New York Institute of Technology Academic Catalogs 2024–2025

Welcome to New York Institute of Technology's online course catalog. Use this searchable resource to find detailed information about all of our schools, colleges, and degree programs, including descriptions of the faculty and courses. You will also note resources such as student activities and global programs that enhance and expand life at New York Institute of Technology.

Browse all courses

Our Campuses

Long Island

Northern Boulevard
P.O. Box 8000
Old Westbury, NY 11568-8000
516.686.1000

New York City

1855 Broadway
(at 61st Street)
New York, NY 10023-7692
212.261.1500

Jonesboro, Arkansas

NYITCOM at Arkansas State University
P.O. Box 119
State University, AR 72467
870.972.2786

Vancouver, Canada

2925 Virtual Way, Suite 310
Vancouver, BC
Canada V5M 4X5
604.639.0942

For Library information, visit nyit.edu/library.

New York Tech's online bookstore, created in partnership with Akademos, Inc. and powered by TextbookX, operates completely online and can be visited at nyit.textbookx.com. Students can order online and have their textbooks shipped to their home or campus; digital course material access is provided via email.

New York Institute of Technology Statement on Non-Discrimination

New York Institute of Technology does not discriminate in admissions, access to, operation of, treatment, or employment in its programs and activities on the basis of race, creed, color, national or ethnic origin, sex, gender, gender identity, gender expression, age, mental or physical disability, sexual orientation, genetic information, religion, pregnancy, veteran status, marital status, citizenship or any other basis protected by applicable local, state, or federal law.

Moreover, New York Tech prohibits any such discrimination as set forth in its Non-Discrimination and Discriminatory Harassment Policy. This policy includes information on reporting discrimination and on New York Tech's applicable grievance processes.

The following person has been designated to handle inquiries and complaints, which may be made at any time, regarding all forms of discrimination including Section 504 of the Rehabilitation Act of 1973 and Title IX of the Education Act of 1972:

> **Melissa D. Wallace, Esq.**
> Equity Officer and Title IX Coordinator
> New York Institute of Technology
> Tower House, Room 106
> Old Westbury, NY 11568
> 516.686.1080
> titleix@nyit.edu

For additional contacts and resources, visit nyit.edu/titleix.

Individuals may also contact the U.S. Department of Education's Office for Civil Rights.

No person is authorized to make any representations or promises on behalf of the college other than those contained in this official catalog.

NEW YORK TECH

New York Institute of Technology is an equal-opportunity/affirmative-action employer. New York Institute of Technology reserves the right to delete any course described in this catalog for any reason and cannot guarantee enrollment into specific sections of desired courses. The college also reserves the right to effect any other changes in the curriculum, administration, tuition and fees, or any other phase of school activity without notice. The college expects each student to know and understand the information presented in this catalog.

THE NEW YORK INSTITUTE OF TECHNOLOGY CATALOG 2024–2025 is published by the Office of Enrollment Management and Strategic Communications, Northern Boulevard, P.O. Box 8000, Old Westbury, NY 11568-8000. All rights reserved.

Undergraduate Students 2024–2025 Catalog: Table of Contents

About New York Institute of Technology

- Accrediting Agencies
- Administration
- Board of Trustees

- Campus Security
- Faculty Directory
- Fast Facts

Admissions

- Admissions: Undergraduate Students

Academics and Enrollment

- Academic Calendars
- Advising and Academic Success
- Campus Maps

- Honors and Awards
- General Education Curriculum

Student Services

- Alumni Placement
- Career Success and Experiential Education
- Counseling and Wellness Services
- Experiential Education

- First-Year Programs
- Student Employment
- Student Life

Academic Policies

- Academic Standing
- Change of Major, Minor, or Campus
- Grades and Credits
- Graduation
- HEGIS and CIP Code Directory

- Incomplete Grades Calendar
- Registration
- Student Status
- Undergraduate Students in Graduate Courses

Financial Aid

- Financial Aid: Undergraduate Students

Tuition and Financial Policies

- Add/Drop Refund Policy
- Collection Agency Fees
- Completion of Payments
- Cooperative Work-Study Programs

- Tuition and Fees
- Tuition Refund Insurance Plan
- Withdrawal/Dismissal Refund Policy

Other New York Institute of Technology Policies

- Notice of New York Institute of Technology Policies and Procedures
- New York Institute of Technology Policies Affecting Students

- New York Institute of Technology Statement on Non-Discrimination
- Family Educational Rights and Privacy Act Annual Notice and Directory Information

Schools and Colleges

- College of Arts and Sciences
- College of Engineering and Computing Sciences
- College of Osteopathic Medicine

- School of Architecture and Design
- School of Health Professions
- School of Management

Course Descriptions

- Courses and Prefixes

Help

Advising or Academic Help

The Office of Undergraduate Academic Advising offers comprehensive academic advising preparation, providing students with essential curriculum information and advisement resources. New York Tech and each of its schools and colleges are also committed to assisting you.

- Advising Services
- List of Advisors and Schedules
- Semester Maps

Printing Help

You can print the catalog in sections by visiting our print page or download a full PDF version.

Contact Us

New York Institute of Technology welcomes your feedback. To contact us, please email sc@nyit.edu.

General Information

About New York Institute of Technology

- Fast Facts
- Accrediting Agencies
- Administration

- Faculty Directory
- Board of Trustees

Admissions

- Admissions: Graduate Students
- Admissions: Undergraduate Students

Academics and Enrollment

- Academic Calendars
- Advising and Academic Success
- General Education Curriculum

- Honors and Awards
- Campus Maps

Student Services

- Career Success and Experiential Education
- Student Employment
- Alumni Placement
- Experiential Education

- Counseling and Wellness Services
- First-Year Programs
- Student Life

General Information

Academic Calendar – New York Campuses

Fall 2024 (September 4 – December 21)

April 4

Registration for Fall, and Cycles A and B begins. Students may register online 24/7 at the Student Service **HUB**. Advisor approval required to register.

September 2

No classes scheduled. Administrative offices closed.

September 4

Fall and Cycle A classes begin.

September 4 – 10

Cycle A add/drop period.

September 4 – 17

Fall add/drop period.

Sep. 11 – Oct. 22

Cycle A withdrawal period.

Sep. 18 – Dec. 12

Fall withdrawal period.

September 27

Last day to apply for December 2024 graduation. Students must apply online at the Student Service **HUB**.

October 7

Academic advisement begins for Intersession, Spring, and Cycles C and D.

October 14

No day classes scheduled. Evening classes meet. Administrative offices closed.

October 22

Last day to withdraw from a Cycle A class.

October 23 – 24

Cycle A final exams.

October 24

Last day to satisfy incomplete grades earned in Cycle D 2024.

October 28

Cycle B classes begin.

Oct. 28 – Nov. 3

Cycle B add/drop period.

Nov. 4 – Dec. 19

Cycle B withdrawal period.

November 6

Faculty development day. No classes scheduled. Labs held at the discretion of faculty members.

November 7

Priority online registration for Intersession, Spring, and Cycles C and D for current students. Current students can register on their assigned enrollment date.

November 14

Open registration for Intersession, Spring, and Cycles C and D for current and new students.

Nov. 27 – Dec. 1

No classes scheduled. Administrative offices closed.

December 2

Fall and Cycle B classes resume. Administrative offices open.

December 10, 12, 13

Makeup period for day classes only. Evening classes meet.

December 11

Classes meet in lieu of November 6.

December 12

Last day to withdraw from a Fall (non-cycle) class.

December 16 – 21

Fall final exams.

December 19

Last day to withdraw from a Cycle B class.

December 20 – 21

Cycle B final exams.

December 21

Last day to satisfy incomplete grades earned in Spring 2024 and Summer 2024 (all sessions).

Intersession 2025 (January 2 – 15)

November 7

Registration for Intersession begins. Students may register online 24/7 at the Student Service **HUB**. Advisor approval required to register.

January 2

Intersession classes begin.

January 2 – 3

Intersession add/drop period.

January 4 – 14

Intersession withdrawal period.

January 14

Last day to withdraw from an Intersession class.

January 15

Intersession final exams.

Spring 2025 (January 21 – May 17)

November 7

Registration for Spring, and Cycles C and D begins. Register online at the Student Service **HUB**. Online registration available 24/7. Advisor approval required to register.

January 20

No classes scheduled. Administrative offices closed.

January 21

Spring and Cycle C classes begin.

January 21 – 27

Cycle C add/drop period.

Jan. 21 – Feb. 3

Spring add/drop period.

Jan. 28 – Mar. 11

Cycle C withdrawal period.

Feb. 4 – May 8

Spring withdrawal period.

February 14

Last day to apply for May 2025 graduation. Students must apply online at Student Service **HUB**.

February 17

No classes scheduled. Administrative offices closed. Monday classes meet on February 18.

February 18

Tuesday follows Monday schedule.

March 3

Academic advisement begins for Summer, Fall, and Cycles A and B.

March 5

Faculty development day. No classes scheduled. Labs held at the discretion of faculty members.

March 11

Last day to withdraw from a Cycle C class.

March 12 – 13

Cycle C final exams.

March 13

Last day to satisfy incomplete grades earned in Cycle A 2024.

March 15 – 23

Spring recess. No classes scheduled.

March 21

Administrative offices closed.

March 24

Spring semester resumes.

March 26

Cycle D classes begin.

Mar. 26 – Apr. 1

Cycle D add/drop period.

March 28

Last day to apply for August 2025 graduation. Students must apply online at Student Service **HUB**.

Apr. 2 – May 15

Cycle D withdrawal period.

April 3

Registration for Summer begins for current and new students. Priority online registration for Fall, and Cycles A and B begins. Current students can register on their assigned enrollment date.

April 10

Open registration for Fall, and Cycles A and B for current and new students.

May 7

Classes meet in lieu of March 5.

May 8

Last day to withdraw from a Spring (non-cycle) class.

May 8 – 9

Makeup period for day, evening, and graduate classes.

May 12 – 17

Spring final exams.

May 15

Last day to withdraw from a Cycle D class.

May 16 – 17

Cycle D final exams.

May 17

Last day to satisfy incomplete grades earned in Cycle B 2024 and Intersession 2025.

May 18

New York Institute of Technology Commencement

Summer 2025 (May 21 – August 29)

April 3

Registration for Summer sessions begins. Register online at the Student Service **HUB**. Online registration available 24/7. Advisor approval required to register.

May 21 – Jun. 18

Summer Session I (Four-Week Courses)

- May 21 – 23: Add/drop period.
- May 24 – Jun. 16: Withdrawal period.
- June 16: Last day to withdraw from a class in this session.
- June 17 – 18: Final exams.

May 21 – Jul. 2

Summer Session I (Six-Week Courses)

- May 21 – 23: Add/drop period.
- May 24 – Jun. 30: Withdrawal period.
- June 30: Last day to withdraw from a class in this session.
- July 1 – 2: Final exams.

May 21 – Aug. 29

Summer Session III (Fourteen-Week Courses)

- May 21 – Jun. 3: Add/drop period.
- Jun. 4 – Aug. 24: Withdrawal period.
- August 24: Last day to withdraw from a class in this session.
- August 25 – 29: Final exams.

May 26

No classes scheduled. Administrative offices closed.

June 19

No classes scheduled. Administrative offices closed.

July 4

No classes scheduled. Administrative offices closed.

Jul. 9 – 30

Summer Session II (Four-Week Courses)

- July 9 – 11: Add/drop period.
- July 12 – 28: Withdrawal period.
- July 28: Last day to withdraw from a class in this session.
- July 29 – 30: Final exams.

Jul. 9 – Aug. 13

Summer Session II (Six-Week Courses)

- July 9 – 11: Add/drop period.
- Jul. 12 – Aug. 11: Withdrawal period.
- August 11: Last day to withdraw from a class in this session.
- August 12 – 13: Final exams.

August 29

Last day to satisfy incomplete grades earned in Fall 2024 and Cycle C 2025.

For previous calendars, please see Catalog Archive.

Academic Calendar – Vancouver Campus

Fall 2024 (September 3 – December 16)

July 8

Registration for Fall 2024 opens for current students. Register online at the Student Service **HUB**.

July 9

Registration for Fall 2024 opens for new students. Register online at the Student Service **HUB**.

August 27 – 30

New student orientation.

September 2

Labour Day (CAN). Campus closed. No classes scheduled.

September 3

Fall term and classes begin.

September 3 – 16

Add/drop period. Late registration is permitted.

September 3

Late payment fee: A non-refundable fee is applied to any account not paid in full after this date.

September 3

Late registration fee: A non-refundable fee is applied to continuing students who register after this date.

Sep. 17 – Dec. 9

Withdrawal period.

September 27

Last day to apply for December 2024 graduation. Students must apply online at the Student Service **HUB**.

September 30

National Day for Truth and Reconciliation. Campus closed and no classes scheduled.

October 14

Thanksgiving Day (CAN). Campus closed. No classes scheduled.

October 26

Class of 2024 New York Tech-Vancouver Commencement. Administrative offices are closed.

November 11

Remembrance Day (CAN). Campus closed and no classes scheduled.

December 9

Last day to withdraw from a fall course. Student and instructor signatures required on withdrawal form.

December 10 – 16

Fall final exams.

December 16

Last day of classes.

December 16

Last day to satisfy incomplete grades earned in Spring 2024 and Summer 2024.

December 23

Grades submission deadline.

Dec. 17 – Jan. 19

No classes scheduled.

Spring 2025 (January 20 – May 5)

January 2

Registration for Spring 2025 opens for current students. Register online at the Student Service **HUB**.

January 3

Registration for Spring 2025 opens for new students. Register online at the Student Service **HUB**.

January 14 – 17

New student orientation.

January 20

Spring term and classes begin.

January 20 – 31

Add/drop period. Late registration and program changes are permitted.

January 20

Late payment fee: A non-refundable fee is applied to any account not paid in full after this date.

January 20

Late registration fee: A non-refundable fee is applied to continuing students who register after this date.

Feb. 1 – Apr. 28

Withdrawal period.

February 14

Last day to apply for May 2025 graduation. Students must apply online at the Student Service **HUB**.

February 17

BC Family Day. No classes scheduled. Administrative offices closed.

March 28

Last day to apply for August 2025 graduation. Students must apply online at the Student Service **HUB**.

April 18

Good Friday. No classes scheduled. Administrative offices closed.

April 21

Easter Monday. No classes scheduled. Administrative offices closed.

April 28

Last day to withdraw from a spring course. Student and instructor signatures required on withdrawal form.

April 28

Registration for Summer 2025 opens for current students. Register online at the Student Service **HUB**.

April 29

Registration for Summer 2025 opens for new students. Register online at the Student Service **HUB**.

Apr. 29 – May 5

Spring final exams.

May 5

Last day of classes.

May 12

Grades submission deadline.

May 6 – 19

No classes scheduled.

Summer 2025 (May 20 – July 14)

April 28

Registration for Summer 2025 opens for current students. Register online at the Student Service **HUB**.

April 29

Registration for Summer 2025 opens for new students. Register online at the Student Service **HUB**.

May 13 – 16

New student orientation.

May 19

Victoria Day. Campus closed. No classes scheduled.

May 20

Summer term begins.

May 20

Late payment fee: A non-refundable fee is applied to any account not paid in full after this date.

May 20

Late registration fee: A non-refundable fee is applied to continuing students who register after this date.

May 20 – 26

Add/drop period. Late registration and program changes are permitted.

May 27 – Jul. 7

Summer Withdrawal period.

July 1

Canada Day. Campus closed. No classes scheduled.

July 7

Last day to withdraw from a summer course. Student and instructor signatures required on withdrawal form.

July 8 – 14

Summer final exams.

July 14

Summer term and classes end.

July 21

Grades submission deadline.

August 4

B.C. Provincial Day. Campus closed. No classes scheduled.

August 29

Last day to satisfy incomplete grades earned in Fall 2024.

August 26 – 29

New student orientation for Fall 2025 term.

For previous calendars, please see Catalog Archive.

Advising and Academic Success

New York Institute of Technology offers students a wide range of advising and academic support services and programs. These services range from supplemental academic programs available to specific students, to resources available to all undergraduate students including academic advising, tutoring, and enrichment programs. Students are encouraged to take advantage of the available services that are designed to assist students in successfully achieving their academic and career goals at New York Tech.

Arthur O. Eve Higher Education Opportunity Program (HEOP):
New York Institute of Technology sponsors and administers the Arthur O. Eve Higher Education Opportunity Program (HEOP) on the New York City campus in conjunction with the New York State Education Department. To be eligible for the program, students must be New York State residents whose educational experience and economic status indicate a need for academic and financial assistance to complete a college degree. The program provides a wide range of support that includes a five-week summer program for all incoming first-year students, strengthening of study skills, tutoring, individual and group counseling, and financial assistance. Participation requires enrollment in a full-time program at the New York City campus. Transfer students may be considered if they were admitted to HEOP, EOP, or SEEK/CD at their previous institution. For additional information, please visit nyit.edu/heop.

Peer Success GUIDE Program:
At New York Tech, we are committed to helping our students succeed. The Peer Success GUIDE Program pairs new undergraduate, transfer, and first-year students with a Peer Success Guide (PSG). Once students have enrolled in classes, they will be contacted by their PSG who will provide them with both social and academic support during their transition to New York Tech, and throughout the entire first year. PSGs will also direct students to the many services and resources we have to offer and invite them to attend various events on campus. They will be available to meet with students and answer any questions they may have, and will plan special activities which will be a great opportunity for students to interact with peers at New York Tech. We recognize that transitioning to college can be difficult for many reasons and the Peer Success GUIDE Program is here to help! To learn more, visit nyit.edu/psg.

Academic Advising

New York Institute of Technology recognizes that academic advising is a critical component of the educational experience. As a result, a range

of advising resources are available to assist students in creating meaningful educational plans that are compatible with their career goals. These resources include advisors from the Office of Undergraduate Academic Advising (UAA), faculty advisors, peer advisors, and a comprehensive website with tools such as semester maps, advisement preparation guidelines, and how-to guides.

In order to ensure all curriculum requirements are being satisfied, students are required to meet with an advisor before registration each semester. Although advisors guide students through this process, the student must assume final responsibility for conforming to all college regulations and completing degree requirements.

First-Year and Second-Year Academic Advising:
Students in their first and second year are assigned an advisor from the Office of Undergraduate Academic Advising (UAA). In addition to providing course selection guidance throughout their first two years, UAA advisors discuss career plans, degree requirements and progress, introduce academic resources, and assist students with online course registration. For those requiring a placement exam, first-semester advisement occurs following exam completion. Students transition to a faculty or staff advisor associated with their major for advisement after their second year, though proactive UAA support continues throughout their time as an undergraduate student.

My Guide to Success @ New York Tech:
Transitioning from high school to college can be challenging, different, and exciting, all at the same time. This course prepares first-year students as much as possible by providing them with direct insight into things such as common terms used at New York Tech, improving time management and study skills, and making students aware of what to expect in college. This course is uniquely designed to ensure a smooth transition to New York Tech and provide students with the tools and resources to succeed as a new college student.

Faculty Advisor:
As students enter their third year, they will meet with a faculty or staff advisor associated with their major for academic advisement. Faculty and staff advisors support students with their educational planning, provide career-related advice, and guide students on research, internship, or similar enrichment opportunities. Advisor schedules are available at nyit.edu/advising/find_an_advisor.

Office of Undergraduate Academic Advising (UAA)

The Office of Undergraduate Academic Advising offers advisement support and resources, as well as academic progress services and programs to undergraduate students.

UAA Advisors are professional, generalist advisors who serve as first-year and second-year advisors to incoming and transfer students. Additionally, though junior and senior students receive primary advisement from assigned faculty or staff within their academic departments, UAA advisors provide supplemental advising and graduation planning support to all undergraduate students. Students who need assistance with major exploration are also encouraged to visit UAA to receive guidance on academic major options as well as the change-of-major process. For additional information, please visit nyit.edu/advising.

Peer Advisors (PAs) are undergraduate upperclassmen who work under the supervision of UAA and provide support to undergraduate students in matters related to advisement and registration. Peer Advisors assist with the explanation of degree requirements, planning of future coursework, and navigation of online tools such as the Student Service **HUB**, schedule planning tools, and online registration. Peer Advisors also assist students with adjusting to university life by helping them become familiar with the policies and procedures outlined in the course catalog and student handbooks. For additional information, please visit nyit.edu/advising/peer_advising.

Academic Check:
Each semester, progress reports are requested for students who may benefit from additional attention or support, such as first-year and second-year students, new transfers, and students on academic probation. Once received, UAA advisors connect with the student to discuss their progress, positive or negative, based on the faculty's feedback. Additional resources are suggested, as needed, in order to help students achieve success.

Support for Students on Academic Probation:
Students who are placed on academic probation are notified of their standing via email from the Office of the Registrar. Each student is required to meet with an academic support advisor from the Office of Undergraduate Academic Advising (UAA) to create an individualized plan for academic success and is further encouraged to utilize campus resources (advising, tutoring, and counseling) to improve their academic standing. Students on academic probation are required to meet with an academic support advisor prior to registering for classes or making schedule changes.

Early Alert Initiative:
The Early Alert Initiative allows faculty and staff to identify students who are demonstrating unsatisfactory progress or concerning academic behavior in their course (e.g., low in-progress grades, academic disengagement, or high rates of absenteeism) during the semester. UAA advisors receive the alert and follow up with the student to address the underlying issues that may be affecting their academic performance, create a plan for academic success, and/or refer the student to an appropriate department. Learn more about the Early Alert Initiative.

In addition to offering advising support, the UAA team is committed to providing enrichment services and programs that help students reach their academic and career goals.

Academic Support Services

Office of Academic Success and Enrichment (ASE)

The Office of Academic Success and Enrichment provides academic support services in several ways, including by overseeing the Learning Center, offering course-based and skill-based peer tutoring, both in-person and virtually, as well as Supplemental Instruction and the Peer Success GUIDE program at the Long Island and New York City campuses. ASE also provides convenient and accessible online resources that cover a number of important academic and student success skill topics, available via several Canvas courses and programs. For additional information, please visit nyit.edu/ase.

The Learning Center helps students meet their academic goals by providing free in-person and online tutoring. Experienced peer tutors offer assistance in one-on-one or small group settings. Learning Center peer tutors are available to meet with students in-person on both the New York City and Long Island campuses or virtually through a dynamic online tutoring platform. For additional information, please visit nyit.edu/learningcenter.

Supplemental Instruction (SI) is an academic support program that targets historically challenging courses in an effort to increase student performance for those who participate in the program. Students who have successfully completed one of these courses, and are recommended by the faculty, are chosen as SI leaders to facilitate regularly scheduled out-of-class SI sessions for students enrolled in the assigned course. SI sessions help further students' understanding of course concepts by reviewing notes, discussing readings, developing organizational tools, and preparing for examinations. For additional information, please visit nyit.edu/si.

Academic Skills Workshops are available to help students develop and/or strengthen academic skills that are essential for success in college and after. Our professional staff are available to work with students, one-on-one or in a small group setting, on skills such as time management, effective learning/study techniques, and test taking skills. These workshops highlight foundational skills to help students find success outside of course content. For additional information, please visit nyit.edu/ase.

Academic Department Services

In addition to services provided by the Office of Academic Success and Enrichment (ASE), students can receive discipline-specific academic support services coordinated by academic departments as well.

The **Math Resource Center** provides free help with all math courses, including placement assistance, WebAssign homework support, exam preparation, and background information. Patient and caring faculty from the math department provide tutorial assistance for all levels of mathematics. We deal with any anxiety you may be experiencing as well as the math concepts. Students are seen by appointment (preferred) or drop-in. For additional information, visit nyit.edu/tutoring or email mrc@nyit.edu.

The **Writing Center** provides tutorial assistance for all types of writing assignments and tasks. Students are encouraged to visit the Writing Center to speak with professors of English about their writing assignments. The faculty will help brainstorm for assignments, review drafts, develop ideas, and address grammar questions. For additional information, visit nyit.edu/tutoring.

The **CoECS Programming Center** offers free peer-tutoring to help students in a number of computer science courses. Students can schedule one-time sessions or weekly recurring tutoring appointments. Sessions take place through zoom, to allow for easy access and meeting times. For additional information, visit nyit.edu/tutoring or email coecsgrad@nyit.edu.

Office of Military and Veterans Affairs

New York Tech's Office of Military and Veterans Affairs focuses on establishing innovative programs and services that foster a culture of individual student success, inclusion, and academic achievement for all military-connected students.

The department takes a holistic approach to address and mitigate the stress related to the transition from military to civilian life. Prospective students receive assistance with admissions, enrollment, and VA benefit applications and process. Programs and initiatives focus on identifying and addressing persistence inhibitors that affect the military-connected community.

New York Tech's Student Veteran Organization provides peer-to-peer support and services for fellow veterans and sponsors special veteran-related events. Our nationally recognized chapter affords the military community access to an established network of student veterans and the opportunity to build and cultivate friendships.

Nancy Borchers, School Certifying Official
Joel Acevedo, Associate Director of Military and Veteran Affairs

View additional information about veteran admissions

Graduate Students

Advisement

Each student is assigned an advisor for assistance in structuring a program. New York Institute of Technology posts a list of program advisors at registration time. The student's advisor is available for help and guidance, and the advisor's approval is required for each registration. Students are ultimately responsible for conforming to all college regulations and completing curriculum requirements.

Program Loads

Graduate programs can be full-time and part-time. At New York Institute of Technology, full-time is defined as a minimum of nine credits per semester at the graduate level. Graduate students enrolled in less than nine credits are part-time. U.S. Immigration and Naturalization Department regulations require international students with F-1 visas to pursue a full-time course of study.

Course Offerings and Locations

The courses in this catalog represent academic offerings for each discipline. Specific courses are given in accordance with student demand. The complete schedule of courses, which includes section listings, times, and locations, is available online.

Accrediting Agencies

New York Institute of Technology is accredited by the Middle States Commission on Higher Education, 1007 North Orange St., Wilmington, DE 19801, msche.org.

The Middle States Commission on Higher Education is an institutional accrediting agency recognized by the U.S. Secretary of Education and the Council for Higher Education Accreditation (CHEA). Email us at selfstudy@nyit.edu with any comments or questions.

Learn more about our Middle States Accreditation

New York Institute of Technology is chartered by the Board of Regents of the University of the State of New York. For details, contact:

New York State Department of Education
Office of Higher Education
Room 979, Education Building Addition
Albany, NY 12234
518.474.5851

Academic Accrediting Agencies

For review of documents describing institutional or specific discipline-based accreditations, contact the Office of Research, Assessment, and Decision Support (planningandassessment@nyit.edu).

The Middle States Commission on Higher Education (MSCHE) for the entire university. For details, contact:

Middle States Commission on Higher Education
1007 North Orange St.
4th Floor, MB #166
Wilmington, DE 19801

AACSB International (The Association to Advance Collegiate Schools of Business) for the School of Management's Bachelor of Science, Master of Business Administration, Executive M.B.A., and Master of Science programs. For details, contact:

AACSB International
777 South Harbour Island Blvd., Suite 750
Tampa, FL 33602 USA
813.769.6500

Accreditation Council for Occupational Therapy Education (ACOTE) of the American Occupational Therapy Association (AOTA) for occupational therapy. For details, contact:

American Occupational Therapy Association, Inc.
7501 Wisconsin Ave., Suite 510E
Bethesda, MD 20814-6519
301.652.2682

Accreditation Review Commission on Education for the Physician Assistant, Inc. (ARC-PA) for physician assistant programs. For details, contact:

Accreditation Review Commission on Education for the Physician Assistant, Inc.
12000 Findley Road, Suite 150
Johns Creek, GA 30097
770.476.1224

AOA Commission on Osteopathic College Accreditation (COCA) for NYIT College of Osteopathic Medicine. For details, contact:

AOA Commission on Osteopathic College Accreditation
142 E. Ontario St.
Chicago, IL 60611
800.621.1773

Commission on Accreditation in Physical Therapy Education (CAPTE) for physical therapy. For details, contact:

Commission on Accreditation in Physical Therapy Education
1111 N. Fairfax St.
Alexandria, VA 22314-1488
703.684.APTA (2782)

Commission on Collegiate Nursing Education (CCNE) for nursing. For details, contact:

Commission on Collegiate Nursing Education
655 K Street, NW Suite 750
Washington, DC 20001
202.887.6791

Computing Accreditation Commission (CAC) of ABET for the computer science program on the Long Island and New York City campuses. For details, contact:

Computing Accreditation Commission of ABET
111 Market Place, Suite 1050
Baltimore, MD 21202-4012
410.347.7700

Council for Accreditation of Counseling and Related Educational Programs (CACREP) for the Master of Science in School Counseling. For details, contact:

Council for Accreditation of Counseling and Related Educational Programs
1001 North Fairfax Street, Suite 510
Alexandria, VA 22314
703.535.5990
703.739.6209 (fax)

Council for the Accreditation of Educator Preparation (CAEP) for Master of Science in Instructional Technology, Educator and Professional Trainers Program; Master of Science in Early Childhood Education, Initial/Professional Certificate; Master of Science Childhood Education, Initial/Professional Certificate. For details, contact:

Council for the Accreditation of Educator Preparation
1140 19 STNW, Suite 400
Washington, DC 20036
202.223.0077

Council for Interior Design Accreditation (CIDA) for interior design. For details, contact:

Council for Interior Design Accreditation
206 Grandville Avenue, Suite 350
Grand Rapids, MI 49503
616.458.0400

Engineering Accreditation Commission (EAC) of ABET for programs in electrical and computer engineering on the Long Island and New York City campuses, and mechanical engineering on the Long Island campus. For details, contact:

Engineering Accreditation Commission of ABET
111 Market Place, Suite 1050
Baltimore, MD 21202-4012
410.347.7700

Engineering Technology Accreditation Commission (ETAC) of ABET for electrical and computer engineering technology on the New York City campus. For details, contact:

Engineering Technology Accreditation Commission of ABET
111 Market Place, Suite 1050
Baltimore, MD 21202-4012
410.347.7700

National Architectural Accrediting Board (NAAB) for the Bachelor of Architecture. For details, contact:

National Architectural Accrediting Board
1101 Connecticut Ave, NW, Suite 410
Washington, DC 20036
202.783.2007

Regional/Global Accrediting Agencies

China

New York Institute of Technology offers Ministry of Education in China-approved programs in partnership with:

- Communication University of China (Beijing): undergraduate programs in business administration as well as undergraduate and graduate programs in communication arts, digital art and design
- Jiangxi University of Finance and Economics (Nanchang): AACSB-accredited Master of Business Administration (M.B.A.) program
- Nanjing University of Posts and Telecommunications (Nanjing): undergraduate programs in computer science, communication arts, business administration, and electrical and computer engineering
- Shandong Institute of Business and Technology (Yantai): two NYIT School of Management undergraduate programs

Vancouver

In British Columbia, Canada, NYIT-Vancouver is authorized by the Ministry of Post-Secondary Education and Future Skills and is among British Columbia's EQA-designated Post-Secondary Schools.

Administration and Faculty

Administration
(As of July 2024)

Henry C. "Hank" Foley, Ph.D.
President

Jerry R. Balentine, D.O., FACEP, FACOEP
Provost and Executive Vice President

Donald Booth, B.S., R.A.
Vice President, Capital Planning and Facilities

Catherine R. Flickinger, J.D.
General Counsel and Vice President, Human Resources

Brian Harper, M.D., M.P.H.
Vice President, Equity and Inclusion;
Chief Medical Officer and Associate Professor

Barbara J. Holahan, M.B.A., C.P.A.
Vice President, Financial Affairs;
CFO and Treasurer

Patrick Minson, Ed.D., M.B.A., M.P.A.
Vice President, Development, Alumni Relations, and External Affairs

Joseph Posillico, Ed.D., C.P.A.
Vice President, Enrollment Management and Strategic Communications

Pennie Turgeon, M.B.A.
Vice President, Information Technology and Chief Information Technology Officer

Academic Leadership

Jerry R. Balentine, D.O., FACEP, FACOEP
Provost and Executive Vice President

Jared Littman, Ph.D.
Vice Provost, Research

Francesca Fiore, Ed.D.
Associate Provost, Academic Affairs

Francine S. Glazer, Ph.D.
Associate Provost, Educational Innovation;
Director, Center for Teaching and Learning

Tiffani Hinds M.Ed.
Associate Provost, Student Engagement and Development

Sheri E. Kelleher, Ed.D.
Assistant Provost, Academic Affairs

Charles N. Moore, Ph.D
Dean, College of Arts and Sciences

Babak Beheshti, Ph.D.
Dean, College of Engineering and Computing Sciences

Nicole Wadsworth, D.O., FACEP, FACOEP
Dean, College of Osteopathic Medicine
Interim Dean, School of Health Professions

Maria R. Perbellini, M.Arch., AAIA, OAI
Dean, School of Architecture and Design

Jaishankar Ganesh, Ph.D.
Dean, School of Management

Irene Young, Ed.D.
Executive Director and Campus Dean, Vancouver

Monika Rohde, M.A.
Senior Associate Dean, Undergraduate Student Success and Advising

Ian White, Ed.D.
Registrar

See the complete directory of faculty and department staff

New York Institute of Technology Board of Trustees

(As of April 2024)

Catherine A. Allen
Founder and CEO
The Santa Fe Group

Andrew Berner
President
Jetton General Contracting

Domenick Chieco (B.S.A.T. '89)
Co-Chairman, Board of Directors
Milrose Consultants

Philip Fasano* (B.S. '80)
Chief Executive Officer
Recuro Health

Peter A. Ferentinos
Chief Executive Officer
Qualco Inc.

