independent studies, internships, and study abroad programs.

Majors

ENGLISH MAJOR

The English major is designed to provide students with a background in British, American, and world literatures, literary criticism and theory, and popular culture. Students in this major develop critical thinking, close reading, and analytical and creative writing skills. The English major prepares students for a wide variety of careers in such fields as education, publishing, law, business, and government.

English Major Learning Outcomes

A successful English graduate is expected to:

1. Produce written arguments about literary texts;
2. Identify literary periods, authors, and genres;
3. Analyze literary texts as creative expressions, and historical and cultural artifacts.

English Major Curriculum

At least 18 credits in the major must be at the 3000/4000 level.

General Education Requirements (30 credits)

Students are required to complete 30 credit hours as part of the General Education Program. For specific course requirements, refer to the “General Education Program” section on page 94 of this catalog.

English Major Requirements (45 credits)

Literature Core Courses (27 credits)

| | |
|-----------|---|
| LITR 2010 | British Literature I (3 credits) |
| LITR 2011 | British Literature II (3 credits) |
| LITR 2020 | American Literature I (3 credits) <i>OR</i> LITR 2020H American Literature I Honors (3 credits) |
| LITR 2021 | American Literature II (3 credits) <i>OR</i> LITR 2021H American Literature II Honors (3 credits) |
| LITR 2030 | World Literature I (3 credits) <i>OR</i> LITR 2030H World Literature I Honors (3 credits) |
| LITR 2031 | World Literature II (3 credits) <i>OR</i> LITR 2031H World Literature II Honors (3 credits) |
| LITR 3060 | History and Structure of the English Language (3 credits) |
| LITR 4050 | Literary Criticism and Theory (3 credits) |
| LITR 4760 | Major Authors (3 credits) |

Any “Popular Literature and Culture” course (3 credits)

| | |
|-----------|--|
| LITR 2110 | Detective Fiction (3 credits) |
| LITR 2120 | Science Fiction and Fantasy Literature (3 credits) |
| LITR 2130 | Contemporary Memoir (3 credits) |
| LITR 2140 | Latino Identities (3 credits) |

Any “Interdisciplinary Studies” course (3 credits)

| | |
|-----------|---------------------------------|
| LITR 3040 | Women in Literature (3 credits) |
|-----------|---------------------------------|

| | |
|-----------|--|
| LITR 3400 | Literature and Science (3 credits) |
| LITR 4060 | Critical Theories and Gender (3 credits) |
| FILM 3050 | Literature and Film (3 credits) |

Any two “Literary Area Studies” courses (6 credits)

| | |
|-----------|---|
| LITR 3550 | Asian American Literature (3 credits) |
| LITR 3520 | African-American Literature (3 credits) |
| LITR 3530 | Caribbean Literature (3 credits) |
| LITR 3540 | Latin American Literature (3 credits) |

Any two “Literary Genres” courses (6 credits) LITR 3620 Studies in Poetry (3 credits)

| | |
|-----------|------------------------------------|
| LITR 3630 | Studies in the Novel (3 credits) |
| LITR 3640 | Studies in Drama (3 credits) |
| LITR 3660 | Young Adult Literature (3 credits) |

Major Elective (3 credits)

Any 3000/4000 level LITR/FILM course (3 credits)

OR

Any of the following courses:

| | |
|-----------|---------------------------------------|
| HUMN 3300 | Native American Myth and Storytelling |
| HUMN 3610 | The Harlem Renaissance |
| HUMN 4310 | The Vampire |

The Bachelor of Arts degree requires at least 24 credits of coursework from the following disciplines: ARTS, COMM, DANC, FILM, HIST, HUMN, LITR, MUSC, PHIL, POLS, and THEA, as well as an intermediate degree of competency in a foreign language (generally, a minimum of 6 credits or another demonstration of competency).

HISTORY MAJOR

The History major is designed to provide the broad content along with the analytical and interpretative skills necessary for understanding the world and the United States in historical context. Graduates of the program will have studied one of the most interesting subjects available in a college curriculum: the human past. The program prepares student to be proficient in research, writing, debate, analysis, and interpretation of a myriad of historical events and patterns that cross boundaries of time and geography and to draw vital connections between the past and the present.

History Major Learning Outcomes

A successful history graduate is expected to:

1. Evaluate historical arguments.
2. Analyze complex historical texts and materials.
3. Demonstrate the ability to connect different social, economic, and political factors to explain and understand historical change.
4. Identify and explain the cultural forces and influences associated with historical events.

History Major Curriculum

At least 18 credits in the major must be at the 3000/4000 level.

General Education Requirements (30 credits)

Students are required to complete 30 credit hours as part of the General Education Program. For specific course requirements, refer to the “General Education Program” section on page 94 of this catalog.

History Major Requirements (39 credits)

Core Courses (12 credits)

| | |
|-----------|---|
| HIPS 2900 | Research Methods in History and Political Science (3 credits) |
| HIPS 4900 | Senior Seminar Capstone (3 credits) |
| HIST 1050 | The United States: From Settlement to Superpower (3 credits) |
| HIST 1120 | The West: Patricians, Serfs, and Citizens (3 credits) <u>OR</u> |
| HIST 1170 | The World: From Gatherers to Globalization (3 credits) |

General Electives (21 credits)

Select 21 credits from the following:

| | |
|-----------|--|
| HIST 2150 | Latin American and Caribbean History (3 credits) |
| HIST 2400 | African History (3 credits) |
| HIST 2500 | Topics in Asian History (3 credits) |
| HIST 3010 | Constitutional History I (3 credits) |
| HIST 3020 | Constitutional History II (3 credits) |
| HIST 3130 | Vietnam (3 credits) |
| HIST 3140 | The Holocaust (3 credits) |
| HIST 3240 | Irish History (3 credits) |
| HIST 3400 | U.S. Foreign Policy (3 credits) |
| HIST 3550 | America Transformed: Slavery, Populism, and Empire (3 credits) |
| HIST 3650 | America Remade: From the Great Migration to 9/11 (3 credits) |
| PHIL 3530 | Gods and Chariots (3 credits) |
| PHIL 3540 | Revolution and Ideology (3 credits) |
| POLS 4100 | European Union (3 credits) |

Applied Electives (6 credits)

| | |
|-----------|--|
| HIPS 4500 | Special Topics in History and Politics (3 credits) |
| HIST 3850 | The Civil Rights Trail (travel study) (3 credits) |
| HIST 4700 | Genocide in the 20th Century and Beyond (3 credits) Travel Study |
| HIST 4950 | Internship in History (3 credits) |

The Bachelor of Arts degree requires at least 24 credits of coursework from the following disciplines: ARTS, COMM, DANC, FILM, HIST, HUMN, LITR, MUSC, PHIL, POLS, and THEA, as well as an intermediate degree of competency in a foreign language (generally, a minimum of 6 credits or another demonstration of competency).

INTERDISCIPLINARY STUDIES MAJOR

The interdisciplinary studies major allows students to maximize their educational experience by customizing their study around their individual areas of interest. The major affords students the opportunity to engage in substantial study in different curricular domains. The major is rooted in the core humanities and it allows students to choose any minor in the arts, humanities, or social sciences for an elective concentration. There is an optional track for students considering post-graduate studies in medicine.

Interdisciplinary Studies Major Learning Outcomes:

1. Articulate the rationale behind the choice of concentrations comprising the major.
2. Analyze complex theories in self-identified areas of concentration.
3. Synthesize the theories and principles from disciplines in the areas of concentration in the major into a unified, coherent project.

Interdisciplinary Studies Major Curriculum

General Education Requirements (30 credits)

Students are required to complete 30 credit hours as part of the General Education Program. For specific course requirements, refer to the "General Education Program" section on page 94 of this catalog.

Interdisciplinary Major Requirements (34-37 credits or up to 54 credits if student chooses pre-med concentration)

Core Courses (13 credits)

| | |
|-----------|---|
| INDS 2901 | Interdisciplinary Readings Seminar (1 credit) |
| INST 1500 | Global Issues (3 credits) |
| SPCH 1010 | Public Speaking (3 credits) |
| HIPS 4900 | Senior Seminar Capstone (3 credits) |

One of the following courses: (3 credits)

| | |
|-----------|--|
| PHIL 3010 | Ethical Issues in Communication |
| PHIL 3180 | Biomedical Ethics OR PHIL 3180H Biomedical Ethics Honors |
| PHIL 3200 | Ethics and Sport |
| PHIL 3360 | Environmental Ethics |
| PHIL 3300 | Ethics of War and Peace |

Concentrations (21-41 credits)

Students may choose EITHER Concentration I or Concentration II.

Concentration I: An Arts, Humanities or Social Sciences Minor (21-24 credits)

Any LITR or HIST at 2000 level or higher (3 credits)

Any LITR or HIST at 2000 level or higher (3 credits)

AND

Any arts, humanities, and social sciences minor (15-18 credits)

Concentration II: Pre-Medical Track (41 credits)

Complete two courses of any LITR or HIST course at the 2000-level or higher (6 credits)

Complete two semesters of Biology with lab (or equivalent) (8 credits)

Complete two semesters of Chemistry with lab (or equivalent) (8 credits)

Complete two semesters of Organic Chemistry with lab (or equivalent) (8 credits)

Complete two semesters of Physics with lab (or equivalent) (8 credits)

Complete one semester of Mathematics (college level). Calculus is not required. Statistics is acceptable (3 credits)

INTERNATIONAL STUDIES MAJOR

The international studies major is designed for students who wish to pursue an interdisciplinary approach to the global environment and who wish to gain a deeper understanding of a particular region outside of the United States. Courses highlighting the art, culture, history, law, literature, and government of various regions will be offered. Students in this major develop critical thinking, close reading, and analytical writing skills. The international studies major prepares students for a wide variety of careers in such fields as politics, law, business, journalism, education, public relations, research, and government.

International Studies Major Learning Outcomes

The successful international studies graduate is expected to:

1. Analyze material relating to international history, culture, and politics.
2. Synthesize subject matter from international history, culture, and politics.
3. Apply principles, theories, and methodology from appropriate disciplines.

International Studies Major Curriculum

At least 18 credits must be at the 3000/4000 level.

General Education Requirements (30 credits)

Students are required to complete 30 credit hours as part of the General Education Program. For specific course requirements, refer to the "General Education Program" section on page 94 of this catalog.

International Studies Major Requirements (45–57 credits, depending on foreign language)

Core Courses (18 credits)

| | |
|-----------|--|
| HIPS 2900 | Research Methods in History and Politics (3 credits) |
| HIST 1170 | The World: From Gatherers to Globalization (3 credits) |

| | |
|-----------|---|
| HUMN 1200 | Introduction to World Religions (3 credits) |
| INST 1500 | Global Issues (3 credits) <i>OR</i> INST 1500H Global Issues Honors (3 credits) |
| INST 2000 | International Political Economy (3 credits) |

Select 3 credits from the following courses:

| | |
|-----------|---|
| LITR 2030 | World Literature I (3 credits) <i>OR</i> LITR 2030H World Literature I Honors (3 credits) |
| LITR 2031 | World Literature II (3 credits) <i>OR</i> LITR 2031H World Literature II Honors (3 credits) |

Subject Areas (18 credits)

Select two tracks, taking 9 credits from each track:

Culture and the Arts

Track 1: Culture and the Arts

| | |
|-----------|---|
| ANTH 2300 | Cultural Anthropology (3 credits) |
| HUMN 2300 | Introduction to World Mythology (3 credits) |
| HUMN 2350 | Introduction to Folklore (3 credits) |
| HUMN 4200 | Asian Thought (3 credits) |
| LITR 3550 | Asian American Literature (3 credits) |
| LITR 3530 | Caribbean Literature (3 credits) |
| LITR 3540 | Latin American Literature (3 credits) |
| MUSC 3600 | Music of World Cultures (3 credits) |
| SPAN 3240 | Introduction to Spanish Literature (3 credits) |
| SPAN 3250 | Introduction to Latin American Literature (3 credits) |
| SPAN 4900 | Special Topics in Spanish (3 credits) |

Track 2: Global Health

| | |
|-----------|---|
| BHS 4006 | Fundamentals of Chinese Medicine (3 credits) |
| BHS 4011 | Bioterrorism: Healthcare Readiness and Response (3 credits) |
| BHS 4013 | Global Issues in Human Trafficking (3 credits) |
| ENVS 3201 | Environment, Culture, Ethnicity, and Health (3 credits) |
| HUMN 2200 | Introduction to Medical Humanities (3 credits) |
| HUMN 4100 | Death and Dying (3 credits) |
| BPH 3030 | Intro to Global Health (3 credits) |
| BPH 3970 | Disparities in Health: Examining the Impact of Culture and Ethnicity (3 credits) |
| LGST 3350 | Environmental Law and Policy (3 credits) |
| LITR 3500 | Literature and Medicine (3 credits) |
| PHIL 3180 | Biomedical Ethics (3 credits) <i>OR</i> PHIL 3180H Biomedical Ethics Honors (3 credits) |
| PHIL 3360 | Environmental Ethics (3 credits) |
| SPAN 3300 | Spanish for Health Professions (3 credits) |

Track 3: International History and Politics

| | |
|-----------|--|
| HIST 2150 | Latin American and Caribbean History (3 credits) |
| HIST 2400 | African History (3 credits) |
| HIST 2500 | Topics in Asian History (3 credits) |
| HIST 3240 | Irish History (3 credits) |
| LGST 4500 | Chinese Law and Society (3 credits) |
| PHIL 3530 | Gods and Chariots (3 credits) |
| PHIL 3540 | Revolution and Ideology (3 credits) |
| POLS 2010 | Comparative Government (3 credits) |
| POLS 2300 | International Relations (3 credits) |
| POLS 3500 | Global Politics (3 credits) |
| POLS 4100 | European Union (3 credits) |
| POLS 4200 | Latin American Politics (3 credits) |
| POLS 4300 | Middle Eastern Politics (3 credits) |

Track 4: Security, Peace, and Conflict

| | |
|-----------|---|
| COMM 2300 | Intercultural Communication (3 credits) |
| HIST 3140 | The Holocaust (3 credits) |

| | |
|-----------|---|
| HIST 3130 | Vietnam (3 credits) |
| HIST 3400 | U.S. Foreign Relations (3 credits) |
| HIST 4700 | Genocide in the 20th Century and Beyond (3 credits) |
| LGST 3400 | Comparative Legal Systems (3 credits) |
| LGST 4410 | International Law (3 credits) |
| LGST 4420 | War Crimes (3 credits) |
| PHIL 3670 | Social and Political Philosophy (3 credits) |
| PHIL 3300 | Ethics of War and Peace (3 credits) |

Foreign Language Requirement (12 credits)

Students must complete a requirement involving a language relevant to their area of concentration and interest. The minimum acceptable proficiency level must be equivalent to two years of college or university basic language instruction. This requirement can be met in a number of ways, not exclusive of the following:

1. Complete the equivalent of at least 12 foreign language credits at NSU.
2. Complete the equivalent of at least two years of college-level foreign language courses at a regionally accredited college or university prior to transfer to NSU.
3. Achieve a successful score on a pre-approved language proficiency exam.

International Travel Study Requirement (6 credits)

Students must complete a pre-approved international travel study experience equivalent to at least 6 credits (whether through an NSU-sponsored program or otherwise). This requirement can be met by using more than one study abroad experience.

Capstone Experience Requirement (3 credits)

HIPS 4900 Senior Seminar Capstone (3 credits)

The Bachelor of Arts degree requires at least 24 credits of coursework from the following disciplines: ARTS, COMM, DANC, FILM, HIST, HUMN, LITR, MUSC, PHIL, POLS, and THEA, as well as an intermediate degree of competency in a foreign language (generally, a minimum of 6 credits or another demonstration of competency).

LEGAL STUDIES MAJOR

The legal studies major is designed for students interested in preparing for law school or other graduate study and for those who want to pursue a humanities major with a legal perspective. The courses in the major assist students in developing analytical and communication skills and an understanding of economic, political, and social contexts within which legal issues arise.

Legal Studies Major Learning Outcomes

A successful legal studies graduate is expected to:

1. Evaluate the elements of oral and written argument relevant to legal issues.
2. Explain the historical development of legal systems.
3. Analyze the economic, political and social contexts of legal decisions and legal systems.
4. Explain the philosophical issues that arise in law.

Legal Studies Major Curriculum

At least 18 credits in the major must be at the 3000/4000 level.

General Education Requirements (30 credits)

Students are required to complete 30 credit hours as part of the General Education Program. For specific course requirements, refer to the "General Education Program" section on page 94 of this catalog.