Dan Ferrara (D.O. '86) [Vice Chair]
Northeast Regional President
Alteon Health

Hank Foley, Ph.D.
President
New York Institute of Technology

Henry Iervolino (B.S. '82)
President and CEO
HJI Real Estate Management, LLC

Santhosh I. Keshavan
Executive Vice President and Chief Information Officer
Voya Financial

John R. Keville (B.S. '88)
Managing Partner
Sheppard Mullin

Michael J. Merlo [Vice Chair]
Former Chief Credit Officer
Signature Bank

Ted Moudis (B.S.A.T. '80)
Founder and Senior Principal
Ted Moudis Associates

Patrick M. O'Shaughnessy (D.O. '99)
President and Chief Executive Officer
Catholic Health

Monte N. Redman (B.S. '81)
Former President and Chief Executive Officer
Astoria Bank

Peter J. Romano (B.Arch. '76) [Chair]
President
Peter J. Romano & Company

Kevin D. Silva*
Executive Vice President and Chief Human Resources Officer
Voya Financial

Thomas Van Laan (M.B.A. '84)
CEO
CloudCalc Inc.

Deborah Verderame* (B.Arch. '83)
Principal
Verderame | Cale Architecture, PLLC

Debra Vogel (A.A.S. '85)
President and CEO
Paradigm Management, LLC

Eli Wachtel (B.S. '72)
Co-CIO and Founding Member
Wachtel Capital LLC

Robert A. Wild, Esq.
Chairman/Founding Partner
Garfunkel Wild, PC

** Trustee Emeritus*

Admissions: Undergraduate Students

We seek to extend educational access to members of all groups and are proud of the diversity that has become synonymous with New York Tech.

An applicant is admitted to New York Tech based on their educational preparedness and ability to be academically successful. We conduct a comprehensive evaluation of each applicant's school records, essays, and recommendations. **Effective spring 2021, standardized testing will be optional for most programs.** First-year applicants may submit the results of either the SAT or ACT as supplemental material for consideration by the Admissions Committee. Some academic programs may still require standardized test scores, so please review individual program requirements. We encourage you to visit our beautiful campuses and make arrangements to meet with an admissions counselor, either in-person or virtually.

Students who wish to enroll at New York Tech for the purpose of earning a degree, diploma, or certificate must complete an application for matriculated status. Such an application is not binding to a specific school, course of study, or campus. The college reserves the right to refuse matriculation for specific New York Institute of Technology schools or majors. Transfer students desiring matriculation will be evaluated on the basis of prior coursework. Students are admitted to New York Tech for the fall or spring semesters, but may enroll in summer courses once admitted.

Students may be required to take placement exams in English or math to determine the level of math and/or English courses to take in the first semester. Students will be contacted via email with what is required. If they are not required to take a placement exam, they will be able to sign up for an advisement appointment to register for classes.

Transfer students are exempt from the English placement exam if they receive transfer credit for the first required college composition course. Transfer students are exempt from the math placement exam if they receive transfer credit for the first math course required in their major or if they are enrolled in a major that requires only "mathematics choice."

Admissions Procedures

- First-Year Students
- Transfer Students
- International Students
- Reenrollment/Readmission of Former Students
- Requirements for a Second Bachelor's Degree

How to Apply to New York Tech

- Application >

- More About Admissions >

First-Year Students

Applicants who are still in high school, who have not completed any college work subsequent to receiving their high school diploma or equivalent, or who completed fewer than 24 college credits are considered *first-year* students for the purposes of admissions and must complete the following admissions procedures for undergraduate students (special procedures may apply to international applicants):

- **Completed Application:** Complete the Common Application or the New York Tech Online Application. An application must be submitted to the Office of Admissions for all academic programs. Applications are considered in the order received as long as space in the program of your choice is available.
  Apply as a first-year student
- **Application Fee:** A $50 (U.S.) nonrefundable application fee, payable to New York Tech, is required as part of your application submission. Fee may be waived with an official waiver from your college advisor or a New York Tech advisor.
- **Transcripts:** Submit your final, official transcripts directly to the Office of Admissions. This includes high school transcripts; AP, IB, and A-Level test scores; transcripts for any college-level coursework; and proof of degree from all schools and colleges previously attended. Unofficial copies are accepted for admission. Final, official transcripts must be received prior to or close to the start of your first semester. Some financial aid programs such as New York State TAP may require submission of materials prior to the end of the semester. In the event that official transcripts are not received by the end of the first semester, students will not be permitted to register for future semesters and may have their financial aid canceled.
- **Standardized Test Scores:** For students submitting test scores, scores from the SAT or ACT exams should be sent directly to the Office of Admissions. The New York Tech college code for the SAT is 2561 and for the ACT is 2832.
  - Veteran students who have completed at least 36 months of active duty service and have been honorably discharged, or currently serve as active duty, reserve, or National Guard, are exempt from this requirement at the discretion of the Dean/Program Director of the specific program.
- **Letter of Recommendation:** At least one letter of recommendation is required for all applications (certain programs require additional letters of recommendation). For those students not submitting standardized test scores, two letters of recommendation should be submitted. The purpose of these letters is to add strength to an application, especially during the scholarship review process. You may use the recommendation form in the Common Application, New York Tech Application, or the recommender may provide a separate letter.
- **Essay:** In 300–350 words, tell us about your career goals and why attending New York Tech would further these goals, or describe an achievement of which you are most proud and why. If you are applying to New York Tech's occupational therapy, osteopathic medicine, nursing, physician assistant studies, or physical therapy programs, explain your desire to work in this field. If you are not submitting standardized test scores, in addition to your essay, please submit a graded essay from one of your classes. An additional essay prompt may be required for international applicants without a graded essay in English.
- **Admission Decision:** Candidates for admission to New York Tech receive notification of the decisions made by the Office of Admissions on a rolling basis. As files are completed, decisions are made and sent. Students will automatically be considered for merit scholarships after submitting a completed application. In some cases, the Admissions Committee may defer making a final decision until it has received a report of the candidate's midterm grades, additional standardized scores, or verification of volunteer hours. Upon acceptance of an offer of admission, candidates are required to pay a $200 nonrefundable deposit to secure a position in the entering class, which will be credited toward the first semester's tuition. Admitted students are required to submit completed health forms prior to the first day of classes, and those seeking financial aid are recommended to furnish the university with a Social Security number for identification purposes. Enrolled students should submit their final, official transcripts, and all other required admission materials, to the Office of Admissions prior to the start of classes but no later than the end of their first semester. Failure to provide these final documents will result in registration holds and may result in cancelation of financial aid. The Office of Admissions reserves the right to rescind offers of admission.

Applicants to all colleges and universities in New York State who were born on or after January 1, 1957, must provide written evidence of immunization against mumps, measles, and rubella or demonstrate that they are entitled to an exemption from this legal requirement.

New York Tech may waive some of the entrance requirements for applicants based on the discretion of the Office of Admissions or academic departments.

Transfer Students

Applicants who have completed 24 or more college credits since receiving their high school diploma or equivalent are considered *transfer* students for the purposes of admissions and must complete the following admissions procedures for undergraduate students (special procedures may apply to international applicants):

- **Completed Application:** Complete the Common Application or the New York Tech Online Application. An application must be submitted to the Office of Admissions for all academic programs. Applications are considered in the order received as long as space in the program of your choice is available.
  Apply as a transfer student
- **Application Fee:** A $50 (U.S.) nonrefundable application fee, payable to New York Tech, is required as part of your application submission. Fee may be waived with an official waiver from your college advisor or a New York Tech advisor.

- **Transcripts:** Submit final, official transcripts to the Office of Admissions from all colleges you have attended (even if you are not seeking transfer credit or your GPA falls below the minimum requirement for your intended program of study). This includes official AP, IB, and A-Level test scores. Unofficial copies are accepted for admission. Final, official transcripts should be received prior to or close to the start of your first semester. Some financial aid programs such as New York State TAP may require submission of additional materials prior to the end of the semester. In the event that official transcripts are not received by the end of the first semester, the students will not be permitted to register for future semesters and may have their financial aid canceled. If your transcripts are in a language other than English, you must submit an official English translation through one of the following:
    - World Education Services (WES)
    - Globe Language Services
    - New York Tech-recognized evaluation agencies

  If you have attended college overseas, you need to have your educational credentials evaluated by a National Association of Credential Evaluation Services (NACES) member organization. See approved agencies listed above. Possible transfer credit will be determined upon admission to New York Tech and receipt of the course-by-course evaluation.

- **Letter of Recommendation:** At least one letter of recommendation is required for all applications (certain programs require additional letters of recommendation). The purpose of these letters is to add strength to an application, especially during the scholarship review process. You may use the recommendation form in the Common Application, New York Tech Application, or the recommender may provide a separate letter.
- **Essay:** Required if applying for any biological or chemical sciences degree, and recommended for other programs. In 300 to 350 words, tell us about your career goals and why attending New York Tech would further them, or describe an achievement of which you are most proud and why. If you are applying to the nursing program, tell us why you are interested in studying this program and why you are choosing this as a career field.
- **Admission Decision:** Candidates for admission to New York Tech receive notification of the decisions made by the admissions office on a rolling basis. Students will automatically be considered for merit scholarships after submitting a completed application. In some cases, the Admissions Committee may defer making a final decision until it has received a report of the candidate's midterm grades, additional standardized scores, or verification of volunteer hours. Upon acceptance of an offer of admission, candidates are required to pay a $200 nonrefundable deposit to secure a position in the entering class, which will be credited toward the first semester's tuition. Admitted students also are required to submit completed health forms prior to the first day of classes, and those seeking financial aid are recommended to furnish the university with a Social Security number for identification purposes. Final, official transcripts should be received prior to or close to the start of your first semester. In the event that official transcripts are not received by the end of the first semester, students will not be permitted to register for future semesters and may have their financial aid canceled. The Office of Admissions reserves the right to rescind offers of admission.

New York Tech may waive some of the entrance requirements for applicants based on the discretion of the Office of Admissions or academic departments.

Credit Evaluation for First-Year and Transfer Students

Applicants to all campuses assume the responsibility of having previous schools send final, official transcripts to the Office of Admissions. The transfer of credits for first-year and transfer applicants will be considered using the following general rules:

- Transfer credit may be given for courses completed at an accredited college as recognized by the U.S. Department of Education, or other qualified institution acceptable to the standards of New York Tech. Students admitted to the Life Sciences, B.S./Osteopathic Medicine, D.O. (B.S./D.O. program) are not eligible for transfer credit.
- Courses must be appropriate to New York Tech curricula. Transfer credit for major courses is granted for equivalent coursework only. Substitutions may be considered in the core curriculum when coursework is from the same discipline.
- Courses not included in New York Tech curricula but relevant to the ultimate educational objectives of the student, may be allowed toward an elective requirement in a specific curriculum; however, transfer credit will not be awarded in excess of degree requirements.
- Credit may be granted for Advanced Placement (AP) exams taken in high school. Grades of 3, 4, and 5 are required for possible credit. An official score report from the College Board (New York Tech's college code is 2561) should be mailed to the Office of Admissions on Long Island or New York City campus.
    - For the combined health professions programs in Occupational Therapy, Physical Therapy, or Physician Assistant Studies, as well as the Nursing program, scores of 4 or 5 are required for possible credit for courses identified as prerequisites. AP scores of 5 are required to receive credit for biology, chemistry, mathematics, psychology, and statistics courses in the combined Physician Assistant Studies program.
- Credit may be granted for International Baccalaureate (IB) exams taken in high school. Grades of 4, 5, 6, or 7 on higher-level exams only are required for possible credit. Official IB exam results provided by the International Baccalaureate Organization should be mailed to the Office of Admissions on Long Island or New York City campus.
    - For the combined health professions programs in Occupational Therapy, Physical Therapy, or Physician Assistant Studies, as well as the Nursing program, scores of 5, 6, or 7 on higher-level exams only are required for possible credit for courses identified as prerequisites.
- Transfer credit is recorded as credit only and is not computed in the cumulative grade point average unless it becomes necessary in determining graduation honors. Credit for challenge examinations taken at an accredited college or university may be granted if recorded on an official transcript with credits and a grade of C- or better.
- Grades of C- or better are transferable. Pass grades earned during the spring 2020 semester meet this GPA threshold and are transferable to New York Tech. Grades of D+ and D are acceptable only under one of the following conditions:
    1. If the grades were earned in courses at a school where an associate's or bachelor's degree was completed with a 2.0 GPA and the

courses counted toward the degree.
2. If the grades were earned in courses at a school where at least 30 credits were completed with a 2.5 GPA.

Please note: Several undergraduate majors, such as business administration, engineering, and nursing, have minimum grade requirements for transfer courses. Students may be advised to retake classes in which they received C, C-, or D grades if seeking internships or admission to certain professional schools. D- grades are not transferable. Students will not be required to retake courses for which they received a Pass grade for the spring 2020 semester.

- Students transferring from an associate's degree program or two-year school are eligible for a maximum of 70 transfer credits. The maximum transfer credit for students transferring from a bachelor's program is the difference between the required 30 credits in residency at New York Tech (see Requirements for Graduation) and the total credits required for the New York Tech degree. For example, if a New York Tech degree requires 120 credits, students transferring from a bachelor's program are eligible for a maximum of 90 transfer credits.

Transfer credit for newly admitted students is evaluated by the Office of Admissions, following the above listed rules for the various types of credit. The transfer credit evaluation guidelines are applicable for all course delivery modes including online courses.

Prior Learning Evaluation Program

This special New York Tech program was designed to give undergraduate students the opportunity to earn credit for prior college-level learning relevant to their curriculum. Matriculated New York Tech students maintaining a 2.0 average are eligible to apply for credit, although transfer students must first have their college transcripts officially evaluated. Some majors, such as nursing or sciences, restrict the use of prior learning credit toward major requirements. Students should consult the Office of Prior Learning for details. Student knowledge gained outside the traditional college classroom may be evaluated by proficiency examinations, non-collegiate course evaluations, and portfolio evaluations. Please be aware that evaluation fees are charged.

A maximum of 60 credits toward a bachelor's degree or 30 credits toward an associate's degree can be earned through standardized proficiency examinations, New York Tech challenge examinations, and prior learning credits (non-collegiate coursework or portfolio); however, any credits earned through these methods cannot be used to fulfill New York Tech residency requirements. Counseling is available on an individual basis or at an advisement session. For more information, contact the Office of Prior Learning at 516.686.3898.

Students may use the portfolio method of evaluation to have their knowledge of a certain course or academic area evaluated. Requests for credit must fulfill a course requirement in a student's degree program. Each portfolio consists of an essay explaining how the student acquired this knowledge and how it relates to course objectives. New York Tech does require documentation of such learning, which may be in the form of work samples, detailed job descriptions, or licenses. A nonrefundable evaluation fee is charged for each portfolio. A Prior Learning Evaluation Guide containing more detailed information is available online, and may be obtained from the Office of Admissions at 516.686.3898.

Proficiency Examinations

Credit for degree requirements and elective courses can be earned with satisfactory scores on proficiency examinations. The College Level Examination Program (CLEP), Prometric's DSST program, Excelsior College Examinations, and NYU School of Professional Studies foreign language exams are standardized testing programs that cover numerous academic areas. New York Tech has developed its own challenge examinations in certain subjects not covered by CLEP, DSST, Excelsior, or NYU. Challenge examination information is available in the Office of the Registrar.

Non-collegiate Course Evaluations

The New York State Education Department's National College Credit Recommendation Service (National CCRS) and the American Council on Education (ACE) have evaluated and recommended credit for many non-collegiate courses. New York Tech honors these credit recommendations for elective credit and may award prior learning credit for required courses on this basis. Courses that have not been reviewed by National CCRS or ACE but meet certain criteria will also be evaluated on an individual basis by the college. Credit for military coursework and Military Occupational Specialties (MOS) may be granted. ACE has evaluated some of this coursework, and credit toward electives is awarded based upon the ACE recommendation. Certificates of completion and/or official Joint Services Transcripts (JST) should be sent to the evaluations office for the assessment of military coursework that may be credited toward a college degree.

Military-affiliated students who have completed at least 36 months of active duty service and have been honorably discharged, or currently serve on active duty, reserve, or National Guard, must submit a certificate of completion or Joint Service Transcript (JST). These students will be awarded a minimum of six prior learning credits to apply towards the Foundations of Speech Communication (FCSP 105) and Foundations of Inquiry (FCIQ 101) core requirements, in addition to any credits evaluated by way of the JST. Please note certain majors may have standards that will take precedence over this policy.

International Students

New York Tech welcomes students from other nations who show promise of benefiting from educational opportunities in the United States. The following guidelines are for prospective students residing outside the continental limits of the United States who wish to attend New York Tech:

- **Completed Application:** Complete the Common Application or the New York Tech Online Application. An application must be

submitted to the Office of Admissions for all academic programs. Applications are considered in the order received as long as space in the program of your choice is available.
Apply as an international student

- **Application Fee:** A $50 (U.S.) nonrefundable application fee, payable to New York Tech, is required as part of your application submission. Fee may be waived with an official waiver from your college advisor or a New York Tech advisor.
- **Deadlines:** Applications from international students must be received by New York Tech by December 1 for the spring semester and July 1 for the fall semester. Students who apply after those dates may be asked to defer their application to be considered for the next available semester. (These deadlines may be waived for applicants who reside in the United States.)
- **Transcripts:** Submit your final, official school records directly to the Office of Admissions. This includes certification of high school graduation, colleges, universities, normal, or technical schools high school transcripts; AP, IB, and A-Level test scores; transcripts for any college-level coursework; and proof of degree from all schools and colleges previously attended. Copies are accepted for admission. Final, official transcripts should be received prior to or close to the start of your first semester. Some financial aid programs such as New York State TAP may require submission of materials prior to the end of the semester. In the event that official transcripts are not received by the end of the first semester, students will not be permitted to register for future semesters and may have their financial aid canceled. Final, official documents must come directly from the university, ETS (for GRE or TOEFL scores), Pearson Vue (for GMAT), the British Council (IELTS), or Duolingo (for the English test).
- **English Proficiency:** Applicants are required to submit the International English Language Testing System (IELTS), the Test of English as a Foreign Language (TOEFL), as administered by the Educational Testing Service, the Pearson PTE Academic Exam, Duolingo English Test, or an examination deemed to be equivalent by the Office of Admissions.
    - The following minimum scores required for full admission to undergraduate programs are:
        - IELTS score: 6.0
        - TOEFL (iBT) score: 79
        - Pearson PTE score: 53
        - Duolingo score: 105
- **SEVIS:** Students who transfer from American colleges or universities must have their previous schools complete the SEVIS I-20 Transfer Form, which can be obtained online. Students must also furnish copies of all previous universities' I-20(s) and copies of their visa and I-94 (from their passport).
- **Affidavit of Support:** For the purpose of assuring New York Tech and the U.S. government that all necessary costs to maintain the student throughout their tenure at the university will be met, students must submit an original notarized Affidavit of Support form signed by a parent or other bona fide sponsor (form can be obtained directly from the Office of Admissions or online). This document needs to be notarized (witnessed and signed by a notary who is licensed by the government to witness signatures on legal documents).
- **Bank Statement for Financial Support:** Students must submit a bank statement with bank seal, from the student's own or a sponsor's bank, demonstrating financial support. Bank statements need to show specific amounts based on academic status (as listed on the Affidavit of Support available online).
- **I-20:** Upon receipt of all required material including the completed application, $50 application fee, official scholastic credentials and test scores, and, if applicable, proof of English proficiency, the Admissions Committee will review the qualifications of each applicant on an individual basis, and a decision regarding admission will be forwarded to the applicant. If the student has submitted a notarized Affidavit of Support and bank statements demonstrating sufficient financial support, the Admissions Committee will issue the I-20 with the notification of acceptance or shortly thereafter.
- **Admission Decision:** Candidates for admission to New York Tech receive written notification of the decisions made by the admissions office on a rolling basis. Students will automatically be considered for merit scholarships after submitting a completed application. Applicants will be automatically considered for merit scholarships. In some cases, the Admissions Committee may defer making a final decision until it has received a report of the candidate's midterm grades, additional standardized scores, or verification of volunteer hours. Upon acceptance of an offer of admission, candidates are required to pay a $200 nonrefundable deposit to secure a position in the entering class, which will be credited toward the first semester's tuition. Admitted students also are required to submit completed health forms prior to the first day of classes. Final, official transcripts should be received prior to or close to the start of your first semester. In the event that official transcripts are not received by the end of the first semester, students will not be permitted to register for future semesters and may have their financial aid canceled. The Office of Admissions reserves the right to rescind offers of admission.

New York Tech may waive some of the entrance requirements for applicants based on the discretion of the Office of Admissions or academic departments.

Also Note:

- Four years of study are generally necessary to acquire a bachelor's degree (five years for the Bachelor of Architecture degree), but New York Tech does not guarantee that any student will complete a program within this time. All international students with F-1 visas must be full-time day students.
- All students transferring from foreign institutions of higher learning will be required to have their educational credentials evaluated by an agency specializing in reviewing international transcripts. This agency must be acceptable to the standards of New York Tech, such as World Education Services or Globe Language Services. There is a fee for this evaluation service. Possible transfer credits will be determined by New York Tech after results of the course-by-course evaluation have been received. Students must provide course outlines and/or syllabi if available to facilitate credit transfer.
- Visit the Office of Residence Life and Off-Campus Housing for more information about residential facilities near the Long Island or New York City campuses.

Reenrollment/Readmission of Former Students

- Students who have stopped attending New York Tech for one semester, not including summer, and have not attended another institution do not need to apply for readmission. These students may return under the original catalog/curriculum of admission and must seek academic advisement from their department. Find the appropriate academic advisor to contact for additional information.
- Students who have been away for one semester and who have attended another institution must submit official transcript(s) in order to have those credits evaluated for transfer credits. Transcripts can be submitted to the Office of Admissions.
- Former students of New York Tech who have been away for two or more semesters must complete an application for readmission with the Office of Admissions along with the necessary supporting documentation and any applicable processing fees. Students are required to present all transcripts for evaluation at the time of readmission in order to receive any applicable transfer credit for work completed at another institution and to ensure proper academic advisement, scholarship, and financial aid eligibility.

Once readmitted to the college, students must fulfill the curriculum requirements in effect at the time of their readmission. Students readmitted after a break of five years or less (undergraduates must be within 30 credits of degree completion) may request approval to follow the program requirements in place at the time of their most recent admission/readmission. The academic dean responsible for the program will decide in this matter. Students readmitted after a break of more than five years (undergraduates must be within 30 credits of degree completion) may request approval to follow the program requirements in place at the time of their most recent admission/readmission. The Vice President for Academic Affairs (or designee) will decide in this matter. In all cases, NYSED regulations will guide these decisions.

Non-matriculated (Non-degree) Applicants

Regardless of whether you are enrolled at other institutions, you are welcome to enroll in the spring, summer, or fall semester, on a non-degree basis, and take up to 24 credits. You must first file an application for non-matriculated status, which can be obtained through the Office of Admissions.

Non-matriculated students may be admitted to individual courses if they meet the prerequisites for these courses. Students who initially enroll as non-matriculants may file for change of status with the Office of Admissions and are encouraged to apply for admission to the college. Students who do not have a Regents high school diploma or GED must first complete 24 credits as non-matriculated students, and if they are New York residents, file for a high school equivalency diploma with the state.

Campus Security

Campus safety and security do not just happen. They take the commitment and cooperation of every member of the university community, from students and faculty to staff and visitors. New York Tech takes the safety of those who study, live, and work on its campuses very seriously. Through the Office of Campus Security, the university strives to deter and respond to campus safety issues. Campus crime statistics as reported to the United States Department of Education may be obtained from the security offices listed below or from the United States Department of

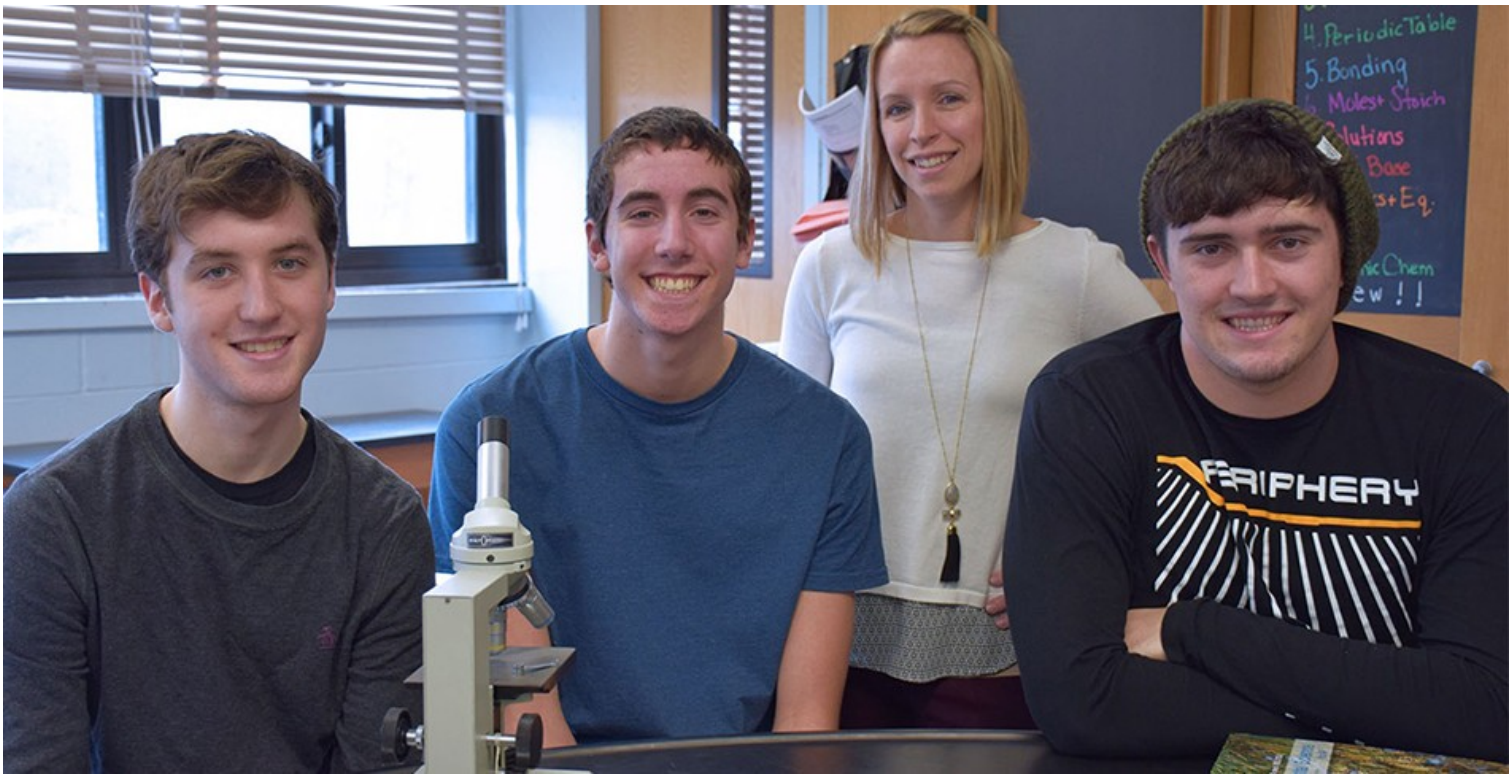
Education's website for campus crime statistics.

- **Long Island:** Director of Security, Simonson House, 516.686.7789, owsecurity@nyit.edu
- **New York City:** Director of Security, New Technology Building, 16 W. 61st St., Main Floor, 646.273.7789, mcsecurity@nyit.edu

Here for Your Protection

On each campus, students will find an Office of Campus Security that provides continuous, year-round security. These offices are staffed with private security officers who receive ongoing training throughout the year. These security professionals respond to a variety of calls for assistance, from medical emergencies to crimes in progress. Foot and vehicle patrols of campus grounds, buildings, and residence halls are made 24 hours a day on the Long Island campus. The New York City campus has security coverage at all times when the buildings are open. During these patrols, officers also report any conditions they notice that might pose a threat to campus security (such as broken windows or inoperative lights). In addition, the Office of Campus Security provides vehicle assistance to the college community for jump-starts and lockouts. If a student is in need of vehicle assistance, they should call security and give their location and vehicle description.

Undergraduate Core/General Education Curriculum



New York Institute of Technology adopted the 21st-century *Discovery Core Curriculum* in fall 2010. From 2010 to the present, New York Tech has offered courses under both the old core and new *General Education* curricula. Following is an explanation of new courses replacing old courses and the options available to incoming freshmen and current students for fulfilling their graduation requirements.

The core courses have three stages:

1. Foundation Courses
2. Interdisciplinary Seminars
3. Mathematics and Additional Science Courses

---

1. Foundation Courses

With the exception of the FCWR 300 series of professional communication courses, students take most foundation courses in their first year of study, and include:

- FCWR 101 Writing I: Foundations of College Composition
  or
  FCWR 111 Writing I: Foundations of College Composition for International Students
- FCWR 151 Writing II: Foundations of Research Writing
  or
  FCWR 161 Writing II: Foundations of Research Writing for International Students
- DATA 101 Making Sense of a Data-Oriented Society

Students will take one more foundation course in their junior year. There are four options for the Foundations of Professional Communication course (FCWR 301, 302, 303, 304). Academic advisors assist students in choosing the right option. Select one writing course (FCWR):

- FCWR 301 Communication for Business
- FCWR 302 Communication for Healthcare Careers
- FCWR 303 Communication for Arts and Design
- FCWR 304 Communication for Technical Professions

2. Interdisciplinary Seminars

Beginning in sophomore year, students who have successfully completed the first-year foundation courses will take four interdisciplinary seminars from at least three different categories: a) literature, b) behavioral science, c) social science, and d) philosophy/ethics. These courses all begin with **IC (interdisciplinary core)** and are followed by LT, BS, SS, and PH respectively, to indicate course topics. There are several seminars in each area to choose from. Please note: New courses are created each year, so students should check the catalog and course schedules for complete listings.