Legal Studies Major Requirements (48 credits)

Core Courses (33 credits)

HIST 1050 The United States: From Settlement to Superpower (3 credits)

| | |
|-----------|--|
| HIST 1120 | The West: Patricians, Serfs, and Citizens (3 credits) <i>OR</i> |
| | HIST 1170 The World: From Gatherers to Globalization (3 credits) |
| HIST 3010 | Constitutional History I (3 credits) |
| HIST 3020 | Constitutional History II (3 credits) |
| LGST 2500 | Introduction to Legal Studies (3 credits) |
| LGST 2800 | Mock Trial (3 credits) <i>OR</i> SPCH 2020 Argument and Debate (3 credits) |
| LGST 3400 | Comparative Legal Systems (3 credits) |
| LGST 4000 | Legal Research and Trial Advocacy (3 credits) |
| LGST 4410 | International Law (3 credits) |
| POLS 1010 | American Government and Politics (3 credits) |
| POLS 2010 | Comparative Government (3 credits) |

Philosophy Menu (9 credits)

Philosophy: Logic

Select 3 credits from the following courses:

| | |
|-----------|-----------------------------------|
| PHIL 1400 | Introduction to Logic (3 credits) |
| PHIL 2400 | Symbolic Logic (3 credits) |

Philosophy: Value Inquiry

Select 3 credits from the following courses:

| | |
|-----------|---|
| PHIL 3010 | Ethical Issues in Communication (3 credits) |
| PHIL 3180 | Biomedical Ethics (3 credits) <i>OR</i> PHIL 3180H Biomedical Ethics Honors (3 credits) |
| PHIL 3200 | Ethics and Sport (3 credits) |
| PHIL 3360 | Environmental Ethics (3 credits) |
| PHIL 3660 | Philosophy of Law (3 credits) |
| PHIL 3670 | Social and Political Philosophy (3 credits) |

Philosophy: Systematic Area of Philosophy

Select 3 credits from the following courses:

| | |
|-----------|---|
| PHIL 3220 | Philosophy of Science (3 credits) |
| PHIL 3530 | Gods and Chariots (3 credits) |
| PHIL 3540 | Revolution and Ideology (3 credits) |
| PHIL 4300 | Capstone: Knowledge and Reality (3 credits) |

Advanced Major Electives (6 credits)

Select 6 credits from the following courses:

| | |
|-----------|---|
| LGST 2800 | Mock Trial (3 credits) |
| LGST 3350 | Environmental Law and Policy (3 credits) |
| LGST 4100 | The First Amendment (3 credits) |
| LGST 4200 | Crime and the Constitution (3 credits) |
| LGST 4270 | Judicial Politics and Process (3 credits) |
| LGST 4315 | Liberty, Equality, and the Constitution (3 credits) |
| LGST 4350 | Gender and the Law (3 credits) |
| LGST 4420 | War Crimes (3 credits) |
| LGST 4400 | Special Topics in Legal Studies (3 credits) |
| LGST 4500 | Chinese Law and Society (3 credits) |
| LGST 4950 | Internship in Legal Studies (3 credits) |

MEDICAL HUMANITIES MAJOR

The medical humanities major is designed to provide holistic knowledge and experiences, uniting approaches in the arts, humanities, and social sciences to address needs in issues of health and healthcare. Through engagement with an interdisciplinary curriculum, students in this major develop skills in critical thinking, creativity, communication, ethical reasoning, cultural competency, and empathy. The major prepares students for careers in healthcare and health-related fields, including those in business, law, and writing.

Medical Humanities Major Learning Outcomes

A medical humanities graduate is expected to:

- Identify the plural ways culture shapes and is shaped by issues of health and healthcare.
- Analyze issues of health and/or healthcare with interdisciplinary humanities methods and/or theories.
- Produce arguments on issues of health and healthcare that communicate clear historical awareness and cultural sensitivity.

Medical Humanities Major Curriculum

At least 18 credits in the major must be at the 3000/4000 level.

Medical Humanities Major Requirements (44/45 credits)

Core Requirements (30 credits)

| | |
|-----------|--|
| HUMN 2200 | Introduction to Medical Humanities (3 credits) |
| LITR 3500 | Literature and Medicine (3 credits) |
| SOCL 2030 | Medical Sociology (3 credits) |
| HIST 3550 | America Transformed or 3650 America Remade (3 credits) |
| HUMN 1200 | Introduction to World Religions (3 credits) |
| HUMN 4100 | Death and Dying (3 credits) |
| LITR 2030 | World Literature I <u>OR</u> LITR 2031 World Literature II (3 credits) |
| PHIL 3180 | Biomedical Ethics (3 credits) |
| PHIL 3220 | Philosophy of Science (3 credits) |
| LITR 4050 | Literary Criticism and Theory (3 credits) |

Concentrations (14/15 credits)

Select one centration (up to 3 credits in either concentration may be fulfilled by director approved HUMN 4900, Special Topics in Humanities)

Health Science Concentration (14 credits)

| | |
|-----------|---|
| BIOL 1100 | Concepts and Connections in Biology (3 credits) <u>OR</u> BIOL 3100 Biological Anthropology (3 credits) |
| BIOL 2600 | Medical Terminology (3 credits) |
| BIOL 3320 | Anatomy and Physiology I / Lab (4 credits) |
| BIOL 3400 | Microbiology / Lab (4 credits) <u>OR</u> BIOL 3600 Genetics / Lab (4 credits) |

OR

Health Humanities Concentration (15 credits)

| | |
|-----------|---|
| HUMN 3010 | Communication Traditions (3 credits) <u>OR</u> SPAN 3300 Spanish for Health Professionals (3 credits) |
| LITR 2130 | Contemporary Memoir (3 credits) |
| PHIL 3010 | Ethical Issues in Communication (3 credits) |
| SCIE 3210 | History of Science (3 credits) |
| THEA 2500 | Healthcare Theatre (3 credits) |

The Bachelor of Arts degree requires at least 24 credits of coursework from the following disciplines: ARTS, COMM, DANC, FILM, HIST, HUMN, LITR, MUSC, PHIL, POLS, and THEA, as well as an intermediate degree of competency in a foreign language (generally, a minimum of 6 credits or another demonstration of competency).

PHILOSOPHY MAJOR

The philosophy major is designed to provide students with a background in the history and problems of philosophy. Students in this major develop critical thinking, close reading, and analytical writing skills. A philosophy major prepares students for graduate study in philosophy and a wide variety of careers in such fields as education, law, business, and government.

Philosophy Major Learning Outcomes

A philosophy graduate is expected to:

1. Distinguish philosophical from non-philosophical forms of inquiry.
2. Explain important debates in the history of philosophy.
3. Critically evaluate arguments for philosophical positions.

Philosophy Major Curriculum

At least 18 credits in the major must be at the 3000/4000 level.

General Education Requirements (30 credits)

Students are required to complete 30 credit hours as part of the General Education Program. For specific course requirements, refer to the "General Education Program" section on page 94 of this catalog.

Philosophy Major Requirements (36 credits)

Core Courses (24 credits)

| | |
|-----------|---|
| PHIL 1010 | Introduction to Philosophy (3 credits) |
| PHIL 1400 | Introduction to Logic (3 credits) OR PHIL 2400 Symbolic Logic (3 credits) |
| PHIL 3220 | Philosophy of Science (3 credits) |
| PHIL 3530 | Gods and Chariots (3 credits) |
| PHIL 3540 | Revolution and Ideology (3 credits) |
| PHIL 3660 | Philosophy of Law (3 credits) <u>OR</u> PHIL 3670 Social and Political Philosophy (3 credits) |
| PHIL 4300 | Capstone: Knowledge and Reality (3 credits) |

Select one of the following courses:

| | |
|------------|--------------------------------------|
| PHIL 3010 | Media Ethics (3 credits) |
| PHIL 3180 | Biomedical Ethics (3 credits) |
| PHIL 3180H | Biomedical Ethics Honors (3 credits) |
| PHIL 3200 | Ethics and Sport (3 credits) |
| PHIL 3300 | Ethics of War and Peace (3 credits) |
| PHIL 3360 | Environmental Ethics (3 credits) |

Major Electives (12 credits)

Select 12 credits from the following courses that are not used as required courses:

| | |
|---|--|
| PHIL 2000 | Moral Issues (3 credits) |
| PHIL 4900 | Special Topics in Philosophy (3 credits) |
| Any Philosophy course not listed above. | |

The Bachelor of Arts degree requires at least 24 credits of coursework from the following disciplines: ARTS, COMM, DANC, FILM, HIST, HUMN, LITR, MUSC, PHIL, POLS, and THEA, as well as an intermediate degree of competency in a foreign language (generally, a minimum of 6 credits or another demonstration of competency).

POLITICAL SCIENCE MAJOR

The political science major is designed to provide students with an understanding of political concepts and the organization and functioning of political systems. The curriculum focuses on the nature of both the American political system (the context within which it operates, the forces that seek to influence it, and the consequences for our nation) and international political systems (global perspectives on political issues, the dynamics of international relations, and the functioning of global institutions and international alliances). Students in the major will develop critical thinking, close reading, and analytical research and writing skills.

Political Science Major Learning Outcomes

A political science graduate is expected to:

1. Explain the processes of the American political system, including the functions of and interactions among the different branches of the federal government.
2. Explain the processes of political systems outside the U.S., including variation in the structure and role of governments of different nations and the role of international relations.

3. Apply political philosophy and theory to issues of U.S. and international politics.
4. Utilize appropriate political science research methods in preparing written arguments about political issues.

Political Science Major Curriculum

At least 18 credits in the major must be at the 3000/4000 level.

General Education Requirements (30 credits)

Students are required to complete 30 credit hours as part of the General Education Program. For specific course requirements, refer to the "General Education Program" section on page 94 of this catalog.

Political Science Major Requirements (42 credits)

Core Courses (24 credits)

| | |
|-----------|--|
| HIPS 2900 | Research Methods in History and Political Science (3 credits) |
| HIPS 4900 | Senior Seminar Capstone (3 credits) <u>OR</u> |
| | POLS 3011 Quantitative Research Methods in Political Science (3 credits) |
| POLS 1010 | American Government and Politics (3 credits) |
| POLS 1200 | Introduction to Political Science (3 credits) |
| POLS 2010 | Comparative Government (3 credits) |
| POLS 2100 | State and Local Government (3 credits) |
| POLS 2300 | International Relations (3 credits) |
| POLS 3100 | Political Theory (3 credits) <u>OR</u> PHIL 3670 Social and Political Philosophy (3 credits) |

American Government and Politics Electives (6 credits)

Select 6 credits from the following courses:

| | |
|-----------|---|
| LGST 4270 | Judicial Politics and Process (3 credits) |
| POLS 3200 | The Congress (3 credits) |
| POLS 3400 | The Presidency (3 credits) |
| POLS 3600 | Voting and Elections (3 credits) |

International Government and Politics Major Electives (6 credits)

Select 6 credits from the following courses:

| | |
|-----------|---------------------------------------|
| LGST 3400 | Comparative Legal Systems (3 credits) |
| LGST 4420 | War Crimes (3 credits) |
| POLS 3500 | Global Politics (3 credits) |
| POLS 4100 | European Union (3 credits) |

Major Electives (6 credits)

Select 6 credits from the following courses:

| | |
|-----------|--|
| HIPS 4500 | Special Topics in History and Politics (3 credits) |
| HIST 3010 | Constitutional History I (3 credits) |
| HIST 3020 | Constitutional History II (3 credits) |
| HIST 3400 | U.S. Foreign Relations (3 credits) |
| LGST 4100 | The First Amendment (3 credits) |
| LGST 4310 | Individual Rights and the Law (3 credits) |
| POLS 2400 | Model United Nations (3 credits) |
| POLS 4200 | Latin American Politics (3 credits) |
| POLS 4300 | Middle Eastern Politics (3 credits) |
| POLS 4400 | Applied Quantitative Analysis (3 credits) |

The Bachelor of Arts degree requires at least 24 credits of coursework from the following disciplines: ARTS, COMM, DANC, FILM, HIST, HUMN, LITR, MUSC, PHIL, POLS, and THEA, as well as an intermediate degree of competency in a foreign language (generally, a minimum of 6 credits or another demonstration of competency).

Minors

AFRICAN DIASPORA STUDIES MINOR

The African Diaspora studies minor is an interdisciplinary program of study focusing on the history, literature, societies, and cultures of peoples in the African Diaspora, including Diaspora cultures in the United States of America, the Caribbean, Europe, and Africa. This minor can be combined with any major and minor. A minimum of 9 credits must be exclusive to the minor and cannot be counted toward any other majors/minors/certificate programs.

African Diaspora Studies Minor Requirements (15–16 credits)

Core Course (3 credits)

HIST 2400 African History (3 credits)

Select 12 credits from the following courses, 9 credits of which must be at the 3000/4000 level:

| | |
|-----------|--|
| DANC 3550 | World Dance (3 credits) |
| FREN 1210 | Elementary French I (3 credits) |
| FREN 1220 | Elementary French II (3 credits) |
| FREN 2210 | Intermediate French I (3 credits) |
| FREN 2220 | Intermediate French II. (3 credits) |
| HIST 2150 | Latin American and Caribbean History (3 credits) |
| HIST 3850 | The Civil Rights Trail (3 credits) |
| HIST 2300 | Caribbean History (3 credits) |
| HUMN 3610 | The Harlem Renaissance (3 credits) |
| LITR 3520 | African-American Literature (3 credits) |
| LITR 3530 | Caribbean Literature (3 credits) |

APPLIED HUMANITIES MINOR

The applied humanities minor provides intellectual challenge and personal development for students who are intrigued by artistic, social, and ethical questions and who wish to study the relationships among liberal arts disciplines. Combined with a major in a specialized field, the humanities minor prepares individuals to meet the challenges of the contemporary world. This minor can be combined with any major and minor. A minimum of 9 credits must be exclusive to the minor and cannot be counted toward any other majors/minors/certificate programs.

Applied Humanities Minor Requirements (15 credits)

Core Course (3 Credits)

HUMN 1500 Introduction to Digital Humanities (3 Credits)

Minor Electives (12credits)

Any 12 credits from additional HUMN courses (9 credit hours must be at 3000-4000).

ENGLISH MINOR

The English minor provides a broad overview of American, British, and world literatures and reinforces effective writing and analytical skills. Combined with any major program of study, the English minor offers students an opportunity to improve their critical thinking and writing, a plus for any profession, and also widens students' perspectives about literary texts of the world from antiquity to the present. This minor can be combined with any major and minor except the English major. A minimum of 9 credits must be exclusive to the minor and cannot be counted toward any other majors/minors/certificate programs.

English Minor Requirements (15 credits)

Students must complete 15 credits in any literature (LITR) courses, 9 credits of which must be at the 3000/4000 level.

FILM STUDIES MINOR

The film studies minor provides a broad overview of the study of film, focusing on genre, history, and aesthetics. Students learn how to analyze the elements of film, to recognize historical trends in film, and to comprehend the social contexts of film. This minor can be combined with any major and minor. A minimum of 9 credits must be exclusive to the minor and cannot be counted toward any other majors/minors/certificate programs.

Film Studies Minor Requirements (15 credits)

Students must complete 15 credits in any film (FILM) courses, 9 credits of which must be at the 3000/4000 level.

FOLKLORE AND MYTHOLOGY MINOR

The folklore and mythology minor provides students with an overview of the ways that various artistic features of a culture tell the story of where it has been and where it is going. The folklore and mythology minor deepens students' understanding of how a culture's storytelling contributes to its evolution. This minor can be combined with any major and minor. A minimum of 9 credits must be exclusive to the minor and cannot be counted toward any other majors/minors/certificate programs.

Folklore and Mythology Minor Requirements (15 credits)

Students must complete 15 credits from the following courses, 9 credits of which must be at the 3000/4000 level:

Select 3 credits from the following courses:

| | |
|-----------|---|
| HUMN 2300 | Introduction to World Mythology (3 credits) |
| HUMN 2350 | Introduction to Folklore (3 credits) |

Select 12 credits from the following courses:

| | |
|-----------|---|
| COMM 2060 | Media and Gendered Images (3 credits) |
| HUMN 1200 | Introduction to World Religions (3 credits) |
| HUMN 2300 | Introduction to World Mythology (3 credits) |
| HUMN 2350 | Introduction to Folklore (3 credits) |
| HUMN 3300 | Native American Myth and Storytelling (3 credits) |
| HUMN 4100 | Death and Dying (3 credits) |
| HUMN 4200 | Asian Thought (3 credits) |
| HUMN 4310 | The Vampire (3 credits) |

GENDER STUDIES MINOR

The gender studies minor examines the relationship between biological differences and social inequality, explores the construction of sexual identity, and analyzes the variations in gender systems that have occurred across cultures over time. Students explore the methods and concepts of gender studies in a variety of academic disciplines including film studies, law, literature, philosophy, and sociology. This minor can be combined with any major and minor. A minimum of 9 credits must be exclusive to the minor and cannot be counted toward any other majors/minors/certificate programs.

Gender Studies Minor Requirements (15 credits)

At least 9 credits in the minor must be at the 3000/4000 level.

Core Course (3 credits)

| | |
|-----------|--|
| GEST 2050 | Introduction to Gender Studies (3 credits) |
|-----------|--|

Minor Electives (12 credits)

Select 12 credits from the following courses:

| | |
|------------|--|
| ARTS 3020 | Women in the Arts (3 credits) |
| COMM 2060 | Media and Gendered Images (3 credits) |
| FILM 3040 | Women and Film (3 credits) |
| GEST 4900 | Special Topics in Gender Studies (3 credits) |
| HONR 2000N | The "F" Word: Feminism and Culture (3 credits) |
| HONR 2010W | War Stories: Gender and Soldiering in Contemporary America (3 credits) |

| | |
|-----------|--|
| LITR 3040 | Women and Literature (3 credits) |
| LITR 4060 | Critical Theories and Gender (3 credits) |
| SOCL 4010 | Lesbian, Gay, Bisexual, and Transgender Cultures (3 credits) |

HISTORY MINOR

The history minor provides a broad overview of U.S., European, Latin American, and world history and reinforces effective writing and analytical skills. Combined with any major program of study, the history minor offers students an opportunity to improve their critical thinking and writing, a plus for any profession, and also widens students' perspectives about historical events of the world from antiquity to the present. This minor can be combined with any major and minor except the history major. A minimum of 9 credits must be exclusive to the minor and cannot be counted toward any other majors/minors/certificate programs.

History Minor Requirements (15 credits)

Students must complete 15 credits in any history (HIST) courses, 9 credits of which must be at the 3000/4000 level.

HOLOCAUST AND GENOCIDE STUDIES MINOR

In this interdisciplinary minor, students study the Holocaust and other acts of genocide through the lens of legal, philosophical, historical, political, and literary perspectives and analysis. Contemporary events serve as a continuous reminder of how even obscure political agendas or minor unrest and conflict can escalate into wider wars and genocide. This minor utilizes and benefits from the Craig and Barbara Weiner Holocaust Museum at NSU, creating opportunities for student research and experiential learning. Students taking this minor will be prepared to pursue graduate work in conflict resolution, diplomacy, museum studies, public history, and other fields.

Program Curriculum

Core Courses (6 credits)

| | |
|-----------|---|
| HIST 3140 | The Holocaust (3 credits) |
| HIST 4700 | Genocide in the 20th Century and Beyond (3 credits) |

Electives Curriculum

Select 3 courses from the following options (9 credits)

| | |
|------------|--|
| HIST 4950 | Internship in History <u>OR</u> INST 4950 Internship in International Studies <u>OR</u> LGST 4950 Internship in Legal Studies <u>OR</u> POLS 4950 Internship in Political Science (3 credits) |
| HIST 4990 | Independent Study in History <u>OR</u> HUMN 4990 Independent Study in Humanities <u>OR</u> INST 4990 Independent Study in International Studies <u>OR</u> LGST 4990 Independent Study in Legal Studies <u>OR</u> LITR 4990 Independent Study in Literature <u>OR</u> PHIL 4990 Independent Study in Philosophy <u>OR</u> POLS 4990 Independent Study in Politics and Public Affairs* (3 credits) |
| HONR 2000L | Ideologies in the Twentieth Century (3 credits) |
| LGST 4410 | International Law (3 credits) |
| LGST 4420 | War Crimes (3 credits) |
| LITR 2130 | Contemporary Memoir (3 credits) |
| PHIL 3300 | Ethics of War and Peace (3 credits) |

*Independent study must be in topic related to the minor.

INTERNATIONAL LAW MINOR

The international law minor is designed for those students who seek a broad understanding of the relationships between the legal systems of different nations as well as regulations, agreements, and treaties maintained between specific nations or by international organizations. This minor can be combined with any major and minor except the legal studies major. A minimum of 9 credits must be exclusive to the minor and cannot be counted toward any other majors/minors/certificate programs.

International Law Minor Requirements (15 credits)

| | |
|-----------|---|
| INST 1500 | Global Issues (3 credits) <u>OR</u> INST 1500H Global Issues Honors (3 credits) |
| LGST 3400 | Comparative Legal Systems (3 credits) |

| | |
|---|------------------------------------|
| LGST 4410 | International Law (3 credits) |
| POLS 2010 | Comparative Government (3 credits) |
| Any 3000/4000-level LGST course (3 credits) | |

INTERNATIONAL STUDIES MINOR

The international studies minor provides a broad international perspective for students who plan careers in business, government, medical and psychological services, the legal profession, or education. The courses in this minor allow students to expand their concept of social and ecological responsibility in the global arena. This minor can be combined with any major and minor except the international studies major. A minimum of 12 credits must be exclusive to the minor and cannot be counted toward any other majors/minors/certificate programs.

International Studies Minor Requirements (18 credits)

Students must complete 18 credits from the following areas. Nine (9) credits must be at the 3000/4000 level, and a minimum of 6 credits must be in non-Western courses.

Core Courses (3 credits)

Select 3 credits from the following courses:

| | |
|-----------|---|
| HUMN 1200 | Introduction to World Religions (3 credits) |
| INST 1500 | Global Issues (3 credits) <u>OR</u> INST 1500H Global Issues Honors (3 credits) |

Subject Areas (15 credits)

Select 9 credits from either the Arts, Literature, and Culture subject area or from the History, Law, and Government subject area, and select 6 credits from the other subject area:

Arts, Literature, and Culture Subject Area

| | |
|-----------|--|
| HUMN 2300 | Introduction to World Mythology (3 credits) |
| HUMN 2350 | Introduction to Folklore (3 credits) |
| HUMN 4200 | Asian Thought* (3 credits) |
| LITR 2030 | World Literature I (3 credits) <u>OR</u> World Literature I Honors (3 credits) |
| LITR 2031 | World Literature II (3 credits) <u>OR</u> World Literature II Honors (3 credits) |
| LITR 3510 | Irish Literature (3 credits) |
| LITR 3530 | Caribbean Literature (3 credits) |
| LITR 3540 | Latin American Literature* (3 credits) |
| LITR 4510 | King Arthur (3 credits) |
| SPAN 3240 | Introduction to Spanish Literature (3 credits) |
| SPAN 3250 | Introduction to Latin American Literature* (3 credits) |
| SPAN 4900 | Special Topics in Spanish Literature (3 credits) |

History, Law, and Government Subject Area

| | |
|-----------|--|
| HIST 1120 | The West: Patricians, Serfs, and Citizens (3 credits) |
| HIST 1170 | The World: From Gatherers to Globalization (3 credits) |
| HIST 2150 | Latin American and Caribbean History (3 credits) |
| HIST 2400 | African History* (3 credits) |
| HIST 2500 | Topics in Asian History* (3 credits) |
| HIST 3140 | The Holocaust (3 credits) |
| HIST 3240 | Irish History (3 credits) |
| HIST 3400 | U.S. Foreign Relations (3 credits) |
| LGST 3400 | Comparative Legal Systems (3 credits) |
| LGST 4410 | International Law (3 credits) |
| LGST 4500 | Chinese Law and Society (3 credits) |
| PHIL 3670 | Social and Political Philosophy (3 credits) |
| POLS 2010 | Comparative Government (3 credits) |

* Non-Western courses

LATIN AMERICAN AND CARIBBEAN STUDIES MINOR

The Latin American and Caribbean minor provides a broad interdisciplinary base for students planning careers involving Latin American and Caribbean peoples. Students can complete the minor as a means of enhancing their ability to work and live in an increasingly interdependent, cross-cultural hemisphere. A minimum of 9 credits must be exclusive to the minor and cannot be counted toward any other majors/minors/certificate programs.

Latin American and Caribbean Studies Minor Requirements (15 credits)

Core Courses (3 credits)

HIST 2150 Latin American and Caribbean History (3 credits)

Minor Electives (12 credits)

Select 12 credits from the following courses, where 9 credits of which must be at the 3000/4000 level of higher

| | |
|-----------|---|
| LITR 2140 | Latino Identities (3 credits) |
| LITR 3530 | Caribbean Literature (3 credits) |
| LITR 3540 | Latin American Literature (3 credits) |
| POLS 4200 | Latin American Politics (3 credits) |
| SPAN 1210 | Elementary Spanish I (3 credits) |
| SPAN 1220 | Elementary Spanish II (3 credits) |
| SPAN 2210 | Intermediate Spanish I (3 credits) |
| SPAN 2220 | Intermediate Spanish II (3 credits) |
| SPAN 2350 | Spanish for Heritage Learners (3 credits) |
| SPAN 3250 | Introduction to Latin American Literature (3 credits) |
| SPAN 3750 | Latin American Culture (3 credits) |

LEGAL STUDIES MINOR

The legal studies minor is designed to prepare students in any major for law school. The minor emphasizes skills required for admission into law school and success once there. This minor can be combined with any major and minor except the legal studies major. A minimum of 9 credits must be exclusive to the minor and cannot be counted toward any other majors/minors/certificate programs.

Legal Studies Minor Requirements (15 credits)

| | |
|-----------|--|
| HIST 3010 | Constitutional History I (3 credits) |
| HIST 3020 | Constitutional History II (3 credits) |
| LGST 4000 | Legal Research and Trial Advocacy (3 credits) |
| PHIL 1400 | Introduction to Logic (3 credits) <u>OR</u> PHIL 2400 Symbolic Logic (3 credits) |
| POLS 1010 | American Government and Politics (3 credits) |

MEDICAL HUMANITIES MINOR

The medical humanities minor is designed to give students an overview of the ways that the medical arts and sciences intersect and interact with various disciplines in the humanities, in such ways as art and medicine, bioethics, the history of medicine, literature and medicine, music and medicine, medicine in the performing arts, medicine and philosophy, and medicine and law. This minor can be combined with any major and minor. A minimum of 9 credits must be exclusive to the minor and cannot be counted toward any other majors/minors/certificate programs.

Medical Humanities Minor Requirements (15 credits)

Students must complete 15 credits from the following courses, 9 credits of which must be at the 3000/4000 level:

Core Course (3 credits)

HUMN 2200 Introduction to Medical Humanities (3 credits)

Minor Electives (12 credits, six credits must be at 3000-4000)

Select 12 credits from the following courses:

| | |
|------------|---|
| HONR 1010B | The Healthy Women: Mothers to Cyborgs (3 credits) |
| HONR 1000N | Genetics and Genealogy (3 credits) |

| | |
|------------|---|
| HONR 2000U | The Idea of the Hospital (3 credits) |
| HONR 2000W | The Pathography: Patients' Stories of Illness (3 credits) |
| HUMN 4100 | Death and Dying (3 credits) |
| PHIL 3180 | Biomedical Ethics (3 credits) <u>OR</u> PHIL 3180H Biomedical Ethics Honors (3 credits) |
| LITR 3400 | Literature and Science (3 credits) |
| PHIL 3220 | Philosophy of Science (3 credits) |
| SOCL 2030 | Medical Sociology (3 credits) |
| SPAN 3300 | Spanish for Health Professions (3 credits) |
| THEA 2500 | Healthcare Theatre (3 credits) |

PHILOSOPHY MINOR

The philosophy minor provides students with a broad overview of philosophical issues and problems, as well as reinforcing effective writing and analytical skills. This minor can be combined with any major and minor except the philosophy major. A minimum of 9 credits must be exclusive to the minor and cannot be counted toward any other majors/minors/certificate programs.

Philosophy Minor Requirements (15 credits)

Students must complete 15 credits in any philosophy (PHIL) courses, at least 9 credits of which must be at the 3000/4000 level and no more than one of the following:

PHIL 2000/3010/3180/3200/3360

POLITICAL SCIENCE MINOR

The political science minor is designed to provide students with an understanding of political concepts and the organization and functioning of political systems. The curriculum focuses on the nature of both the American political system (the context within which it operates, the forces that seek to influence it, and the consequences for our nation) and international political systems.

Political Science Minor Requirements (18 credits)

Core Courses (12 Credits)

| | |
|-----------|---|
| POLS 1010 | American Government and Politics (3 credits) |
| POLS 1200 | Introduction to Political Science (3 credits) |
| POLS 2010 | Comparative Government (3 credits) |
| POLS 2300 | International Relations (3 credits) |

Select 3 credits from the following:

| | |
|-----------|---|
| POLS 3100 | Political Theory (3 credits) |
| PHIL 3670 | Social and Political Philosophy (3 credits) |

Select 3 credits from the following:

| | |
|-----------|-------------------------------------|
| POLS 4100 | European Union (3 credits) |
| POLS 4200 | Latin American Politics (3 credits) |
| POLS 4300 | Middle Eastern Politics (3 credits) |

SPANISH MINOR

The Spanish minor provides students with focused study in Spanish language and literature, as well as focused study of culture in Spanish-speaking countries around the world. This minor can be combined with any major and minor. A minimum of 9 credits must be exclusive to the minor and cannot be counted toward any other majors/minors/certificate programs.

Spanish Minor Requirements (15 credits)

Students must complete 15 credits in any Spanish (SPAN) courses, 9 credits of which must be at the 3000/4000 level.

Department of Marine and Environmental Sciences

The Department of Marine and Environmental Sciences focuses on issues in the Life and Earth Sciences that concern the ocean, atmosphere, and the land. Opportunities exist at the undergraduate and graduate levels with bachelor's degrees and master's degrees in Marine Biology and Environmental Science. We pride ourselves on our Ph.D. in Oceanography. Coursework includes a wide array of topics from general marine biology, ecology, and geology to molecular biology, genomics, and more. In addition to teaching, the Department is committed to excellence in research and service providing a wide variety of opportunities and connections for current students and graduates. Our graduates have become academic or professional scientists; working in industry, government, non-governmental organizations, or academia as biologists, geologists, physicists, professors, and teachers.

Majors

ENVIRONMENTAL SCIENCE MAJOR

The environmental science major provides comprehensive knowledge of Earth's physical, chemical, and biotic systems. The program emphasizes the practical application of science, sociology, and ethics to solve problems created by the impact of human activity on the environment. This major incorporates the following areas of study: wetlands ecology, ecotourism, geographic spatial analysis, sustainability issues, general biology, chemistry, mathematics, and marine biology. The program is designed so students will share a common set of courses in their freshman year to ensure that all students gain an overview of the subject. Upon entering their sophomore year, students are required to select major electives. The program is designed to be completed within a four-year period. An internship is required of all students in this program.

Environmental Science Major Learning Outcomes

A successful environmental sciences/studies graduate is expected to:

1. Demonstrate a working knowledge of the scientific method so as to identify, evaluate, and recommend solutions to environmental problems.
2. Communicate concisely and clearly through public speaking, the publishing of written articles, the construction and maintenance of a website, and photographic documentation either through photography or videography.
3. Formulate strategies to maximize the responsible use of technology as it applies to issues within environmental science;
4. Identify legal issues relating to environmental science.
5. Apply concepts of environmental science to lifetime vocational aspirations.
6. Demonstrate a behavior of environmental awareness and interest in environmental issues of South Florida.
7. Apply knowledge from the fields of biology, botany, and physical sciences to environmental science.
8. Identify the principles of environmental ethics.
9. Identify concepts relating to the future of environmentalism.

Environmental Science Major Curriculum

General Education Requirements (33 credits)

Students are required to complete 33 credit hours as part of the General Education Program. For specific course requirements, refer to the "General Education Program" section on page 94 of this catalog.