A. Select one literature course (ICLT). Students should check the catalog course descriptions and course schedules for complete listings. Two examples are provided here:

- ICLT 301 Contemporary American Immigrant Literature
- ICLT 302 Strange Creations: Literature, Intelligent Technology, and Ethics

B. Select one behavioral science course (ICBS). Students should check the catalog course descriptions and course schedules for complete listings. Two examples are provided here:

- ICBS 301 Cross-Cultural Aspects of Dating, Courtship, and Mate Selection Seminar
- ICBS 302 Intergroup Relations: Understanding, Prejudice, Stereotyping, and Discrimination

C. Select one social science course (ICSS). Students should check the catalog course descriptions and course schedules for complete listings. Two examples are provided here:

- ICSS 301 Seminar in Global Environmental History
- ICSS 303 The American Character: A Global Perspective

D. Select one philosophy course (ICPH). Students should check the catalog and course schedules for complete listings. Two examples are provided here:

- ICPH 301 The Philosophy of Human Nature
- ICPH 302 The Legacy of Socrates

Searching for Courses

When searching for new FC (foundation core) or IC (interdisciplinary core) courses online, use the following subject abbreviations:

FCWR Foundations of Writing

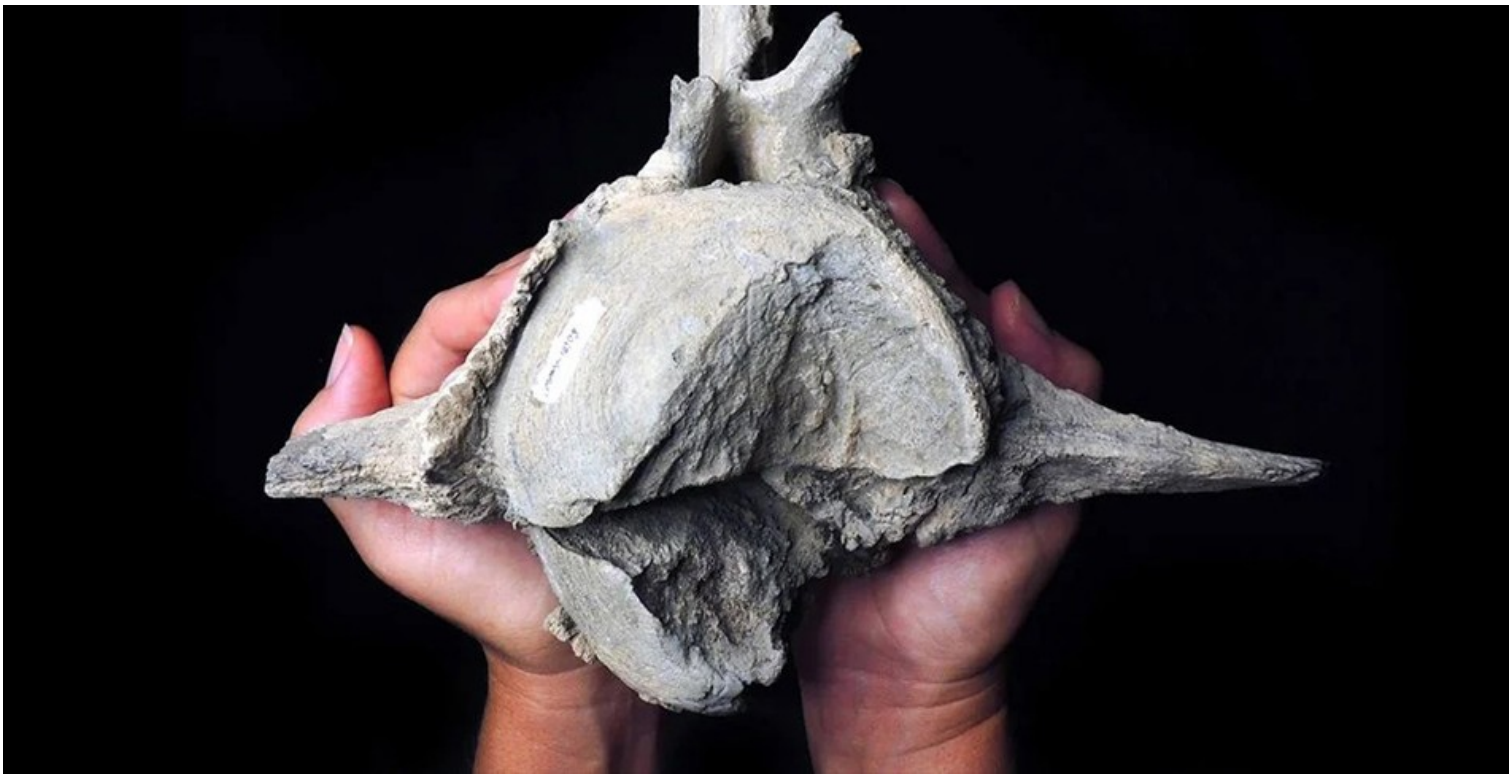
ICLT Literature Core
ICBS Behavior Science Core
ICSS Social Science Core
ICPH Philosophy Ethics Core

3. Mathematics and Additional Science Courses

All students are required to complete a minimum of six credits of science and three credits of mathematics. When science and/or mathematics courses are required as part of the degree, those courses can be used to satisfy this requirement. Students can use the following prefixes to satisfy the science requirements: BIOL, CHEM, PHYS. Courses with a MATH prefix satisfy the math requirement.

Students should discuss these and all courses with their academic advisor.

Fast Facts



Since 1955, New York Institute of Technology's forward-thinking academic programs have propelled its graduates into successful careers in architecture and interior design, arts and sciences, education, engineering and computing sciences, health professions, management, and osteopathic medicine.

Exceptional teaching by experienced professors, generous financial aid packages, and a supportive student-centered learning environment are some of the reasons that New York Institute of Technology is consistently ranked highly among its peer universities.

The university's almost 8,000 students represent a diverse student body, representing 40 states and 72 countries. With campuses in New York City and Long Island; Jonesboro, Arkansas; Vancouver, Canada; and programs online, New York Tech's technology-infused degrees, experiential learning programs, and extracurricular and co-curricular opportunities combine to create a unique, 21st-century learning experience that encourages students to reinvent the future.

To date, more than 116,000 graduates have received degrees from New York Tech. Our students graduate profession ready, and 94% of our graduates are employed or continuing their education within six months of graduation.

For more information, visit nyit.edu.

University Snapshot

- **Campuses:** Old Westbury, NY; New York City, NY; Jonesboro, AR; Vancouver, Canada
- **President:** Henry C. "Hank" Foley, Ph.D.
- **Founded:** 1955
- **Institution type:** Private, independent, nonsectarian, coeducational
- **Colors:** Blue and gold
- **Nickname:** Bears

Mission Statement

Since 1955, New York Institute of Technology has pursued its mission to:

- Provide career-oriented professional education
- Offer access to opportunity to all qualified students
- Support research and scholarship that benefit the larger world

Accreditation

New York Institute of Technology is accredited by the **Commission on Higher Education of the Middle States Association of Colleges and Schools**, and accrediting agencies for its programs and schools include:

- Accreditation Council for Occupational Therapy Education (ACOTE) of the American Occupational Therapy Association (AOTA)
- Accreditation Review Commission on Education for the Physician Assistant, Inc. (ARC-PA)
- American Osteopathic Association (AOA) Commission on Osteopathic College Accreditation (COCA)
- Association to Advance Collegiate Schools of Business (AACSB)
- Commission on Accreditation in Physical Therapy Education (CAPTE)
- Commission on Collegiate Nursing Education (CCNE)
- Computing Accreditation Commission (CAC) of the Accreditation Board for Engineering and Technology, Inc. (ABET)
- Council for Accreditation of Counseling & Related Educational Programs (CACREP) for the Master of Science in School Counseling
- Council for the Accreditation of Educator Preparation (CAEP) for the Master of Science in Childhood Education
- Council for Interior Design Accreditation (CIDA)
- Engineering Accreditation Commission (EAC) of the Accreditation Board for Engineering and Technology, Inc. (ABET)
- Engineering Technology Accreditation Commission (ETAC) of the Accreditation Board for Engineering and Technology, Inc. (ABET)
- National Architectural Board, Inc. (NAAB)

More information: nyit.edu/accreditation

Schools and Colleges

- College of Arts and Sciences
- College of Engineering and Computing Sciences
- College of Osteopathic Medicine
- School of Architecture and Design
- School of Health Professions

- School of Management

Enrollment

Total undergraduate and graduate students: 8,054

- Undergraduate students: 3,454
- Graduate and medical students: 3,455
- 56 percent male, 44 percent female
- 13:1 student-to-faculty ratio
- Students represent 74 countries and 42 states

Financial Aid

- First-time, full-time students receiving any financial aid: 99 percent
- Total annual amount of institutional financial aid awarded: $40 million

More information: nyit.edu/finaid

Experiential Opportunities

- Campus newspapers
- Biotech/BSB Interdisciplinary lab
- Community service
- Entrepreneurship center and innovation labs
- eSports teams
- Healthcare centers
- Multimedia production company
- Research (undergraduate and graduate)
- Student-run advertising and PR agencies
- Study abroad (including fellowships)

Honor Societies

- Alpha Epsilon Rho (communication arts and broadcasting)
- Alpha Eta (health professions)
- Beta Beta Beta: National Biological Honor Society (Rho Delta Alph chapter)
- Chi Alpha Epsilon National Honor Society (HEOP)
- Chi Sigma Iota (school counseling)
- Delta Mu Delta (business)
- Golden Key International Honour Society
- Kappa Delta Pi International Honor Society (education)

- National Society of Leadership and Success (Sigma Alpha Pi)
- Phi Eta Epsilon (occupational therapy)
- Phi Eta Sigma National Freshman Honor Society
- Psi Chi (psychology)
- Tau Alpha Pi (engineering and technology)
- Tau Sigma Delta (architecture)
- Upsilon Pi Epsilon (computer science)

Internships

Student internships have resulted in real-world career experiences for thousands of students. New York Tech students are regularly placed in leading industry corporations and organizations such as Boeing, Broadridge Financial Services, HBO, Google, IBM, Leviton, LiveNation, Motorola, Viacom/MTV Networks, National Grid, and Verizon.

Internships are secured through the support of academic departments and faculty members as well as the Office of Career Success and Experiential Education, which has an internship certificate program that supports students before, during, and after their internships by providing information on the latest hiring trends and search techniques and by providing employer evaluations and networking opportunities.

Technology

- Computer labs

- Dedicated video conferencing rooms
- Distributed learning facilities
- Electrical and Computer Engineering labs
- Fabrication Labs (Fab Labs)
- Innovation labs with 3-D printing capabilities
- Motion-capture labs

- Open-access facilities
- PCs and laptops in libraries
- Robotics
- Simulated medical patients/labs
- Smart classrooms
- WiFi in all student areas

Research

Committed to practical, applications-oriented research that benefits the greater global community, New York Tech is particularly proud of faculty-led and student-supported research in areas such as:

- Alternative energies/sustainability
- Anatomy
- Bioengineering/biotechnology
- Cancer
- DNA
- Ehlers-Danlos Syndrome

- Green energy
- Heart and kidney diseases
- Parkinson's disease
- Robotics
- Sports medicine

Further, we support faculty research and scholarship as an integral part of academia that enriches our students' classroom experience, contributes to the body of knowledge in cutting-edge fields, and provides students with opportunities to test theories and gain technical skills through hands-on experimentation and research.

To date, New York Institute of Technology's faculty members have received funding from public, private, and government agencies, including:

- Empire State Development Corp.
- IDC Foundation
- Long Island Regional Economic Development Council
- National Institutes of Health
- National Science Foundation
- New York State Department of Health

- New York State Education Department
- New York State Department of Labor
- U.S. Department of Defense
- U.S. Health Resources and Services Administration
- Voya Foundation

Degrees Offered

- Bachelor of Architecture (B.Arch.)
- Bachelor of Arts (B.A.)
- Bachelor of Fine Arts (B.F.A.)
- Bachelor of Professional Studies (B.P.S.)
- Bachelor of Science (B.S.)

- Master of Architecture (M.Arch.)
- Master of Arts (M.A.)
- Master of Arts in Teaching (M.A.T.)
- Master of Business Administration (M.B.A.)
- Master of Fine Arts (M.F.A.)
- Master of Public Health (M.P.H.)
- Master of Science (M.S.)

- Doctor of Osteopathic Medicine (D.O.)
- Doctor of Philosophy (Ph.D.)
- Doctor of Physical Therapy (D.P.T.)
- Occupational Therapy Doctorate (O.T.D.)

Alumni Worldwide

Alumni: 116,000 (as of May 2024)

More information: nyit.edu/alumni

Honors and Awards

New York Institute of Technology recognizes outstanding scholarship, service, and leadership. Through the interest of various individuals and organizations, the following awards and honors are conferred for distinctive student achievement:

View Awards by School

University Awards

Dorothy Schure Memorial Award
In memory of Dorothy Schure, a founder and member of the Board of Trustees, annual cash awards are granted to students whose extracurricular activities reflect concern, support, and dedication to the college community at large.

Leonard J. Knuth Trustees' Award
To the full-time student graduating with the highest scholastic average in the class with 55 percent or more credits taken at New York Tech.

Evan Rubin Memorial Award
Conferred at school recognition ceremonies each year on the student who is viewed as having manifested the greatest concern for other individuals within the New York Tech community.

Honors Program Certificate
Awarded to students in the honors program who have met or exceeded all requirements of the program.

Honors Program Award for Excellence
Presented to the student(s) in the honors program who have earned the highest cumulative GPA.

Special Program Award – HEOP
Awarded to Higher Education Opportunity Program (HEOP) participants who have demonstrated exceptional educational achievements.

School of Architecture and Design

Departments of Architecture and Interior Design

Alpha Rho Chi Medal National Professional Fraternity of Architecture Award
Presented to a senior for leadership, willing service to the college, and promise of professional merit through attitude and personality.

American Institute of Architects Henry Adams Medal and Certificate
A medal of achievement and a certificate of achievement to outstanding architecture students.

Architectural Chairs' Award
Awarded by the School of Architecture and Design chairpersons at each campus to the graduate who has achieved distinction in architectural design.

Maria A. Bentel Memorial Thesis Travel Grant
Awarded by a review committee composed of the dean, thesis coordinator, and a senior faculty plus one other full-time faculty to a female fourth-year student in the Bachelor of Architecture program for travel related to a proposed thesis project. Selection will be based on the review of a written proposal, the student's academic record, and a portfolio. Named in memory of the first female tenured architecture faculty member at New York Institute of Technology.

Michael T. Berthold Energy Conservation Award
Awarded to a graduating senior in the Bachelor of Science in Architectural Technology or Bachelor of Architecture program who has demonstrated ecologically sensitive and environmentally sound designing architecture or community planning.

Certificate for Architectural Design Gold and Silver Certificates
Awarded by the architecture faculty design committee to the most deserving graduating five-year students in architecture. Based on a five-year exhaustive review of very high excellence.

Certificate for Achievement in Architectural Technology Gold and Silver Certificates
Awarded by the architecture faculty to graduates who have achieved a high scholastic record in architectural technology.

Certificate for Achievement in Architecture Gold and Silver Certificates
Awarded by architecture faculty to graduates who have achieved a high scholastic record in the Bachelor of Architecture program.

Dean's Award for Design Excellence
Awarded by the dean of the School of Architecture and Design to graduating seniors who have achieved excellence in the architecture and interior design programs.

John Emmi Memorial Award
Presented to the interior design graduate in Long Island with a high academic standing who has excelled in interior design. Named in memory of a former student.

Leonard Horowitz Award
To the interior design graduate at the Long Island campus who has excelled in the discipline of interior design. Named in memory of a former student.

Interior Design Award
Conferred by the architecture and design faculty for excellence in interior design.

Interior Design Faculty Award
Conferred by the architecture and design faculty for outstanding achievement in interior design.

Robert Jensen Memorial Award
Presented by the faculty to a graduating student in architecture for exceptional abilities in one or more of the following fields of study: architectural history, architectural theory and criticism, historic preservation and craft-based architectural design.

Melvin Lerner Memorial Award
Presented to the interior design graduate in Long Island for excellence in leadership, service to the college, and promise of professional merit through performance and personality.

The New York Council of the Society of American Registered Architects Award
To the senior student in the Bachelor of Architecture program who has given worthy service to the school and to other students in friendship, assistance, and constructive attitude.

The New York Society of Architects Matthew W. Del Gaudio Award
Presented for excellence in total design to a graduating student in each of the architectural schools in the state.

Outstanding Service to the Department Award
Conferred by the interior design faculty for outstanding service to the department.

Arthur J. Pettorino Memorial Award
Presented to a graduating student in the architectural technology program, selected by the faculty, in recognition of outstanding achievement in the study of architectural technology.

Gina Pisano Ricci Award
To a female graduate in the architecture program who has shown outstanding ability and leadership, willingness to serve, and promise of professional achievement.

Special Faculty Award for Service and Involvement
Conferred by the faculty to a graduating student in the architecture program, at the Long Island and New York City campuses, who has

generously served the student body and thereby improved the quality of life within the School of Architecture and Design.

John Tam Memorial Award
To the interior design graduate in Long Island who has excelled in the program. Named in memory of a former student.

ARCC/KING Student Medal for Excellence in Architectural and Environmental Design Research
Awarded to a graduating student based upon criteria that acknowledge innovation, integrity, and scholarship in architectural and/or environmental design research.

Annual Architecture and Interior Design Chapter of the Alumni Federation Mentorship Award
Conferred upon a graduating student in Interior Design who has improved the quality of life at the School of Architecture and Design by acting as a trusted mentor to fellow classmates.

Thesis Faculty Recognition Award
Awarded by thesis faculty to students whose performance throughout thesis year was outstanding.

Department of Digital Art and Design

Certificate of Innovation in Fine Arts Award
Conferred by the fine arts faculty to the graduating student who has shown outstanding achievement with innovation in the field of fine arts.

Faculty Award for Technology
Awarded to a student who has excelled at using technological tools to serve artistic expression as judged by a committee of fine arts faculty.

Outstanding Service to the Department Award
Conferred by the fine arts faculty for outstanding service to the department.

Global Student Award
Conferred by the fine arts faculty for outstanding achievement to a student in a combined program with an international partner institution.

Computer Graphics BFA Faculty Award
Conferred by the fine arts faculty on a graduating student for outstanding achievement in computer graphics.

Faculty Award for Best BFA Animation Project
Conferred on a graduating student who has completed the best animation project as judged by a committee of fine arts faculty.

Graphic Design BFA Faculty Award
Conferred by the fine arts faculty for outstanding achievement in graphic design.

Fine Art Department Chairperson BFA Award
Awarded to the undergraduate student with the highest academic record in the major.

The Marvin Horowitz Sculpture BFA Award
Awarded to the student who excels in the discipline of sculpture.

The Valdis Kupris Painting BFA Award
Awarded to the student who excels in the discipline of painting.

The Cornelius Scholl Photography BFA Award
Awarded to the student who excels in the discipline of photography.

Digital Art and Design – Animation MFA Faculty Award
Conferred by the fine arts faculty on a graduating student for outstanding achievement in animation.

Digital Art and Design – Graphic Design MFA Faculty Award
Conferred by the fine arts faculty on a graduating student for outstanding achievement in graphic design.

College of Arts and Sciences

Biological and Chemical Sciences

B.S./D.O. Award
For outstanding scholarship in the B.S./D.O. program.

B.S./D.O. Service Award
For outstanding service to the student body and improvement of college life at New York Tech.

B.S./D.O. Pre-Clinical Education Award

For the most outstanding B.S./D.O. student in the first year of medical school.

Biomedical Society Award
Awarded by the officers of the Biomedical Society to a graduate in the Biological and Chemical Sciences department for outstanding service.

Biological and Chemical Sciences Award
Awarded for outstanding scholarship in the fields of biological and chemical sciences to a graduating senior from the Long Island campus and one from the New York City campus.

Biological and Chemical Sciences Service Award
For outstanding service to the disciplines of biological and chemical sciences at the Long Island campus and the New York City campus.

Michael Brian Unger Award
Presented in memory of a youthful victim of cancer to a graduating student whose scholarly achievement in the biological and chemical sciences denotes an outstanding graduate with a promising future.

David G. Salten Award
Awarded by the Alumni Federation for excellence in the natural sciences. Chosen by the biological and chemical sciences faculty.

Eugene J. Mitacek Award for Excellence in Chemistry
Awarded to a student who has received an A letter grade in General Chemistry, General Chemistry II, Organic Chemistry I, Organic Chemistry II, and Biochemistry.

Communication Arts

Advertising Copy Award
Presented to the graduating seniors majoring in advertising at the Long Island and New York City campuses who have demonstrated the most outstanding skills in advertising writing.

Advertising Design Award
To the advertising degree graduating senior at the Long Island and New York City campuses who has excelled in advertising design.

Advertising Leadership Award
To the advertising degree graduating senior at the Long Island and New York City campuses who has demonstrated outstanding leadership in management of professional and academic advertising projects.

Advertising Presentation Award
Conferred on an advertising degree graduating senior at the Long Island campus and the New York City campus who has demonstrated the most outstanding presentation skills.

John J. Theobald Graduate Achievement Award in Communication Arts
Conferred upon a deserving student in the master's program based on scholarship and outstanding contribution to the college and/or the outside community.

William M. Altman Award
To the communication arts graduate in Long Island with high academic standing and all-around excellence. Named in memory of a former faculty member.

J. Jack Brown Memorial Award
Awarded to a graduating student in communication arts, Long Island, who has chosen film as a specialization and has excelled in this field. Named in memory of the father of a communication arts staff member.

Neal Martin Cohen Memorial Award
To the communication arts graduate in Long Island who has done outstanding work in the field of broadcasting. Named in memory of a former faculty member.

Communication Arts Award
Conferred on graduating students at the Long Island and New York City campuses for high academic average in communication arts.

Regina Greene Service Award
Awarded to a graduating student in communication arts who has shown unusual dedication and service to the program. Named in honor of a dedicated former staff member who served the communication arts department for more than a quarter century.

Charles J. Kambourian Advertising Achievement Award
This award, named in honor of the first chairperson of the advertising program, is conferred on a graduating senior whose work shows great promise in the field.

The John R. Mazey Memorial Award
Conferred on a graduating senior in communication arts from the Long Island and New York City campuses for an outstanding, professional advertising project.

Media Production Award
Conferred on a graduating senior in advertising for an outstanding professional advertising project.

Philip Miele Memorial Award
To a graduating student for excellence in public relations and/or advertising. Named in memory of a former chairperson and faculty member.

Lee Morrison Memorial Award
To graduating students in communication arts, Long Island and New York City, for overall excellence in the field of radio. Named in memory of a former faculty member.

New York Chapter of the National Academy of Television Arts and Sciences Award
Awarded to students in communication arts who excel and show promise in the field of television.

Frank Spreeman Memorial Award
Awarded to the communication arts graduate at the Long Island campus with high academic standing, who has done outstanding work in the field of public relations. Named in memory of a beloved family member of the Communication Arts Department.

Edith Wigutow Memorial Award
Presented to a graduating student in communication arts at the New York City campus for scholarship and all-around excellence.

Education

Award for Excellence in Technology Teacher Education
Presented to the outstanding graduate and certified teacher who has achieved a high-quality grade point average.

Award for Excellence in Adolescence Education
Awarded to the graduate who has demonstrated great growth in professional responsibility and competence, and manifested effective sensitivity in teaching.

John J. Theobald Achievement Award in Graduate Childhood Education
Conferred upon a deserving student in the Master of Science in Childhood Education program, based on scholarship and outstanding contribution to the college and/or community.

Dean's Award for Excellence in Instructional Technology – Off-Campus Students
Conferred upon off-campus students in instructional technology who have shown superior accomplishment in teaching, scholarship, and the integration of technology in instruction.

John J. Theobald Graduate Achievement Award in Instructional Technology
Conferred upon a deserving student in the Master of Science in instructional technology program, based on scholarship and outstanding contribution to the college and/or community.

Award for Excellence in a Professional Field Project – UFT/Teachers' Centers
Conferred upon a deserving student for excellence in preparation of a professional thesis/project related to instructional technology and childhood or adolescence education.

Award for Excellence in Professional Training
Presented to a deserving graduate for outstanding performance in the field of training and learning technology.

Dean's Award for Academic Excellence in Educational Leadership and Technology
Bestowed on a graduate of the educational leadership and technology program who has demonstrated superior academic achievement by earning a 4.0 GPA, a superior rating on the course portfolio, and a strong faculty recommendation.

Faculty Award for Educational Leadership
Given to a graduate of the Educational Leadership and Technology program in recognition of superior leadership during the internship and within the cohort. The recipient illustrates the spirit of "team leader," has earned a GPA of 3.75 or higher, and has received superior recommendations from cooperating administrators during an internship.

Technology Leader Award
Given to a graduate of the educational leadership and technology program in recognition of superior expertise in the use and integration of technology in educational administration, teaching, and learning. The recipient has demonstrated this expertise through exemplary work in the application of technology in coursework and practice and has taken a leadership role in the use of technology within the cohort or internship setting.

John J. Theobald Award for Academic Excellence in School Counseling
Presented to a graduate of the school counseling program who has demonstrated excellent academic achievement, received exemplary ratings during internship, and was unanimously recommended by the faculty.

Carol A. Dahir Award for School Counseling Leadership
Presented to a graduate of the school counseling program in recognition of outstanding leadership within the cohort and in the field. The recipient illustrates the spirit of a leader advocate, demonstrates excellence in academic achievement, and has contributed to the program and/or

community.

Humanities

Faculty Award for Literature Studies
Conferred by the New York City department faculty to a graduating senior for outstanding performance in the study of literature.

The Brigid Dawson Memorial Award for Excellence in English Language Studies
Conferred by the New York City department on a graduating senior for whom English is a second language for excellence in English.

Ann McLaughlin Award
Recognizes outstanding scholarship in English by a graduating senior. Named in honor of a former staff member of the English Department.

Interdisciplinary Studies Award
To graduating seniors in recognition of outstanding scholarship and overall achievement.

Society for Technical Communication (New York Chapter) Scholarship Awards
Cash awards, based on an annual competition, given to undergraduate students showing excellence and achievement in technical writing.

Social Sciences Award
Given to a graduating senior who has demonstrated excellence in a degree program of social sciences.

Technical Writing Award
Conferred by the technical writing faculty for excellence in the subject.

Physics

Annual Physics Prize
For outstanding scholarship, character, and dedication to the field of physics.

Eugene Odin Memorial Award
Presented to the graduate who has achieved the greatest efficiency and progress in mathematics. Named in memory of a former faculty member.

Harvey Pollack Scholarship Award
To deserving students whose studies are in the field of physics. Named in memory of a former member of faculty and staff.

Psychology and Counseling

Psychology Award
Conferred by the behavioral sciences faculty on a graduate from each campus in recognition of demonstrated scholarly achievement and potential outstanding contribution to the behavioral science of psychology.

Sociology Award
Conferred by the behavioral sciences faculty on a graduate from each campus in recognition of demonstrated scholarly achievement and potential outstanding contribution to the behavioral sciences of sociology.

Psychology Chairperson's Award
Conferred by the chairperson of the Department of Psychology and Counseling upon the graduating student who has demonstrated significant perseverance in the pursuit of success in psychology.

Criminal Justice Chairperson's Award
Conferred by the chairperson of the Department of Psychology and Counseling upon the graduating senior who has demonstrated significant perseverance in the pursuit of success in criminal justice.

Michael Wubnig Memorial Scholarship Award
Awarded to the outstanding graduating senior in behavioral sciences who enrolls in the Mental Health Counseling program.

College of Engineering and Computing Sciences

American Institute of Aeronautics and Astronautics Outstanding Student Award
Awarded to a graduating student who has made a great contribution toward the operations of the student branch of the American Institute of Aeronautics and Astronautics.

American Society of Mechanical Engineers Award
Presented in recognition of outstanding academic achievement in the mechanical engineering major throughout a four-year program.

Andrew Farber Memorial Award
Awarded to a full-time electrical engineering undergraduate who has achieved excellence in the field throughout a four-year program.

Bachelor of Science in Electrical and Computer Engineering Technology Faculty Award
Presented to a graduate at each campus who has attained superior scholastic achievement and participation in the program.

College of Engineering and Computing Sciences Telecommunications Award
Presented to a graduate who demonstrates academic excellence in the program.

Computer Science Faculty Award
Awarded to a graduating senior at each campus for creativity, ability, and service in the discipline of computer science.

Computer Science Graduate Faculty Award
Awarded to a master's student who has attained superior scholastic achievement and participation in the discipline of computer science.

Dean's Award
Presented to a graduating student who has achieved a high academic average in the Bachelor of Science in Computer Science.

Electrical and Computer Engineering Award
Awarded to a graduating student at each campus for creativity, ability, and service in the discipline.

Electrical and Computer Engineering Faculty Award
Awarded by Long Island faculty members to a graduate who has attained superior scholastic achievement and participation in the discipline.

Electrical and Computer Engineering Graduate Faculty Award
Awarded to a master's student who has attained superior scholastic achievement and participation in the discipline of electrical and computer engineering.

Energy Management Achievement Award
Awarded to an outstanding master's student who combines scholarship with personal achievements.

Energy Management Graduate Faculty Award
Awarded to a master's student who has attained superior scholastic achievement and participation in the discipline of energy management.

Environmental Technology Graduate Faculty Award
Awarded to a master's student who has attained superior scholastic achievement and participation in the discipline of environmental technology.

Cybersecurity Graduate Faculty Award
Awarded to a master's student who has attained superior scholastic achievement and participation in the discipline of cybersecurity.

John J. Theobald Graduate Achievement Award
Awarded to one master's student in computer science; electrical and computer engineering; energy management; environmental technology; and cybersecurity.

The Gottlieb Koenig Achievement Award
Presented to a graduating senior with a high academic average in mechanical engineering and a record of service to the college and/or the outside community.

Louis Liss Memorial Award
Awarded to an upperclassman of electrical engineering who has shown creative ability and ingenuity in the field.

N.A. Karr Award
Presented to graduating students in computer science at each of the New York Tech campuses who have high scholastic averages and records of service to the campus community.

Samuel Shapiro Scholarship Award
Awarded to a graduate of the College of Engineering and Computing Sciences deemed most worthy in the pursuit of graduate studies.

School of Health Professions

John J. Theobald Graduate Achievement Award in Physical Therapy
Conferred upon a deserving student in the physical therapy program and is based on scholarship and outstanding contribution to the college and/or the outside community.

Physical Therapy Research Award
Conferred by the physical therapy faculty upon the graduating student who demonstrates scholarship in the design, development, and execution of an original research project.

Physical Therapy Academic Performance Award
Conferred by the physical therapy faculty upon the graduating student with the highest overall grade point average.

Physical Therapy Clinical Education Performance Award
Conferred by the physical therapy faculty upon the graduating student who received the highest performance rating by their clinical supervisor.

Physical Therapy Leadership Award
Conferred by the physical therapy faculty upon the graduating student whose outstanding extracurricular activities reflect dedication both to the students and faculty in the program in physical therapy and to the university community at large.

Physical Therapy Professional Award
Conferred by the physical therapy faculty upon the graduating student who has demonstrated career development consistent with the highest standard of the profession.

Benjamin Morey Commitment to Excellence Award
Conferred by the physical therapy faculty upon the graduating student who demonstrated significant perseverance in the pursuit of physical therapy.

Physical Therapy Alpha Eta Honor Society
Conferred upon the graduating students with an overall grade point average of 3.8 or better (out of 4.0).

John J. Theobald Graduate Achievement Award in Clinical Nutrition
Conferred upon a deserving student in the master's program and is based on scholarship and outstanding contribution to the college and/or the outside community (only one award may be selected for each master's degree).

The Clinical Dietetic Award
Awarded for outstanding ability in clinical practice within the field of clinical nutrition.

The Clinical Nutrition Service Award
Awarded for outstanding service to the community in health and nutrition.

The Clinical Nutrition Student of Distinction Award
Awarded for excellent academic performance and potential as a health-care professional.

The Clinical Nutrition Vanessa Cappellino Memorial Award for Research
Awarded to keep alive the memory of Vanessa Cappellino, a nutrition student whose zest for life was infectious and whose joy in research was deep and enduring. To be awarded to the student who has shown achievement and future potential in the area of research.

Clinical Nutrition Alpha Eta Honor Society
Conferred upon the graduating students with an overall grade point average of 3.8 or better (out of 4.0).

Occupational Therapy Academic Performance Award
Awarded to the student(s) with outstanding academic performance in the occupational therapy program (highest overall grade point average).

Occupational Therapy Fieldwork Performance Award
Awarded to the student(s) who received the highest fieldwork rating from the clinical supervisor.

Occupational Therapy Community Service Award
Awarded to the student(s) with outstanding extracurricular activities directed to serving the local and national global community.

Occupational Therapy Leadership Award
Awarded to the student(s) with outstanding record of leadership while in the program and whose activities are clearly reflected on the general body of OT students.

Occupational Therapy Group Research Award
Awarded to the group of students with outstanding performance in a research project inside or outside the occupational therapy curriculum.

Occupational Therapy Advocacy Award
Awarded to the student(s) who clearly exhibited the effort and commitment to advocate for the occupational therapy profession and the university's image in the local, national, or global community.

Outstanding Peer Mentor Award
The award recognizes an outstanding student mentor who has demonstrated exceptional commitment to the success of their OT mentees.

Occupational Therapy Alpha Eta Honor Society
Conferred upon the graduating students with an overall grade point average of 3.8 or better (out of 4.0).

NYIT's Beta Omega Chapter of Pi Theta Epsilon
Pi Theta Epsilon is a specialized honor society for occupational therapy students and alumni. Its mission is to promote research and scholarship among occupational therapy students. PTE recognizes and encourages superior scholarship among students enrolled in accredited educational programs across the United States.

John J. Theobald Graduate Achievement Award in Physician Assistant Studies

Conferred upon a deserving student in the Physician Assistant Studies program, based on scholarship and outstanding contribution to the college and the outside community.

Physician Assistant Studies Leadership Award
Conferred by the chairperson and faculty of the Department of Physician Assistant Studies to the student whose outstanding leadership reflects dedication to the students and the program.

Physician Assistant Studies Outstanding Service Award
Conferred by the chairperson and faculty of the Department of Physician Assistant Studies to the student who has provided outstanding service to the program, college, and community.

Physician Assistant Studies Alpha Eta Award
Conferred upon the graduating students with an overall grade point average of 3.8 or better (out of 4.0).

Health Sciences Academic Performance Award
Conferred by health sciences faculty upon the graduating student with highest overall grade point average who has also demonstrated excellent potential as a future health professional.

Health Sciences Senior Practicum Performance Award
Conferred by the health sciences faculty upon the graduating student with outstanding performance in the senior practicum experience.

Health Sciences Student of Distinction Award
Conferred by the health sciences faculty upon the graduating student who has demonstrated significant perseverance and achievement in the pursuit of academic and experiential success.

Health Science Alpha Eta Honor Society
Conferred upon the graduating students with an overall grade point average of 3.5 or better (out of 4.0).

Health and Wellness Academic Performance Award
Conferred by health sciences faculty upon the graduating student with highest overall grade point average who has also demonstrated excellent potential as a future health professional.