Environmental Science Major Requirements (87 credits)

Core Courses (56 credits)

| | |
|-----------|----------------------------|
| BIOL 1500 | Biology I/Lab (4 credits) |
| BIOL 1510 | Biology II/Lab (4 credits) |

| | |
|-----------|---|
| BIOL 3200 | General Ecology/Lab (4 credits) |
| CHEM 1300 | General Chemistry I/Lab <u>OR</u> CHEM 1300H General Chemistry I/Lab Honors (4 credits) |
| CHEM 1310 | General Chemistry II/Lab <u>OR</u> CHEM 1310H General Chemistry II/Lab Honors (4 credits) |
| ENVS 1200 | Environmental Science (3 credits) |
| ENVS 1500 | Natural History of South Florida (4 credits) |
| ENVS 2200 | Introduction to Geology (4 credits) |
| ENVS 2100 | Environmental Science Lab (3 credits) |
| ENVS 3000 | Environmental Geology/Lab (4 credits) |
| ENVS 3170 | Everglades Ecology and Conservation (3 credits) |
| ENVS 4950 | Internship in Environmental Sciences (3 credits) |
| GEOG 3000 | Geography of Ecotourism (3 credits) |
| LGST 3350 | Environmental Law and Policy (3 credits) |
| MATH 2020 | Applied Statistics (3 credits) |
| PHIL 3360 | Environmental Ethics (3 credits) |

Major Electives (22 credits)

Select at least 22 credits from the following courses:

| | |
|--|---|
| BIOL 1400 | Introductory Cell Biology (3 credits) |
| BIOL 3311 | Vertebrate Zoology/Lab (4 credits) |
| BIOL 3400 | Microbiology/Lab (4 credits) |
| BIOL 3600 | Genetics/Lab (4 credits) |
| BIOL 4010 | Evolution (3 credits) |
| BIOL 4340 | Cellular and Molecular Biology (3 credits) |
| CHEM 2400 | Organic Chemistry I/Lab (4 credits) |
| CHEM 2410 | Organic Chemistry II/Lab (4 credits) |
| CHEM 3150 | Environmental Chemistry (3 credits) |
| CHEM 3660 | Biochemistry I/Lab (4 credits) |
| ENVS 2000 | Biodiversity of Alaskan Ecosystems (3 credits) <u>AND</u> ENVS 2001 Biodiversity of Alaskan Ecosystems Field Course (1 credit) |
| ENVS 3100 | Environmental Issues (3 credits) |
| ENVS 3200 | Ocean and Earth Cycles (3 credits) |
| ENVS 3300 | Introduction to Global Climate Change (3 credits) |
| ENVS 3400 | Symbiosis (3 credits) |
| ENVS 4900 | Special Topics in Environmental Science (3 credits) |
| ENVS 4990 | Independent Study in Environmental Science (1–3 credits) |
| GEOG 2050 | Survey of Geography (3 credits) |
| GEOG 2075 | Geographical Information Systems (3 credits) |
| GEOG 2260 | Geography of Natural Resources (3 credits) |
| MATH 2100 | Calculus I (4 credits) |
| MATH 2200 | Calculus II (4 credits) |
| MBIO 2410 | Marine Biology/Lab (4 credits) |
| MBIO 2500 | Oceanography/Lab (4 credits) |
| MBIO 3450 | Survey of Marine Mammals (3 credits) |
| MBIO 3500 | Food Web Dynamics (3 credits) |
| MBIO 3600 | Plankton Ecology (3 credits) |
| MBIO 3700 | Biology of Fishes/Lab (4 credits) |
| MBIO 4260 | Ecology of the Galapagos Islands (3 credits) <u>AND</u> MBIO 4261 Ecology of the Galapagos Islands Field Trip (1 credit) |
| Any MBIO 4900 or ENVS 4900 Special Topics Course (3 credits) | |
| PHYS 2350 | General Physics I/Lab (4 credits) |
| SCIE 3210 | History of Science (3 credits) |
| SCIE 4490 | Research Methods (3 credits) |
| SOCL 3600 | Environmental Sociology (3 credits) |

Open Electives (9 credits)

Select 9 credits from any courses offered at NSU.

MARINE BIOLOGY MAJOR

The marine biology major is designed to prepare students for a career or further graduate study. The curriculum consists of a set of core courses in the biological and physical sciences, leading to a degree that is designed as a solid basis for entering the field of marine biology, as well as preparation for further graduate study in this area.

Marine Biology Major Learning Outcomes

A successful marine biology graduate is expected to:

1. Demonstrate a working knowledge of the scientific method.
2. Demonstrate essential knowledge of the marine sciences.
3. Use mathematics to solve scientific problems and evaluate research data.
4. Use standard laboratory and research techniques to collect, assess, and present data.
5. Synthesize and integrate marine biological principles with contemporary issues.

Marine Biology Major Curriculum

General Education Requirements (30 credits)

Students are required to complete 30 credit hours as part of the General Education Program. For specific course requirements, refer to the "General Education Program" section on page 94 of this catalog.

Marine Biology Major Requirements (87 credits)

Core Courses (61 credits)

| | |
|-----------|---|
| BIOL 1500 | Biology I/Lab (4 credits) |
| BIOL 1510 | Biology II/Lab (4 credits) |
| BIOL 3200 | General Ecology/Lab (4 credits) |
| BIOL 3300 | Invertebrate Zoology/Lab (4 credits) |
| BIOL 3600 | Genetics/Lab (4 credits) |
| CHEM 1300 | General Chemistry I/Lab <u>OR</u> CHEM1300H General Chemistry I/Lab Honors (4 credits) |
| CHEM 1310 | General Chemistry II/Lab <u>OR</u> CHEM 1310H General Chemistry II/Lab Honors (4 credits) |
| CHEM 2400 | Organic Chemistry I/Lab <u>OR</u> CHEM 2400H Organic Chemistry I/Lab Honors (4 credits) |
| CHEM 2410 | Organic Chemistry II/Lab <u>OR</u> CHEM 2410H Organic Chemistry II/Lab Honors (4 credits) |
| MATH 2020 | Applied Statistics (3 credits) <u>OR</u> MATH 2020H Applied Statistics Honors (3 credits) |
| MATH 2100 | Calculus I <u>OR</u> MATH 2100H Calculus I Honors (4 credits) |
| MBIO 1400 | Explorations in Marine Sciences (2 credits) |
| MBIO 2410 | Marine Biology/Lab (4 credits) |
| MBIO 2500 | Oceanography/Lab (4 credits) |
| PHYS 2350 | General Physics I/Lab (4 credits) <u>OR</u> PHYS 2350H General Physics I/Lab Honors (4 credits) |
| PHYS 2360 | General Physics II/Lab (4 credits) <u>OR</u> PHYS 2360H General Physics II/Lab Honors (4 credits) |

Major Grouped Electives (17 credits)

Group I: Science foundation electives (12–13 credits)

Select at least 12 or more credits from the following courses:

Any MBIO 3000- or 4000- level course. Among those, but not limited to:

| | |
|-----------|--|
| MBIO 3200 | Functional Biology of Marine Animals (3 credits) |
| MBIO 3400 | Marine Community Ecology (3 credits) |
| MBIO 3300 | Deep Sea Ecology (3 credits) |
| MBIO 3500 | Food Web Dynamics (3 credits) |
| MBIO 3600 | Plankton Ecology (3 credits) |
| MBIO 3700 | Biology of Fishes/Lab (4 credits) |
| MBIO 3750 | Coral Reefs and Coral Communities (3 credits) |
| MBIO 3910 | Sharks and Their Relatives (3 credits) |
| MBIO 4900 | Special Topics in Marine Biology (1–3 credits) |

OR

| | |
|-----------|---|
| BIOL 3311 | Vertebrate Zoology/Lab (4 credits) |
| BIOL 4010 | Evolution (3 credits) |
| CHEM 3650 | Biochemistry/Lab (4 credits) |
| ENVS 3000 | Environmental Geology/Lab (4 credits) |
| MATH 2200 | Calculus II (4 credits) <u>OR</u> MATH 2200H Calculus II Honors (4 credits) |
| SCIE 3210 | History of Science (3 credits) |
| SCIE 4490 | Research Methods (3 credits) |

Group II: Lab or field-based electives (5 credits)

Select at least 5 or more credits from the following courses:

| | |
|-----------|--|
| ENVS 1500 | Natural History of South Florida (4 credits) |
| ENVS 3170 | Everglades Ecology and Conservation (3 credits) |
| MBIO 2350 | Advanced Diving Techniques (3 credits) |
| MBIO 3450 | Survey of Marine Mammals (3 credits) |
| MBIO 3800 | Island Biogeography (3 credits) <u>AND</u> MBIO 3801 Island Biogeography Field Course (1 credit) |
| MBIO 4260 | Ecology of the Galapagos Islands (3 credits) <u>AND</u> MBIO 4261 Ecology of the Galapagos Islands Field Trip (1 credit) |
| MBIO 4990 | Independent Study in Marine Biology (1–3 credits) |

Open Electives (9 credits)

Select 9 credits from any courses offered at NSU.

Minors

GEOGRAPHIC INFORMATION SCIENCE MINOR

Geographic information science has become an essential foundation for numerous disciplines that require location-based analysis. This minor provides an understanding of geographic tools, software and hardware, techniques, and spatial methodologies for use in the natural, social, and behavioral sciences, as well as in business and economics. This minor is designed for students from different disciplines interested in using geospatial technology in their studies, research, and careers. It is appropriate for students majoring in natural and behavioral science, computer and information science, urban planning, business, and public health.

Geographic Information Science Minor Requirements (18 or 19 credits)

| | |
|-----------|---|
| CSIS 2101 | Fundamentals of Computer Programming (4 credits) <u>OR</u> TECH 1500 Programming for Everyone (3 credits) |
| CSIS 4530 | Database Management (3 credits) |
| GEOG 2075 | Geographical Information Systems (3 credits) |
| GEOG 3050 | Applied Geographic Information Systems (3 credits) |
| GEOG 3075 | Geospatial Field Methods (3 credits) |
| GEOG 4050 | Space-Borne and Aerial Image Processing (3 credits) |

MARINE BIOLOGY MINOR

The marine biology minor focuses on the life processes of marine organisms and is intended for students interested in the field as a complement to their major curriculum. Biology majors can take the marine biology minor with no additional prerequisites outside of those required for the biology major. Students in other majors who have taken the appropriate prerequisites may also pursue this minor. This minor can be combined with any major and minor except the marine biology major and marine ecology minor.

Marine Biology Minor Requirements (17 credits)

Core Courses (8 credits)

| | |
|-----------|--------------------------------|
| MBIO 2410 | Marine Biology/Lab (4 credits) |
| MBIO 2500 | Oceanography/Lab (4 credits) |

Minor Electives (9 credits)

Select 9 credits from the following courses:

Any MBIO 3000- or 4000-level course. Among those, but not limited to:

| | |
|-----------|--|
| BIOL 3200 | General Ecology/Lab (4 credits) |
| BIOL 3300 | Invertebrate Zoology/Lab (4 credits) |
| BIOL 3311 | Vertebrate Zoology/Lab (4 credits) |
| MBIO 3450 | Survey of Marine Mammals (3 credits) |
| MBIO 3500 | Food Web Dynamics (3 credits) |
| MBIO 3600 | Plankton Ecology (3 credits) |
| MBIO 3700 | Biology of Fishes/Lab (4 credits) |
| MBIO 3750 | Coral Reefs and Coral Communities (3 credits) |
| MBIO 3800 | Island Biogeography (3 credits) <u>AND</u> MBIO 3801 Island Biogeography Field Course (1 credit) |
| MBIO 3910 | Sharks and Their Relatives (3 credits) |
| MBIO 4260 | Ecology of the Galapagos Islands (3 credits) <u>AND</u> MBIO 4261 Ecology of the Galapagos Islands Field Trip (1 credit) |
| MBIO 4900 | Special Topics in Marine Biology (1–3 credits) |
| SCIE 4490 | Research Methods (3 credits) |

MARINE ECOLOGY MINOR

The marine ecology minor focuses on the interactions among marine organisms and the relationships between these organisms and their environment. This minor is intended for marine biology majors who want more specific training in marine ecological science. Students in other majors who meet the prerequisites may also pursue this minor. This minor can be combined with any major and minor except the marine biology minor. When combining with the marine biology major, a minimum of 6 credits must be exclusive to the minor and cannot be counted toward the major.

Marine Ecology Minor Requirements (18 credits)

Selected MBIO 3000- or 4000-level course, as determined with advising and program office. Among those, but not limited to:

| | |
|-----------|--|
| ENVS 1500 | Natural History of South Florida (4 credits) |
| ENVS 2000 | Biodiversity of Alaskan Ecosystems (3 credits) <u>AND</u> ENVS 2001 Biodiversity of Alaskan Ecosystems Field Course (1 credit) |
| ENVS 3170 | Everglades Ecology and Conservations (3 credits) |
| MBIO 3450 | Survey of Marine Mammals (3 credits) |
| MBIO 3500 | Food Web Dynamics (3 credits) |
| MBIO 3600 | Plankton Ecology (3 credits) |
| MBIO 3700 | Biology of Fishes/Lab (4 credits) |
| MBIO 3750 | Coral Reefs and Coral Communities (3 credits) |
| MBIO 3800 | Island Biogeography (3 credits) <u>AND</u> MBIO 3801 Island Biogeography Field Course (1 credit) |
| MBIO 3910 | Sharks and Their Relatives (3 credits) |
| MBIO 4260 | Ecology of the Galapagos Islands (3 credits) <u>AND</u> MBIO 4261 Ecology of the Galapagos Islands Field Trip (1 credit) |
| MBIO 4990 | Independent Study in Marine Biology (1–3 credits) |
| SCIE 4490 | Research Methods (3 credits) |

SCIENTIFIC DIVING MINOR

The Scientific Diving Minor focuses on the combination of practical and theoretical aspects of scientific research underwater. It will give students practical diving skills that directly complement the materials learned in the classroom/lab for their major. This minor will provide students with the knowledge to design practical field surveys and experiments using SCUBA. The minor qualifies students as American Academy of Underwater Sciences (AAUS) Divers-in-Training. Marine Biology and Biology majors can take the scientific diving minor with no additional prerequisites outside those required for their major. Students in other majors who have taken the appropriate prerequisites may also pursue this minor.

Scientific Diving Minor Requirements (17 credits)

Core Courses (8 credits)

| | |
|-----------|--------------------------------|
| MBIO 2410 | Marine Biology/Lab (4 credits) |
|-----------|--------------------------------|

MBIO 2500 Oceanography/Lab (4 credits)

Minor Electives (9 credits)

9 credits from the following courses:

MBIO 2350 Advanced Diving Technology and Techniques (3 credits)

MBIO 3350 Scientific Diving and Underwater Research Techniques (3 credits)

MBIO 4350 Advanced Scientific Diving and Underwater Research Techniques (3 credits)

Participate voluntarily in not-for-credit workshop MBIO 2360: Small vessel handling and safety.

Department of Mathematics

The Department of Mathematics provides a core curriculum in pure mathematics, applied mathematics, and analytical sciences. As a department, we are committed to the highest quality teaching and research. Through the mathematics major, mathematics minor, and applied statistics minor, our course work provides students the skills to formulate, abstract, analyze, and solve complex problems. Our coursework is enhanced by co-curricular activities including a department colloquium series and faculty mentorship of undergraduate student research projects. Graduates of our programs will be prepared to enter graduate study in the mathematical sciences or pursue careers in a variety of fields including science, medicine, industry, and business.

Major

MATHEMATICS MAJOR

The mathematics major provides a core of applied mathematics, pure mathematics, and analytical sciences. This major provides students with the mathematical skills to formulate, abstract, analyze and solve problems typically encountered by mathematicians, educators, government officials, scientists, engineers, and other professionals. Graduates of this program will be prepared to enter graduate study in mathematics and pursue careers in science, industry, and business.

Mathematics Major Learning Outcomes

A successful mathematics graduate is expected to:

1. Apply analytical, critical thinking, and abstract reasoning skills.
2. Analyze and formulate Mathematical proofs and critique for correctness.
3. Apply general mathematical techniques, theories, and abstract reasoning to find solutions to concrete problems.

General Education Requirements (30 credits)

Students are required to complete 30 credit hours as part of the General Education Program. For specific course requirements, refer to the "General Education Program" section on page 94 of this catalog.

Mathematics Major Requirements (53 or 54 credits)

Core Courses (27 or 28 credits)

| | |
|-----------|---|
| MATH 2100 | Calculus I (4 credits) <u>OR</u> MATH 2100H Calculus I Honors (4 credits) |
| MATH 2200 | Calculus II (4 credits) <u>OR</u> MATH 2200H Calculus II Honors (4 credits) |
| MATH 2500 | Introduction to Advanced Mathematics (3 credits) <u>OR</u> CSIS 2050 Discrete Mathematics (4 credits) |
| MATH 3200 | Calculus III (4 credits) |
| MATH 3300 | Introductory Linear Algebra (3 credits) |
| MATH 3400 | Ordinary Differential Equations (3 credits) |
| MATH 4050 | Advanced Calculus I (3 credits) * <u>OR</u> MATH 4350 Abstract Algebra I (3 credits) * |
| MATH 4060 | Advanced Calculus II (3 credits) * <u>OR</u> MATH 4360 Abstract Algebra II (3 credits) * |

*Can be counted only once, either as a core course requirement or a major elective requirement

Note: Six (6) credits of MATH may fulfill the General Education requirements.

Laboratory Science (8 credits)

Select 8 credits from the following courses:

| | |
|-----------|---|
| CHEM 1300 | General Chemistry I/Lab (4 credits) <u>OR</u> CHEM 1300H General Chemistry I/Lab Honors (4 credits) |
| CHEM 1310 | General Chemistry II/Lab (4 credits) <u>OR</u> CHEM 1310H General Chemistry II/Lab Honors (4 credits) |
| CSIS 2101 | Fundamentals of Computer Programming (4 credits) |
| CSIS 3101 | Advanced Computer Programming (4 credits) |
| PHYS 2350 | General Physics I/Lab (4 credits) <u>OR</u> PHYS 2350H General Physics I/Lab Honors (4 credits) <u>OR</u> PHYS 2400 Physics I/Lab (4 Credits) |

PHYS 2360 General Physics II/Lab (4 credits) OR PHYS 2360H General Physics II/Lab Honors (4 credits) OR PHYS 2500
Physics II/Lab (4 Credits)

Note: Six (6) credits of CHEM/PHYS may fulfill the General Education requirements.

Major Electives (18 credits)

Select 18 credits from the following courses:

| | |
|-----------|---|
| MATH 3050 | Mathematics and Biology (3 credits) |
| MATH 3260 | Combinatorics (3 credits) |
| MATH 3270 | Logic (3 credits) |
| MATH 3340 | Linear Algebra II (3 credits) |
| MATH 3350 | Number Theory (3 credits) |
| MATH 3450 | Elementary Differential Geometry (3 credits) |
| MATH 3900 | History of Mathematics (3 credits) |
| MATH 3990 | Competitive Mathematics Seminar (1 credit) |
| MATH 4050 | Advanced Calculus I (3 credits) * |
| MATH 4060 | Advanced Calculus II (3 credits) * |
| MATH 4100 | Introduction to Topology (3 credits) |
| MATH 4200 | Complex Variables (3 credits) |
| MATH 4300 | Numerical Methods (3 credits) |
| MATH 4350 | Abstract Algebra I (3 credits)* |
| MATH 4360 | Abstract Algebra II (3 credits)* |
| MATH 4400 | Partial Differential Equations (3 credits) |
| MATH 4450 | Basic Probability (3 credits) |
| MATH 4500 | Probability and Statistics (3 credits) |
| MATH 4600 | Introduction to Applied Mathematics (3 credits) |
| MATH 4700 | Applied Cryptography (3 credits) |
| MATH 4900 | Special Topics in Mathematics (3 credits) |
| MATH 4950 | Internship in Mathematics (1–12 credits) |
| MATH 4990 | Independent Study in Mathematics (1–3 credits) |

*Can be counted only once, either as a core course requirement or a major elective requirement

The following courses are excluded for credit toward the mathematics major:

| | |
|-----------|---|
| MATH 3030 | Applied Statistics II (3 credits) |
| MATH 4020 | Applied Regression Analysis (3 credits) |
| MATH 4040 | Applied Multivariate Statistical Analysis (3 credits) |
| MATH 4080 | Introduction to Statistical Computations (3 credits) |

Minors

APPLIED STATISTICS MINOR

Statistical methods are widely used in science, social and behavioral sciences, business, health professions, and industry. The applied statistics minor is appropriate for all NSU students with interests in experimental design, data analysis, or statistical modeling. The minor is designed to enable a student to properly design studies and analyze the resulting data, and to evaluate statistical methods used in marketing research, biological models, social studies, or their field of study.

Applied Statistics Minor Requirements (15 credits)

The applied statistics minor requires the successful completion of 15 credit hours of statistics courses with a MATH prefix at the 3000 or higher level.

Select 15 credits from the following courses:

| | |
|-----------|-----------------------------------|
| MATH 3030 | Applied Statistics II (3 credits) |
|-----------|-----------------------------------|

| | |
|-----------|---|
| MATH 3260 | Combinatorics (3 credits) |
| MATH 3300 | Introductory Linear Algebra (3 credits) |
| MATH 4020 | Applied Regression Analysis (3 credits) |
| MATH 4040 | Applied Multivariate Statistical Analysis (3 credits) |
| MATH 4080 | Introduction to Statistical Computations (3 credits) |
| MATH 4450 | Basic Probability (3 credits) |
| MATH 4500 | Probability and Statistics (3 credits) |
| MATH 4900 | Special Topics in Mathematics (3 credits) |
| MATH 4990 | Independent Study in Mathematics (1–3 credits) |

MATHEMATICS MINOR

Mathematics is extensively used throughout the disciplines, including the sciences, engineering, finance, and social sciences. For those already engaging in disciplines with higher mathematics courses, the mathematics minor provides an opportunity to deepen their understanding into their own fields and develop professional tools that may not be commonly available to their peers. The minor in mathematics is appropriate for all NSU students looking to broaden their mathematical horizons.

Mathematics Minor Requirements (17 credits)

Select 17 credits of MATH courses at the 2000 level or higher including at least 9 of these credits at the 3000 level or higher. The courses eligible for this minor include (but are not limited to) the following:

| | |
|-----------|---|
| MATH 2100 | Calculus I (4 credits) <u>OR</u> MATH 2100H Calculus I Honors (4 credits) |
| MATH 2200 | Calculus II (4 credits) <u>OR</u> MATH 2200H Calculus II Honors (4 credits) |
| MATH 3050 | Mathematics and Biology (3 credits) |
| MATH 3200 | Calculus III (4 credits) |
| MATH 3300 | Introductory Linear Algebra (3 credits) |
| MATH 3350 | Number Theory (3 credits) |
| MATH 3400 | Ordinary Differential Equations (3 credits) |
| MATH 4500 | Probability and Statistics (3 credits) |
| MATH 4900 | Special Topics in Mathematics (3 credits) |
| MATH 4990 | Independent Study in Mathematics (1–3 credits) |

The following courses are excluded for credit toward the mathematics minor:

| | |
|-----------|---|
| MATH 2020 | Applied Statistics (3 credits) <u>OR</u> MATH 2020H Applied Statistics Honors (3 credits) |
| MATH 2080 | Applied Calculus (3 credits) |
| MATH 3030 | Applied Statistics II (3 credits) |
| MATH 4020 | Applied Regression Analysis (3 credits) |
| MATH 4040 | Applied Multivariate Statistical Analysis (3 credits) |
| MATH 4080 | Introduction to Statistical Computations (3 credits) |

MATHEMATICAL FINANCE MINOR

Housed in the H. Wayne Huizenga College of Business and Entrepreneurship. This minor is taught in conjunction with the Halmos College of Arts and Sciences and is designed for students who may or may not be math majors. This minor will prepare students for careers in financial analysis, actuarial science, and related fields.

Mathematical Finance Minor Requirements (23 credits)

Ron and Kathy Assaf College of Nursing

Ron and Kathy Assaf College of Nursing

Dean's Message



With over 15 years of graduating compassionate and confident nurses the Ron and Kathy Assaf College of Nursing (ACON) has created a community focused on providing quality academics. Nursing is not just a science, but also an art, and takes a special person to commit to serving others through patient care. Quality nurses are celebrated by patients and families as they spend the most time at the bedside. Our remarkable faculty helps foster an environment for our students to become caring nurses who will lead and serve within our communities.

ACON offers programs from undergraduate to graduate degrees to prepare professional nurses, clinical scientists, and transformational leaders in the ever-changing healthcare environment. At the heart of our academic programs are our highly qualified faculty members. Our faculty members are dedicated nurses and lifelong learners who are actively involved in the nursing community. Faculty and students are encouraged and supported in producing research through interprofessional collaboration. With academic and community partnerships our students are provided a network of resources that will extend beyond graduation. The larger NSU community also affords resources such as the state-of-the-art Center for Collaborative Research (CCR), which provides space and equipment for faculty and student researchers. These relationships and resources help our students achieve their professional goals in research and patient care.

Our Bachelor of Science in Nursing (BSN) is offered as a traditional or accelerated track. We strive to prepare generalist nurses who are ready to enter the workforce and care for patients, families, and communities.

The Master of Science in Nursing can be completed in Executive Nursing Leadership, Nursing Education, Nursing Informatics, Adult-Gerontology Acute Care Nurse Practitioner, Family Nurse Practitioner, or Psychiatric Mental Health Nurse Practitioner. This spectrum of traditional and clinically focused tracks allows students to choose a focus that fulfills their passion for nursing. We also offer certifications for our clinical tracks for students with varied interests who wish to pursue multiple areas of professional nursing.

Terminal degrees are offered in Doctor of Nursing Practice (DNP) and Doctor of Philosophy in Nursing (PhD). The BSN to DNP provides the opportunity for continuity as the student progresses through their MSN into their DNP. Those who already hold a DNP and are interested in becoming more involved in research can enroll in our DNP to PhD program.

At ACON it's not only about academics but also about building relationships. Students, faculty, and staff participate in community events such as The Broward Heart Walk, A Day in the Life as a Nurse, St. Jude Run, and various community health screenings. Working alongside each other, lifelong connections and friendships are created.

We are proud of the community we have built to grow our students through meaningful academic programs that will support their passion for nursing. Students will be challenged to find purpose and direction within the nursing profession. Whatever path you choose our committed staff, faculty, and leadership team are here to support and inspire you on your journey to becoming a professional nurse at any level.

A handwritten signature in black ink that reads "Stefanie La Manna".

Stefanie La Manna PhD, MPH, APRN, FNP-C, AGACNP-BC
Interim Dean, Ron and Kathy Assaf College of Nursing

Health Professions Division (HPD) Mission Statement

The mission of Nova Southeastern University Health Professions Division is to train primary care health practitioners in a multidisciplinary setting, with an emphasis on medically challenged areas.

The institutional premise is that health professionals should be trained in a multidisciplinary setting and, whenever possible, with integrated education. The university trains students in concert with other health profession students so that the various disciplines will learn to work together as a team for the good of the public's health. During their didactic work, students share campus facilities and, in some cases, have combined classes. In their clinical experiences, they work together in facilities operated by the university.

Furthermore, the division aims to educate health care practitioners who will eventually increase the availability of health care in areas of Florida that suffer from health care shortages. The division aims to alleviate some of these shortages by exposing the entire student body to the needs, challenges, and rewards of rural, urban, and geriatric care. Existing curricula require all students to attend ambulatory care clerkships in rural or urban areas, or both, making Nova Southeastern University strongly oriented toward a pattern of training its students in areas geographically removed from the health center itself, and to the care of different population groups.

In doing this, it developed training programs that address the primary care needs of the region's most medically challenged populations.

Ron and Kathy Assaf College of Nursing Mission Statement

It is the mission of ACON to provide quality undergraduate and graduate educational programs within an atmosphere of scholarly inquiry, professional values, inter-professional collaboration, social determinants of health, and community service in preparing nurse leaders at all levels.

Core Values

- Integrity is the quality of consistently adhering to a code of honesty, accountability and being ethically moral.
- Creativity is the ability to transcend traditional ideas, patterns, and rules, as well as having the capacity to construct meaningful new ideas, methods, and interpretations.
- Courage is the aptitude to uphold one's convictions and demonstrate confidence to speak and act in accordance with one's beliefs and responsibilities.
- Stewardship is advocating and protecting resources entrusted to one's care.
- Compassion is an active desire to alleviate another's distress through caring, empathy, supporting and helping others.
- Competence is having the expertise, knowledge, and skills to successfully and efficiently perform the roles of their profession.

Introduction to the College

The Ron and Kathy Assaf College of Nursing is committed to providing the highest quality education to its students. The college offers two options for a Bachelor of Science in Nursing degree.

Option 1: The Transfer Nursing Program for students who have their general education requirements and pre-requisites completed. Students complete this B.S.N. program in five semesters. B.S.N. programs are offered on the Fort Lauderdale campus, the Miami campus, and the Fort Myers campus.

Option 2: Accelerated Bachelor of Science in Nursing

Students with a bachelor's degree in another field may apply to the accelerated Bachelor of Science in nursing (ABSN) program. Students in this track complete B.S.N. course work in five semesters of didactic education and clinical hours after general education and prerequisites courses have been completed. This program is offered on the Fort Myers and the Miami campuses.

Notice on Professional Examinations

Credits and degrees earned from colleges within the state of Florida that are licensed by the State Board of Independent Colleges and Universities do not automatically qualify the individual to participate in professional examinations in Florida. The established procedure requires the appropriate state professional board to review and recognize the colleges granting the degrees prior to scheduling examinations. Additional information regarding Nova Southeastern University Health Professions Division and its Colleges of Osteopathic Medicine, Pharmacy, Optometry, Health Care Sciences, Nursing, Medical Sciences, and Dental Medicine may be obtained by contacting the State Board of Independent Colleges and Universities, Department of Education, Tallahassee, Florida. Any student interested in practicing a regulated profession in Florida should contact the Department of Business and Professional Regulation, 2009 Apalachee Parkway, Tallahassee, Florida 32301.

Martin and Gail Press HPD Library

SERVICE UNITS LEARNING RESOURCES

The Martin and Gail Press Health Professions Division Library (Press HPD Library) is located on the first floor at the north end of the Terry Building Complex in the Library/Lab Building. The Press HPD Library consists of a large collaboration area for group study, a designated quiet study area, and 50 study rooms. There are a variety of seating options available, from large tables to individual carrels and informal seating. Study rooms, located in the library as well as the adjacent Assembly I and Assembly II Buildings, may be checked out for three hours and renewed based on availability. A paging system is offered for students waiting for an available study room. Additionally, one study room is equipped with a Mediascape collaboration unit with double monitor displays for collaborative group work and a small teaching lab may be reserved for group instruction.

Hours of operation for the Martin and Gail Press HPD Library and study rooms in Assembly I and Assembly II buildings:

| | |
|---------------------|-----------------------|
| Monday-Thursday | 7:00 a.m. - midnight |
| Friday | 7:00 a.m. – 9:00 p.m. |
| Saturday and Sunday | 10:00 a.m. - midnight |

From September through May, the study rooms in the Assembly II building are open 24/5 (Sunday-Thursday).

The Press HPD Library print collection consists of 11,500 monograph titles, 715 archived print journal titles, and 88 active print journal subscriptions. The Press HPD Library provides all HPD students with remote access to online resources including over 17,000 health related full-text eJournals, 2,000 biomedical eBooks, and over 200 health- and medicine-specific databases. These resources may be accessed 24/7 through the Press HPD Library website (nsufl.libguides.com/hpdlibrary).

Professional reference services are available to students in-person as well as by phone, email, and online via screensharing software. Eight professional librarians are available to assist students with library resources and research-specific assignments. Each HPD college/program is assigned a subject specialist liaison librarian who works closely with faculty and provides instructional sessions for specific class assignments.

The Press HPD Library also provides these free services to enhance student learning and study:

- Interlibrary Loan/Document Delivery service obtains journal articles, books, and items not available in the NSU collection
- Notary service
- Binding, faxing, and scanning services
- Wireless printing stations
- On-site technology assistance
- I.D.E.A. Labs:
 - 3D Printing & Scanning: 3-D scanning and printing services for students involved in curricular and faculty projects.
 - Virtual Reality: Students can experience virtual anatomy, simulation & medical-related apps via immersive virtual reality headsets.
 - The Studio: Digital production room/studio for video recording and editing, along with cameras and other production equipment which can be checked out of the library.

Additional resources at the circulation desk (limited checkout times):

- Laptop computers
- iPads loaded with medical and production apps
- Medical/anatomy apps for checkout on personal Apple devices
- Print editions of required textbooks on reserve (for in-library use)
- Anatomy models and skeletons (for in-library use)
- Individual, small whiteboards and markers
- Chargers and extension cords
- Earplugs and school supplies (for purchase)
- Self-service Keurig coffee machine

For more information, please call (954) 262-3106.

See the university Libraries section of the NSU Student Handbook for information about NSU's Alvin Sherman Library, Research, and Information Technology Center. Visit nova.edu/student-handbook for more information.

HPD Policies and Procedures

ACCEPTANCE OF PROFESSIONAL FEES

The activities of students are not to be construed as the practice of medicine, optometry, pharmacy, audiology, occupational therapy, physical therapy, physician assistant, anesthesiologist assistant, cardiovascular sonography, medical sonography, respiratory therapy, nursing, dentistry, public health, nutrition/dietician, athletic training, or speech-language therapists. It is a violation of the law and contrary to the policy of this university for any unlicensed person to attempt to engage in the professional practice of health care. Students who are appropriately licensed in a profession may engage in that professional work to the extent provided by law.

COMMUNICABLE DISEASE POLICY

See Communicable Disease section in the *NSU Student Handbook* at nova.edu/student-handbook.

BACKGROUND CHECKS

Accepted applicants and students are required to authorize the NSU Health Professions Division to obtain background check (s) as per adopted policy of March 2011. If the background check (s) reveal information of concern, which the NSU Health Professions Division may deem unfavorable, HPD will request that the individual provide a detailed written explanation of the information contained in this report, along with appropriate documentation (e.g., police reports). Students may also be required to authorize clinical training facilities that they are assigned to by the Health Professions Division to obtain a background check with the results reported to the clinical training facility.