Health and Wellness Senior Practicum Performance Award
Conferred by the health sciences faculty upon the graduating student with outstanding performance in the senior practicum experience.

Health and Wellness Student of Distinction Award
Conferred by the health sciences faculty upon the graduating student who has demonstrated significant perseverance and achievement in the pursuit of academic and experiential success.

Health and Wellness Alpha Eta Award
Conferred upon the graduating students with an overall grade point average of 3.5 or better (out of 4.0).

Exercise Science Academic Performance Award
Conferred by exercise science faculty upon the graduating student with highest overall grade point average who has also demonstrated excellent potential as a future health professional.

Exercise Senior Practicum Performance Award
Conferred by the exercise science faculty upon the graduating student with outstanding performance in the senior practicum experience.

Exercise Science Student of Distinction Award
Conferred by the health sciences faculty upon the graduating student who has demonstrated significant perseverance and achievement in the pursuit of academic and experiential success.

Exercise Science Alpha Eta Award
Conferred upon the graduating students with an overall grade point average of 3.5 or better (out of 4.0).

Excelsior Award in Nursing
Conferred by the nursing faculty upon the graduating student with the highest overall grade point average.

Nursing Leadership Award
Conferred by the nursing faculty upon the graduating student who has demonstrated service to the students and faculty of the program in nursing and to the university community at large.

Madeline M. Leininger Award in Nursing
Conferred by the nursing faculty upon the graduating student who best exemplifies the application of transcultural nursing principles to the challenge of nursing practice in a global society.

Florence Nightingale Award in Nursing
Conferred by the faculty of the Nursing Department upon the graduating student who best embodies the spirit of nursing.

Nursing Alpha Eta Honor Society
Conferred upon the graduating students with an overall grade point average of 3.5 or better (out of 4.0).

School of Management

Nat Deerson Scholarship Award
Conferred to a Long Island graduating student for academic excellence in one of the management degree programs, who has a sincere desire to pursue a career in law.

Delta Mu Delta National Honor Society Award
Conferred by Alpha Xi, the New York Tech chapter of the National Business Honor Society, in recognition of outstanding scholarship in business.

Finance, Accounting, and Management Association Award
To the student who has excelled in extracurricular activities related to the business program.

New York CPA Society Award
To the student graduating with a high academic average in accounting who shows promise in the public accounting profession.

School of Management Award
Conferred on graduating students who have achieved the highest averages in the majors offered by the discipline: accounting, business administration, management, marketing, MIS, and finance.

Benjamin and Ethel Silverstein Award
Conferred to a graduating student in recognition of outstanding achievement in finance.

***Wall Street Journal* Achievement Award**
To a graduating student who has achieved excellence in business studies.

Hospitality Management

Dean's Award
Conferred on a graduating student who has demonstrated academic and career excellence through major improvements as a student and as a member of the industry and/or who has publications related to hotel, oenology, and institutional or restaurant administration that have brought credit to the student, the school, and the college.

Director's Award
Conferred by the director and chefs to the graduate who best exemplifies management skills in the discipline.

Hotel Faculty Award
Conferred by the faculty of the hospitality management department on the student who has demonstrated continued service, concern and support of the school, the college, and the industry.

Society of Hosteurs Club Award
Presented to a graduating senior who has made a significant contribution to the club.

Student Colleague Award
Conferred by students on a colleague who best exemplifies teamwork and consistency in the program.

NYIT College of Osteopathic Medicine Senior Student Awards for Service and Academic Achievement

AMWA's Janet M. Glasgow Memorial Award
Presented to the female receiving top honors in her class.

Mark A. Andrews, Ph.D., Award
Presented for excellence in physiology.

Biophysical Society Student Research Achievement Award

Board of Governor's Award
Conferred for excellence in osteopathic manipulation.

The Executive Committee Achievement Award
For overall academic excellence.

Council of Student Council President's Student D.O. of the Year Award

Dean's Award
Conferred for service to College of Osteopathic Medicine.

Roy DeBeer, D.O., Award
Conferred for excellence in gastroenterology.

Philip F. Fleisher, D.O., Memorial Award
Conferred for excellence in cardiology.

Steven Galler, D.O., Alan Scheinbach, D.O., and Steven Grainer, D.O., Award
Conferred for excellence in internal medicine.

Robert E. Mancini, Ph.D., D.O., Award
Conferred for excellence in medical pharmacology.

Gates Pharmaceutical Award
Conferred for outstanding achievement in the study of medicine.

Mary E. Hitchcock, D.O., Memorial Award
Conferred for commitment to osteopathic principles.

Robert E. Mancini, Ph.D., D.O., Award
Conferred for excellence in clinical toxicology.

Philip Marcus, M.D., Award
Conferred for excellence in pulmonary medicine.

Mark Marmora, D.O., Memorial Award
Conferred for excellence in teaching OMM, sponsored by Schering Pharmaceutical.

The McNeil Pharmaceutical Award
Conferred for excellence in family practice.

Medical Society of New York State Award
Conferred for community service.

Esther and Max Nagler Fund Award
Conferred for excellence in pathology.

College of Osteopathic Medicine Alumni Association Award

NYSOMS Award
Conferred for interest in organizational affairs.

Award for Excellence in Obstetrics/Gynecology

Award for Excellence in Pediatrics

Samuel Plotnick, D.D.S., M.P.H. Award
Conferred for community medicine.

Excellence in Psychiatry Award

Thomas A. Scandalis, D.O., Award
Conferred for excellence in sports medicine.

Society for Academic Emergency Medicine Award

Shepard Splain, D.O., Award
Conferred for excellence in surgery.

St. Barnabas Award
Conferred for excellence in radiology.

Student National Medical Association Dedicated Service Award

Donna Jones Maritsugu Award
Presented to a supportive spouse.

Student Services

Richard Gabay Memorial Award
Presented by the Long Island Student Government Association for demonstrated outstanding leadership in extracurricular activities.

Frank R. Jaklitsch Memorial Award
Presented by the Office of Student Services for demonstrated outstanding leadership in extracurricular activities.

Dr. Martin Luther King, Jr. Award
Presented for outstanding contribution to the minority community at New York Tech.

Alumni Award
Conferred to graduating students from each campus who have contributed outstanding service to the college.

Estelle Ormont Award
Presented for outstanding extracurricular activity and/or special effort related to the student's field of interest.

Residential Life Service Award
To the graduating student who has provided outstanding leadership, sincere dedication, and meritorious service in the area of residential life.

Israel Louis Schure Award
Conferred for outstanding performance in extracurricular leadership.

Jules H. Singer Memorial Award
Presented to a student who has made outstanding contributions to the intellectual and cultural climate of the college.

Student Services Award
Presented to a graduating student at each campus for outstanding service to the college.

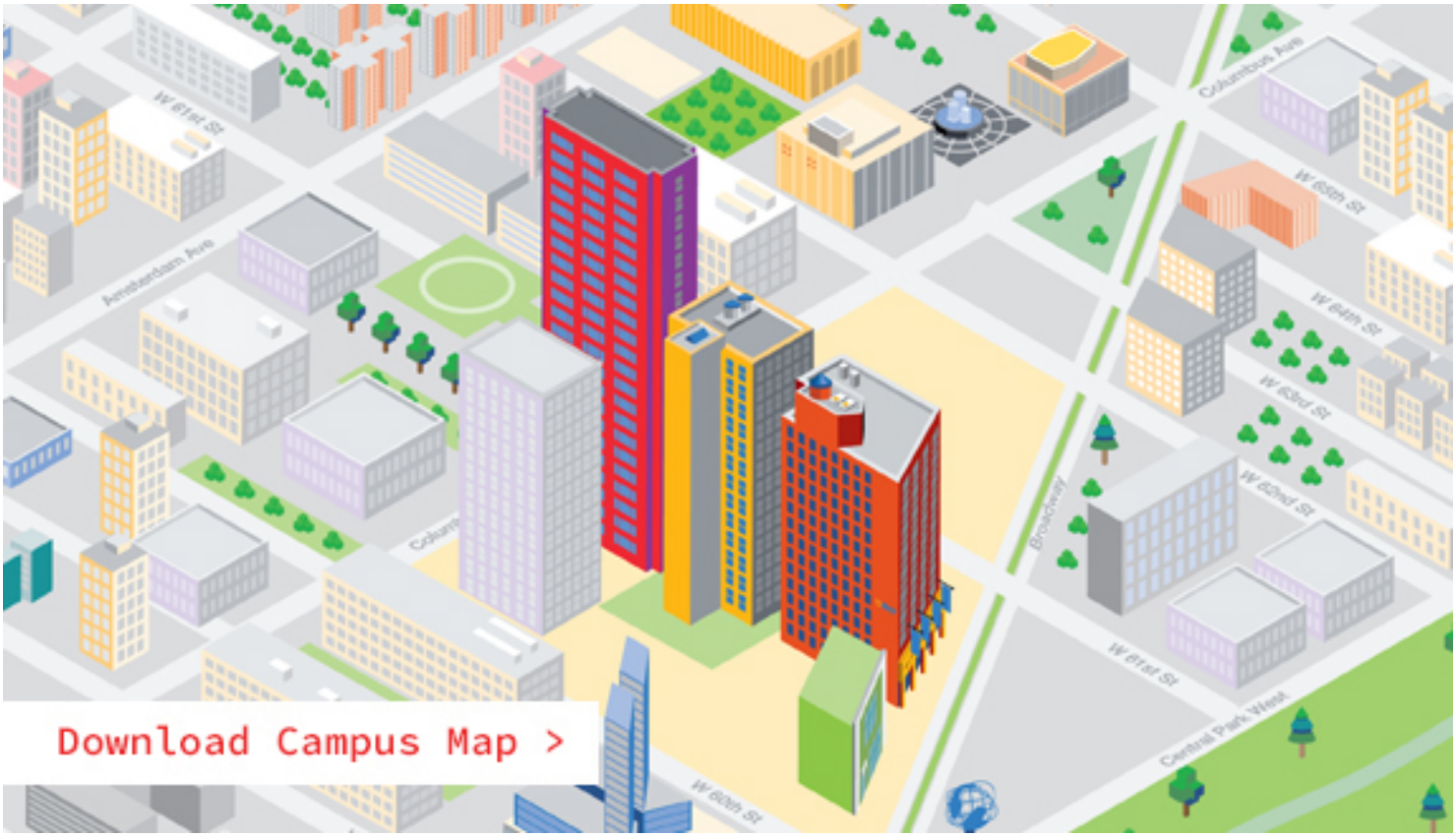
New York Campus Maps

Long Island Campus

Take a virtual tour at nyit.edu/long_island.

New York City Campus

Take a virtual tour at nyit.edu/nyc.



Student Services

Complementing New York Tech's academic mission are co-curricular services and programs to promote community, personal development, creativity, and responsibility in a student-centered learning environment. These services and programs are provided by offices within Student Engagement and Development and the office of Counseling and Wellness.

Student Engagement and Development supports students' professional and personal development through holistic and intentional opportunities for engagement with faculty, administrators, fellow students, and external partners. Through fostering inclusive and collaborative experiences, Student Engagement and Development encourages students to:

- Develop a sense of self, critical thinking skills, and a growth mindset
- Feel a sense of belonging within the New York Tech community
- Present a global perspective in their actions
- Demonstrate social awareness in their communities
- Use their voice to advocate for their academic needs
- Be career-focused individuals who impact the greater community

Counseling and Wellness services are also available at the institution to support students' engagement and assist in their success at New York Tech outside of their academic pursuits.

New York Tech's student services include:

- Career Success and Experiential Education
  - Alumni Placement
  - Experiential Education
  - Student Employment
- Counseling and Wellness Services
- First-Year Programs
- Student Life

Resources at the New York Tech website »

- Arthur O. Eve Higher Education Opportunity Program (HEOP)
- Military and Veteran Student Services
- Residence Life

Career Success and Experiential Education

Career Success and Experiential Education is committed to assisting New York Tech students with making connections between their academic and professional experience and career goals. We provide personalized advising, resources, and programs to help individuals discover their interests and values, explore careers and majors, develop skills through experiential opportunities, foster civic responsibility, and pursue their post-graduate goals. CSEE builds relationships with alumni, corporate and community partners, and graduate schools to optimize students' internship, job, volunteer and career opportunities. Additionally, through creating strategic partnerships with campus departments, we assist students in developing and articulating co-curricular experiences that help to ensure they are competitive in their future pursuits.

Handshake is New York Tech's online job platform for students and alumni to schedule an appointment with a career advisor, upload résumés, search for employers, apply for jobs and internships, attend events and fairs, and access career resources. Finding a job and building a career can be a daunting task. But whether you're looking for an internship, on-campus employment, a full-time job, or don't even know where to start, Handshake and Career Success and Experiential Education are here to help.

Business, government, not-for-profit, and industry representatives actively participate in recruitment activities, including industry panels, employer lunch-and-learn information sessions, networking events, and annual career fairs conducted during the fall and spring semesters.

For more information, visit nyit.edu/cs

Alumni Placement

New York Tech follows the careers of its graduates with great interest. All New York Tech graduates are sent Final Destination Surveys six months after graduation, and the results are compared to U.S. Department of Labor statistics and quarterly reports of the Placement Council. Survey results show that ninety-five percent of New York Tech students get jobs in their chosen fields or attend graduate school within six months of graduation. Alumni receive the professional development benefit of a relationship with New York Tech's Office of Career Success and Experiential Education (CSEE) for life*. Alumni searching for new employment opportunities may take advantage of Handshake, New York Tech's online career portal, which allows users to schedule appointments with a career advisor, upload résumés, search for employers, apply for jobs, view events and career fairs, and access career resources.

In addition, graduate and professional school advisement and referrals, in conjunction with academic schools, are provided through the Office of Career Success and Experiential Education. New York Tech alumni attend postgraduate schools throughout the world and successfully complete degree programs in every field of study.

* Please note that 16 months after graduation, you will no longer have access to your New York Tech email account. To continue to access Handshake and other CSEE services after you graduate, contact Alumni Career Services. For additional information, email handshake@nyit.edu.

Student Services

Experiential Education

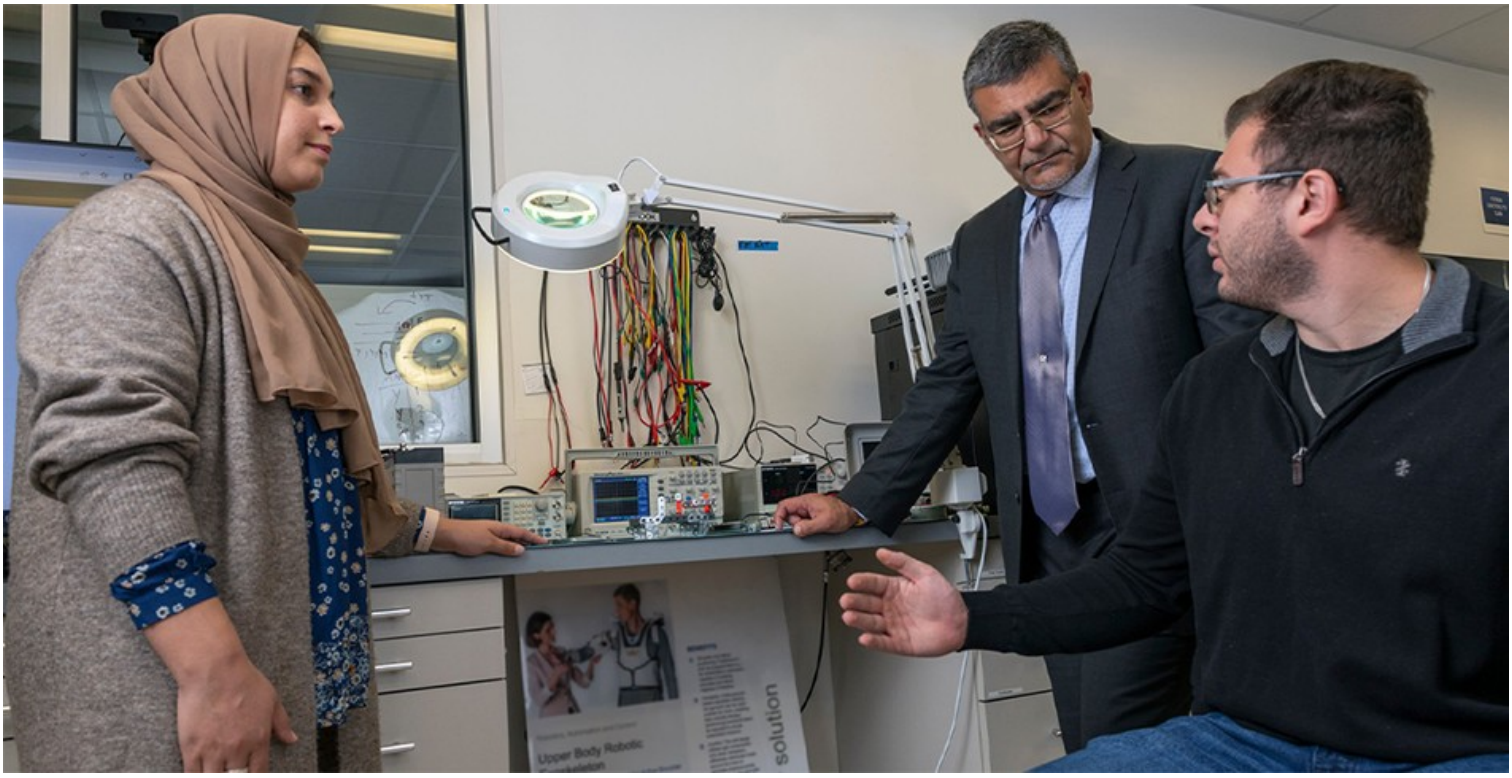
Experiential Education is offered and supported by the office of Career Success and Experiential Education. Its mission is to nurture the personal, academic, professional, and civic development of New York Tech's multicultural student body through practical hands-on experience. Experiential Education offers services and programs to students, alumni, faculty, and staff. In addition, Experiential Education establishes and strengthens New York Tech's connections with corporate and community partners both on and off campus.

Experiential Education staff develops and facilitates an array of experiential learning opportunities—experiences outside the classroom. These experiences make students more attractive to employers, who always want to hire the most qualified candidates. Experiential Education offers a number of ways to get that experience, through internships, on-campus employment, project-based learning, volunteering, and service-learning opportunities. By applying classroom learning to real-world settings, Experiential Education works to support students' professional development and civic engagement beyond the campus environment.

The Edward Guiliano Global Fellowship Program and the Fulbright U.S. Student Program are also supported by Experiential Education.

Student Services

Student Employment



Student Employment—an Academic Affairs program supported by the office of Career Success and Experiential Education on each campus—provides a variety of on-campus employment and off-campus paid community service opportunities for New York Tech students. Additionally, Student Employment is an experiential learning program which offers orientation, professional development training, and hands-on learning, evaluation, and reflection to strengthen the overall student employment experience.

The Office of Student Employment provides a variety of on-campus and off-campus paid employment opportunities for New York Tech students at all academic levels. These opportunities foster and promote career, personal, and professional development and aid in the ability to enhance the necessary skills needed for success after graduation. Students have the ability to apply learned skills and theories in a practical setting while earning income to assist with college expenses. All student employment positions are posted in Handshake. Handshake is New York Tech's online career platform for students and alumni to schedule an appointment with a career advisor, upload résumés, search for employers, apply for jobs and internships, view events and fairs, and access career resources.

Student Employment strives to:

- Support the recruitment and retention goals of New York Tech
- Assist students seeking part-time employment that will complement and support their academic experience
- Provide training for career and professional development
- Expose students to experiences that foster lifelong learning and job development
- Assist students in financing their education
- Educate supervisors and employers to create an impactful student experience
- Deliver administrative and technical support to employers and the New York Tech community

For more information about student employment, visit nyit.edu/cs

Counseling Services and Wellness Promotion

Free confidential counseling services are provided by trained professional staff members to help students actively manage their environment. Counseling services are learning based, short term, and include personal and group activities focused on helping students to develop self-confidence, self-reliance, and self-identity, and to manage emotions and solve problems in their academic, vocational, personal, and social lives.

New York Tech provides a holistic approach to wellness education, promoting individual and community wellness through programs and outreach activities. Special programs, workshops, and group sessions are offered for students experiencing difficulties with academic skills, test anxiety, interpersonal skill building, personal growth, substance abuse, relationships, wellness, human sexuality, and other personal concerns.

The Counseling and Wellness Center provides referral services to hospitals, clinics, and private practitioners when more specialized assistance is needed.

First-Year Programs

The first year of college life is crucial to a successful transition and strengthening a student's ability to connect with the New York Tech community. The first-year programs in Long Island and New York City are designed to make the transition easier and focus on teaching students strategies to enhance academic skills, while addressing the need for early social and intellectual bonding with faculty, staff, and peers.

Student Orientation Program: New Student Orientation connects students and their families to the college environment and assists them in making associations necessary to excel at New York Tech. Orientation is one of the first impressions new students have of New York Tech's engaging, exciting, and transformational college experience. The goal of new student orientation is to reaffirm students' decision to become part of our community. Orientation is a critical opportunity for new students to connect with other new students, current students, faculty, and staff, and to prepare them for success.

Orientation Leaders: Orientation leaders assist new students with their transition to New York Tech. Orientation leaders are selected for their academic achievement, leadership skills, and interpersonal qualities. The leaders play an integral role in all facets of first-year programs, including welcoming, mentoring, and providing peer support resources for incoming students.

Peer Success GUIDE Program: Once a first-year student has enrolled for classes, they will be contacted by their Peer Success Guide (PSG) who will provide them with both social and academic support during their transition to New York Tech, and throughout the entire first year. PSGs also direct students to the many services, resources, and events that the Office of Academic Success and Enrichment has to offer. To learn more, visit nyit.edu/psg.

My Guide to Success @ New York Tech: This course prepares first-year students by providing them with direct insight into things such as common terms used at New York Tech, improving time management and study skills, and making students aware of what to expect in college. My Guide to Success is uniquely designed to ensure a smooth transition to New York Tech and provide students with the tools and resources to succeed as a new college student.

Student Services

Student Life

Office of Student Life

The Office of Student Life provides collaborative and innovative learning opportunities to empower all students at New York Tech to feel a sense of belonging, explore their passions, and make a difference. It is our belief that this co-curricular experience will facilitate a holistic approach to student learning and development through collaboration, inclusion, and empowerment. Student Life is the home for the Student Government Association, student organizations, fraternity and sorority life, leadership development activities, traditional programming, and Bear Bytes for student support and healthy eating.

Academic Clubs: New York Tech academic schools actively advise and support student-run organizations, most of which maintain national affiliation with professional societies. Involvement and membership include participation in special projects, benefits of affiliation with professional societies, and assisting the school and its students in furthering educational programs.

Honor Societies: International and national honor societies that recognize distinction in scholarship and achievement offer membership to high-achieving students. New York Tech has chapters in two nationally recognized, nondiscipline-specific honor societies:

- Phi Eta Sigma National Freshman Honor Society accepts full-time matriculated students who have earned a 3.5 GPA or higher during the fall or spring semesters of their first year at college.
- National Society of Leadership and Success is the nation's largest leadership honor society. Students are selected for membership based on either academic standing or leadership potential. Candidacy is a nationally recognized achievement of honorable distinction.

Discipline-specific honor societies recognize high academic achievement among students majoring in particular subjects. New York Tech has active chapters in a number of discipline-specific national honor societies; membership is open to upperclassmen and graduate students, and each is administered through their respective academic schools. Student Organizations

Student Government Association

The Student Government Association (SGA) is the governing body, student voice, and representative organization of New York Tech students. The SGA advocates on behalf of student interests: academic, cultural, and social. It is charged with working with the faculty and administration to improve every facet of student life. There are two main SGA branches: an executive board and a legislative senate. Student representatives from a variety of disciplines are elected annually. In addition to acting as a liaison with university administration, the SGA oversees the budgeting process for all recognized student clubs and organizations, and supports campus-wide events.

Student Programming Boards

The Campus Activities Board (CAB) in New York City and Campus Programming Board (CPB) in Long Island are our student-based organizations, funded through the student activity fee, to provide quality, diverse entertainment, including special events, multicultural programs, social programs, competitions, speakers/lecturers, and off-campus activities that support unity, friendship, learning, and fun. The CAB and CPB are the central programming groups at each campus. Students are encouraged to get involved in student programming by helping in the planning and implementation of programs or sharing their opinions and feedback on both past and future events. All meetings and events

are open to New York Tech students.

Student Clubs and Organizations

On the Long Island and New York City campuses, the university has over 75 officially recognized academic, social, cultural, and recreational clubs and organizations. For a list of recognized organizations by campus, visit Campus Groups. Student clubs and organizations augment the academic experience, and involvement in any campus activity is a plus for success. Students who are unable to find an existing club of interest should consider starting one of their own. To do so, they need only identify a small group of students who share a common interest. For additional information on joining or starting a club or organization, students should contact the Office of Student Life at studentlife@nyit.edu.

Fraternities and Sororities

Greek-letter organizations have maintained a proud tradition on college campuses for well over 100 years. Founded upon principles of brotherhood/sisterhood, high academic achievement, and service to the community, these organizations add to the overall quality of life on campus. The fraternity and sorority life community provides opportunities for students to develop as leaders, foster lifelong friendships, and serve the New York campuses. The community is focused on service, academic success, leadership development, social networking, and civic activism while creating educational, cultural, and service programs such as Sigma for Society, Stroll for a Cause, C.A.R.E. Week, Learn 2 Study, and raising awareness for St. Jude's Children's Research Hospitals. Students interested in joining a Greek-letter organization should discuss the possibility with the current members of several different organizations to find the one that best fits their needs.

Policies and Rules

Notice of New York Institute of Technology Policies
Policies and procedures in the academic catalog are binding on every student. New York Institute of Technology reserves the right to change its policies and procedures, class schedules, and academic requirements at any time.

Academic Policies

- Academic Standing
- Change of Major, Minor, or Campus
- Grades and Credits
- Graduation

- HEGIS and CIP Code Directory
- Incompletes Calendar
- Registration
- Student Status

Financial Aid

- Financial Aid: Graduate Students
- Financial Aid: Undergraduate Students

Tuition and Financial Policies

- Add/Drop Refund Policy
- Collection Agency Fees
- Completion of Payments
- Cooperative Work-Study Programs

- Tuition and Fees
- Tuition Refund Insurance Plan
- Withdrawal/Dismissal Refund Policy

Other New York Institute of Technology Policies

- New York Tech Policies Affecting Students
- Academic Integrity
- Computer Requirements (Minimum)
- Grade Appeals Policy and Procedure
- Ownership of Student Work
- Photo Release
- Religious Observances and Academic Requirements
- Recreation and Drug Policy
- Use of Copyrighted Material

- Title IX and Gender-Based Misconduct
- Accommodation Policy for Students with Disabilities
- Family Educational Rights and Privacy Act Annual Notice and Directory Information
- New York Institute of Technology Statement on Non-Discrimination
- Personal Information Protection Policy (applies to students attending NYIT in British Columbia)
- Verification of Student Identity for Online/Distance Learning

For student handbooks and more policies, refer to the policies section of New York Institute of Technology's website

Academic Policies

Please click on a topic to find out more:

Academic Integrity
Academic Load
Adding and Dropping Courses
Assignment of Credit Hours
Attendance
Auditing Courses
Change of Matriculation
Challenge Examinations (Undergraduate Students)
Changing a major or campus
Classification of Students by Credits Earned
Courses at Another College
Credit

Dean's List and Presidential Honor List (Undergraduate Students)
Declaring a minor (Undergraduate Students)
Diplomas
GPA
Grading (Graduate Students)
Grading (Undergraduate Students)
Graduation Evaluation Guidelines
Incomplete Grades
Limitation on Repeating Courses (Undergraduate Students)
Maintaining Matriculation
Major Modifications
Military Leave
Probation and Academic Standing (Graduate Students)
Probation and Dismissal (Undergraduate Students)
Quality Points
Rank
Registration Procedures and Policies
Repeat Courses (Graduate Students)
Repeating Courses (Undergraduate Students)
Requirements for a Second Bachelor's Degree
Scholastic Discipline
Time Limit (Graduate Students)
Undergraduate Students in Graduate Courses
Withdrawal from a Course (Registrar procedure)
Withdrawal from a Course (Academic status)
Withdrawing from the College

Registration and Enrollment

Registration Procedures and Policies

Course schedule information is published prior to the beginning of each registration period. Each student is responsible for completing their registration, conforming to all college regulations, and satisfying requirements.

Students may register on the dates indicated on the academic calendar. Students are encouraged to register on time to ensure the most flexible choice of program. A course may be canceled by New York Institute of Technology for any reason, including insufficient enrollment. The method of delivery (instruction mode) of a course may be modified at any time as permitted by governmental and/or accreditor regulations.

Advisors are available for help and guidance, and the advisor's approval is required for each registration.

Official registration in a course section is required to earn a grade for a class. Registration must be completed by the end of the add/drop period (see academic calendar). Students cannot be officially registered until all tuition and fees are satisfied. Attendance is not permitted in any class without official registration for that class. Students who have not officially registered for a course section will not receive a grade retroactively.

Prerequisite and Corequisite Courses

Many courses require prerequisite and/or corequisite courses. A prerequisite course is a course that must be successfully completed prior to taking the desired course, and a corequisite course must be taken at the same time (or in some cases taken before). The chairperson or dean of the program that offers the course may waive these course requirements under extenuating circumstances. Prerequisite and corequisite requirements are listed in the individual course descriptions of this catalog.

Each student is responsible for satisfying the necessary prerequisites and corequisites. If a student enrolls in a course but has not completed the prerequisites or corequisites for it, the department chairperson may administratively withdraw the student from the course. The student may also be referred to the Dean of Students' Office for failure to comply and adhere to the administrative action taken by the academic department in regard to the course.

Online Courses

Domestic students can register for online courses if they have achieved satisfactory academic status. Refer to the Academic Standing: Probation and Dismissal section (below) for the policy pertaining to satisfactory academic status.

For students on an international visa, the number of credits that may be taken online is based on the United States policy for international students and any applicable policies from their home country.

Additional Info: Office of the Registrar

Adding and Dropping Courses

Students are permitted to add and drop classes during the add/drop (change of program) period after consulting with an advisor. Adding and dropping courses is permitted within the first two weeks for fall, spring, and summer III terms (two class sessions for cycle, summer I and II courses; or within the first week for RN–B.S. Completion Program). After the first two weeks, students may withdraw from a class (as opposed to "drop"), which will result in the non-punitive grade of "W" recorded on the student's transcript indicating a course withdrawal. Refer to the academic calendar for specific dates.

A change in courses (not sections) may affect the tuition charged and financial aid eligibility. Undergraduate students may not register for graduate courses without permission because this may jeopardize their financial aid.

Additional Info: Office of the Registrar

Undergraduate Students in Graduate Courses

An undergraduate student wishing to enroll in graduate coursework must obtain approval from both the student's academic department and the Office of the Registrar. Once permission has been granted, the course cannot subsequently be designated as a graduate course if/when the student officially enters a graduate program. In all cases, graduate-level coursework taken by an undergraduate student must lead to a degree in the enrolled program of study. Visit the Office of Financial Aid for more information about the impact on a student's financial aid.

Additional Info: Office of the Registrar

Withdrawal from a Course

Students may "drop" a class without a transcript notation if done within the applicable add/drop period (see *Adding and Dropping Courses* above).

After that period, students wishing to exit a course may do so by requesting to withdraw from the course from the instructor. The decision to withdraw from a course should be made only after consulting with the course instructor and advisor, as withdrawing from a course may affect financial aid eligibility, as well as result in financial obligation to New York Institute of Technology. Consult with the Office of Financial Aid and the Bursar's Office for more information. To withdraw from a course, the student and the instructor must complete a withdrawal form, and the instructor must submit it to the Office of the Registrar within 48 hours. Upon receipt of the withdrawal, a grade will be assigned by the registrar.

Students can withdraw from a course from the end of the add/drop period through the week before finals to receive a grade of W. The W grade is not included in the computation of the cumulative GPA, but it may affect financial aid eligibility.

The withdrawal (W) grade will be assigned to students who officially withdraw from a class according to this schedule. The unofficial withdrawal (UW) grade may be assigned if a student has stopped attending class without officially withdrawing. The W and UW grades are not included in the computation of the GPA, but they may affect eligibility for financial aid.

Students may not withdraw from classes during the final exam period.

The Department of Nursing has additional rules governing course withdrawals. For more information, read about them in the catalog's School of Health Professions, Nursing section.