Offers of admission will not be considered final until the completion of the background check(s), with results deemed favorable by the NSU Health Professions Division, and, where appropriate, by the clinical training facilities. If information received indicates that the student has provided false or misleading statements, has omitted required information, or in any way is unable to meet the requirements for completion of the program, then the admission may be denied or rescinded, the student may be disciplined or dismissed, or their enrollment terminated.

Acceptance to an NSU Health Professions Division program does not guarantee that a student with information of a concern will be accepted by clinical training facilities to which they may be assigned.

Students have the continuing obligation to disclose to the college any arrest or conviction, other than a minor traffic violation (those where no criminal conviction occurs and no first offender/pretrial diversion program was required).

Additionally, a Level 2 background check may be required of students completing certain rotations.

Background Checks: The college pays for the first background check per student. Additional background checks will be funded by the student.

CERTIFICATE OF PHYSICAL EXAMINATION

Students must have a certificate of physical examination completed by their physician. Forms will be provided to each matriculant as part of the admissions package or can be downloaded.

Students may request that the University Health Service perform this examination. The University Health Service will make appointments in as timely a manner as possible. The appointments, once made, become an obligation of the student and must be kept.

These certificates (whether done privately or by the university) will be placed in the appropriate site.

- A Nova Southeastern University Health Form will be included with acceptance materials. The completed, signed form must be presented according to the admissions department guidelines.
- Basic Life Support (BLS) certification must be valid prior to each term for the duration of the term.
- The student should carry a copy of their health/hospitalization insurance card with them to the clinical agency, as well as their BLS card.

A student who experiences a health problem that may interfere with the ability to provide client care (e.g., surgery, fracture) must provide a release from their health care provider indicating the ability to participate fully in client care situations. "Light duty" is not permissible.

CORE PERFORMANCE STANDARDS FOR ADMISSION AND PROGRESS

The Nova Southeastern University's Health Professions Division Ron and Kathy Assaf College of Nursing is pledged to the admission and matriculation of qualified students and wishes to acknowledge awareness of laws that prohibit discrimination against anyone on the basis of race, color, religion or creed, sex, pregnancy status, national or ethnic origin, non-disqualifying disability, age, ancestry, marital status, sexual orientation, unfavorable discharge from the military, veteran status, or political beliefs or affiliations.

Regarding those students with verifiable disabilities, the university will not discriminate against such individuals who are otherwise qualified, but will expect applicants and students to meet certain minimal technical standards (core performance standards) as set forth herein with or without reasonable accommodation. In adopting these standards, the university believes it must keep in mind the ultimate safety of the patients whom its graduates will eventually serve. The standards reflect what the university believes are reasonable expectations required of health professions students and personnel in performing common functions. Any exceptions to such standards must be approved by the dean of the student's particular college based upon appropriate circumstances.

The holders of health care degrees must have the knowledge and skills to function in a broad variety of clinical situations and to render a wide spectrum of patient care. In order to carry out the activities described below, candidates for Health Professions Division degrees must be able to integrate consistently, quickly, and accurately all information received, and they must have the ability to learn, integrate, analyze, and synthesize data.

Honor and integrity of the health professions student and health care professional is essential and depends on the exemplary behavior of the individual health care provider in his/her relations with patients, faculty members, and colleagues. This includes accountability to oneself and to relationships with fellow students, future colleagues, faculty members, and patients who come under the student's care or contribute to his/her training and growth, as well as members of the general public. This applies to personal conduct that reflects on the student's honesty and integrity in both academic and non-academic settings, whether or not involving an NSU-sponsored activity. All students must have the capacity to manage their lives and anticipate their own needs. Upon accepting admission to NSU, each student subscribes to and pledges complete observance to NSU's Student Code of Conduct Policies. A violation of these standards is an abuse of the trust placed in every student and could lead to suspension or dismissal.

Candidates for degrees offered by the Health Professions Division Ron and Kathy Assaf College of Nursing must have, with or without reasonable accommodation, multiple abilities and skills including intellectual, conceptual, integrative, and quantitative abilities; interpersonal communication; mobility and strength; motor skills; hearing, visual, tactile, behavioral, and social attributes. Candidates for admission and progression must be able to perform these abilities and skills in a reasonably independent manner.

Intellectual, Conceptual, Integrative, and Qualitative Abilities

These abilities include measurement, calculation, reasoning, analysis, and synthesis. Problem solving—a critical skill—requires all of

these intellectual abilities. Candidates and students must have critical thinking ability sufficient for good clinical judgment. This is necessary to identify cause-effect relationships in clinical situations and to develop plans of care. In addition, candidates and students should be able to comprehend three-dimensional relationships and to understand the spatial relationships of structures. An individual is expected to be able to perform multiple tasks in a dynamic, highly competitive, and challenging learning environment. All individuals are expected to meet their program requirements on a satisfactory level as determined by HPD administration or the applicable college/program administration.

Interpersonal Communication

Candidates and students must be able to interact and communicate effectively with respect to policies, protocols, and process, with faculty, students, staff, patients, patient surrogates, and administration during the student's educational program. They must be able to communicate effectively and sensitively with patients. Communication includes not only speech, but also reading and writing. Candidates and students must also be able to communicate effectively and efficiently in all written forms with all members of the health care team. They must have interpersonal abilities sufficient to interact with individuals, families, and groups from a variety of social, emotional, cultural, and intellectual backgrounds.

A student must have sufficient proficiency with English to retrieve information from texts and lectures and communicate concepts on written exams and patient charts; elicit patient backgrounds; describe patient changes in moods, activity, and posture; and coordinate patient care with all members of the health care team. A student must be able to communicate or provide communication in lay language so that patients and their families can understand the patient's conditions, treatment options, and instructions. The student must be able to accurately enter information in the patient's electronic health record, according to their program's requirements.

Motor Skills

Candidates and students should have sufficient motor function to execute movements reasonably required to provide general care and emergency treatment to patients. Examples of emergency treatment reasonably required to some health care professionals are cardiopulmonary resuscitation, administration of intravenous medication, the application of pressure to stop bleeding, the opening of obstructed airways, and the ability to calibrate and use various pieces of equipment. Such actions require coordination of both gross and fine muscular movements, equilibrium and functional use of the senses of touch and vision.

Strength and Mobility

Candidates and students must have sufficient mobility to attend to emergency codes and to perform such maneuvers as CPR when required. They must have the physical ability to move sufficiently from room to room and to maneuver in small places. Ron and Kathy Assaf College of Nursing students must have the ability to position and move patients.

Hearing

Candidates and students should have sufficient auditory ability to monitor and assess health needs. They must be able to hear information given by the patient in answer to inquiries; to hear cries for help; to hear features in an examination, such as the auscultatory sounds; and to be able to monitor equipment.

Vision

Candidates and students must have visual ability sufficient for observation and assessment necessary in patient care. It must be consistent in many cases with being able to assess asymmetry, range of motion, and tissue changes. Ron and Kathy Assaf College of Nursing students must have adequate visual capabilities for proper evaluation and treatment integration. Students must be able to observe the patient and the patient's responses including body language and features of the examination and treatment as well as interpret prescriptions and medical orders.

Tactile/Sensory

Students must have sufficient tactile ability for physical assessment. They must be able to perform palpation, functions of physical examination, and/or those related to therapeutic intervention, including medication administration.

Behavioral and Social Attributes

Students must possess the emotional health required for full use of their intellectual abilities; the exercise of good judgment; the ability to take responsibility for their own actions with respect to policies, protocols, and processes, with faculty, students, staff, patients, patient surrogates, and administration during the student's educational program; the prompt completion of all responsibilities attendant to the diagnosis and care of patients; and the development of mature, sensitive, and effective relationships with the patients. Students must be able to physically tolerate taxing workloads, adapt to changing environments, display flexibility, and learn to function in the

face of uncertainties inherent in the clinical problems of many patients. Compassion, integrity, concern for others, interpersonal skills, interest, and motivation are all personal qualities that will be assessed during the education process.

DRESS CODE

Students must maintain a neat and clean appearance befitting those attending professional school. Therefore, attire should convey a professional appearance whenever the student is on the division campus and in classes or laboratory or on an experiential rotation or program. The dress code is to be maintained at all times on any NSU campus and all areas involved in providing patient care. The dress code is applicable Monday through Friday from 8:00 a.m. until 5:00 p.m. and for any clinical, laboratory, externship, or research experience that may fall outside of the aforementioned time frame. Those failing to comply with the dress code may be dismissed from the classroom, campus, and/or clinical setting. A written warning describing the infraction will be entered into the student's file. The dress code is to be observed at all times including during midterms, examination periods, and during advisement. Students are assigned to various clinical facilities for clinical rotations as an ACON student. Compliance with individual dress codes as specified by policies of the clinical site is required.

The following is professional attire from 8:00 a.m. to 5:00 p.m.

- Students must visibly wear NSU ID badges while on campus, at all clinicals, practicums, immersions, or any other NSU-ACON affiliated experience.
- The nursing clinical uniform consists of teal scrubs with the student's name and NSU embroidered on the left side of the scrub top and white clinical jackets.
- Tattoos: All tattoos must be covered at all times when the student is on campus, while in uniform, or at the clinical setting.
- Nails: Fingernails must be short, clean, and unpolished. Artificial nails are not allowed.
- Eyelashes: Artificial eyelashes are not permitted.
- Piercing: one piercing, only in the lobe of the ear with a small stud, is allowed. No dangling earrings are allowed.
- Hair must be neatly groomed and professional in appearance. Hair must be tied back and off the collar while participating in clinical rotations and while in the simulation laboratory. Facial hair should be closely trimmed.
- White clinical jackets should be worn by all ACON students participating in classroom, clinical, laboratory, externship, or research experiences.
- Students must wear scrubs and white clinical jackets OR teal polo shirts and khaki bottoms to clinical experiences in psychiatric-mental health nursing and community health nursing.
- Professional business dress for non-clinical classes is preferred and includes: slacks/skirts, dresses, appropriate shoes and white clinical jackets.
- Shoes: If wearing scrub sets, students must wear white shoes. If wearing khaki slacks/skirts and teal polo shirt or business attire, students must wear brown/black shoes.
- Additional attire may include long-sleeved white or gray T-shirts under the scrubs.

No institutional scrubs may be worn by any Ron and Kathy Assaf College of Nursing student at any time while on campus. Institutional scrubs are those that have the identification symbols or lettering from the institution that owns or issues them. Those scrubs are marked in locations that are easy to identify as being part of the inventory of that institution.

The following attire is never appropriate while the student is on campus: jeans, capris, leggings (or tight fitting clothing), shorts or cutoffs, miniskirts (higher than mid-thigh), see-through clothing or halter tops, flip-flops, jogging or exercise clothing, hats or caps (unless for a religious reason), or inappropriately mismatched garments. Students will wear the prescribed uniform during designated clinical experiences and be neatly groomed. The specified uniform is worn when the student is in the hospital, nursing lab, or health care agency under the supervision of a professor.

When on campus, students may wear professional business casual attire or their NSU scrubs. If the student elects to wear the NSU scrubs to class, they must be laundered in time for the next clinical experience. The scrubs and shirts are to be ordered and purchased through the NSU Bookstore or the approved vendor. No other uniform is acceptable. The HPD Section of the handbook outlines the dress code for NSU health professions students and serves as the foundation for the ACON's dress code. Students must adhere to the HPD dress code and the ACON's detailed dress code as outlined. The dress code is to be observed at all times including midterms, examination periods, and during advisement.

Students are expected to consult their specific program handbooks for compliance with any program-specific and clinical rotation site-supplemental dress code policies.

Identification Badges

Students must wear identification badges at all times while on campus. ID badges are not transferable. ID badges are issued at the Division Badge Room. These badges are given to the students at no charge except for replacement.

Background Checks: The college pays for the first background check per student. Additional background checks will be funded by the student.

IDENTIFICATION REQUIREMENTS AND FIELDWORK PREREQUISITES

An affiliated clinical/ fieldwork teaching facility may also require a student to pass a state of Florida Department of Health screening before rotation. Other requirements, which may be held by the affiliated facility include, but are not limited to, fingerprinting, criminal background check, urinalysis for drugs and alcohol, and proof of immunization. If a student does not meet all requirements held by the affiliated facility on the date specified by the ACON, the student's placement will be canceled.

IMMUNIZATION REQUIREMENTS

Students must complete a mandatory immunization form, which must be signed by a licensed health care provider. The form can be found at nova.edu/smc.

Students in the Health Professions Division may be required to upload proof of immunizations to multiple online portals to satisfy the requirements of their programs and the training facilities where they are assigned.

The following immunizations/vaccinations are required of student at the Health Professions Division based on the current Centers for Disease Control (CDC) recommendations for Health Care Personnel:

Basic Immunizations

Every student is required to have had an immunization for, or show evidence of immunity to, the following diseases before matriculating at Nova Southeastern University:

Hepatitis B

- Both of the following are required: three vaccinations and a positive surface antibody titer. (Lab report is required.)
- If the series is in progress, evidence of at least one shot must be provided, and the renewal date will be set accordingly.
- If the titer is negative or equivocal, the student must repeat the series and provide repeat titer report.

Influenza Vaccination

Administered as required by clinical sites and as recommended by the CDC. (An annual, seasonal influenza vaccine is required by most clinical sites as well as a Covid vaccine.)

Measles, Mumps and Rubella (MMR)

One of the following is required: Proof of two vaccinations, or positive antibody titer for measles (rubeola), mumps, and rubella. (Lab report is required.)

PPD Skin Test (2 Step)

One of the following is required: negative two-step test or negative blood test (such as T-Spot Test) or if positive PPD results, provide a chest X-ray and/or prophylactic treatment information within the past 12 months.

Tetanus Toxoid, Diphtheria Toxoid, and Acellular Pertussis Vaccine (Tdap)

All students are required to have had a Tetanus Toxoid, Diphtheria Toxoid, and Acellular Pertussis Vaccine (Tdap) booster prior to matriculation and must maintain immunity by continuing to remain current according to the CDC recommendations for health care personnel during their program. Due to the increased risk of pertussis in a health care setting, the Advisory Committee on Immunization practices highly recommends health care workers receive a One-time Tdap (ask your health care provider). Tdap is required, without regard to interval of previous dose of Tetanus-Toxoid (Td).

Varicella (Chicken Pox)

One of the following is required: Proof of two vaccinations or positive antibody titer. (Lab report is required.)

Arrangements: Students may request that the Student Medical Center or the NSU Clinic Pharmacy administer these immunizations. The Student Medical Center will make appointments in as timely a manner as possible. Students may call (954) 262-1270 to make an appointment. Once made, the appointment becomes the student's obligation and must be kept. For students at other NSU campuses, appointments may be scheduled with the NSU designated physician for their area.

Failure to comply: The University is not required to provide alternative sites for clinical practicum or rotations should immunization be a requirement for placement. Therefore, failure to comply with this policy may result in a student's inability to satisfy the graduation requirements in their program.

Relative to clinical rotation site requirements, students are expected to consult their specific college/program handbooks for compliance with any college/program specific requirements.

NETIQUETTE

In a traditional classroom, students are reminded that behavior that disrupts the class or interferes with other students and their ability to learn is unacceptable. Any person engaged in disruptive behavior receives a written warning from the instructor. Students who continue to engage in disruptive behavior after this warning may be administratively withdrawn from the course.

Similarly, in an online course, any electronic postings, emails, or electronic messages that disrupt the class or interfere with learning goals and objectives are unacceptable. Electronic communication must be civil, respectful, and cordial. Any posting that disrupts or interferes with learning will be removed, and the author of the posting will receive a written warning. A second disruptive posting will cause the author to be administratively withdrawn from the course.

SOCIAL MEDIA

Media outlets are a great tool when used in a way that fosters learning and enhances the educational experience of its participants. The Ron and Kathy Assaf College of Nursing (ACON) prohibits the posting of messages or photos that incite lawless action, are an expression of intent to inflict physical, emotional harm upon members of the college's students or faculty body, or that are a violation of any law prohibiting discrimination, defamation, or are otherwise unlawful.

Students are prohibited from uploading text, messages, chats, or photos of course and exam content, faculty-generated course content, simulation scenarios, or educational materials that are used exclusively for the educational purposes of courses offered at ACON. Students are also prohibited from posting videos/photos of patients, patient care areas, or any other patient care materials. Similarly, any videos or photos that capture students who are actively enrolled in the ACON, engaging in the aforementioned activities, especially while in college uniform, will be subject to sanctions delineated in the student handbook.