Additional Info: Office of the Registrar

Attendance

Students are expected to attend their courses in the modality assigned on a regular and punctual basis to obtain the educational benefits that each meeting affords. Students shall be informed by their instructors how latenesses or absences will be handled during the semester. Instructors shall inform students of the consequences of excessive absences and/or latenesses. In the event of a student's absence from a test, the instructor will determine whether the student will be allowed to make up the work. The privilege of taking a makeup examination is generally not extended beyond one semester from the original date of examination unless an incomplete grade has been granted. For confirmed health and emergency circumstances that may influence a student's attendance in classes, they should contact the Dean of Students immediately, so that faculty will receive notification of anticipated absence(s) via email from the Dean of Students. Students will be directed to talk with faculty about the most appropriate way to continue to participate in class and/or catch up on missed work.

The Department of Nursing has additional rules governing course, lab, and clinical attendance. See information in the catalog's School of Health Professions, Nursing section and the *Nursing Student Handbook*.

Additional Info: Office of the Registrar

Maintaining Matriculation

Students who are enrolled for a degree but who are not taking coursework during a regular semester are required to maintain matriculation by registering to "maintain matriculation" in their program. This will keep records active and will entitle students to faculty consultations and use of general facilities of the college including the library. A maintenance of matriculation form is available through each program office.

Additional Info: Office of the Registrar

Change of Major, Minor, or Campus

Changing a major or campus

Undergraduate students wishing to change their major must complete the Application to Change Undergraduate Major form available online. To change your campus, complete the Application to Change Campus form, also available online. Changes of major or campus are made upon the recommendation of the dean (designee) and with approval of the registrar. No change of curriculum is effective without an evaluation of the student's credentials and approval by the new department. Changes are complete once recorded by the registrar. Students may view their major or campus change on my.nyit.edu.

Declaring a minor (Undergraduate Students)

In addition to a major, students have the option of declaring a minor. Just as an academic major gives an employer or professional school an idea of one's ability to specialize and to develop an in-depth understanding of a particular discipline, an academic minor provides an occasion to expand the breadth of a student's interests independently of the student's major. It demonstrates broad competence beyond a narrow specialization.

Typically minor courses shall be outside the student's major. Minors require between 15 and 21 credits. Students wishing to pursue a minor should consult with the advisor for that minor before completing the second course, and submit the Application to Declare an Undergraduate Minor. Upon approval, the Student Advisement Report (STAR) will be updated to include the minor course requirements. After declaration, students should periodically meet with the advisor for the minor to ensure they are on track to complete the minor requirements before graduation. Courses taken to fulfill the minor must be in addition to any courses taken to fulfill either core requirements or major requirements. A minimum of six (6) credits must be taken in residence at New York Institute of Technology and must be in excess of the requirements of all the student's majors and other minors. Departments/programs in which the minor resides may permit the inclusion of some major courses in fulfillment of the minor, where appropriate. Upon graduation, the student's transcript and diploma will reflect both the major and the minor earned. Students may declare up to two minors.

The minor declaration is complete once recorded by the registrar. Students may view their minor via my.nyit.edu.

To cancel a minor: Complete the Application to Declare Undergraduate Minor form and choose the option to cancel the minor, obtain appropriate approvals, and submit the application to the Office of the Registrar. The minor will be removed from the student's record.

Additional Info: Office of the Registrar

Grades and Credits

Academic Load

Full-time study in an undergraduate program is defined as 12 or more credits per term. All students in good standing may take a maximum of 18

credits per semester (including summer) without special permission, with the exception of students on the Dean's List, who may take a maximum of 21 credits per semester. Students may exceed this credit maximum with the permission of a dean. Except for graduating seniors, students taking less than 12 credits during a semester will not be certified as full-time students, which may impact financial aid eligibility. Check with the Office of Financial Aid for more information.

Full-time Equivalent Enrollment Status

The following definition applies to the full-time equivalency (FTE) enrollment status.

Undergraduate Students

Students may enroll in a course/internship/co-op experience that is the equivalent of 36 hours per week for 15 weeks (36 hours per week for 11 weeks in the summer term) to be considered a full-time equivalent for enrollment purposes.

Co-Op Requirements for International Students

International students on an F-1 visa are required to obtain work authorization, known as Curricular Practical Training (CPT), in order to participate in co-op. CPT allows students on an F-1 visa to engage in employment in the United States as long as it is an integral part of their curriculum. CPT must be secured for each co-op experience in the United States. Eligibility to work needs to be established by the Office of International Education prior to being assigned a co-op cycle and advisor. International students on a visa that is not F-1 need to contact their primary to determine whether their status allows for participation in the co-op program.

Additional Info: Office of the Registrar

Assignment of Credit Hours

All courses taken for credit at New York Institute of Technology, which are applied toward degree and certificate completion requirements, conform to applicable state and federal regulations concerning the assignment of credit hours. Calculation of credit hours for these programs follows New York State Education Department (NYSED) guidelines, which are consistent with the U.S. Department of Education's definition of a credit hour.

View information concerning credit hour assignment policies

Credit

Fall and spring semesters are approximately 15 weeks long. The number of semester hours of credit earned for a course corresponds to the number of academic hours of instruction in a standard week. Two, or in some cases three, academic hours of laboratory or studio work in a standard week during a semester constitute one credit for most programs. Summer session and Intersession classes are scheduled for an equivalent number of academic hours.

Semester hours of credit are granted for the grades A, A-, B+, B, B-, C+, C, C-, D+, D, or P.

Grading (Undergraduate Students)

Undergraduate students receive one of the following grades for each course completed and/or registered for during each semester:

Grade	Description	Quality Points	Used in GPA Calculation
A	Excellent quality and full mastery of the course material, extraordinary distinction.	4	Yes
A-	Excellent quality and full mastery of the course material.	3.7	Yes
B+	Good to excellent comprehension of the course material and the skills necessary to work with course material.	3.3	Yes
B	Good comprehension of the course material and the skills necessary to work with course material.	3	Yes
B-	Reasonably good comprehension of the course material and the skills necessary to work with course material.	2.7	Yes
C+	Adequate and slightly above satisfactory comprehension of the course material and met the basic course requirements.	2.3	Yes
C	Adequate and satisfactory comprehension of the course material and met the basic course requirements.	2	Yes

C-	Slightly below adequate and satisfactory comprehension of the course material and met the basic course requirements.	1.7	Yes
D+	Work is marginal but almost satisfactory and minimal command of the course material with slightly more than minimal participation.	1.3	Yes
D	Work is marginal but passing and minimal command of the course material with minimal participation.	1	Yes
F	Failure. An F is an earned grade assigned to a student who has not completed the majority of the coursework at a satisfactory level. Also, an expired Incomplete.	0	Yes
W	Withdrawal. The notation "W" (meaning Withdrew) is recorded when a student withdraws from a course.	0	No
UW	Unofficial Withdrawal. A "UW" may be assigned to students who stop attending class and fail to officially withdraw during the given timelines.	0	No
I	Incomplete. The "I" is restricted to cases in which the student has satisfactorily completed a substantial part of the coursework. No credit will be given until the course is completed within the given deadline and a passing grade received.	0	No
PR	Progress, re-enroll and is used only for developmental courses and intensive English as a Second Language (ESL) courses for students who have made some progress, but who do not demonstrate satisfactory skills to pass those courses. Students are required to re-enroll in the courses to complete them.	0	No
P	Passing grade	0	No
AU	Audit	0	No
3.5 GPA	Satisfactory performance for the undergraduate portion of the B.S./D.O. degree program. This corresponds to a B+/A- average grade.	0	No

---

Grading (Graduate Students)

Graduate students receive one of the following grades for each course completed and/or registered for during each semester:

Grade	Description	Quality Points	Used in GPA Calculation
A	Excellent quality and full mastery of the course material, extraordinary distinction.	4	Yes
A-	Excellent quality and full mastery of the course material.	3.7	Yes
B+	Good to excellent comprehension of the course material and the skills necessary to work with course material.	3.3	Yes
B	Good comprehension of the course material and the skills necessary to work with course material.	3	Yes
B-	Reasonably good comprehension of the course material and the skills necessary to work with course material.	2.7	Yes
C+	Adequate and slightly above satisfactory comprehension of the course material and met the basic course requirements.	2.3	Yes
C	Adequate and satisfactory comprehension of the course material and met the basic course requirements.	2	Yes
F	Failure. An F is an earned grade assigned to a student who has not completed the majority of the coursework at a satisfactory level. Also, an expired Incomplete.	0	Yes
W	Withdrawal. The notation "W" (meaning Withdrew) is recorded when a student withdraws from a course.	0	No
UW	Unofficial Withdrawal. A "UW" may be assigned to students who stop attending class and fail to officially withdraw during the given timelines.	0	No
I	Incomplete. The "I" is restricted to cases in which the student has satisfactorily completed a substantial part of the coursework. No credit will be given until the course is completed within the given deadline and a passing grade received.	0	No
P	Pass grade given in oral comprehensives, thesis, and externships.	0	No
S	Satisfactory progress in thesis or project course; grade will be changed when course is completed.	0	No
U	Unsatisfactory progress in thesis or project course.	0	No

GPA

At the conclusion of the fall and spring semesters, two averages are computed for each student to indicate the general level of academic standing.

The first is called the grade point average (GPA), which indicates the scholarship level for the semester. The second is called the cumulative grade point average (CGPA), which indicates the scholarship level for all work taken at the college.

The GPA is computed by adding all the quality points earned for the semester and then dividing by the number of credits for those courses graded with an A, A-, B+, B, B-, C+, C, C-, D+, D, or F.

The CGPA, computed in a similar manner, represents all the quality points earned during all the semesters the student has attended New York Institute of Technology, divided by the number of credits for those courses where the grade given is an A, A-, B+, B, B-, C+, C, C-, D+, D, or F.

Quality Points

Quality points are awarded in accordance with the grade schedule above. For example, students who earn an A in a three-credit course accumulate four quality points per credit for a total of 12 quality points; a grade of B+ in a three-credit course would accumulate 3.3 quality points per credit for a total of 9.9 quality points; a grade of A in a two-credit course would accumulate four quality points per credit for a total of eight quality points. No quality points are awarded for grades of AU, F, I, P, PR, W, or UW.

Incomplete Grades

The temporary grade of Incomplete (I) shall change to a Failing (F) grade if the student does not complete all work by the end of the allotted time. An F grade may not be challenged, and the course must be repeated by the student to receive credit.

The following policies shall guide the awarding and calculation of the I grade, and the change of the I grade to an F grade:

- The student must request additional time to complete a single project, report, or final examination.
- The grade of incomplete is to be assigned only to students who are otherwise passing the course at the end of the semester.
- The instructor has the right to refuse the request and may assign a final grade based solely on the work already completed.
- The grade of incomplete will change to a failing grade if the outstanding coursework is not completed in accordance with the schedule in effect at the time it was assigned, regardless of the average the student otherwise maintained in the class (see academic calendar for dates).
- A single short extension of the time period shall be granted only in exceptional circumstances by the vice president for academic affairs.
- The grade of incomplete will not be assigned to students with excessive absences, especially when those absences include the final sessions of the course, unless extenuating circumstances have been established.
- The incomplete grade is recorded by the registrar as "attempted credits," until the course is complete.
- The incomplete grade that changes to a failing grade will carry zero quality points.
- Students can advance if an incomplete grade is assigned to a prerequisite course for the term immediately following the assignment of an I grade but cannot advance after an I grade changes to an F.
- I grades may have an effect on the student's financial aid and/or student visa status. Students are encouraged to meet with the financial aid and/or international student advisor when requesting the I option.
- The grade of incomplete will also be assigned while pending the outcome of a hearing by the Student Conduct Panel due to an alleged violation of the *Academic Integrity Policy*. In such cases, the outcome of the hearing and completion of the academic integrity process will dictate the student's final grade for the course.

Classification of Students by Credits Earned

Freshman	Less than 31 credits earned
Sophomore	31–62 credits earned
Junior	63–96 credits earned
Senior	More than 96 credits earned
Fifth-year architecture	More than 133 credits earned

Note: For some courses in the Health Professions programs, credit values differ from contact hours. See program descriptions.

Repeating Courses (Undergraduate Students)

Undergraduate students who have earned a C-, D+, D, F, W, UW, or PR in a course may retake the course for credit to earn a higher grade (see "Limitation on Repeating Courses" below). Only the higher grade will be used in computing the GPA and CGPA. The other grade(s) will remain on the student's record as a matter of information. Repeating courses may impact eligibility for financial aid. Students should consult with a financial aid advisor before registering for a repeated course.

Limitation on Repeating Courses (Undergraduate Students)

An undergraduate student may repeat a course in which a GPA-relevant grade is earned (C-, D+, D, F) a maximum of two times. Grades of W, UW, and PR do not count toward the maximum of two repeats. Should a student wish to repeat a course more than two times, the student must receive approval from their department chairperson and be referred to the Office of Undergraduate Academic Advising. Certain majors have rules on repeating courses that are more restrictive than this one. The more restrictive rule takes precedence.

Note: Students who have changed majors should be aware that only quality points from the first degree program that are applicable to the present degree program are included. Students receiving financial aid should consult a financial aid counselor prior to changing majors to identify any impact this change may have on their financial aid.

Repeat Courses (Graduate Students)

Graduate students who have earned a grade of C or F in a course may retake the course to earn a higher grade. Only the higher grade will be used in computing the GPA; however, the original C or F grade will remain on the record as a matter of information. The only courses that may be repeated for credit are those that result in grades of C, W, F, or UW.

Auditing Courses

A student may register to audit a course after obtaining written permission from the appropriate dean. A previously audited course may be taken for credit at a later date but may not be challenged. A student who registers for a course on an audit basis cannot elect to change over to a credit basis after the session has started. Similarly, a credit course cannot be changed over to an audit course. All the usual tuition and fees must be paid for audited courses.

Major Modifications

In cases where students change majors to a significantly different field of study, the student's record may be modified to remove grades for courses unrelated to the new major as determined by the department. Major modified courses are not included in the computation of the grade point average and have no credit value, but remain on the academic transcript. These courses have no credit value and do not satisfy degree requirements. Major modified courses must be approved by the dean/chairperson.

Challenge Examinations (Undergraduate Students)

Credit for degree requirements and elective courses can be earned by obtaining satisfactory scores on proficiency examinations including challenge exams. New York Institute of Technology has developed its own challenge examinations in areas not covered by CLEP, DSST, or Excelsior. A student wishing to take a challenge exam should contact the department of the course they wish to challenge and obtain written permission in the form of an email or letter. The permission should be submitted to the Bursar along with payment of the exam fee.

Upon receipt of the written permission and proof of payment, the Office of the Registrar will complete the Request for Challenge Examination form and return it to the student. The student should submit the form to the department. Once the challenge examination has been taken, the department must submit the completed form and grade to the Office of the Registrar for processing.

Students must be matriculated to challenge a course. Challenge exam credit does not count toward the university's residency requirements. Students cannot challenge a course of a level lower than related course(s) they have completed, or in which they are currently enrolled. A maximum of 60 credits toward a bachelor's degree and 30 credits toward an associate degree may be achieved through proficiency exams. Students may challenge no more than three courses per term. For courses taken at New York Institute of Technology, only those courses in which a student earned a grade of F, W, or UW may be challenged. A course that is challenged and failed cannot be rechallenged. A course may be challenged only once. Challenge exams, if passed, are graded with a P grade. An F grade is not recorded. To earn a grade of P, the exam must be passed with a grade of C or better.

Academic Standing

Scholastic Discipline

The continued registration of any student is dependent upon regular attendance, proper conduct, and achievement of passing grades. Any one of the following is regarded as sufficient cause for dismissal: irregular attendance, neglect of work, conduct deemed by the college not consistent with general good order, or failure to comply with the college's rules and regulations. The college reserves the right to terminate a student's enrollment at any time.

Every student has the right to petition the Admissions and Academic Standards Committee for redress of actions affecting academic standing.

Probation and Dismissal (Undergraduate Students)

A student must achieve a minimum cumulative GPA of 2.0 to graduate. A minimum cumulative GPA of 2.0 must be achieved at the end of each regular semester (fall and spring) to maintain satisfactory academic status at New York Institute of Technology.

Probation I: The first time a student's cumulative GPA falls below the minimum required, the student shall be placed on Probation I for the next regular semester. The student will receive an email from the Office of the Registrar outlining available academic support services and requiring the student to meet with an advisor from the Office of Undergraduate Academic Advising.

Probation II: When a student's cumulative GPA falls below the minimum required for two regular semesters (not necessarily contiguous), the student shall be placed on Probation II for the next regular semester. The student will receive an email from the Office of the Registrar outlining available academic support services and requiring the student to meet with an advisor from the Office of Undergraduate Academic Advising. A student on Probation II status cannot register for more than 16 credits until the student is removed from Probation II status.

Dismissal: When a student's cumulative GPA falls below the minimum required for three regular semesters (not necessarily contiguous), the student will be dismissed from the institution.

Students who have been dismissed may appeal to the Committee on Academic Probation and Dismissal and must do so no later than three weeks after the last day of the semester in which they were dismissed. On the basis of the appeal and other relevant information, the committee may uphold the dismissal decision or may recommend reversal of the dismissal decision and impose additional conditions for continued enrollment. The committee's decision is binding and final. Failure to submit an appeal by the given deadline will result in automatic upholding of the dismissal.

Dismissed students are ineligible to pursue credit-bearing courses at New York Institute of Technology for a period of one year or until a minimum GPA of 2.5 is earned for the most recent 12 credits completed at another accredited U.S. institution of higher education, and until they receive approval from the Committee on Academic Probation and Dismissal. To obtain approval, the student must submit an appeal letter to the committee no later than two weeks prior to the start of the semester for which the student is reapplying. The committee will make the admission decision and if readmitted, the student will be placed on Probation II.

In the case of global campuses with dual-degree partnerships, dismissal decisions will be overseen by the campus dean. Please refer to the Global Faculty and Student Handbooks for further information.

Probation and Academic Standing (Graduate Students)

A student must achieve a minimum cumulative grade point average (GPA) of 3.0 or better to graduate. Students whose cumulative GPA falls below a 3.0 will be placed on academic probation.

The first time a student's cumulative GPA falls below the minimum requirement, the student shall be placed on Probation I for the next regular semester. When a student's cumulative GPA falls below the minimum requirement for two regular semesters (not necessarily sequential), the student shall be placed on Probation II for the next regular semester. When a student's cumulative GPA falls below the minimum requirement for three regular semesters (not necessarily sequential), the student's record will be reviewed by the academic department, and they may be dropped from the program.

Some academic departments have stricter program-related policies. Please refer to the specific academic school within this catalog for more details.

Time Limit (Graduate Students)

In the best interests of the student and the college, a maximum of five years is allowed for completion of degree requirements. Under exceptional conditions, an additional year may be permitted upon formal request to the appropriate graduate chairperson and approval by the dean of graduate studies.

Academic Integrity

Academic integrity is the pursuit of scholarly work in an open, honest, and responsible manner. Academic integrity is a basic guiding principle for all academic activity, and all members of the university community are expected to act in accordance with this principle. Academic integrity includes a commitment to engage in academic work that adheres to the highest standards of academic honesty. These standards include purposeful avoidance of plagiarism, cheating, misrepresentation, unauthorized collaboration, or any efforts at facilitating any academic deception. Such acts of dishonesty violate the fundamental and ethical principles of the community and compromise the worth of work completed by others.

If a faculty member determines that a student has committed academic dishonesty by plagiarizing, cheating, or in any other manner, the faculty member may report the allegation of misconduct for follow-up by the Dean of Students pursuant to the Student Code of Conduct's Academic Integrity Policy – U.S. Campuses.

Each student enrolled in a course at New York Institute of Technology agrees that by taking such a course, they consent to the submission of all required papers for textual similarity review to any commercial service engaged by the university to detect plagiarism. Each student also agrees that all papers submitted to any such service may be included as a source document in the service's database, solely for the purpose of detecting plagiarism of such papers.

Dean's List and Presidential Honor List (Undergraduate Students)

An undergraduate student who earns a place on the Dean's List is a full-time matriculated student who has attained a minimum grade point average of 3.5 or higher in any semester in which they completed 12 or more credits without any incompletes (I), or a part-time matriculated student who has attained a minimum grade point average of 3.6 or higher in any semester in which they completed six or more credits without any incompletes (I). Students who meet the same standards and earn a 3.7 or above are placed on the Presidential Honor List. Notification of these awards is sent to students, and the appropriate honor is recorded on their transcripts.

Student Status

Change of Matriculation

Visiting students (non-degree-seeking students) are limited in the total number of credit-bearing courses they may take. Graduate students may not take more than nine credits, and undergraduates may not take more than 24 credits without matriculating.

Students who have been attending graduate courses under conditional status and who have completed the first four graduate courses with a quality point average of 3.0 or better may apply to the director of the program for a change of status to fully matriculated. Non-degree students and/or students in graduate certificate programs who wish to pursue a degree program must make a formal request for admission and matriculation to the Office of Graduate Admissions. Any required documents not previously submitted must also be received.

Courses at Another College

Matriculated students in good academic standing who are currently enrolled at New York Institute of Technology may take courses at another accredited institution for credit. Since not all courses will be accepted for credit toward a degree, students must complete the Permission to Take Courses at Another College form, which is available at the Office of the Registrar, and abide by the university's residency requirements (see section regarding transfer credits). A course may be taken at another college only when it is unavailable at New York Institute of Technology during the specific semester.

Upon completing the course, students must provide the registrar with official transcripts used to enter credit in their records. An official transcript must be received by New York Institute of Technology no later than one month after the course is completed. A grade of C- or better is required for credit. Transfer credit grades are not calculated into a student's GPA. Students on probation may not take courses at another college. Students with 70 cumulative credits (including transfer credit and credits in progress at New York Institute of Technology) must take courses at a senior-level institution.

Teacher education candidates who are given permission to take an education course at another college may be required to submit additional documentation demonstrating achievement of specific knowledge or skills related to the course not taken at New York Institute of Technology.

This documentation may include keystone assignments, lesson plans, field experience logs, essays, or student work samples.

For matriculated students, transfer credit evaluation guidelines are instituted by each academic department, in consultation with the Office of the Registrar, and are applicable for all course delivery modes including online courses.

Withdrawal from a Course

The decision to withdraw from a course is a serious matter and should be made only after consulting with an instructor and faculty advisor. Withdrawing from a course may affect eligibility for financial aid. For details, visit nyit.edu/finaid.

To withdraw from a course, students must fill out a withdrawal form and have the course instructor sign and submit it to the Office of the Registrar.

Students can withdraw from a course from the end of the add/drop period through the week before finals to receive a grade of W. The W grade is not included in the computation of the cumulative GPA, but it may affect financial aid eligibility.

The withdrawal (W) grade will be assigned to students who officially withdraw from a class according to this schedule. The unofficial withdrawal (UW) grade may be assigned if a student has stopped attending class without officially withdrawing. The W and UW grades are not included in the computation of the GPA, but they may affect eligibility for financial aid.

Withdrawing from the College

Students who wish to withdraw from the college may initiate an official withdrawal by contacting the Office of the Registrar and obtaining a withdrawal form.

Depending on the circumstances, the student's withdrawal date will be recorded as the date they began the withdrawal process or the date they notified the college of intent to withdraw. Tuition and financial aid refunds, if any, will be based on the withdrawal date. For an explanation of what happens to a student's financial aid when they withdraw from the college, visit the Office of the Registrar or read more at nyit.edu/finaid.

In the case of complete withdrawal from the college, students who were awarded federal Title IV financial aid will be subject to proration of the awards in accordance with applicable federal regulations. The application of federal refund provisions may result in an outstanding balance owed to the college and/or the U.S. Department of Education. Details of the adjustment to federal Title IV financial aid awards will be provided to the student following the withdrawal process.

Military Leave

New York Institute of Technology recognizes that students who are also in the Armed Forces Reserve are subject to call-up for active duty. It is our policy to make every effort to support and assist students who are in this situation. Students who have been called for active duty must present a copy of their duty assignment orders to the registrar and may select one or more of the following options:

1. **Withdrawal from all courses:** Students may withdraw from all of their courses and receive a full tuition refund regardless of the number of weeks that have expired in the term. They will receive a W for all their courses regardless of their current class averages. The student must file a Withdrawal from the College form with the Office of the Registrar. Upon return from active duty, the student shall be readmitted without paying the rematriculation fee.
2. **Withdrawal from individual courses:** Students may withdraw from one or more of their courses and receive a W grade regardless of the number of weeks that have expired in the term, or of their current class averages. They may be entitled to a tuition refund depending upon the number of credits they have withdrawn compared to the number of credits they have not withdrawn. To do this, the student must file a *Withdrawal from a Course* form with their instructor, who will submit this form to the registrar. The student is responsible for both the grades and the tuition for the courses in which the student remains enrolled.
3. **Transfer to online courses:** Students may transfer one or more of their lecture courses from on-campus sections to online sections if appropriate instructors and course materials are available. There will not be an additional fee charged.
4. **Incomplete grades:** Students may request an incomplete grade from their instructors in one or more courses. Instructors are not required to grant the grade of incomplete but are encouraged to give due consideration to the student in such circumstances. If an incomplete grade has been assigned, the student must complete the course requirements within two complete semesters following deactivation from duty (an additional semester extension with approval by the dean and the vice president for academic affairs or designee may also be given).

Students who elect to withdraw from one or more courses should first consult with a campus financial aid advisor. Additionally, students can view the reserve/guard financial aid resource page on the National Association of Student Financial Aid Administrators website at nasfaa.org.

All students who wish to be considered candidates for graduation must file an application for graduation with the registrar by the date indicated

on the academic calendar. Applications may be completed online at my.nyit.edu. Students are required to complete all program requirements to be eligible for graduation. See the graduation section of this catalog for guidelines used to evaluate students for graduation. Please note that some programs have specific requirements, which supersede these guidelines.

Graduation

Rank

New York Institute of Technology does not rank students.

Diplomas

Diplomas are held in the Office of the Registrar for a period of two years from the date of graduation. After two years, a replacement diploma must be ordered, and the new diploma will bear the names of current officials in office at the time the replacement diploma is produced. The cost for a replacement diploma may be found online.

Graduation Evaluation Guidelines

Requirements for Graduation

All students who wish to be considered as candidates for graduation must file an application for graduation with the registrar by the date indicated on the academic calendar. Applications can be completed online by accessing my.nyit.edu. To be eligible for graduation, students must complete all program requirements. The following graduation guidelines will be used to evaluate students for graduation. Please note some programs have specific requirements that supersede these guidelines.

Graduation Evaluation Guidelines[1]

Academic programs are registered by the New York State Education Department (NYSED), Office of Higher Education. Academic degrees for undergraduate, graduate, and professional programs, as well as advanced diplomas and certificates/advanced certificates, may be conferred on matriculated students upon the successful completion of all program requirements.

New York Institute of Technology academic program requirements are uniform at all campus locations and can be changed only with the approval of the Academic Senate, and if necessary, with approval of NYSED.

Students are responsible for ensuring that all degree requirements listed in the catalog in effect on the date of their admission/readmission are fulfilled. Errors on degree maps or degree audit advisement reports do not constitute a basis for waiving degree requirements. Discrepancies in documents will be addressed by the academic dean responsible for the program.

New York Institute of Technology faculty will review students' academic records and recommend them for graduation by signing and submitting a degree audit evaluation to the Office of the Registrar. An audit of the academic records of students recommended for graduation will be conducted by the Office of the Registrar, which will notify the deans, department chairpersons, and students of the outcomes.

The criteria used to evaluate students for graduation are uniform at all campus locations and are as follows:

- Students will be matriculated in an academic program, have all transfer credits posted to their academic record, and have all admissions and prerequisite requirements satisfied. Students will be evaluated for graduation using the program requirements in effect at the time of their most recent admission/readmission into the program. Students readmitted after a break of five years or less (undergraduates must be within 30 credits of degree completion) may request approval to follow the program requirements in place at the time of their readmission. The academic dean responsible for the program will decide this matter. Students readmitted after a break of more than five years (undergraduates must be within 30 credits of degree completion) may request approval to follow the program requirements in place at the time of their readmission. The vice president of academic affairs (or designee) will decide this matter. In all cases, NYSED regulations will guide these decisions.
- For most programs, the undergraduate cumulative grade point average (GPA) will be a minimum of 2.0 and the graduate cumulative GPA will be a minimum of 3.0. Some programs require a higher minimum cumulative GPA. These minimum cumulative GPA requirements cannot be waived, and New York Institute of Technology does not round the cumulative GPA.
- All undergraduate courses in which the grades of A–D (inclusive of + and - grades) and F, and graduate courses with grades of A–C (inclusive of + and - grades) and F, will be used in the computation of the cumulative GPA unless a course is major modified[2] or complies

with the university repeat policy.

- All required and elective undergraduate courses (or approved course substitutions) must be completed with a minimum grade of D or P. Graduate courses (or approved substitutions) must be completed with a minimum grade of C or P. Courses that have specific grade requirements will be considered completed only when the required grade is achieved. Effective 2002, prior to graduation, all outstanding coursework must be completed and a grade recorded.
- To be eligible for graduation, undergraduate students must complete a minimum of 30 credits toward their degree. A minimum of 15 credits in the major must be taken in residence at New York Institute of Technology. At least nine credits must be advanced-level courses (300 or higher) in the major field of study. Graduate students will satisfy the residency requirements specific to the academic program.
- Upon satisfactory completion of program requirements, students will be awarded a certificate or degree for the program in which they matriculated. A second certificate or degree will not be awarded for programs whose requirements are a subset of the program in which the student is matriculated. A second certificate or degree can be awarded after all program requirements for the second certificate or degree are satisfied or as specified in the academic catalog.

Modifications to program requirements are managed as follows:

The number of credits required for academic programs is specified in the academic catalog. A maximum of two elective credits can be waived by the dean or designee responsible for the program. However, the total number of credits required to graduate will not be less than required by NYSED.

General education course requirements cannot be waived. Course substitutions within the general education requirements may be approved by the dean or designee for the discipline responsible for the general education requirement.

Major course requirements cannot be waived. Course substitutions for major courses and program electives can be approved by the dean or designee responsible for the academic program.

The number of course substitutions within the major are limited to three to avoid changing the focus of the program. More than three substitutions require approval of the dean responsible for the program.

Retroactive graduation will be considered only if all program requirements have been completed and course substitutions approved as of the requested retroactive graduate date. The dean of the program will consider the request and make a recommendation to the provost and vice president for academic affairs, who will decide the matter.

Degrees with Distinction

A graduating undergraduate student who has achieved a cumulative GPA of at least 3.7 receives the baccalaureate degree summa cum laude; at least 3.5, magna cum laude; and at least 3.2, cum laude. A graduating graduate student who has achieved a minimum 3.5 cumulative GPA will graduate with distinction. Undergraduate and graduate certificate students and associate degrees are not eligible for honors. These distinctions are noted on students' diplomas as well as on their transcripts.

Students must complete 55 percent of all coursework at New York Institute of Technology. If 55 percent of the coursework was not taken at New York Tech, grades for all courses accepted as transfer credit will also be included in the calculation of academic honors. Students must first receive at least a 3.2 GPA at New York Institute of Technology before transfer credits are included in the cumulative average. Fifty-five percent of all college course grades must be in the form of letter grades from either New York Institute of Technology or a former college. Students who do not have at least 55 percent of their credits in courses for which letter grades have been given are not considered for honors.

Notes:

[1] As approved by the Academic Senate and submitted by the Admissions and Academic Standards Committee.

[2] Major modified courses are not included in the computation of the cumulative GPA but remain on the academic transcript. Major modified courses must be approved by a chairperson/dean.

Requirements for a Second Bachelor's Degree

Students who already hold a bachelor's degree may earn a second bachelor's degree by satisfying the following requirements:

1. Upon application to the Office of Admissions, the student should be directed to seek formal advisement from the department. With this advisement on record, the student may proceed and be reviewed for acceptance into the program.
2. A cumulative GPA of at least 2.0 must be earned in the courses taken at New York Institute of Technology for the second degree.
3. Work toward a second degree must be completed in a major or program distinctly different from the major or program of the first degree.
4. A student must complete all core requirements of a bachelor's degree. The work in the major area of concentration must be completed in accordance with the requirements listed in the applicable catalog.
5. A minimum of 36 credits over and above any used to satisfy the requirements of the first bachelor's degree must be completed at New York Institute of Technology. A minimum of 18 of these 36 credits must be in the new major field of concentration. Students must be aware that completing a new major field of concentration may require significantly more than 36 credits. Students may not retake courses previously completed toward the first degree.

Students should have an approved degree map on file showing an academic plan at the start of their studies.

Family Educational Rights and Privacy Act Annual Notice and Directory Info

The Family Educational Rights and Privacy Act (FERPA) affords eligible students certain rights with respect to their education records. An "eligible student" under FERPA is 18 years of age or older or attends a post-secondary institution. Rights include:

1. The right to inspect and review the student's education records within 45 days after the day New York Institute of Technology receives a request for access. A student should submit to the registrar, dean, head of the academic department, or other appropriate official, a written request that identifies the record(s) the student wishes to inspect. The New York Institute of Technology official will make arrangements for access and notify the student of the time and place where the records may be inspected. If the records are not maintained by the official to whom the request was submitted, that official shall advise the student of the correct official to whom the request should be addressed.
2. The right to request the amendment of the student's education records that the student believes is inaccurate, misleading, or otherwise in violation of the student's privacy rights under FERPA.