URINE DRUG SCREENING

HPD students may be required to submit to urine drug screen testing. Students who test positive for illegal or illicit drugs, marijuana even if prescribed or certified by a physician, or for a controlled substance that they do not have a prescription for, will be referred to their college's appropriate committee. Certain colleges may have additional policies. Students are expected to check the college section of their student handbooks for those requirements.

VISITS TO OTHER INSTITUTIONS

Students in the Ron and Kathy Assaf College of Nursing may not visit, in an official or presumably official capacity as a Ron and Kathy Assaf College of Nursing student, any health-related institution (hospital, pharmacy, practitioner's office, clinic, etc.) or any health school without express permission of the dean. Visits to relatives or friends who are hospitalized are permitted, outside of an official or presumably official capacity as a Ron and Kathy Assaf College of Nursing student, provided they are within visiting hours and all hospital rules are observed.

Eligibility for Florida R.N. Licensure and Required Disclosure

Applicants to the nursing program who meet all university and departmental requirements will be considered for admission. The final determination of eligibility to take the NCLEX-RN rests with the Florida Department of Professional Regulation and Board of Nursing. The licensure application requires disclosure of any criminal history and the disposition of all cases prior to board review. Entry into the nursing education program is the prospective student's decision based upon the knowledge that they may, or may not, be granted a nursing license. Applicants will notify the department chair of any arrest record prior to and during enrollment in the NSU Ron and Kathy Assaf College of Nursing and prior to application for licensure. The graduate is required to meet all reporting requirements of the Board of Nursing at the time of application to sit for the NCLEX-RN.

Florida Board of Nursing

4052 Bald Cypress Way

BIN CO2

Tallahassee, Florida 32399-3252

Phone: (850) 488-0595

Florida Nursing Students Association

The Florida Nursing Student Association (FNSA) is the professional organization for nursing students in the state of Florida. It serves to prepare nursing students to be a member of a professional organization and provides a voice for students at public, institutional and governmental bodies. The Nova Southeastern University Ron and Kathy Assaf College of Nursing has a district chapter of FNSA. All students are encouraged to become members. Participation in various local, district, state, and national activities is also encouraged.

Health Forms (Student Health Records)

The Ron and Kathy Assaf College of Nursing is required to submit to clinical sites satisfactory evidence that each program participant is free from contagious disease and does not otherwise present a health hazard to hospital clients, employees, volunteers, or guests prior to their participation in the program. Students will be required to follow the requirements of the Ron and Kathy Assaf College of Nursing and the clinical agencies. Performance standards for all Ron and Kathy Assaf College of Nursing students are identified in Ron and Kathy Assaf College of Nursing Student Handbook. If students are unable to meet the performance standards, they will be asked to obtain clearance from a physician or nurse practitioner prior to returning to the program. A student who experiences a health problem that may interfere with the ability to provide client care (e.g., surgery, fracture) must provide documentation from their health care provider indicating the ability to participate fully in client care situations. Full release without restrictions is required. Partial restriction is not permissible. Each year students will provide updates to their health form, which can be completed at the Student Health Center.

Health Insurance

All Ron and Kathy Assaf College of Nursing students are required to carry health insurance to cover their health care and meet requirements of the health care facility and may not drop insurance while in the program. Proof of insurance must be provided.

Students must use this health insurance for any needs during clinical/class times. Any ACON student may be seen at the Student Health Center. Students must bring their school identification card and insurance card. At the end of their visit, they will receive a statement showing the services performed. Payment of all copayments and deductibles is expected at the time services are rendered. Students who do have private health insurance must apply for a waiver at nova.edu/bursar/health-insurance. Students are responsible for complying with this requirement each year by the NSU designated due date or they will be charged.

Some insurance policies require a primary care provider (PCP) designation. In such cases, students should designate an NSU provider prior to visiting the Health Care Center. For a list of providers and participating insurance carriers, please visit the Health Care Center website at nova.edu/healthcare/clinics-services/medical.

For additional information on the student health insurance, including purchasing insurance, please refer to the NSU Student Insurance website site at nova.edu/bursar/health-insurance.

Textbooks and Supplies

The textbooks and other related reading materials and supplies required for nursing are available for purchase at the Nova Southeastern University campus bookstore or online. Many of the textbooks purchased for nursing will be purchased during the first nursing course and used throughout the program. Unless advised otherwise, the Ron and Kathy Assaf College of Nursing recommends that students do not purchase textbooks required at other course levels until they are ready to enroll in these courses. This will enable students to have the most current required editions. The department also suggests that students put their names in all their textbooks. It is strongly recommended that students do not leave them unattended in the classroom or elsewhere.

Students should buy their books early. After the first few weeks of the semester, the bookstore returns all books that have not been purchased to the publishers. Books are expensive, but financial aid is available. Books may also be purchased online through the NSU bookstore. If students purchase online from another vendor they may be purchasing the incorrect edition.

In addition to the printed materials, students will also need the following supplies: a watch with a second hand and a stethoscope. These are available for purchase at any local uniform shop or via the Internet. All students will be measured for an NSU lab coat during the orientation.

Students must have access to a computer with Microsoft Office software.

Computer Requirements

Computer Literacy

Access to and ongoing use of a computer will be required for all students to successfully complete the online programs and courses in the Ron and Kathy Assaf College of Nursing. Each student is expected to acquire computer hardware and software appropriate to the program. All students need a webcam for any on-line activities or testing. Competency in the basic use of a computer and the ability to navigate and interact with the course and curriculum content is the responsibility of the student and necessary for graduation.

Computer Recommendations (minimum)

All students are REQUIRED to have ongoing access to a portable laptop computer with a webcam and an active account with an Internet service provider. Detailed information on the minimum recommended specifications can be found in the Hardware Guidelines for Computing at NSU at this website: <https://nova.edu/publications/it-standards/>.

Nursing Programs

The Ron and Kathy Assaf College of Nursing offers a Bachelor of Science in Nursing (B.S.N.) and an Accelerated Bachelor of Science in Nursing (A.B.S.N.) program. These programs focus on developing nursing professionals to assume leadership roles in the complex health care environment.

Upon successful completion of the program, B.S.N. graduates may be eligible to apply for admission to continue their education in the MSN Traditional, Clinical MSN APRN program, or the BSN to DNP program. The Ron and Kathy Assaf College of Nursing also offers a Doctor of Nursing Practice (D.N.P.) program and a Philosophy of Science in Nursing Degree (Ph.D.) in Administrative Leadership or Nursing Education.

Registered nurses with a B.S.N. degree who wish to pursue a DNP degree, may apply to the B.S.N. to D.N.P. program and choose from the Traditional M.S.N. track or APRN track including the Family Nurse Practitioner, Adult Gerontology Acute Care Nurse Practitioner, or Psychiatric Mental Health Nurse Practitioner degrees. M.S.N. Traditional options include Executive Nurse Leadership, Nursing Informatics, Nursing Education or Advanced Population Health tracks.

Nursing Pathway Program

Nursing Pathway Curriculum

This unique curriculum is designed for candidates with a goal of pursuing a Bachelor of Science in Nursing degree at NSU. A grade of “C” (75%) or higher is required to remain in pre-nursing. The College of Nursing is a limited access college and uses selective criteria for the admission of students. If a student receives a grade of less than C in any two prerequisite courses while declared as Nursing Pathway, the student will be required to select another major at NSU. After one grade of below C, the student will be counseled by their advisor regarding alternative career pathways. Successful completion of general education and prerequisite courses does not guarantee admission to the B.S.N. program.

Qualifying students will be invited to take a standardized assessment test prior to admission to the College of Nursing. Admission prerequisites are subject to change at any time. Students must contact NSU’s Ron and Kathy Assaf College of Nursing for the applicable B.S.N. program admission requirements.

Nursing Pathway Major General Education Requirements (41 credits)

| | |
|-------------|---|
| UNIV 1000 | First Year Experience (3 credits) |
| COMP 1500 | College Writing (3 credits) <u>OR</u> COMP 1500H College Writing Honors (3 credits) |
| COMP 2000 | Advanced College Writing (3 credits) <u>OR</u> COMP 2000H Advanced College Writing Honors (3 credits) |
| MATH 1040 | Algebra for College Students (3 credits) <u>OR</u> MATH 1200 Precalculus Algebra (3 credits) |
| MATH 2020 | Applied Statistics (3 credits) <u>OR</u> MATH 2020H Applied Statistics Honors (3 credits) |
| BIOL 2400 | Applied Microbiology (3 credits) |
| CHEM 1100 | Fundamentals of Chemistry <u>OR</u> higher (3 credits) |
| PSYC 1020 | Introduction to Psychology (3 credits) <u>OR</u> PSYC 1020H Introduction to Psychology Honors (3 credits) |
| PSYC 2350 | Life-Span Human Development (3 credits) <u>OR</u> PSYC 2350H Life-Span Human Development Honors |
| Two courses | Any ARTS, DANC, FILM, HIST, HUMN, LITR, MUSC, PHIL, SPAN, THEA, WRIT or foreign language (6 credits) |

Nursing Pathway Major Prerequisite Courses (15 Credits)

| | |
|-----------|---|
| BIOL 1500 | Biology I/Lab (4 credits) |
| BIOL 2350 | Human Nutrition (3 credits) |
| BIOL 3320 | Anatomy and Physiology I/Lab (4 credits) |
| BIOL 3330 | Anatomy and Physiology II/Lab (4 credits) |

Majors

BACHELOR OF SCIENCE IN NURSING LEARNING OUTCOMES

The goal of the Nova Southeastern University Bachelor of Science in Nursing degree program is to graduate nurses prepared to:

- Integrate knowledge, theory, and evidence-based research into current nursing practice.
- Assume a leadership role as the registered professional nurse in health care systems and different community settings.
- Engage in activities for continued professional growth.

Program Outcomes

- Exhibit leadership that supports health care policies that promote safe quality nursing care within complex health care systems.
- Integrate evidence-based practices that support decision-making in the delivery of nursing care.
- Evaluate the effectiveness of patient and family centered nursing care based on nursing theories and evidence-based practice.
- Incorporate the concepts derived from liberal education to build an understanding of the human experience.
- Incorporate technology and information management to promote a safe practice environment.
- Engage in inter-professional collaboration to improve population health while considering fiscal and material resources in the delivery of safe nursing care.
- Integrate legal, ethical and professional values within generalist nursing practice.
- Collaborate with the inter-professional health community to provide competent patient and family centered care in health promotion and disease/injury prevention.

NSU's undergraduate Pre-Nursing Program is designed for students who wish to apply to NSU's Entry Nursing program (B.S.N.) and complete the general education and prerequisite program admission requirements at the university. These prerequisite courses are offered by NSU's Halmos College of Arts and Sciences and the Guy Harvey Oceanographic Research Center.

BACHELOR OF SCIENCE IN NURSING—ENTRY AND ACCELERATED B.S.N. TRACK

The Entry B.S.N. track is designed for students who are seeking initial licensure as a registered nurse. Upon completion of ACON credit requirements, the student is awarded a Bachelor of Science degree in Nursing (B.S.N.) and is eligible to make application to sit for the national licensure examination for registered nurses (NCLEX-RN®). Eligible students are reviewed for admission, following completion of a minimum of 56 credit hours (or equivalent quarter hours) of specific undergraduate coursework. This coursework may be completed at a community college or another university.

The remainder of the 64 credit hours are completed within five terms in the nursing program. Each term is a combination of didactic and clinical courses. The department requires matriculants to complete the entire program. Individual requests for advanced placement, transfer of credit, or credit for experiential learning will be reviewed in line with college requirements. The Accelerated B.S.N. program is offered on the Fort Myers campus and the Miami campus.

Entry and Accelerated B.S.N. Track Curriculum

Students in the Bachelor of Science in Nursing—Entry B.S.N. and Accelerated B.S.N. track are required to take 45 credit hours of general education coursework; 11-12 credit hours of prerequisites; and 64 credit hours of designated nursing courses, resulting in a total of 120-121 credit hours necessary for graduation.

General Education Requirements (45 credits)

Students are required to complete 30 credit hours as part of the General Education Program. For specific course requirements, refer to the "General Education Program" section on page 94 of this catalog. Students must complete the General Education Program requirements before matriculating into the Bachelor of Science in Nursing—in Nursing—Entry B.S.N. Program.

Prerequisite Requirements (11-12 credits)

In addition to completing 45 General Education Requirements, students must complete 11-12 credit hours of prerequisites coursework.

Bachelor of Science in Nursing—Entry B.S. in Nursing Major Requirements (64 credit hours)

Students must complete all pre- and co-requisite nursing courses prior to enrolling in NUR 4180.

| | |
|----------|--|
| NUR 3029 | Foundations of Health Assessment (3 credits) |
| NUR 3032 | Foundations of Pathophysiology (3 credits) |
| NUR 3149 | Nursing Seminar I (1 credit) |
| NUR 3130 | Foundations of Professional Nursing Practice (6 credits) |
| NUR 3159 | Nursing Seminar II (1 credit) |
| NUR 3160 | Introduction to Professional Nursing (2 credits) |
| NUR 3161 | Fundamentals of Pharmacology (3 credits) |
| NUR 3169 | Nursing Seminar III (1 credit) |
| NUR 3171 | Adult Nursing I (6 credits) |
| NUR 3179 | Nursing Seminar IV (1 credit) |
| NUR 3181 | Adult Nursing II (6 credits) |
| NUR 3189 | Nursing Seminar V (1 credit) |
| NUR 4020 | The Nurse as a Leader and Manager (3 credits) |
| NUR 4101 | Theory and Research Foundations for Professional Nursing (3 credits) |
| NUR 4111 | Adult Nursing III (6 credits) |
| NUR 4121 | Psychiatric-Mental Health Nursing (3 credits) |
| NUR 4131 | Women's Health and Newborn Nursing (3 credits) |
| NUR 4132 | Pediatric Nursing (3 credits) |
| NUR 4152 | Population Health Nursing (3 credits) |
| NUR 4180 | Nursing Practicum (6 credits) |

Shepard Broad College of Law

Shepard Broad College of Law

Dean's Message



Welcome to NSU's Shepard Broad College of Law. Founded in 1974, the College of Law has continuously offered the Juris Doctorate, a first-professional degree enabling our graduates to practice law throughout the United States. Over 130 judges have graduated from the college along with thousands of attorneys, business professionals, and leaders in many other disciplines across South Florida and across the nation.

In 2002, the College of Law added the Master of Science program for non-lawyers, educating professionals in education law, health law, employment law, and law and policy on the impact of law in various disciplines. Non-lawyers thus benefit from the legal expertise of the College's faculty and staff.

The College of Law expanded its education of non-lawyers in 2018, when we became one of a handful of U.S. law schools to offer an undergraduate education. Our first programs have focused on paralegal studies, enabling undergraduate students to earn a major, minor, or certificate in this field.

In 2022, the paralegal studies major became one of three concentrations in our new B.S. in Law program. B.S. in Law undergraduates can also select concentrations in health law or in law, science, and technology. The B.S. in Law program also offers a minor in law, science, and technology. The B.S. in Law classes, taught by law professors, offers undergraduates an opportunity to learn about the law while giving them skills to secure jobs upon graduation. Many B.S. in Law students value the exposure to the law as undergraduates because they plan to go on to law school. The College of Law undergraduate minor and major programs enable students to study in their fields of interest and learn how the law shapes and informs that field. The study of law includes strong interdisciplinary themes that reinforce and complement the University's offerings in business, science, arts, and humanities.

Most importantly, at the heart of any legal education is a twin focus on critical problem solving and justice. Students of the law seek to understand how to solve people's problems and provide fair, just, and equitable outcomes when resolving conflict. For undergraduates, our programs allow you an opportunity to immerse yourselves in these issues.

Many of our J.D. students began as dual-admission undergraduates, coming from every possible undergraduate discipline, and we are thrilled to offer these foundational and advanced courses to students from every corner of the University.

On behalf of our faculty and staff, I welcome you to learn more about the College of Law and how you can make it a part of your educational path.

A handwritten signature in black ink, reading "José R. Juárez, Jr." with a stylized flourish at the end.

José Roberto (Beto) Juárez, Jr.
Dean and Professor of Law, Shepard Broad College of Law

Shepard Broad College of Law Board of Governors

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Harsh Arora Nelson Mullins

The Honorable Catalina M. Avalos, '96 The 17th Judicial Circuit of Florida

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Sharon Kergerreis Berger Berger Singerman, LLP

Paul D. Bianco, J.D., Ph.D. FLEIT Intellectual Property Law

Lorna E. Brown-Burton, '87 Lubell | Rosen

The Honorable Robert F. Diaz, '84
The 17th Judicial Circuit of Florida

The Honorable Kal Le Var Evans, '03
The 17th Judicial Circuit of Florida

Phil Feldman Feldman Law, P.A.