   A student who wishes to ask New York Institute of Technology to amend a record should write the official responsible for the record, clearly identify the part of the record the student wants changed, and specify why it should be changed.

   If New York Institute of Technology decides not to amend the record as requested, the university will notify the student in writing of the decision and the student's right to a hearing regarding the request for amendment. Additional information on the hearing procedures will be provided to the student when notified of the right to a hearing.
3. The right to provide written consent before the university discloses personally identifiable information (PII) from the student's education records, except to the extent that FERPA authorizes disclosure without consent.

   New York Institute of Technology discloses education records without a student's prior written consent under the FERPA exception for disclosure to school officials with legitimate educational interests. A school official is a person employed by New York Institute of Technology in an administrative, supervisory, academic, research, or support staff position (including law enforcement unit personnel and health staff); a person serving on the board of trustees; or a student serving on an official committee, such as a disciplinary or grievance committee. A school official also may include a volunteer or contractor outside of New York Institute of Technology who performs an institutional service of function for which the university would otherwise use its own employees, and who is under the direct control of New York Institute of Technology with respect to the use and maintenance of PII from education records, such as an attorney, auditor, or collection agent, or a student volunteering to assist another school official in performing their tasks. A school official has a legitimate educational interest if the official needs to review an education record in order to fulfill their professional responsibilities for New York Institute of Technology.

   Upon request, New York Institute of Technology also discloses education records without consent to officials of another school in which a student seeks or intends to enroll.
4. The right to file a complaint with the U.S. Department of Education concerning alleged failures by New York Institute of Technology to comply with the requirements of FERPA. The name and address of the office that administers FERPA is:

   Family Policy Compliance Office
   U.S. Department of Education
   400 Maryland Avenue, SW
   Washington, DC 20202

FERPA permits the disclosure of PII from students' education records, without consent of the student, if the disclosure meets certain conditions found in §99.31 of the FERPA regulations. Except for disclosures to school officials, disclosures related to some judicial orders or lawfully issued subpoenas, disclosures of directory information, and disclosures to the student, §99.32 of FERPA regulations requires the institution to record the disclosure. Eligible students have a right to inspect and review the record of disclosures. New York Institute of Technology may disclose PII from education records without obtaining prior written consent of the student.

- To other school officials, including professors, within the university whom New York Institute of Technology has determined to have legitimate educational interests. This includes contractors, consultants, volunteers, or other parties to whom New York Institute of Technology has outsourced institutional services or functions, provided that the conditions listed in §99.31(a)(1)(i)(B)(*1*) – (a)(1)(i)(B)(*2*) are met. (§99.31(a)(1))
- To officials of another school where the student seeks or intends to enroll, or where the student is already enrolled if the disclosure is for purposes related to the student's enrollment or transfer, subject to the requirements of §99.34. (§99.31(a)(2))
- To authorized representatives of the U.S. Comptroller General, the U.S. Attorney General, the U.S. Secretary of Education, or state and

local educational authorities, such as a state postsecondary authority that is responsible for supervising New York Institute of Technology's state-supported education programs. Disclosures under this provision may be made, subject to the requirements of §99.35, in connection with an audit or evaluation of federal- or state-supported education programs, or for the enforcement of or compliance with federal legal requirements that relate to those programs. These entities may make further disclosures of PII to outside entities that are designated by them as their authorized representatives to conduct any audit, evaluation, or enforcement or compliance activity on their behalf. (§§99.31(a)(3) and 99.35)

- In connection with financial aid for which the student has applied or which the student has received, if the information is necessary to determine eligibility for the aid, determine the amount of the aid, determine the conditions of the aid, or enforce the terms and conditions of the aid. (§99.31(a)(4))
- To organizations conducting studies for, or on behalf of, New York Institute of Technology, in order to: (a) develop, validate, or administer predictive tests; (b) administer student aid programs; or (c) improve instruction. (§99.31(a)(6))
- To accrediting organizations to carry out their accrediting functions. ((§99.31(a)(7))
- To parents of an eligible student if the student is a dependent for IRS tax purposes. (§99.31(a)(8))
- To comply with a judicial order or lawfully issued subpoena. (§99.31(a)(9))
- To appropriate officials in connection with a health or safety emergency, subject to §99.36. (§99.31(a)(10))
- Information New York Institute of Technology has designated as "directory information" under §99.37. (§99.31(a)(11))
- To a victim of an alleged perpetrator of a crime of violence or a nonforcible sex offense, subject to the requirements of §99.39. The disclosure may only include the final results of the disciplinary proceeding with respect to that alleged crime or offense, regardless of the finding. (§99.31(a)(13))
- To the general public, the final results of a disciplinary proceeding, subject to the requirements of §99.39, if New York Institute of Technology determines the student is an alleged perpetrator of a crime of violence or nonforcible sex offense and the student has committed a violation of New York Institute of Technology's rules or policies with respect to the allegation made against them. (§99.31(a)(14))
- To parents of a student regarding the student's violation of any federal, state, or local law, or of any rule or policy of New York Institute of Technology, governing the use or possession of alcohol or a controlled substance if the university determines the student committed a disciplinary violation and the student is under the age of 21. (§99.31(a)(15))

FERPA is designed to protect the privacy of students' educational records, to establish student's right to inspect and review these records, and to provide guidelines for correcting inaccurate data about students. New York Institute of Technology fully complies with this federal act as follows:

- New York Institute of Technology designates the following categories of student information as public or "directory" information pursuant to existing laws, and may disclose or release the information without written consent:
    - name
    - major field of study
    - minor field of study
    - address
    - telephone number
    - email address
    - dates of attendance
    - participation in officially recognized activities and sports
    - photos
    - height/weight (for athletic team members)
    - date/place of birth
    - degrees and awards received and dates awarded
    - most recent previous institution attended
    - school/college
- New York Institute of Technology also complies with the federal Solomon Amendment, which requires colleges and universities to provide the following information from student records if requested by military recruiters:
    - name
    - address
    - telephone number
    - age or date of birth
    - present level of education such as freshman or sophomore
    - date of graduation
    - academic field of study
- Students must inform the college if they do not want this information disclosed by filing a written request with the Office of the Registrar. This can be done using a Request to Prevent Disclosure of Directory Information.

Online FERPA Submission

Students can also now complete the FERPA student release form online through their Student Service **HUB**—Your **H**ome for **U**niversity **B**usiness.

Please follow these steps to submit the FERPA online:

- Log in to the Student Service HUB and click on the My Profile tile. Select "FERPA Forms" from the menu.
- Click the "FERPA Student Release Form." The form will automatically populate your phone and address information. Please confirm that this is correct, or update if it is outdated by following the "Update Home Address" or "Update Mobile Number" links.
- Once you have completed all of the required fields, you may submit the FERPA which will remain in effect until you revoke the authorization.
- You may revoke the FERPA online if need be.

PIPA (Personal Information Protection Act)

New York Institute of Technology also complies with the *Personal Information Protection Act* (PIPA), which applies to students attending the Vancouver campus in British Columbia, Canada.

HEGIS and CIP Code Directory

New York Institute of Technology courses of study are registered by the New York State Education Department (NYSED), Office of Higher Education and the Professions, under the Higher Education General Information Survey (HEGIS), and the U.S. Department of Education's National Center for Education Statistics (NCES), under the Classification of Instructional Programs (CIP). Please view the HEGIS and CIP code directory below.

New York State Education Department
Office of Higher Education and the Professions
Cultural Education Center
Room 5B28
Albany, NY 12230

U.S. Department of Education
National Center for Education Statistics
Institute of Education Sciences
Potomac Center Plaza
550 12th Street, SW
Washington, D.C. 20202

Code Directory

Degree	Program Description	CIP Code	HEGIS Code
ACERT	Bilingual Extension	13.0299	0801.00
ACERT	Bilingual School Counseling	13.1101	0826.01
ACERT	Bilingual Special Education Extension	13.0201	0899.00
ACERT	Business Analytics	30.7102	0503.00
ACERT	Energy Technology	15.9999	0925.00
ACERT	Environmental Management	03.0103	0599.00
ACERT	Facilities Management	04.0902	0599.00
ACERT	Human Resources Management	52.1001	0515.00
ACERT	Infrastructure Security Management	15.0703	2199.00
ACERT	Marketing	52.1801	0509.00
ACERT	Nutrition for Healthcare Providers	30.1901	0424.00
ACERT	Science, Technology, Engineering, and Math Education	13.9999	0899.00
ACERT	Student Behavior Management	13.1101	0826.01
ACERT	Virtual Education	13.9999	0799.00
BA	Interdisciplinary Studies	30.9999	4901.00
BARCH	Architecture	04.0902	0202.00
BFA	Digital Art	11.0803	1009.00
BFA	Graphic Design	11.0803	1009.00
BFA	Interior Design	04.0902	1009.00

BPS	Interdisciplinary Studies	30.9999	4901.00
BS	Applied and Computational Mathematics	27.0304	1703.00
BS	Architectural Technology	04.0902	0299.00
BS	Bioengineering	14.0501	0905.00
BS	Biology	26.0101	0401.00
BS	Biotechnology	26.1201	0499.00
BS	Business Administration	52.0201	0506.00
BS	Chemistry	40.0501	1905.00
BS	Computer Science	11.0101	0701.00
BS	Construction Engineering	14.3301	0908.00
BS	Electrical and Computer Engineering	14.1001	0909.00
BS	Electrical and Computer Engineering Technology	15.0000	0925.00
BS	Engineering Management	15.1501	0913.00
BS	Exercise Science	26.0908	1299.00
BS	Health and Wellness	26.0102	1201.00
BS	Health Sciences	26.0102	1201.00
BS	Information Technology	11.0103	0701.00
BS	Interdisciplinary Studies	30.9999	4901.00
BS	Life Sciences	26.0101	0401.00
BS	Mechanical Engineering	14.1901	0910.00
BS	Nursing	51.3801	1203.00
BS	Nursing	51.3801	1203.10
BS	Physics	40.0801	1902.00
BS	Psychology	42.0101	2001.00
BS	Psychology	42.2799	2001.00
CERT	Esports Management and Entrepreneurship	52.0101	0599.00
CERT	Global Health	51.2201	1214.00
CERT	Technical Writing	09.0101	5008.00
DO	Osteopathic Medicine	51.1901	1210.01
DPT	Physical Therapy	51.2308	1212.00
MA	User Experience/User Interface Design and Development (UX/UI)	11.0801	1009.00
MARCH	Architecture	04.0902	0202.00
MAT	Adolescence Education	13.1205	0803.00
MBA	Executive	52.0201	0506.00
MBA	Management	52.1301	0506.00
MEM	Energy Management *(Vancouver campus only)*	15.1701	0599.00
MFA	Digital Art and Design	11.0803	1009.00
MPH	Public Health	51.2201	1214.00
MS	Academic Medicine	51.1401	1207.01
MS	Architecture, Computational Technologies	04.0902	0202.00
MS	Architecture, Health and Design	04.0902	0202.00
MS	Architecture, Urban Design	04.0902	0205.00
MS	Bioengineering	14.0501	0905.00
MS	Biomedical Sciences	26.0102	1299.00
MS	Childhood Education	13.1202	0802.00
MS	Clinical Nutrition	30.1901	0424.00
MS	Computer Science	11.0101	0701.00
MS	Counseling	13.1101	0826.01
MS	Cybersecurity	11.1003	0799.00
MS	Data Science	11.0199	0799.00
MS	Early Childhood Education	13.1210	0823.00
MS	Electrical and Computer Engineering	14.1001	0909.00
MS	Energy Management	15.1701	0599.00
MS	Mechanical Engineering	14.1901	0910.00
MS	Medical/Healthcare Simulation	51.9999	1299.00
MS	Mental Health Counseling	51.1505	2104.10

MS	Occupational Therapy	51.2306	1208.00
MS	Physician Assistant Studies	51.0912	1299.10
MS	Risk Management	52.1304	0506.00
OTD	Occupational Therapy	51.2306	1208.00
PHD	Biological and Medical Sciences	51.1401	1299.00
PHD	Computer Science	11.0701	0701.00
PHD	Engineering	14.0101	0901.00

Enrollment in other than registered or otherwise approved programs may jeopardize a student's eligibility for certain student aid awards. All of the above programs are registered as indicated.

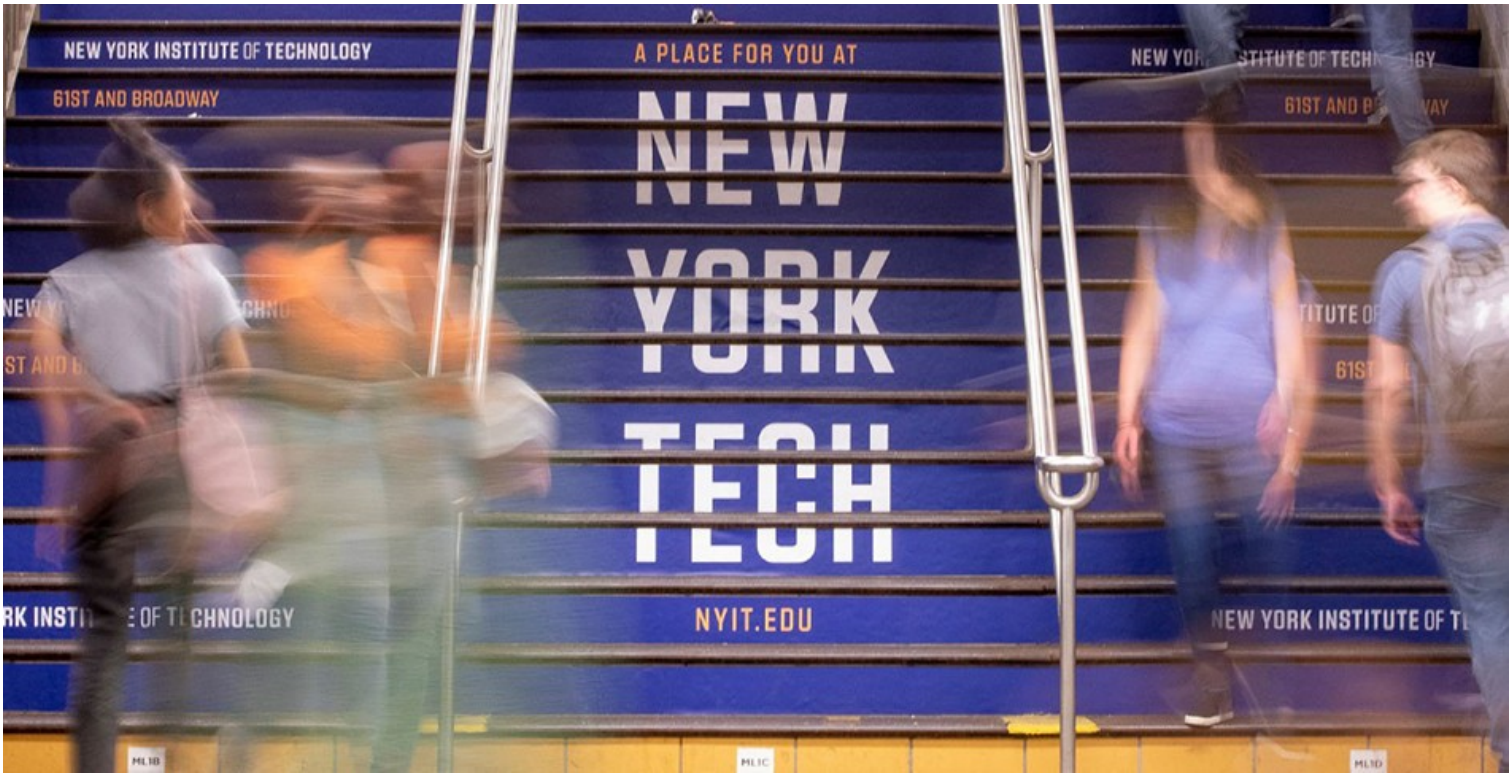
Policies and Rules

Calendar for Completing Incomplete Grades

Incomplete grade earned for:	Must be completed by end of:
Cycle A 2024	Cycle C 2025 (03/13/25)
Cycle B 2024	Cycle D 2025 (05/17/25)
Intersession 2025	Cycle D 2025 (05/17/25)
Fall 2024	Summer Session III 2025 (08/29/25)
Cycle C 2025	Summer Session III 2025 (08/29/25)
Cycle D 2025	Cycle A 2025 (10/23/25)
Spring 2025	Fall 2025 (12/20/25)
Summer Session I 2025	Cycle B 2025 (12/20/25)
Summer Session II 2025	Cycle B 2025 (12/20/25)
Summer Session III 2025	Cycle B 2025 (12/20/25)

Policies and Rules

Other New York Institute of Technology Policies



Students who enroll at New York Institute of Technology are responsible for knowledge of, and compliance with, all policies and rules affecting them, including but not limited to those in the student handbooks, traffic and parking regulations, and residence life, as a condition upon which their status at the college is contingent. Copies of all policies and rules affecting students are available on all campuses in the offices of Student Life, Accessibilities, Counseling and Wellness Services, and Residence Life.

Areas covered by New York Institute of Technology policies include, but are not limited to:

- Academic Integrity
- Accommodation Policy for Students with Disabilities
- Computer Requirements (Minimum)
- Grade Appeals Policy and Procedure
- Identification Cards
- New York Institute of Technology Statement on Non-Discrimination
- Ownership of Student Work
- Parking Stickers
- Personal Information Protection (applies to students attending the Vancouver campus in British Columbia)
- Photo Release

- Recreation and Drug Policy
- Religious Observances and Academic Requirements
- Gender-Based Misconduct and Title IX Policy
- Updating Contact Information
- Use of Copyrighted Material
- Verification of Student Identity for Online/Distance Learning

View all policies affecting students online at nyit.edu/policies

Financial Aid: Undergraduate Students

New York Institute of Technology is committed to helping students afford the opportunity for a valuable education. In order for the college to determine eligibility for financial aid, all students (except international students) must complete the Free Application for Federal Student Aid (FAFSA) at studentaid.gov. Financial aid is provided through various sources (e.g., college, state, and federal funds). This aid is offered in the form of scholarships, grants, loans, and employment opportunities. Aid offers are designed to recognize scholastic achievement, service, and/or demonstrated financial need. The variety of financial aid programs available allows many students to greatly reduce their educational costs while attending New York Institute of Technology.

Financial aid offers are not guaranteed and are subject to any and all revisions in federal, state, and institutional policies, availability of funds, changes in enrollment, minimum grade requirements, housing status, and timely submission of all required documentation, including official transcripts, as well as adjustment of any miscalculation of awards. Student's financial aid eligibility requires registration in appropriate program level courses. (It is the student's responsibility to request, complete, and submit all forms with necessary documentation for all financial aid programs, including scholarships, in a timely manner. Awards are not granted retroactively and are subject to funds availability.) All students must meet Satisfactory Academic Progress (SAP) requirements at all times in order to receive and retain financial aid. New York Institute of Technology reserves all rights to review and/or modify its financial aid programs. All programs are subject to change due to revisions in federal or state government or institutional policies. Additional criteria and information may be obtained from the Office of Financial Aid. Students are responsible for reading Financial Aid Disclosures before deciding to accept or decline their financial aid.

It is the student's responsibility to be aware of all filing deadlines for financial aid and to notify the Office of Financial Aid of any changes in enrollment, housing status, and dependency status. Students should be aware that in the event of an over-award, a situation that occurs when the amount of aid exceeds the student's financial need or cost of attendance, federal regulations require that the aid be reduced to within the student's established educational cost of attendance.

- **Find:** Financial Aid Consumer Information

- **Student Expenses:** Get Help Calculating the Costs of Education
- **Institutional Eligibility:** *2023–2024 FSA Handbook*, Volume 2, Chapter 1
- **File a Complaint:** Consumer Financial Protection Bureau or New York State Education Department

FERPA Regulations

More

The following guidance provides eligible students with general information about the Family Educational Rights and Privacy Act (FERPA) …

Go to entry

Federal Application Requirements and Procedures

More

- Requirements for Federal Student Aid
- Federal Verification Requirements

Go to entry

Requirements for Determination of Independent Student Status

More

To be considered an independent student for any federal financial aid program, students must meet the following criteria …

Go to entry

Scholarships and Grants

More

- First-Year Student Scholarships
- Transfer Scholarships
- Continuing Student Scholarships
- New York Tech Grant
- Athletics Service to School Award

Go to entry

Eligibility: All Students

More

For maximum consideration for all types of scholarships and awards, students must file the Free Application for Federal Student Aid (FAFSA) by the **February 14** priority date. Additional information on program-specific awards and availability can be found by visiting the Office of Financial Aid.

Go to entry

Federal Grants

More

- Federal Pell Grant
- Federal Supplemental Educational Opportunity Grant (FSEOG)

- Federal College Work-Study Program (CWSP)

State Grants & Scholarship Programs

More

- New York State Tuition Assistance Program (TAP)
- New York State Aid for Part-Time Study (APTS)
- NY State Veterans Tuition Awards
- New York State Native American Indian Aid Program
- Adult Career and Continuing Education Services (ACCES-VR)
- New York State Achievement and Investment in Merit Scholarship (NY-AIMS)
- New York State Math and Science Teaching Incentive Scholarships
- New York State STEM (Science, Technology, Engineering, and Mathematics) Incentive Program
- New York State Military-Related Awards
- New York State Regents Awards for Children of Deceased & Disabled Veterans
- New York State Scholarships for Academic Excellence
- New York State World Trade Center Memorial Scholarship

Other State Aid Outside of New York

More

- Vermont Incentive Grant

Loans

More

- Federal Direct Loans
- Federal Parent Loans for Undergraduate Students (PLUS)
- Federal Perkins Loans
- Federal Loan Repayment Plans
- Private Loans

Satisfactory Academic Progress (SAP) Policy

More

- Financial Aid Rules Regarding Academic Progress and Satisfactory Standards for Financial Aid Eligibility
- Introduction, Guidelines for Academic Progress
- Qualitative Standard, Undergraduate Standard
- Pace (formerly referred to as the Quantitative Standard), Completion Rate, Maximum Time Frame for Degree Completion
- Effects of Remedial, ESL, and Repeated Courses, Consequences of Failure to Meet Satisfactory Academic Progress
- Financial Aid Warning, Financial Aid Probation, Appeal Process
- Tuition Assistance Program (TAP) Satisfactory Academic Progress, TAP Waivers

Go to entry

Title IV Student Withdrawal Policy

More

- Objective, Background, Policy
- Withdrawal Date, Official Notification Provided, Official Notification Not Provided
- Last Date of Attendance, Date of Institution's Determination of Student Withdrawal
- Date of Official Notification Provided, Date of Official Notification Not Provided, Rescission of Withdrawal

- Calculation of Earned Title IV Assistance, Withdrawal from Cycle Classes, Post-Withdrawal Disbursements
- Refund of Unearned Funds to Title IV, Refunds by the College, Refunds by the Student
- Payment Period or Enrollment Period, Documentation

Go to entry

Veterans Benefits

More

Veterans may qualify for additional benefits, including the Yellow Ribbon Program. For more information, contact the following agencies:

- U.S. Department of Veterans Affairs (VA)
- GI BILL®
- NY State Veterans
- Office of the Registrar at the Long Island campus, email: registrar@nyit.edu

Go to entry

Additional External Study Options

Study Abroad Programs

More

New York Institute of Technology's study abroad programs offer exciting and effective ways to learn about the rapidly changing world and offer students opportunities to experience different cultures. New York Institute of Technology has several study abroad programs administered by various academic departments that enable students to earn credits toward an academic degree …

Go to entry

Financial Aid for Consortium Agreements

More

New York Tech students who want to attend other institutions in the United States or abroad for a semester may be able to use federal financial aid under a consortium agreement. Students must be approved by their respective academic department prior to attending another institution for the semester(s) …

Go to entry

Financial Aid for Contractual Agreements

More

New York Tech students who want to attend other non-Title IV-eligible institutions in the United States or abroad for a semester may be able to use federal financial aid under a contractual agreement. Students must be approved by their respective academic department prior to attending the semester(s) …

Go to entry

Cooperative Tuition Award

More

The Cooperative Tuition Certificate is an award that recognizes cooperating professionals/clinical instructors for mentoring New York Tech

students. This certificate is granted in recognition of service rendered to the university via the Cooperating Professional or Clinical Instructor programs …

Go to entry

Additional Financial Aid Policies for Undergraduate Students

High School Diploma

More

If you enroll in higher education for the first time on or after July 1, 2012, in order to be eligible for federal student aid, you must have either a high school diploma or a recognized equivalent, as defined by state law …

Go to entry

Transfer Students

More

All students transferring from other institutions will have their credits evaluated by the Transfer Credit Evaluation department once admitted to New York Institute of Technology. The final number of transferred credits will be posted to the system of record only after the student is enrolled and all final official transcripts and relevant test scores have been received …

Go to entry

Combined Degree Programs – Federal Aid Eligibility

More

Students enrolled in a combined undergraduate/graduate program are considered undergraduate for the first 90 credits for the purposes of awarding federal student aid excluding students enrolled in the B.S./D.O. program. Upon satisfactory completion of 90 undergraduate credits, they become eligible to receive federal student loans at the graduate level …

Go to entry

Undergraduate Students Enrolled in Graduate Courses

More

A student in an undergraduate degree program is not eligible for graduate loans based on taking graduate coursework as a part of the undergraduate program. An undergraduate student who elects to enroll in graduate coursework must obtain approval from both their academic department and the Office of the Registrar …

Go to entry

Preparatory Coursework

More

- Policy
- English as a Second Language (ESLI Courses): Financial Aid Eligibility

Go to entry

Financial Aid for Repeated Coursework: Financial Aid Impact

More

- Repeating courses may significantly impact Satisfactory Academic Progress (SAP) and eligibility for Title IV federal financial aid and institutional aid
- Repeated Coursework: New York State Tuition Assistance Program Regulations (TAP)

Go to entry

GI BILL® is a registered trademark of the US Department of Veterans Affairs (VA). More information about education benefits offered by VA is available at the official US government website at http://www.benefits.va.gov/gibill.

Financial Aid Undergraduate

Adult Career and Continuing Education Services (ACCES-VR)

The mission of the Adult Career and Continuing Education Services–Vocational Rehabilitation (ACCES-VR) program is to assist individuals with disabilities to achieve and maintain employment, and to support independent living through training, education, rehabilitation, and career development. They provide vocational, rehabilitation, and independent living services to all eligible persons to enable them to work and live independent, self-directed lives.

For further information, contact 1.800.222.JOBS (5627) or visit NYSED.

Financial Aid Undergraduate

Athletics Service to School Award

The New York Tech Athletics Program has been suspended indefinitely due to the pandemic.

For the 2024–2025 academic year, we are honoring the athletic scholarship amounts in the 2020–2021 Athletic Agreement Letters, provided that students attend full time and continue to make satisfactory academic progress towards degree completion.

Financial Aid Undergraduate

Combined Degree Programs – Federal Aid Eligibility: Undergraduate Students

Students enrolled in a combined undergraduate/graduate program are considered undergraduate for the first 90 credits for the purposes of awarding federal student aid, excluding students enrolled in the B.S./D.O.* program. Upon satisfactory completion of 90 undergraduate credits, they may become eligible to receive federal student loans at the graduate level. Students must apply for the graduate portion of their combined program by contacting the Office of Graduate Admissions. Students who have been awarded an undergraduate academic scholarship, and continue to meet renewal criteria, will receive the scholarship while enrolled in the undergraduate portion of the program only, up to 90 credits. After transition to the graduate level (91+ credits; excluding B.S./D.O.*), students may be eligible for a variety of special scholarship programs depending on the enrolled program of study, cumulative GPA, and other factors. In order to receive graduate-level financial aid, the student must also update the FAFSA student data fields from undergraduate to graduate level.

** B.S./D.O. students require 115 credits to be completed in the first six semesters of the program. Upon completion of these credits, B.S./D.O. students enter NYIT College of Osteopathic Medicine and are under the auspices of NYITCOM's Financial Aid Office policies pertaining to*

institutional aid.

Combined Programs

Students enroll in a single seamless program where they will be expected to complete both undergraduate and graduate degrees. The program sometimes offers special sections of required courses specifically for students in the combined program, but otherwise completes the requirements for both degrees.

- Life Sciences, B.S./Occupational Therapy, M.S.
- Life Sciences, B.S./Occupational Therapy, O.T.D.
- Life Sciences, B.S./Osteopathic Medicine, D.O.
- Life Sciences, B.S./Physical Therapy, D.P.T.
- Life Sciences, B.S./Physician Assistant Studies, M.S.
- Psychology, B.S./School Counseling, M.S.

Accelerated Master's Programs

These are two separate degree programs with two separate entry points. Students first enroll in a bachelor's program. In their junior or senior year, if they have a sufficiently high GPA, they may take certain graduate-level courses to complete their undergraduate requirements. Upon graduating with their bachelor's degree, they may then enroll in a related master's program, with the benefit of having already earned credits towards their graduate degree. This allows them to earn their second degree on an accelerated basis, usually in half the time of a normal master's degree.

Note: Since accelerated master's programs consist of two separate degree programs, **unlike the combined degrees, there are no changes in the normal rules for financial aid.**

- College of Arts and Sciences Bachelor of Science programs, with Accelerated M.S./M.A.T. Options
- College of Engineering and Computing Sciences Bachelor of Science programs, with Accelerated M.S. Options
- Interior Design, B.F.A./Master of Business Administration, M.B.A.
- School of Architecture and Design programs, with Accelerated M.Arch. Options

Continuing Student Scholarships

This policy is effective for scholarships and grants earned for the fall 2020 semester, and for all subsequent semesters. This complies with updated federal regulations in the *Federal Student Aid Handbook*, published December 7, 2022.

New York Institute of Technology has established awards to recognize full-time (12 or more credits) undergraduate students who have demonstrated their commitment to the college and have achieved academic success after earning credits at the university. Awards will be granted each semester, based on full-time attendance in the previous term and a minimum cumulative GPA. Earned credits must be applicable to the student's degree program of study. Scholarships are not offered in the summer term.

New York Tech Scholar Incentive Awards: $3,000–$4,000

This award is for full-time undergraduate students who were not awarded any other university academic scholarship upon admittance. If you have demonstrated your commitment to New York Tech and have achieved academic success after earning 30–59 credits at the university, then you may be awarded between $3,000 and $4,000.

Awards will be granted each semester. You cannot receive two merit-based academic scholarships concurrently. In the event that you qualify for more than one scholarship, the one with the highest dollar value will be awarded.

If you qualify, you will receive this award for a maximum of three years (six semesters) of continuous enrollment in a four-year program.

To qualify, students must:

- Complete the FAFSA (U.S. students only).
- Be a full-time matriculated undergraduate student with 30–59 credits applicable to your degree
- Maintain Satisfactory Academic Progress
- Have a minimum cumulative GPA of 3.0. If you have a cumulative GPA of 3.5 or higher, then you may receive the higher scholarship amount.

New York Tech Academic Scholarship Program: $3,000–$4,000

This program recognizes and honors undergraduate students who have demonstrated a commitment to New York Tech. This award is for full-time undergraduate students who were not awarded any other university academic scholarship upon admittance. You may receive an award if you have shown consistent academic success after earning 60 or more credits applicable toward your degree. If you qualify, you will receive this award for a maximum of two years (four semesters).

You cannot receive two merit-based academic scholarships concurrently. In the event that you qualify for more than one scholarship, the one with the highest dollar value will be awarded.

To qualify, students must:

- Complete the FAFSA (U.S. students only)
- Be a full-time matriculated undergraduate New York Tech student with 60 or more credits applicable to your degree
- Maintain Satisfactory Academic Progress
- Have a minimum cumulative GPA of 3.0

New York Tech Grant: Amount Varies

This grant is awarded to a limited number of current undergraduate students based upon financial need as determined, in part, by the results of your completed Free Application for Federal Student Aid (FAFSA). This grant is not renewable; amounts may vary each year. New York Tech Grants are for tuition only and are divided equally between fall and spring semesters. Eligibility for institutional scholarships and grants is limited to students whose Office of Admissions-assigned campus location is New York City, Long Island, or Online. The New York Tech Grant cannot be used for summer or intersession-only periods of attendance. Students who receive full-tuition awards such as tuition remission or tuition exchange, as well as discounted tuition rates and other institutional grants (e.g., Athletics Service to School award or Athletics Grant-in-Aid award), may be ineligible for the New York Tech Grant.

To qualify, students must:

- Complete the FAFSA (U.S. students only)
- Maintain satisfactory academic progress and be eligible for federal financial aid
- Be enrolled full-time (minimum 12 credits)

New York Tech Resident Hall Grant: Amount Varies

This grant is awarded to a limited number of undergraduate students based upon financial need as determined, in part, by the results of your completed Free Application for Federal Student Aid (FAFSA), and on-campus housing and food costs. The New York Tech Resident Hall Grant amount may vary each year. It is for on-campus housing and food costs only and is divided equally between fall and spring semesters; this grant is not applied towards tuition. Eligibility for the New York Tech Resident Hall Grant is limited to students whose Office of Admissions-assigned campus location is Long Island or New York City. The New York Tech Resident Hall Grant cannot be used for summer or intersession-only periods of attendance. Students who receive full-tuition awards such as tuition remission or tuition exchange, as well as discounted tuition rates and other institutional grants (e.g., Athletics Service to School award or Athletics Grant-in-Aid award), may be ineligible for the New York Tech Resident Hall Grant.

To qualify, students must:

- Complete the FAFSA (U.S. students only)
- Maintain satisfactory academic progress and be eligible for federal financial aid
- Be enrolled full-time (minimum 12 credits)
- Stay in the residence halls on the Long Island or New York City campuses

Dr. Martin Luther King, Jr. Scholarship: up to $1,000 per year

Created in memory of Dr. Martin Luther King Jr., and in recognition of his beliefs, this scholarship is granted to low-income minority undergraduate and graduate students with high levels of academic achievement, leadership ability, and outstanding character. Application requirements and awards are determined on a semester-by-semester basis.

To qualify, students must:

- Complete the FAFSA (U.S. students only)
- Request an application: email heopma@nyit.edu or call 212.261.1545

Children of Police Officers, Firefighters, EMT, and K–12 Teachers Award

This award acknowledges New York Tech students with parents or legal guardians who are active, fully employed (non-volunteer) within the tri-state region (NY, NJ, CT) in certain professional service positions serving their community. The award will cover up to 50 percent of a students' flat-rate full-time tuition (12–18 credits) for no more than eight continuous full-time semesters of enrollment (six semesters for transfers, 10

semesters for an approved five-year program). If a student has been awarded other "tuition only" awards (including state grants, merit scholarships, and university grants), the Children of Police Officers, Firefighters, EMT, and K–12 Teachers Award will supplement up to 50 percent of tuition. Only credits/courses for full-time enrollment within the student's program of study are eligible. The award applies to fall and spring semesters only. Students who qualify for special discounted tuition packages or have specific program scholarships (e.g., HEOP, an athletic award, tuition remission, tuition exchange) are disqualified, as students may only qualify for one discounted tuition program at a time.

To qualify, students must:

- Be an entering or continuing full-time undergraduate student in a first degree-granting program at the Long Island or New York City campus
- Have a valid FAFSA on file for the relevant academic year prior to the award application deadline
- Parent or legal guardian must be actively employed full-time (non-volunteer) as one of the following professionals:
  - Police Officer
  - Firefighter
  - Emergency Medical Technician (EMT) in emergency medical services
  - Certified Teacher of a K–12 grade
- Submit the Children of Police Officers, Firefighters, EMT, and K–12 Teachers Award form to the Office of Financial Aid once per application year by the deadline.
  - Deadlines: July 15 for fall, December 15 for spring
  - Incomplete applications will not be reviewed or considered. Applications received after the deadline will be placed on hold and be reviewed for the next semester within the academic year.
- Submit a copy of the parent's/legal guardian's unexpired active status employee ID card/badge.
- Submit an official letter on letterhead from the parent's/legal guardian's place of employment verifying their current work status (i.e., full-time and active employment), in addition to completion and submission of Section A on the Children of Police Officers, Firefighters, EMT, and K–12 Teachers Award form.

Additional information and criteria can be viewed at Financial Aid – *New York Tech Scholarships*.

Financial Aid Undergraduate

Cooperative Tuition Award

A Cooperative Tuition Award Certificate entitles the cooperating professional to non-monetary value of the credits requested. The credit value is equal to the credit charge that was in effect on the last day of the placement semester. As such, the cooperating professional will be responsible for all charges not covered by the credit award amount. The certificate is non-transferable. The certificate may not be used for payment of a prior semester charge.

The following terms and conditions govern the use of the tuition award:

1. The Cooperating Professional may not transfer the tuition award.
2. The Cooperating Professional can only redeem this award for Education programs within the NYIT College of Arts and Sciences.
3. No more than six (6) credits may be redeemed per Cooperating Professional per semester; no more than twelve (12) credits may be redeemed per Cooperating Professional per academic program.
4. Parts 1A/B and 2A on page two of the certificate MUST BE COMPLETED and submitted to the Office of Financial Aid within the stated eligible time frame for verification and approval.
5. The original Cooperative Tuition Award Certificate expires THREE CONSECUTIVE SEMESTERS immediately following the end of the placement semester. This expiration term is determined by the Office of Financial Aid.
6. This award entitles the Cooperating Professional to the NON-MONETARY value of the credits for tuition charges. As listed above, this credit value is equal to the credit charge that was in effect on the last day of the placement semester.
7. Tuition awards CANNOT exceed tuition charges. Other institutional aid may be prorated when a tuition award is redeemed.
8. The Cooperating Professional must meet all requirements for admission to the course or program in which enrollment is sought.
9. NO CREDITS or REFUNDS will be honored if this certificate is unused or used for fewer than the maximum credits requested.
10. All outstanding tuition award credits earned but not redeemed within the stated THREE CONSECUTIVE SEMESTER time frame will expire, hold no value, and not be honored.
11. The university reserves the right to deny certificate redemption, in its sole discretion, where it is unable to confirm that appropriate guidelines have been followed.
12. This award cannot be used for semesters after the date and term of expiration.
13. This award is redeemable only for education and school counseling classes.

THE TUITION CERTIFICATE STATEMENT CANNOT BE REPLACED IF LOST OR STOLEN. NO REPRODUCTIONS OF THE CERTIFICATE WILL BE ACCEPTED.

Eligibility: All Students

- Eligibility for New York Institute of Technology institutional scholarships, grants, and assistantships is limited to students whose campus home location is Long Island, New York City, or online, unless otherwise stated.
- The university reserves the right to revise its financial aid programs. All programs are subject to change due to modifications in government or institutional policies. Additional criteria and information may be obtained from the Office of Financial Aid. Students are responsible for reading Financial Aid Disclosures before deciding to accept or decline their financial aid.
- Eligibility for institutional scholarships, grants, and assistantships are contingent upon meeting Satisfactory Academic Progress (SAP).
- Institutional scholarships and grants are offered and applicable to fall and spring semesters only, unless otherwise stated.
- All registered credits, for determination of eligibility, must be applicable to the student's degree program of study.
- Students have the responsibility to request, complete, and submit all forms with necessary documentation for all financial aid programs, including scholarships, in a timely manner.
- Awards are not granted retroactively.
- Any designated "tuition-only" award cannot exceed the cost of tuition and will be reduced accordingly.
- For maximum consideration for all types of scholarships and awards, students must file the FAFSA by the March 15 priority date. (Note: The February 14 priority FAFSA filing date was extended for the 2024–2025 award year due to federal processing delays.) Additional information on program-specific awards and availability can be found by visiting the Office of Financial Aid online.
- Students must maintain continuous, full-time enrollment and the minimum semester and cumulative GPA, as required.

Maintaining Eligibility

If you are receiving federal financial aid funds, you must make Satisfactory Academic Progress (SAP) toward completing your degree program in a timely manner.

If you receive New York Institute of Technology scholarships, you must be enrolled full-time every semester (12 credits or more), maintain SAP, and satisfy cumulative grade point average requirements.

Federal Application Requirements and Procedures: Undergraduate Students

Students (not international students) who wish to apply for scholarships, grants, and/or student loans are required to complete the Free Application for Federal Student Aid (FAFSA). The college code to be used on the FAFSA is 002782. The FAFSA is available online at studentaid.gov in December each year. For maximum consideration for all types of financial aid, students should file the FAFSA applications as early as possible in their application process.

Requirements for Federal Student Aid

In order to qualify for federal student aid, students:

- Must be accepted and fully matriculated into a New York Institute of Technology degree-granting program or eligible certificate program.
- Must have a high school diploma or its recognized equivalent, such as a General Educational Development (GED) certificate or must have completed homeschooling at the secondary level as defined by state law.
- Must be making satisfactory academic progress toward their degree (see Satisfactory Academic Progress (SAP) section for policy).
- Must be enrolled at least half-time to receive aid from the Federal Direct and/or PLUS loan programs
- Must sign statements on the FAFSA stating:
    1. You are not in default on a federal student loan and do not owe money on a federal student grant, and
    2. You will use federal student aid only for educational purposes.
- Must not be in default on a prior federal student loan
- Must be a U.S. citizen or permanent resident or other eligible noncitizen
- Must have a Social Security number
- With the exception of unsubsidized loans and PLUS loans, all other federal student aid requires students to demonstrate financial need

Federal Requirements for Determining Unusual Enrollment History

The Office of Financial Aid must adhere to the U.S. Department of Education's efforts to prevent fraud and abuse in the Federal Pell Grant Program and other federal financial aid programs by identifying students with unusual enrollment histories. An "unusual enrollment history" flag will be included on FAFSA results received from the U.S. Department of Education and will indicate, where applicable, that a student has an unusual enrollment history with regard to the receipt of Federal Pell Grant or Federal Direct Loan funds. The indicator is intended to address possible fraud and abuse in the Title IV student aid programs. For example, one specific enrollment pattern is where a student attends an institution long enough to receive Title IV credit balance funds, leaves without completing the enrollment period, enrolls at another institution, and repeats the pattern of remaining just long enough to collect another Title IV credit balance without having earned any academic credit. The Office of Financial Aid may request additional information from students with an "unusual enrollment history" flag on FAFSA results, and the final receipt of federal and institutional aid is dependent upon satisfactory resolution.

Federal Verification Requirements

There is a process for verifying a student's Free Application for Federal Student Aid (FAFSA) and making corrections because students sometimes make errors on their application. Verification is a process by which a school collects information to ensure that the FAFSA has been completed correctly. The FAFSA Processing System (FPS) of the Department of Education selects applicants to be verified. The university also reserves the right to select applications for verification.

If a student's application is selected for verification, either by the FPS or by the institution, verification is required to be performed by the school. Each year, the Department of Education will determine which items on the FAFSA must be verified. The Office of Financial Aid is responsible for clarifying any conflicting information found on a student's FAFSA and may ask for documentation to verify and resolve any conflicting information.

For the 2024–2025 academic year, students who are selected for verification will be placed in one of the following three verification groups. The verification group determines which FAFSA information must be verified. The student must submit the New York Institute of Technology Verification Worksheet that corresponds with the Verification Group. Worksheets are available for download, or directly from the Office of Financial Aid.

Verification Tracking Groups

- **Standard Verification Group (V1):** Dependent/Independent students, spouses (if applicable), and parents who are tax filers must verify adjusted gross income, U.S. income tax paid, untaxed portions of IRA distributions, untaxed portions of pensions, IRA deductions and payments, tax-exempt interest income, education credits, household size, and number in college. Students and parents who are not tax filers must verify income earned from work, household size, and number in college.
- **Custom Verification Group (V4):** Students must verify identity/statement of educational purpose.
- **Aggregate Verification Group (V5):** Students must verify identity/statement of educational purpose in addition to the items in the Standard Verification Group.

Applicants selected for verification will be notified on the Student Aid Report (SAR). In addition, upon receipt of the Institutional Student Information Record (ISIR), the Office of Financial Aid will send a missing information letter to the student informing them if their application has been selected for verification and which documents must be submitted. The verification results of identity and high school completion status for students whose 2024–2025 ISIR had a Verification Tracking Group of V4 or V5 must be reported to the Department of Education in a timely manner. As such, students whose 2024–2025 FAFSA has been selected for V4 or V5 verification must submit the required documents to the Office of Financial Aid within 14 days of the request for information.

In accordance with federal guidelines, verification must be completed no later than 120 days after the last day of the student's enrollment. Students may receive an estimated financial aid package prior to the completion of the verification process; however, New York Institute of Technology does not disburse any federal financial aid funds until the verification process is completed. The university reserves the right to withhold some institutional aid funds until the verification process is completed. Students who fail to submit the required verification documents will not receive federal aid.

Reference: *2023–2024 FSA Handbook* Volume 1, Chapter 4

Financial Aid Undergraduate

Federal College Work-Study

New York Institute of Technology participates in the federally sponsored Federal College Work-Study Program (FCWS). This program provides part-time jobs to students with financial need while enrolled at the university. A Federal Work Study job is different from other jobs for the following two reasons:

1. The hours are flexible to ensure that students have enough time to study, and
2. When students apply for financial aid for the following year, the money the student earned through this program is excluded in the federal

calculation determining the Estimated Family Contribution (EFC) amount used to determine financial need.

Students should complete the Free Application for Federal Student Aid (FAFSA) as early as possible in their application process and indicate a desire to participate in the Federal College Work Study Program on the FAFSA application. The Office of Financial Aid will determine a student's eligibility based on demonstrated financial need and availability of federal funds.

If a student is eligible and would like to participate in the Federal College Work-Study Program, they must accept the offer of assistance via their online Student Service **HUB** self-service portal. If a student fails to contact the Office of Student Employment by the first week in October for the fall semester, or the first week in February for the spring semester, there is a risk that the college work-study offer may be canceled. Funds are limited and there is usually a waiting list of students who would like to obtain positions. Jobs are available both on and off campus and could include community service work. Once students are assigned a job, they will receive a paycheck for the hours they've worked. If a student does not work enough hours, they may not earn all of the funds that have been offered.

Please be aware that the amount of Federal College Work Study indicated on the Financial Assistance Plan is not deducted from the student's tuition bill, but rather reflects the amount of money available for the student to earn under the program. It is the student's responsibility to obtain a job through the Office of Student Employment. Renewal is dependent upon continued demonstration of financial need, availability of federal funds, and maintenance of the minimum academic standards established by New York Institute of Technology. Students are required to file the FAFSA and indicate a desire to participate each year for continued determination of eligibility.

If you have been offered Federal Work Study (FWS) for the 2024–2025 academic year, and have accepted your FWS offer, the next step is to find a part-time job on or off campus.

1. Log into Handshake.
    - If you have never logged in before, your username is your university email address (ex: bjones@nyit.edu) and your password is your seven-digit student ID number. These can be changed once you've logged in.
2. Click on the "Job Search" button on the menu bar located at the top of the webpage. Under position type, select the type of job you would like to apply for. If you are unsure, you can select both options and search for a job that interests you:
    - FWS-On Campus: This job would be located in a department on the Long Island or New York City campus.
    - FWS-CSI (Community Service Internship): This job would be located at a nonprofit organization and would give you the opportunity to work in your field of interest.
3. Once you find a job that interests you, click on the job to view more specifics. Take a look at the job description to see what things you may be asked to do at the job. Be sure to look at the hours per week and qualifications to make sure you meet the requirements.
4. If you meet the job qualifications, and would like to apply for that position, contact the supervisor listed in the "Applicant Instructions" section to set up an interview time. The Applicant Instructions section will also list what you may be required to submit, such as a cover letter and/or resume.
5. After you have applied, you will be contacted if you were selected for an interview. If you are offered the job, your next step is to fill out Student Employment Paperwork before starting work. This paperwork can be downloaded or picked up from the Office of Student Employment. All forms MUST be completed by the student and signed by your supervisor.
6. Bring your completed, signed forms to the Office of Student Employment, along with the proper ID's listed on the I-9, before you start working.
7. Once your paperwork is completed, submitted, and approved, you may start working!

    - Your paperwork will be processed and you will receive an email within a few days with instructions on how to complete timesheets. You will gain access to your timesheets a few days after receiving this email.

During the school year, you are able to work up to 20 hours per week. During school breaks and summer, you are able to work up to 35 hours per week. You will be eligible to work from July 1, 2024 – June 30, 2025. Once you have earned all the money you have been offered, you must stop working.

Financial Aid Undergraduate

Federal Direct Loans

The William D. Ford Federal Direct Student Loan Program, sponsored by the U.S. Department of Education, offers low interest rates, easy repayment terms, and is geared toward those entering or re-entering the workforce. The loan is not credit based and only requires that students meet specific eligibility requirements. All students must file a Free Application for Federal Student Aid (FAFSA) in order for the Office of Financial Aid to determine eligibility for a Federal Direct Loan. Depending on enrollment status, FAFSA results, cost of attendance, and other factors, an amount and type of Federal Direct Loan (Subsidized or Unsubsidized) will be offered to eligible students. The federal government is the lender for student or parent loans received through the Federal Direct Loan Program.

The Department of Education developed a process that all Federal Direct Loan borrowers (subsidized, unsubsidized, graduate PLUS, and parent PLUS loans) are encouraged to complete each year called the Annual Student Loan Acknowledgement (ASLA). The ASLA (formerly known as the Informed Borrowing Confirmation process) is intended to better assist borrowers in understanding the financial responsibility of funding their education and provide current information on a borrower's cumulative loan balance. As part of the Master Promissory Note (MPN)

confirmation process, the ASLA allows student and parent borrowers to view how much they currently owe in federal student loans, and to acknowledge that they have seen these amounts before borrowing new loans each award year. The ASLA can be completed online at studentaid.gov/asla and becomes available in April each year.

Public Law 112-74 amended the Higher Education Act (HEA) to temporarily eliminate the interest subsidy provided on Direct Subsidized Loans during the six-month grace period provided to students when they are no longer enrolled on at least a half-time basis. This change was effective for new Direct Loans for which the first disbursement was made on or after July 1, 2012, and before July 1, 2014. The federal government will continue to pay interest that accrues on the Direct Subsidized Loan during in-school and other eligible deferment periods.* The federal government does not pay interest on Direct Unsubsidized Loans at all. Students have the option to pay interest on the unsubsidized portion of a Direct Loan while in school, during other eligible periods of deferment, or let interest accrue until repayment begins. Deferred interest payments on Direct Unsubsidized Loans will be added to the principal loan amount and capitalized by the lender (meaning accrued interest will be added to the principal amount borrowed at repayment).

Applicants must be enrolled at least half-time to be eligible for a Federal Direct Loan and to maintain eligibility for in-school deferments (minimum six credits per semester, with all credits applicable to the degree program of study).

The following charts describe annual and aggregate maximum eligibility for the Federal Direct Loan Program, based on dependency status and grade level.

Annual and Aggregate Federal Direct Loan Limits

Dependent Undergraduate Students

	Freshman 0–30 Credits	Sophomore 31–62 Credits	Junior 63–96 Credits	Senior 97+ Credits	Aggregate Limit
Subsidized	$3,500	$4,500	$5,500	$5,500	$23,000
Unsubsidized	$2,000	$2,000	$2,000	$2,000	$8,000
Total Direct Loans	$5,500	$6,500	$7,500	$7,500	$31,000

Independent Undergraduate/Dependent Undergraduate Students with PLUS Denial

Undergraduate students whose parents have been denied the Direct PLUS loan (based on credit), may apply for an additional $4,000 (first-year and second-year students) or $5,000 (third-year students and beyond) Direct Unsubsidized Loan (described under the subheading for Federal Direct Loans).

	Freshman 0–30 Credits	Sophomore 31–62 Credits	Junior 63–96 Credits	Senior 97+ Credits	Aggregate Limit
Subsidized	$3,500	$4,500	$5,500	$5,500	$23,000
Unsubsidized	$6,000	$6,000	$7,000	$7,000	$34,500
Total Direct Loans	$9,500	$10,500	$12,500	$12,500	$57,500

Graduate Students

Ineligible for subsidized loans first disbursed on or after July 1, 2012.

	Graduate Limit	Aggregate Limit
Unsubsidized	$20,500	$138,500

Through the possible combination of Subsidized and Unsubsidized Direct Loans, every student meeting all academic and eligibility requirements should be able to participate in the Federal Direct Loan Program. Information about the William D. Ford Direct Loan Program can be found at the Office of Financial Aid and studentaid.gov.

Regulations also require the Office of Financial Aid to offer financial aid based on the results of the needs analysis calculated by the federal government from the Free Application for Federal Student Aid (FAFSA) and to perform an eligibility file review for every student applying for the Federal Direct Loan. The Office of Financial Aid must review each application and will recommend an amount according to the number of credits attempted, number of credits completed, grade level, cost of attendance, outside resources available to each student, and the Expected Family Contribution (EFC) as derived from the FAFSA. Loan repayment will not be required while the student maintains at least half-time attendance (minimum six credits per semester), with all credits applicable to the degree program of study. Repayment of principal and interest begins six months after the student leaves school or drops below half-time attendance.

Effective for Federal Direct Loans first disbursed on or after July 1, 2006, the interest rate is fixed. Prior to this date, Federal Direct Loan interest rates were variable. Federal Direct Loan interest rates change from year to year (in July), and may also change specifically for one type or the other; Subsidized, Unsubsidized, or Graduate or Parent PLUS. The interest rate for undergraduate subsidized and unsubsidized loans disbursed between July 1, 2022 – June 30, 2023 is 4.99 percent. Students who received loans prior to the aforementioned dates and who still have balances outstanding on those loans will continue with the interest rate rules in effect at the time of their original loans. Borrowers will also be charged an origination fee. The origination fee represents the lender's (the federal government) fee for making the loan. For loans disbursed after October 1, 2022 and before October 1, 2023, the origination fee is 1.057 percent.

SULA (subsidized usage loan limit restriction) was removed effective August 13, 2021, "*Specifically, the Secretary removes the subsidized usage loan limit restriction (SULA) for any borrower who receives a Federal Direct Subsidized Loan first disbursed on or after July 1, 2021, regardless of the award year associated with the loan. In addition, all subsidy benefits will be reinstated retroactively to the date on which the loss of subsidy was applied for all Federal Direct Subsidized Loans with an outstanding balance on July 1, 2021, and for all award years since the 2013–2014 award year. The Secretary also removes regulations related to the subsidized usage loan limit restriction and makes other technical changes*."

Information about the William D. Ford Federal Direct Loan Program can be found at studentaid.gov or by visiting Financial Aid – Federal Loan Limits.

On March 27, 2020, the Coronavirus Aid, Relief, and Economic Security Act (CARES Act) became law and provided emergency COVID-19 relief measures on federal student loans owned by the Department of Education. The relief measures include suspension of loan payments, stopped collections on defaulted loans, and a 0 percent interest rate. On November 22, 2022, the student loan payment pause and 0 percent interest rate were extended until 60 days after the federal debt relief program is implemented or litigation is resolved. Payments will resume 60 days after June 30, 2023 if the debt relief program is not implemented and the litigation has not been resolved. The Department of Education will notify borrowers before repayments restart. More information is available at studentaid.gov.

Borrower-Based Academic Years and Federal Loans: "Seasonal Loans"

A standard academic year for New York Institute of Technology is two semesters, fall and spring. However, a Borrower-Based Academic Year (BBAY), or Seasonal Loan, is specific to the period of study the student is attending and looking to borrow federal loans. For example, a summer/fall academic year (two semesters) or a spring/summer academic year (two semesters) represents a BBAY or Seasonal Loan period. Seasonal Loans are available upon request for those students who wish to receive federal student loans for borrower-based academic years.

Students who are enrolled at least half-time (six credits) during the summer session may request to be reviewed for Federal Direct Loan eligibility for the summer term. The Office of Financial Aid will determine the student's eligibility for federal and/or private loans for this period of enrollment based on FAFSA information and financial aid history. A student will be offered federal loans for a borrower-based year consisting of two terms, either summer/fall or spring/summer, unless the student is graduating or changing enrollment status.

In order to offer aid to a student, the Office of Financial Aid must have a valid FAFSA on file for the appropriate academic year. Students borrowing loans for a BBAY, i.e., summer/fall or spring/summer, should also submit a Seasonal Loan Request form, which the Office of Financial Aid will use to determine the cost of attendance and budget for the terms being awarded. Students must complete the form in full with information for both terms, otherwise it will not be processed.

Students should understand that Federal Direct Loans taken during summer sessions still count towards aggregate loan limits and may result in exhausting eligibility more quickly than with a traditional two-semester year (fall/spring). Students should also be aware that most institutional scholarships and grants are only offered during the fall and spring semesters.

We strongly recommend that students speak with a Financial Aid Advisor when completing and submitting the Seasonal Loan Request form to the Office of Financial Aid, as they may have pertinent questions that can be answered in advance to avoid processing delays.

Financial Aid Undergraduate

Federal Loan Repayment Plans

How to Repay Your Federal Direct Loans and Federal Family Education Loan (FFEL) Program Loans

Reference: https://studentaid.gov/manage-loans/repayment/plans

Repayment Plan	Eligible Loans	Monthly Payment and Time Frame	Quick Comparison
Standard Repayment Plan	• Direct Subsidized and Unsubsidized Loans • Subsidized and Unsubsidized Federal Stafford Loans • All PLUS Loans • All Consolidation Loans (Direct or	• Payments are a fixed amount. • Up to 10 years (or up to 30 years for Consolidation Loans)	• All borrowers are eligible for this plan. • You'll pay less over time than under other plans. • Standard Repayment Plan with a 10-year repayment period is not a good option for those seeking Public Service Loan Forgiveness (PSLF). • Standard Repayment Plan for

	FFEL)		Consolidation Loans is not a qualifying repayment plan for PSLF.
Graduated Repayment Plan	• Direct Subsidized and Unsubsidized Loans • Subsidized and Unsubsidized Federal Stafford Loans • All PLUS Loans • All Consolidation Loans (Direct or FFEL)	• Payments are lower at first and then increase, usually every two years. • Up to 10 years (or up to 30 years for Consolidation Loans)	• All borrowers are eligible for this plan. • You'll pay more over time than under the 10-year Standard Plan. • Generally not a qualifying repayment plan for PSLF.
Extended Repayment Plan	• Direct Subsidized and Unsubsidized Loans • Subsidized and Unsubsidized Federal Stafford Loans • All PLUS Loans • All Consolidation Loans (Direct or FFEL)	• Payments may be fixed or graduated • Up to 25 years	• If you're a Direct Loan borrower, you must have more than $30,000 in outstanding Direct Loans. • If you're a FFEL borrower, you must have more than $30,000 in outstanding FFEL Program loans. • Your monthly payments will be lower than under the 10-year Standard Plan or the Graduated Repayment Plan. • You'll pay more over time than under the 10-year Standard Plan. • Not a qualifying repayment plan for PSLF.
Saving on a Valuable Education (SAVE)	• Direct Subsidized and Unsubsidized Loans • Direct PLUS loans made to students • Direct Consolidation Loans that do not include PLUS loans (Direct or FFEL) made to parents	• Your monthly payments will be based on your discretionary income—the difference between your adjusted gross income (AGI) and 225% of the U.S. Department of Health and Human Services Poverty Guideline amount for your family size. • Payments are recalculated each year and are based on your updated income and family size. • You must update your income and family size each year, even if they haven't changed. • If you're married, both you and your spouse's income or loan debt will be considered. • Any outstanding balance on your loan will be forgiven if you haven't repaid your loan in full.	• Any Direct Loan borrower with an eligible loan type may choose this plan. • Your monthly payment could be as low as $0. • More SAVE benefits will be announced in July of 2024.
Pay As You Earn Repayment Plan	• Direct Subsidized and Unsubsidized Loans • Direct PLUS loans made to students • Direct Consolidation Loans that do not include (Direct or FFEL) PLUS Loans made to parents	• Your maximum monthly payments will be 10 percent of discretionary income. • Payments are recalculated each year and are based on your updated income and family size. • You must update your income and family size each year, even if they haven't changed. • If you're married, your spouse's income or loan debt will be considered only if you file a joint tax return. • Any outstanding balance on your loan will be forgiven if you haven't repaid your loan in full after 20 years.	• You must be a new borrower on or after October 1, 2007, and must have received a disbursement of a Direct Loan on or after October 1, 2011. • You must have a high debt relative to your income. • Your monthly payment will never be more than the 10-year Standard Plan amount. • You'll pay more for your loan over time than you would under the 10-year Standard Plan. • You may have to pay income

			tax on any amount that is forgiven. • Good option for those seeking Public Service Loan Forgiveness (PSLF)
Income-Based Repayment Plan (IBR)	• Direct Subsidized and Unsubsidized Loans • Subsidized and Unsubsidized Federal Stafford Loans • All PLUS Loans made to students • Consolidation Loans (Direct or FFEL) that do not include Direct or FFEL PLUS loans made to parents	• Your monthly payments will be 10 or 15 percent of discretionary income (depending on when you received your first loans), but never more than you would have paid under the 10-year Standard Repayment Plan. • Payments are recalculated each year and are based on your updated income and family size. • You must update your income and family size each year, even if they haven't changed. • If you're married, your spouse's income or loan debt will be considered only if you file a joint tax return. • Any outstanding balance on your loan will be forgiven if you haven't repaid your loan in full after 20 or 25 years. • You may have to pay income tax on any amount that is forgiven.	• You must have a high debt relative to your income. • Your monthly payment will never be more than the 10-year Standard Plan amount. • You'll pay more over time than under the 10-year Standard Plan. • You may have to pay income tax on any amount that is forgiven. • Good option for those seeking Public Service Loan Forgiveness (PSLF)
Income-Contingent Repayment Plan	• Direct Subsidized and Unsubsidized Loans • Direct PLUS Loans made to students • Direct Consolidation Loans	• Your monthly payment will be the lesser of: 1. 20 percent of discretionary income, or 2. The amount you would pay on a repayment plan with a fixed payment over 12 years, adjusted according to your income • Payments are recalculated each year and are based on your updated income, family size, and the total amount of your Direct Loans. • If you're married, your spouse's income or loan debt will be considered only if you file a joint tax return or you choose to repay your Direct Loans jointly with your spouse. • Any outstanding balance will be forgiven if you haven't repaid your loan in full after 25 years.	• Any Direct Loan borrower with an eligible loan type may choose this plan. • You'll usually pay more over time than under the 10-year Standard Plan. • You may have to pay income tax on the amount that is forgiven. • Good option for those seeking Public Service Loan Forgiveness (PSLF) • Parent borrowers can access this plan by consolidating their Parent PLUS Loans into a Direct Consolidation Loan.
Income-Sensitive Repayment Plan	• Subsidized and Unsubsidized Federal Stafford Loans • FFEL PLUS Loans • FFEL Consolidation Loans	• Your monthly payment is based on annual income • Up to 15 years	• You'll pay more over time than under the 10-year Standard Plan. • The formula for determining the monthly payment amount can vary from lender to lender. • Available only for FFEL Program loans, which are not eligible for PSLF.

Repay Your Federal Perkins Loan

Reference: https://studentaid.gov/understand-aid/types/loans/perkins

Please note: The Federal Perkins Loan program has ended. No Federal Perkins loans can be made to any student on or after October 1, 2017.

Perkins Loan repayment plan options are not the same as those for Direct Loan Program or FFEL Program loans. It important to know how much you have accumulated in student loan debt. To monitor all of your federal student loans, you may access the National Student Loan Data System (NSLDS) online at studentaid.gov/ or call toll-free 800.999.8219. Students must complete a Perkins Exit Test, which reviews terms and conditions of taking out the Perkins loan, as well as reviews the Perkins loan repayment plan and schedule; students are provided with an individual repayment schedule.

Your repayment schedule will provide you with the interest rate, payment amounts, and payment methods. The chart below shows sample loan amounts and monthly payments based on the 5 percent interest rate:

Amount Borrowed	Monthly Payment	Number of Payments	Total Amount Paid
$1,500	$40	41	$1,640
$3,500	$40	109	$4,362
$5,500	$58.34	120	$7,000.80
$6,500	$68.94	120	$8,272.80
$7,500	$79.55	120	$9,546
$8,500	$90.16	120	$10,819.20
$10,000	$106.70	120	$12,728.40
$12,500	$132.58	120	$15,909.60
$15,000	$159.10	120	$19,092
$20,000	$212.13	120	$25,455.60
$27,500	$291.39	120	$35,001.60
$60,000	$636.39	120	$76,366.80

Contact the Office of Financial Aid for more information on Perkins Loan repayment plans.

Consolidate Your Loans

Reference: https://studentaid.gov/app/launchConsolidation.action

If you have multiple federal student loans, you can consolidate them into a single Direct Consolidation Loan. This may simplify repayment if you are currently making separate loan payments to different loan holders or servicers, as you'll only have one monthly payment to make. There may be trade-offs, so you'll want to learn about the advantages and possible disadvantages of consolidation before you consolidate.

Should I consolidate my loans?

The answer depends on your individual circumstances:

Pros

- If you currently have federal student loans that are with different loan servicers, consolidation can greatly simplify loan repayment by giving you a single loan with just one monthly bill.
- Consolidation can lower your monthly payment by giving you a longer period of time (up to 30 years) to repay your loans.
- If you consolidate loans other than Direct Loans, it may give you access to additional income-driven repayment plan options and Public Service Loan Forgiveness. (Direct Loans are from the William D. Ford Federal Direct Loan Program.)
- You'll be able to switch any variable-rate loans you have to a fixed interest rate.