Paul Finizio, '83 The Finizio Law Group

Julio E. Gonzalez, Jr. Chief, Public Corruption & Special Investigations, Broward State Attorney

Fatima Hassan Fiducia Law

Gordon James III

Veresa Jones Adams, '03 ROIG Lawyers

Robert W. Kelley, '81 Kelley Uustal PLC

Rick Latta Weston Financial Advisors

The Honorable Melanie G. May, '81

The Fourth District Court of Appeal

Douglas M. McIntosh, '81 (Chair)

Segal McCambridge Singer & Mahoney

James Fox Miller Boise Schiller & Flexner, LLP

Robin Sobo Moselle, '91 Robin Moselle, P.A., Marilyn Moskowitz

Gerald (Jerry) M. Morris, '77

Marla Neufeld Greenspoon Marder

Keith Poliakoff Government Law Group

David W. Singer, '80 David W. Singer & Associates, P.A.

Gary M. Singer, '01 Law Firm of Gary M. Singer

Alison F. Smith, '03 Weiss Serota Helfman Cole+Bierman

Michelle K. Suarez, '13 Florida Entrepreneur Law, P.A.

Charles M. Tatelbaum (Vice Chair) Tripp Scott, P.A.

George J. Taylor, '12 Brinkley Morgan

Sean F. Thompson, '04 Liberman Cabrera Thompson & Reitman, PLLC

Howard L. Wander, '87 Kelley Kronenberg

Eric M. Yesner, '16 Gray Robinson

Jay A. Ziskind, '83

Mission Statement

The mission of the College of Law is “To ensure that students develop the knowledge, skills, and values that are at the heart of becoming trusted, highly adept, professional lawyers who are respected for serving clients, their communities, and justice.” NSU Law’s values include:

- Respect for the law and the importance of lawyers in a free society
- Excellence in teaching that serves the students and their learning needs
- High standards of ethics and professionalism
- Evolution of the competencies lawyers need in an ever-changing world
- Support of successful entry and advancement in the bar and other professions
- Assumption of leadership roles and service to the community

Introduction to the College

For more than 50 years, the Shepard Broad College of Law has been an innovator in legal education. The juris doctor (J.D.) program curriculum emphasizes highly practical curriculum and training so graduates are ready to serve clients immediately upon graduation. The online Master of Science program enables professionals to supplement their career by earning degrees in education law, employment law, health law, and law and policy with specialty concentrations in these fields and in cross-cutting areas such as cybersecurity law. The undergraduate program in law offers students marketable skills and the classes are a valuable complement to many other undergraduate majors. Undergraduates can choose a major, minor, or certificate so they can tailor the educational experience to their professional goals.

The Shepard Broad College of Law is at the forefront of clinical legal education, guaranteeing every J.D. student a live-client experience through in-house clinics. A wide array of field placements provides on-site placements with government agencies, nonprofit companies,

and law firms. Every student can spend an entire semester in one of six full-semester clinics or field placements. Dispute Resolution Clinic, Children and Families Law Clinic, Criminal Justice Field Placement Clinic, the Adults with Intellectual and Developmental Disabilities Law Clinic, and the Sharon and Mitchell W. Berger Entrepreneur Law Clinic provide specialized practice training while the Civil Field Placement Clinic allows a student to participate in the legal field of her or his own choice.

Special programs available at the College of Law include dual-degree programs with many of NSU's other 17 colleges; dual-degree programs abroad in Rome, Barcelona, or Prague; concentrations in Health or International Law; degree and semester-abroad programs; and much more.

The College of Law's faculty members, students, and staff members recognize the importance of law as an instrument of social justice, empowerment, and community engagement. Our program melds doctrine, skills, and ethical concerns to produce graduates who are both skilled and caring, and to produce scholarship that advances our understanding of the law.

Major

LAW MAJOR

The Bachelor of Science in Law prepares students with the foundational aspects of law essential for many professions involving aspects of the law, including providing support for lawyers, working for government agencies, policy making, human resource management, compliance specialists, and intellectual property, to name a few. The major also provides a strong foundation for those interested in pursuing a law degree (J.D.). Students can choose from three concentrations to prepare students for employment in a wide range of law-related careers: (1) paralegal studies, (2) law, science, and technology, and (3) health law.

The paralegal studies concentration in the Bachelor of Science in Law is approved by the American Bar Association. A paralegal, as defined by the American Bar Association, is "a person qualified by education, training, or work experience, who is employed or retained by a lawyer, law office, corporation, governmental agency or other entity, and who performs specifically delegated substantive legal work for which a lawyer is responsible." The program prepares students for entry-level paralegal positions in the common areas of law practice. Paralegals are non-lawyers, and therefore, are prohibited from the unauthorized practice of law. This program trains paralegals and is not a program for training lawyers or legal administrators. Students pursuing a Paralegal Studies concentration in the Bachelor of Science of Law degree in Paralegal Studies are required to submit a paralegal portfolio at an exit interview with the program coordinator prior to degree conferral.

Current NSU students pursuing a non-paralegal studies concentration in the undergraduate degree can concurrently register for the Post-Baccalaureate Certificate in Paralegal Studies.

Law Major Objectives

The objectives of the B.S. in Law are to:

1. Provide students with a broad-based education in both liberal arts and law related courses.
2. Provide law major courses that enable students to obtain substantive legal knowledge, develop analytical thinking, and stimulate critical thinking skills to identify, and adapt to legal issues.
3. Prepare students to understand and follow legal and ethical guidelines, to promote professionalism and civility in the community.
4. Familiarize students with law major concentrations and career opportunities available to them upon completion of the major.

Law Major Learning Outcomes

A successful B.S. in Law graduate is expected to:

1. Explain the legal doctrines, concepts, and associated principles of the United States legal system, with specific emphasis on constitutional law, administrative law, and business organizations.
2. Use legal research and reasoning skills to categorize, organize, prioritize, and evaluate complex legal issues.
3. Evaluate and explain legal issues addressing heightened-need law and policy making.

Law Major Curriculum

General Education Requirements (30 credits)

Students are required to complete 30 credit hours as part of the General Education Program. For specific course requirements, refer to the “General Education Program” section on page 94 of this catalog.

Law Major Requirements (54 credits)

Core Courses (15 credits)

| | |
|-----------|--|
| ULAW 1150 | Introduction to Law and the Legal Profession (3 credits) |
| ULAW 2100 | Legal Research Methods and Reasoning (3 credits) |
| ULAW 2500 | Elements of Constitutional Law (3 credits) |
| ULAW 2600 | Administrative Law (3 credits) |
| ULAW 3400 | Business Relations and Organizations (3 credits) |

Paralegal Concentration Courses (15 credits)

| | |
|-----------|---|
| ULAW 3050 | Criminal Law and Procedure (3 Credits) |
| ULAW 3260 | Real Estate Practice and Procedure I (3 Credits) |
| ULAW 3300 | Torts and Civil Litigation (3 Credits) |
| ULAW 3360 | Wills, Trusts, and Estates I (3 Credits) |
| ULAW 4800 | Advanced Practicum in Paralegal Studies (3 Credits) |

Students in the paralegal concentration are required to submit a paralegal portfolio at an exit interview with the program chair prior to degree conferral. The American Bar Association requires that a minimum of 9 semester credits of coursework be taken in synchronous format.

Law, Science, and Technology Concentration Courses (15 credits)

| | |
|-----------|---|
| ULAW 3600 | Introduction to Intellectual Property (3 Credits) |
| ULAW 3601 | Federal Privacy Law (3 Credits) |
| ULAW 3602 | Social Values for Law, Science, and Technology (3 Credits) |
| ULAW 3603 | Electronic Commerce and Digital Trade (3 Credits) |
| ULAW 3604 | Cyber Law and Modern Mass Communications Policy (3 Credits) |

Health Law Concentration Courses (15 credits)

| | |
|-----------|---|
| ULAW 3700 | Law of Patients’ Rights and Health Care Ethics (3 credits) |
| ULAW 3750 | Law of Medicare and Medicaid (3 credits) |
| ULAW 3800 | Law of Accreditation and Licensing (3 credits) |
| ULAW 3850 | Regulatory Compliance in the Health Care Industry (3 credits) |
| ULAW 3900 | Disability Law (3 credits) |

Major Electives within the College of Law (24 credits)

Paralegal concentration students must select 24 credits from the following courses, a maximum of 6 credits of which can be in Special Topics courses, and a maximum of 6 credits of which can be in Internship courses:

| | |
|-----------|--|
| ULAW 3550 | Family Law (3 credits) |
| ULAW 4050 | Advanced Practices in Criminal Law (3 credits) |
| ULAW 4060 | Debtor and Creditor Relations (3 credits) |
| ULAW 4110 | Legal Research and Writing II (3 credits) |
| ULAW 4270 | Real Estate Practice II (3 credits) |
| ULAW 4310 | Advanced Litigation (3 credits) |
| ULAW 4370 | Wills, Trusts, and Estates II (3 credits) |
| ULAW 4410 | Corporate Regulation and Change (3 credits) |
| ULAW 4470 | Emerging Technologies and the Legal Profession (3 credits) |
| ULAW 4560 | Elder Law (3 credits) |
| ULAW 4600 | Pleadings and the Courts (3 credits) |
| ULAW 4700 | Immigration Law (3 credits) |
| ULAW 4900 | Special Topics in Paralegal Studies (3 credits) |
| ULAW 4950 | Internship in Paralegal Studies (3 credits) |

Major Electives from Other Colleges for Law, Science, and Technology and Health Law concentrations (24 credits)

Paralegal concentration electives cannot be chosen from this list:

| | |
|------------|---|
| CRJU 2400 | Court Systems and Procedures |
| CRJU 3100 | Juvenile Delinquency |
| CRJU 3220 | Policing |
| CRJU 3300 | Corrections in America |
| CRJU 3400 | Criminal Investigations |
| CRJU 3700 | The CSI Effect: Media and Criminal Justice |
| HDFS 3200 | Child Welfare, Law, and Social Policy |
| HONR 1010E | The US Supreme Court & the Cultural Revolution: Studying the Legacy of the Warren Court |
| HONR 2010B | Deciphering Pluralism in the Law |
| HONR 2010P | Honors Seminar: Law and Literature |
| HONR 2020C | You Be the Judge |
| HS 3420 | Advocating for Individuals with Special Needs |
| PADM 1000 | Introduction to Public Administration |
| PSYC 2450 | Forensic Psychology |
| PSYC 3270 | The Psychology of Criminal Behavior |
| SPAN 3400 | Spanish for the Legal Professions |

Minors

LAW, SCIENCE, AND TECHNOLOGY MINOR

The minor prepares students in non-legal majors to understand the rules and policies that govern creative work in the arts and industrial works in computer science, business, technology and health industries. The minor provides a strategic advantage for candidates entering into these professional fields. The minor develops the students' critical reasoning and communication skills while introducing the building blocks of the twenty-first century creative economy. This minor can be combined with any major and minor except the concentration in Law, Science, and Technology in the Bachelor of Science in Law degree and paralegal studies post-baccalaureate certificate.

Although this minor is offered by the College of Law, only the professional J.D. degree prepares students for the practice of law and only the concentration in Paralegal Studies in the Bachelor of Science in Law degree or the Paralegal Postbaccalaureate Certificate provide students the training to become a paralegal.

Law, Science, and Technology Minor Requirements (18 credits)

| | |
|-----------|---|
| ULAW 1150 | Introduction to Law and the Legal Profession (3 Credits) |
| ULAW 3600 | Federal Privacy Law (3 Credits) |
| ULAW 3601 | Introduction to Intellectual Property (3 Credits) |
| ULAW 3602 | Social Values for Law, Science, and Technology (3 Credits) |
| ULAW 3603 | Electronic Commerce and Digital Trade (3 Credits) |
| ULAW 3604 | Cyber Law and Modern Mass Communications Policy (3 Credits) |

PARALEGAL STUDIES MINOR

The paralegal studies minor is designed to introduce students to the most common areas of law encountered in a legal and business context. The minor is not designed to encompass the entire range of skills needed in the paralegal profession. It is not a program for training paralegals and is not approved by the American Bar Association. The minor is an enhancement for those students pursuing other law-related careers or business careers and who desire to understand the federal and state legal systems to broaden their legal knowledge and skills. This minor can be combined with any major and minor except the concentration in paralegal studies in the Bachelor of Science in Law degree and paralegal studies post-baccalaureate certificate.

Paralegal Studies Minor Requirements (18 credits)

Core Courses (6 credits)

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|-----------|--|
| ULAW 1150 | Introduction to Law and the Legal Profession (3 credits) |
| ULAW 2100 | Legal Research Methods and Reasoning (3 credits) |

Minor Electives (12 credits)

Select 12 credit from the following courses:

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|-----------|--|
| ULAW 3050 | Criminal Law and Procedure (3 credits) |
| ULAW 3260 | Real Estate Practice I (3 credits) |
| ULAW 3300 | Torts and Civil Litigation (3 credits) |
| ULAW 3360 | Wills, Trusts, and Estates I (3 credits) |
| ULAW 3400 | Business Relations and Organizations (3 credits) |
| ULAW 3550 | Family Law (3 credits) |

Certificate Program

POST-BACCALAUREATE CERTIFICATE IN PARALEGAL STUDIES

The Post-Baccalaureate Certificate in Paralegal Studies program is approved by the American Bar Association (ABA). A paralegal, as defined by the American Bar Association, is “a person, qualified by education, training or work experience, who is employed or retained by a lawyer, law office, corporation, governmental agency, or other entity, and who performs specifically delegated substantive legal work for which a lawyer is responsible.” The goal of the program is to prepare students for entry-level paralegal positions in the common areas of law practice. Paralegals are nonlawyers and therefore are prohibited from the unauthorized practice of law. This program trains paralegals and is not a program for training lawyers or legal administrators.

The Post-Baccalaureate Certificate in Paralegal Studies is open only to NSU students who are not completing the B.S. in Law major. This certificate is not available to non-NSU students. Students in this post-baccalaureate certificate program in Paralegal Studies are required to submit a paralegal portfolio at an exit interview with the program chair prior to certificate conferral. The American Bar Association requires that a minimum of 9 semester credits of coursework be taken in synchronous format. This certificate can be pursued by non-paralegal concentration students either subsequent to or simultaneously with a non-paralegal undergraduate degree. The baccalaureate degree must be awarded prior to the award of the Post-Baccalaureate Certificate in Paralegal Studies.

Students admitted to the Post-Baccalaureate Certificate in Paralegal Studies program may transfer up to 12 credits of “legal specialty” courses taken at an American Bar Association approved program. A course considered for transfer must have been taken no longer than five years prior to entry into the Paralegal Studies Post-Baccalaureate Certificate program, must be substantially similar to an existing NSU paralegal studies course, must have been passed with a grade of “C” or higher, and must be approved by the paralegal studies program coordinator.

Current NSU students pursuing a non-paralegal studies concentration in the undergraduate degree can concurrently register for the Post-Baccalaureate Certificate in Paralegal Studies.

Paralegal Studies Post-Baccalaureate Certificate Learning Outcomes:

A successful paralegal studies post-baccalaureate certificate graduate is expected to:

1. Explain the basic theories, doctrines, concepts, and associated principles that comprise the knowledge base of law, with specific emphasis on torts, contracts, wills and trusts, civil procedure, litigation, family law, business organizations, real estate, and criminal law.
2. Demonstrate basic legal research and critical thinking skills used to categorize, organize, prioritize, and evaluate legal issues.
3. Prepare documents (e.g., memos, case briefs, correspondence, and pleadings) that meet professional legal standards.

Paralegal Studies Post-Baccalaureate Certificate Requirements (30 credits)

| | |
|-----------|--|
| ULAW 1150 | Introduction to Law and the Legal Profession (3 credits) |
| ULAW 2100 | Legal Research Methods and Reasoning (3 credits) |

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| ULAW 2200 | Computer Applications for the Legal Profession (3 credits) |
| ULAW 3050 | Criminal Law and Procedure (3 credits) |
| ULAW 3260 | Real Estate Practice I (3 credits) |
| ULAW 3300 | Torts and Civil Litigation (3 credits) |
| ULAW 3360 | Wills, Trusts, and Estates I (3 credits) |
| ULAW 3400 | Business Relations and Organizations (3 credits) |
| ULAW 3550 | Family Law (3 credits) |
| Any 4000-level ULAW course (3 credits) | |

Federal Disclosures:

Visit law.nova.edu/paralegal-certificate/ for details on this certificate program, including occupations the program prepares students to enter; on-time graduation rates; expected program lengths; tuition and fees; typical costs for books, supplies, room and board; post-completion job placement rate; and students' median loan debt.