Cons

- Because consolidation usually increases the period of time you have to repay your loans, you might make more payments and pay more in interest than would be the case if you don't consolidate.
- Consolidation may also cause you to lose certain borrower benefits—such as interest rate discounts, principal rebates, or some loan cancellation benefits—that are associated with your current loans.
- If you're paying your current loans under an income-driven repayment plan, or if you've made qualifying payments toward Public Service Loan Forgiveness, consolidating your current loans will cause you to lose credit for any payments made toward income-driven repayment plan forgiveness or Public Service Loan Forgiveness.
- If you want to lower your monthly payment amount but are concerned about the impact of loan consolidation, you might want to consider deferment or forbearance as options for short-term payment relief, or consider switching to an income-driven repayment plan.
- Once your loans are combined into a Direct Consolidation Loan, they cannot be removed. The loans that were consolidated are paid off and no longer exist.

Financial Aid Undergraduate

Federal Parent Loans for Undergraduate Students (PLUS)

A Federal Direct Parent Loan for Undergraduate Students (PLUS) is an unsubsidized federal loan for the parents of dependent students. PLUS loans help pay for education expenses up to the cost of attendance, minus all other financial assistance. The application process includes a credit approval requirement and interest is charged during all periods, including eligible periods of deferment.

The Department of Education developed a process that all Federal Direct Loan borrowers (subsidized, unsubsidized, graduate PLUS, and parent PLUS loans) are encouraged to complete each year called the Annual Student Loan Acknowledgement (ASLA). The ASLA (formerly known as the Informed Borrowing Confirmation process) is intended to better assist borrowers in understanding the financial responsibility of funding their education and provide current information on a borrower's cumulative loan balance. As part of the Master Promissory Note (MPN) confirmation process, the ASLA allows student and parent borrowers to view how much they currently owe in federal student loans, and to acknowledge that they have seen these amounts before borrowing new loans each award year. The ASLA can be completed online at studentaid.gov/asla and becomes available in April each year.

Creditworthy borrowers (the parents of dependent undergraduate students) may borrow up to the full cost of attendance, minus any other aid received by the student. Repayment begins 60 days after the last disbursement is made and can be deferred during the application process or by contacting your loan servicer to request a deferment. Direct PLUS Loans can be deferred while the parent-borrower or dependent student is enrolled at least half-time and for an additional six months after the child or graduate student ceases to be enrolled at least half-time. If the Direct PLUS Loan is deferred, interest will accrue on the loan during the deferment. You may choose to pay the accrued interest or allow the interest to capitalize when the deferment period ends. Your loan servicer will notify you when your first payment is due. Information about the William D. Ford Federal Direct Loan Program can be found at studentaid.gov.

Previous PLUS loan borrowing will be governed by rate rules in effect at the time of borrowing. There is an origination fee that will be deducted from the principal amount borrowed. If denied, applicants may appeal the credit decision through the Department of Education or reapply with a creditworthy endorser. Applicants who appeal the denied credit decision or apply with an endorser are required to complete PLUS Credit Counseling. Alternatively, students whose parents have been denied the Direct PLUS loan (based on credit), may apply for an additional Direct Unsubsidized loan of $4,000 for first- and second-year undergraduate students, or $5,000 for third-year undergraduate students and beyond (described under Federal Direct Loans). The benefit of additional unsubsidized loan eligibility does not apply to graduate students whose Direct Graduate PLUS application has been denied due to credit.

Federal Pell Grant

The Federal Pell Grant is for undergraduate, matriculated students who are enrolled in at least one credit and meet the financial need guidelines of the program. Eligibility for the Federal Pell Grant is limited to students who have not received their first bachelor's degree, or who are enrolled in certain post-baccalaureate programs that lead to certain certification or licensure, as well as to those who demonstrate financial need, according to the results of the Free Application for Federal Student Aid (FAFSA) and meet all other eligibility requirements.

Students are required to file the Free Application for Federal Student Aid (FAFSA) and will then receive the results of their FAFSA directly from the Federal Processing Center. Shortly thereafter, the Office of Financial Aid receives the same information electronically. Awards are based on the Expected Family Contribution (EFC) as determined by a federal methodology, the cost of attendance, the number of credits attempted in a given semester, and the federal appropriation for the program, as determined by Congress. To maintain eligibility for the Federal Pell Grant, students must apply by submitting the FAFSA annually, continue to meet the financial need guidelines and eligibility rules, and maintain the minimum satisfactory academic progress standards as established by New York Institute of Technology. Students must also not be in default on any student loan or owe a repayment of Federal Pell Grant funds for attendance in a prior period. Students may not receive a Federal Pell Grant from more than one institution at a time.

Federal Pell Grant Lifetime Eligibility Used (LEU)

Effective as of the 2012–2013 Award Year, the U.S. Department of Education has established regulations for the duration of a student's eligibility to receive a Federal Pell Grant. A student may receive up to 12 full-time semesters (six years or its equivalent) of a Federal Pell Grant. This regulation applies to all students eligible for Federal Pell Grants HEA section 401(c)(5) and Title 34 CFR 690. If the institution receives notification from the U.S. Department of Education that a Federal Pell Grant applicant has reached, or is close to, the maximum lifetime award, the institution and the U.S. Department of Education will notify the student, and the Office of Financial Aid will adjust all awards as necessary.

Reference: *2023–2024 FSA Student Handbook*, Volume 7, Chapter 8, p. 46

Year-Round Federal Pell Grants

Federal Pell Grants are offered during the fall and spring semester for eligible students. Effective beginning with the 2017–2018 award year, students may be eligible for Federal Pell Grant funds for up to 150 percent of the Federal Pell Grant Scheduled Award for an award year. This provision of Section 401(b)(8) of the Higher Education Act of 1965 (HEA) as added by section 310 of the Department of Education Appropriations Act, 2017 allows students to receive a Federal Pell Grant during a summer period of enrollment if certain conditions are met.

To be eligible for additional grant funds during a summer period of enrollment, a student must be otherwise eligible to receive the Federal Pell Grant for the payment period and must be enrolled at least half-time in the payment periods for which the additional grant funds in excess of 100 percent of the student's Pell Grant Scheduled Award are received.

Any additional grant funds received will be included in determining the student's Federal Pell Grant duration of eligibility and Lifetime Eligibility Used (LEU).

Reference: *2023–2024 FSA Student Handbook*, Volume 7, Chapter 5, p. 30

Financial Aid Undergraduate

Federal Perkins Loans

The Federal Perkins loan program ended on September 30, 2017 with final disbursements permitted through June 30, 2018 by federal law. Students can no longer receive Federal Perkins loans.

Perkins loans are eligible for federal loan cancellation. This allows 50 percent of your original debt to be cancelled with three-year service as a teacher in certain areas or as a volunteer in the Peace Corps. More information is available at studentaid.gov.

Reference: *2023–2024 Federal Student Handbook* Volume 6, Chapter 4

Financial Aid Undergraduate

Federal Supplemental Educational Opportunity Grant (FSEOG)

The Federal Supplemental Educational Opportunity Grant (FSEOG) program provides need-based grants to help low-income undergraduate students finance the costs of postsecondary education, and may be available to students who are eligible for Federal Pell Grants. Federal funds are limited for this program—only applicants who demonstrate the greatest financial need are considered for FSEOG. These limited campus-based funds are awarded by the Office of Financial Aid in amounts ranging from $100 to $4,000 per year. Award amounts are dependent upon many factors including, but not limited to: financial need, the time at which the student applies for federal financial aid, amount of other aid a student receives, and availability of funds. Students must file a Free Application for Federal Student Aid (FAFSA) each year as part of the application process for an FSEOG. Eligibility is determined annually based on results from the FAFSA and students must maintain satisfactory academic progress as determined by the applicable New York Institute of Technology degree program rules.

Financial Aid Undergraduate

FERPA Regulations: Information for Parents and Families

The following guidance provides eligible students with general information about the Family Educational Rights and Privacy Act (FERPA).

This document is a compilation and update of various letters and guidance documents previously issued that respond to a variety of questions about FERPA. While this guidance reflects our best and most current interpretation of applicable FERPA requirements, it does not supersede the statute or regulations.

FERPA is a federal law that is administered by the Family Policy Compliance Office in the U.S. Department of Education 20 U.S.C. section 1232g; 34 CFR Part 99. FERPA applies to all educational agencies and institutions (e.g., schools) that receive funding under any program administered by the Department. Parochial and private schools at the elementary and secondary levels generally do not receive such funding and are, therefore, not subject to FERPA. Private postsecondary schools, however, generally do receive such funding and are subject to FERPA.

Once a student reaches 18 years of age or attends a postsecondary institution, they become an “eligible student” and all rights formerly given to parents under FERPA, transfer to the student. The eligible student has the right to have access to their education records, the right to seek to have the records amended, the right to have control over the disclosure of personally identifiable information from the records (except in certain circumstances specified in the FERPA regulations, some of which are discussed below), and the right to file a complaint with the Department. The term “education records” is defined as those records that contain information directly related to a student and which are maintained by an educational agency or institution or by a party acting for the agency or institution.

FERPA generally prohibits the improper disclosure of personally identifiable information derived from education records. Thus, information that

an official obtained through personal knowledge or observation, or has heard orally from others, is not protected under FERPA. This remains applicable even if education records exist that contain this information, unless the official had an official role in making a determination that generated a protected education record.

Under FERPA, a school is not generally required to maintain particular education records or education records that contain specific information. Rather, a school is required to provide certain privacy protections for those education records that it does maintain. Unless there is an outstanding request by an eligible student to inspect and review education records, FERPA permits the school to destroy such records without notice to the student.

For further information, please see *Student Privacy and FERPA/PIPA* at New York Institute of Technology.

Financial Aid Undergraduate

Financial Aid for Consortium Agreements

New York Institute of Technology students who want to attend other institutions in the United States for a semester may be able to use federal financial aid under a *Consortium Agreement*. Students must be approved by their respective academic department prior to attending another institution for the semester(s).

New York State funds are not applicable to study under consortium agreements with schools that are not in New York State. Institutional grants and scholarships may not be applicable for study under consortium agreements.

At least four weeks prior to the start of the semester(s), students must contact the Office of Financial Aid to complete the Consortium Agreement:

1. Ensure they have a valid FAFSA on file at New York Institute of Technology (using federal school code 002782).
2. Ensure the institution they plan to attend is Title IV eligible and is willing to participate in a Consortium Agreement.
3. Submit a Complete Consortium Agreement form.
4. Submit an invoice from the Office of the Bursar of the institution to be attended.
5. Submit Verification of Enrollment (Course Registration) from the institution to be attended.
6. Submit contact information from the institution to be attended.
7. Students must submit the completed Permission to Take Courses at Another College form with all the appropriate signatures (this form may be obtained from the Office of the Registrar).
8. Summer consortiums must also include a Seasonal Loan Request form, which can be obtained from the Office of Financial Aid.

Ref: *2023–2024 FSA Handbook*, Vol. 2, Ch. 2, pp. 29–30: School Eligibility and Operations, (34 CFR 668.39 and CFR 668.50).

Financial Aid Undergraduate

Financial Aid for Contractual Agreements

New York Institute of Technology students who want to attend foreign schools (both Title IV and non-Title IV eligible) and non-Title IV eligible domestic institutions for a semester may be able to use federal financial aid under a *Contractual Agreement*. Students must be approved by their respective academic department prior to attending the semester(s). New York Tech scholarships are not applicable for study under a contractual agreement.

At least four weeks prior to the start of the semester, students must contact the Office of Financial Aid to:

1. Ensure they have a valid FAFSA on file at New York Institute of Technology (using federal school code 002782).
2. Ensure the institution they plan to attend will participate in a Contractual Agreement.
3. Submit a completed Contractual Agreement form.
4. Submit documentation of the cost of attendance from the institution to be attended.
5. Submit Verification of Enrollment (Course Registration) from the institution to be attended.
6. Submit contact information from the institution to be attended.
7. Submit academic department's approval (Permission to Take Courses at Another College form).
8. If paying tuition at the other school, submit an invoice from the school to be attended.

The regulations of the U.S. Department of Education govern Title IV student eligibility and eligible amounts. Based on federal regulations, there

is a limit on the portion of the program that can be offered by the host school under a contractual agreement. The portion allowed ranges between 25 percent and 50 percent of an educational program that can be provided by the ineligible school.

Ref: *2023–2024 FSA Handbook*, Vol. 2, Ch. 2, pp. 30–31: School Eligibility and Operations, (34 CFR 668.39 and CFR 668.50).

Financial Aid Undergraduate

Financial Aid for Repeated Coursework: Financial Aid Impact

The Department of Education has implemented regulations governing repeated coursework effective July 1, 2011, per federal regulations (Title 34 CFR Section 668.2). The regulations have been implemented to improve the pace of graduation completion for students, which in turn should reduce loan indebtedness and preserve grant funding levels.

Repeating courses may significantly impact Satisfactory Academic Progress (SAP) and eligibility for Title IV federal financial aid and institutional aid. Grades of D or better in repeated courses will be counted as earned credits. All course repeats will count as attempted credits and be used in the quantitative and maximum time frame components of the SAP policy. Students should consult with a financial aid advisor before registering for a repeated course. Students may be full-time or part-time.

The rules regarding repeated coursework will further impact recipients of Title IV federal financial aid funding. Students are allowed to repeat coursework under these circumstances for federal financial aid, Reference: Title 34 CFR Section 668.2(b):

- May repeat a previously passed course only once (and receive aid for the repeated course). Federal financial aid applicable for students cannot be applied for any previously passed course that has been repeated more than once.
- May repeat a failed course until it is passed with eligible federal financial aid.
- May not repeat a previously passed course due only to a student's failure to pass other coursework.

See the following examples for how the Repeated Coursework Policy affects financial aid:

Example 1: A student has received an F in a class. The student then receives an F in the same class next semester, and the semester following that. Financial aid will count those courses toward their enrollment for programs that require certain enrollment statuses. After the fourth try, the student receives a D. The student decides that they will try to get a better grade next semester. The following semester, the student receives another F. Financial aid will no longer pay for that course for subsequent semesters.

Example 2: A student has received a C in a class. The student takes the class again in hopes of achieving a better grade, but then receives an F in the same class next semester. Financial aid will not pay for the course again. The student would be responsible for payment of the course if they register for it again.

More examples:

1. Allowable: Repeated coursework may be included if the student received a failing grade or withdrew from the class. There is no limit on the number of repeats if the student does not pass the class.
2. Allowable: A student takes Biology 110 and receives a grade of W or F. The student repeats the class and receives a D. For financial aid, the student is considered to have now passed the class. The student may repeat the class only one more time and receive financial aid. If on the third attempt the student receives a W, then the student can repeat the class again, but if the grade assigned is an F, then the student cannot repeat the course again and the class cannot be counted for enrollment purposes for financial aid.
3. Allowable: Courses that are intended to be repeated multiple times such as Independent Studies, Special Topics, Thesis, or Dissertation.
4. Not Allowable: A student takes Biology 110 and receives a D. The student repeats the course and receives a B. The Biology 110 course cannot be considered for financial aid enrollment on the third repeat.
5. Not Allowable: A student is enrolled in 12 credit hours, including three credit hours that are considered to be a third repeat, therefore only nine credits will count toward financial aid eligibility.

The programs that New York Institute of Technology offers for which minimum grades are required and courses can be repeated include:

- Computer Science
- Electrical and Computer Engineering
- Mechanical Engineering
- Nursing
- Life Sciences/Physical Therapy
- Physician Assistant Studies

Students in these programs may have one time to repeat a course in which they received a grade of C or below. Please refer to course descriptions to determine individual courses with minimum grade requirements for these programs.

New York State Higher Education Services Corporation (NYS HESC) has different regulations regarding repeat coursework as it pertains to eligibility for the Tuition Assistance Program grant (TAP) and other NYS HESC grants and scholarships. A student can repeat a course for which they did not previously earn credit (i.e., F, W, or UW grade), and have the course count as part of the minimum full-time or part-time course load for NYS financial aid purposes. However, receiving W or UW grades can negatively impact NYS HESC pursuit of program requirements.

Other circumstances where a student can repeat a course and have it count toward the minimum credit requirement are:

- The grade earned is considered a passing grade at the institution, but not considered a passing grade in a particular degree program
- The course can be repeated and credit earned each time, such as certain independent study courses

Additionally, a course repeated only to improve the cumulative GPA cannot be counted toward the minimum course-load or pursuit of program requirements for NYS HESC grants and scholarships.

Reference: *2023–2024 FSA Handbook*, Vol. 3, Ch. 1, pp. 4–30: Academic Years, Academic Calendars, Payment Periods, and Disbursements

Financial Aid Undergraduate

First-Year Student Scholarships

This policy is effective for scholarships and grants earned for the Fall 2020 semester, and for all subsequent semesters. This complies with updated federal regulations in the *Federal Student Aid Handbook*, published December 7, 2022.

Eligible students entering their first year at New York Institute of Technology may qualify for a scholarship based on high school cumulative GPA. Scholarships are based on continued funding and may be renewed each semester, provided that the student enrolls full-time within their program, maintains sufficient levels of performance, and the cumulative GPA requirement specific to their scholarship. Additional details may be obtained from the Office of Admissions. Eligibility for all institutional scholarships and grants are limited to students whose campus location is Long Island, New York City, or online. Scholarships and grants are for tuition only and divided equally between fall and spring semesters.

View a list of all institutional scholarships offered to first-year students

First-year students are considered for scholarships based on the strength of their applications, including GPA and average. Students who apply to the university without SAT/ACT scores may be eligible for scholarships. Students may be awarded the President's Scholarship, Theodore K. Steele Memorial Scholarship, NYIT Scholarship, and Academic Achievement Awards.

President's Scholarship: $33,000 per year ($28,000 for B.S./D.O. students)

To qualify:

- Complete the FAFSA (U.S. students only)
- Be an entering first-year student
- GPA Range: 4.0 or higher

Theodore K. Steele Memorial Scholarship: $29,000 per year ($28,000 FOR B.S./D.O. students)

To qualify:

- Complete the FAFSA (U.S. students only)
- Be an entering first-year student
- GPA Range: 3.75–3.99

New York Tech Scholarship: $26,500 per year ($26,000 FOR B.S./D.O. students)

To qualify:

- Complete the FAFSA (U.S. students only)
- Be an entering first-year student
- GPA Range: 3.50–3.74

Academic Achievement Award: $20,000/$24,000 per year ($20,000/$24,000 FOR B.S./D.O. students)

To qualify:

- Complete the FAFSA (U.S. students only)
- Be an entering first-year student
- GPA Range: 3.2–3.49 (for higher scholarship amount)
- GPA Range: 3.0–3.19 (for lower scholarship amount)

Renewal Criteria *(for all first-year awards listed above)*

You will be eligible to receive this scholarship for a maximum of four years (or eight semesters) of continuous full-time undergraduate enrollment at New York Institute of Technology. Students matriculated in an approved five-year undergraduate program may receive up to ten semesters of eligibility. You must satisfactorily attempt to complete 12 credits each semester. You must also maintain satisfactory academic progress (SAP) and a 2.8 minimum cumulative GPA. Undergraduate students in their sophomore or junior year, who do not meet the minimum GPA requirements for scholarship renewal, may have an opportunity to maintain their scholarship by successfully completing the Achieving College Excellence (ACE) program. Eligible students will be invited to participate. ACE program participation is limited to four semesters. University scholarships and grants are for tuition only, divided equally between fall and spring semesters. They are not applicable to summer session attendance.

Legacy Award: $1,000 per year

To qualify:

- Be an entering undergraduate full-time student in a degree-bearing program
- Have a parent or legal guardian who graduated from New York Tech in a degree-bearing program
- Submit the Legacy Award Application to the Office of Alumni Relations
    - This application can be submitted one time to be applied for the duration of the program
- Application Deadlines: July 15 for the fall semester and December 15 for the spring semester.

Children of Police Officers, Firefighters, EMT, and K–12 Teachers Award

This award acknowledges New York Tech students with parents or legal guardians who are active, fully employed (non-volunteer) within the tristate region (NY, NJ, CT) in certain professional service positions serving their community. The award will cover up to 50 percent of a student's flat-rate full-time tuition (12–18 credits) for no more than eight continuous full-time semesters of enrollment (six semesters for transfers, ten for an approved undergraduate five-year program). If a student has been awarded other "tuition-only" awards (including state grants, merit scholarships, and New York Tech Grants), the Children of Police Officers, Firefighters, EMT, and K–12 Teachers Award will supplement up to 50 percent of tuition. Only credits/courses for full-time enrollment within the student's program of study are eligible. The award applies to fall and spring semesters only. Students who qualify for special discounted tuition packages or have specific program scholarships (e.g., HEOP, an athletic award, tuition remission, tuition exchange) are disqualified, as students may only qualify for one discounted tuition program at a time.

To qualify:

- Be an entering or continuing undergraduate full-time student in first degree-granting program at the Long Island or New York City campus
- Have a valid FAFSA on file for the relevant academic year prior to the award application deadline
- Parent or legal guardian must be actively employed full-time (non-volunteer) as one of the following professionals:
    - Police Officer
    - Firefighter
    - Emergency Medical Technician (EMT) in emergency medical services
    - Certified Teacher of a K–12 grade

- Submit the Children of Police Officers, Firefighters, EMT, and K–12 Teachers Award form to the Office of Financial Aid once per application year by the deadline.

    - Deadlines: July 15 for fall, December 15 for spring
    - Incomplete applications will not be reviewed or considered. Applications received after the deadline will be placed on hold and be reviewed for the next semester.
- Submit a copy of the parent's/legal guardian's unexpired active status employee ID card/badge
- Submit an official letter on letterhead from the parent's/legal guardian's place of employment verifying their current work status (i.e., full-time and active employment), in addition to completion and submission of Section A on the Children of Police Officers, Firefighters, EMT, and K–12 Teachers Award form.

NYIT FIRST Scholarship: $500 (one-time award)

In collaboration with FIRST, New York Tech offers two $500 merit-based scholarships to high school seniors who have been actively involved on a FIRST team and would like to attend New York Tech. This scholarship may be used for a student in any undergraduate program offered in NYIT College of Engineering and Computing Sciences. This scholarship is a one-time award and is in addition to any other scholarship from the university for which students may qualify. Each recipient must meet the regular academic requirements for admission to the college. Complete the application. All applications must be received by May 15.

To qualify:

- Complete the FAFSA (U.S. students only)
- Be a senior in high school
- Participated on a FIRST team
- Minimum high school GPA of 3.0 (on a scale up to 4.0)
- Apply and be admitted as a full-time student in one of the following programs:
    - Computer Science
    - Construction Engineering
    - Electrical and Computer Engineering
    - Electrical and Computer Engineering Technology
    - Engineering Management
    - Information Technology
    - Mechanical Engineering

You do not need to have already been admitted at the time you apply for this scholarship.

Apply by May 15:

- Complete the NYIT FIRST Scholarship Application, including high school transcript and SAT/ACT score report
- Submit a 500-word essay regarding how your FIRST experience has affected your career goals OR essay describing your FIRST involvement, co-curricular activities and any academic honors
- Submit a letter of recommendation from an adult mentor/coach on your FIRST team

Raise Scholarship

Create your profile on Raise and get matched to New York Tech scholarships while you are in high school.

Join Raise now

Additional information and criteria can be viewed at Financial Aid – *New York Tech Scholarships*.

Financial Aid Undergraduate

High School Diploma: Undergraduate Students

If you enroll in higher education for the first time on or after July 1, 2012, in order to be eligible for federal student aid, you must have either a high school diploma or a recognized equivalent, such as: a General Educational Development (GED) certificate, state-authorized exam, completion of two-year program, "Excelled Academically in High School," or a homeschool education at the secondary level as defined by state law or grandfathered per Gen 15-09.

New students who do not have a high school diploma, or an equivalent such as a GED, and who did not complete secondary school in a homeschool setting are not eligible for Title IV funds.

Reference: Per 34 CFR 600.2 DCL Gen 15-09 [Title IV Eligibility for Students without a Valid High School Diploma]

Under the Consolidated and Further Continuing Appropriations Act of 2015 (as defined in section 484(d)(2) of the HEA), a student who does not have a high school diploma or an equivalent such as a GED certificate, or who was not homeschooled and who first enrolls in an eligible program of study on or after July 1, 2014, can only become eligible for Title IV assistance using one of the following Ability-to-Benefit (ATB) alternatives, when the student is also enrolled in an *eligible career pathway program*:

- Pass Department of Education-approved ATB test
- Complete six credits or 225 clock hours
- Complete state process approved by Secretary of Education

Reference: *2023–2024 Federal Student Aid Handbook*, Vol. 1, Ch. 1, pp. 6–9

New York Institute of Technology reserves the right to evaluate a high school diploma presented by a student. The university may, at any time, request a copy of a high school transcript to validate a high school diploma. A high school diploma or recognized equivalent is required to receive federal student aid.

Financial Aid Undergraduate

New York State Achievement and Investment in Merit Scholarship (NY-AIMS)

The New York State Achievement and Investment in Merit Scholarship (NY-AIMS) provides merit-based scholarships to New York State high school graduates who achieved academic excellence as a high school student, and enroll or plan to enroll in a public or private New York State college immediately after high school.

Eligibility

To be eligible, an applicant must:

1. Be a legal resident of New York State (NYS) and have resided in NYS for 12 continuous months
2. Be a U.S. citizen or eligible noncitizen
3. Graduate from a NYS high school
4. Enroll full-time as a first time student in an eligible NYS college for the fall term
5. Have achieved **at least two** of the following during high school:
    - Graduated with a final grade point average (GPA) of 3.3 or above
    - Graduated "with honors" on a New York State Regents diploma, or received a score of 3 or higher on two or more Advanced Placement (or AP) examinations
    - Graduated within the top 15 percent of their high school class

Awards

Recipients receive annual awards of $500 for not more than four years of undergraduate study, or five years if the program of study normally requires five years. Awards will be disbursed directly to the college and may be used to support the recipient's expenses while in college.

Note: Any award payment received may have tax implications. Any questions regarding this should be directed to a tax professional, the Internal Revenue Service, or the NYS Department of Taxation and Finance.

Application Process

No new NY-AIMS scholarships are being awarded by NYS HESC. For more information, contact the Scholarship Unit at scholarships@hesc.ny.gov or 888.697.4372.

Financial Aid Undergraduate

New York State Native American Indian Aid Program

Eligibility from NYS HESC

Enrolled members of a New York State tribe and their children who are attending, or planning to attend, a college in New York State and are New York State residents may apply for a New York State Aid to Native Americans award. Awards are made to all eligible applicants and there is no qualifying examination. Awards are available for two-, four-, or five-year programs.

Available Awards

Eligible and/or certified American Indian students are eligible to receive grant awards of up to $2,000 per year ($1,000 per semester) for up to four years of full-time study (five years for specific programs requiring five years to complete degree requirements). Students registered for less than 12 credit hours per semester will be considered "part-time" and will be funded on a prorated basis.

Funding is discretionary and can be used towards any direct or indirect cost of attendance. If funding is available, eligible students may receive aid for summer course work. Any aid a student receives for summer school study is deducted from the student's maximum entitlement for four years of full-time college study.

Application Process

In addition to submitting the completed application, students must provide the following supporting documents:

- Proof of high school graduation
- An official tribal certification form

- A letter of acceptance from the college

Applications and supporting documentation must be postmarked by July 16 for the fall semester, by January 4 for the spring semester, and by May 20 for the summer session (pending funding availability). There are no application fees. Students must apply for each semester of aid.

More Information

Specific eligibility criteria and information can be found at the New York State Education Department (NYSED) Indigenous Education Program Unit, or contact them by phone at 518.474.0537.

Financial Aid Undergraduate

New York State Aid for Part-Time Study (APTS)

The Aid for Part-Time Study (APTS) program provides grant assistance for eligible part-time students enrolled in approved undergraduate studies.

This New York State grant program provides aid amounts up to $2,000 per year ($1,000 per semester) for eligible part-time students enrolled in at least three (3) but fewer than twelve (12) credit hours per semester. An APTS award cannot exceed tuition charges. Students must be enrolled for the entire 15 weeks of the semester for which they are seeking APTS.

To be considered for an APTS award, you must:

- Be a legal resident of New York State and have resided in NYS for at least 12 continuous months prior to the start of the term
- Have graduated from a high school in the United States, earned a high school equivalency diploma by passing a Test Assessing Secondary Completion (TASC™) formerly known as a GED, or passed a federally approved "Ability to Benefit" test as defined by the commissioner of the State Education Department
- Be enrolled as a part-time student
- Be matriculated in an approved program of study in a participating New York State postsecondary institution
- Be in good academic standing
- Be charged at least $100 tuition per year
- Have not exhausted Tuition Assistance Program (TAP) eligibility
- Not be in default on a student loan made under any NYS or federal education loan program or repayment of any NYS award and be in compliance with the terms of any service condition imposed by a NYS award
- Be in compliance with the terms of any service condition imposed by a NYS award
- Meet the following income eligibility limitations,* which are based on New York State net taxable income; federal, state, or local pension income; and private pension or annuity income, if applicable, from the preceding calendar year:
    - For students who were eligible to be claimed as tax dependents by their parents, family New York State NET taxable income may not exceed $50,550. Family income includes student AND parent income.
    - For students who were not eligible to be claimed by their parents as tax dependents, their New York State NET taxable income (including spouse's income) may not exceed $34,250. The spouse's income must be included if they were married on or before December 31 of the previous calendar year.
    - For students who were not eligible to be claimed by their parents but were eligible to claim tax dependents other than self and/or spouse, their New York State NET taxable income (including spouse's income) may not exceed $50,550. The spouse's income must be included if they were married on or before December 31 of the previous calendar year.

** Private pension and annuity amounts are to be included in the calculation of income used for determining APTS award eligibility.*

Note: Net Taxable Income refers to that portion of income on which tax is payable after relevant exemptions and deductions have been taken into consideration, as reported on the appropriate New York State Income Tax Return. Individuals are required to report income, including income earned from outside NYS, on their APTS application regardless of whether they filed federal or state taxes, unless the income is not considered taxable by NYS law.

Funding is limited and students are strongly urged to apply early by completing the Aid for Part-Time Study application and submitting it to the Office of Financial Aid along with a copy of the appropriate year NYS Tax Return form for the student, spouse, and/or parents (if applicable). Students must submit all required documentation to the Office of Financial Aid as soon as requested.

New York State Part-Time Tuition Assistance Program (TAP)

NYIT TAP CODE – 2120

Part-Time TAP helps eligible New York residents attending in-state postsecondary institutions on a part-time basis pay for tuition. Part-Time TAP is a grant and does not have to be paid back.

To be eligible for Part-Time TAP, you must meet all of the eligibility requirements for TAP. Additionally, students must be taking at least six (6) but fewer than twelve (12) credits per semester to qualify for Part-Time TAP. The Office of the Registrar will review students' academic records for Part-Time TAP eligibility.

To apply for Part-Time TAP, complete the NYS HESC TAP application after completion of your Free Application for Federal Student Aid (FAFSA) or at hesc.ny.gov.

Part-Time TAP is not the same as Aid for Part-Time Study. Students may qualify for both Part-Time TAP and Aid for Part-Time Study in one semester, provided they meet eligibility criteria.

Financial Aid Undergraduate

New York State Math and Science Teaching Incentive Scholarships

New York State (NYS) Math and Science Teaching Incentive Scholarships are offered to encourage students to pursue careers as secondary math and science teachers (grades 7–12). This program provides awards to students attending school at the undergraduate and/or graduate degree level in exchange for five years of full-time employment as secondary education math or science teachers in New York State. Refer to the NYS-HESC website for application details and deadlines.

Eligibility

Applicants must:

- Be U.S. citizens or eligible noncitizens
- Be attending a college located in New York State
- Be matriculated in an approved undergraduate or graduate program at a degree-granting institution in NYS leading to a career as a secondary education math or science teacher
- Have a cumulative grade point average (GPA) of 2.5 or higher (for returning students)
- Not be a recipient of an award under the NYS Masters-in-Education Teacher Incentive Scholarship Program
- Execute a service contract in which they agree to work for five years as a secondary school math or science teacher (view the terms and conditions of the service contract)
- Not be in default on a federally guaranteed student loan
- Be in compliance with the terms of any service condition imposed by a NYS award

Award Amounts

Recipients shall receive an annual award for full-time study equal to the annual tuition charged to NYS resident students attending an undergraduate program at the State University of New York, or actual tuition charged, whichever is less (for the 2023–2024 academic year, the standard SUNY tuition rate is $7,070).

Note: Any award payment received may have tax implications. Any questions regarding potential tax implications should be directed to a tax professional, the Internal Revenue Service, or the NYS Department of Taxation and Finance.

New applicants will be ranked by GPA and total credits earned. If there are more applicants than available funding, awards will be paid according to rank.

Duration

Recipients are entitled to an annual award for not more than four academic years of full-time undergraduate study and one academic year of full-time graduate study while matriculated in an approved program leading to permanent certification as a secondary education teacher in mathematics or science.

Apply for Payment

Recipients are not required to submit another NYS Math and Science Teaching Incentive Scholarship Program Supplement once they have been awarded this scholarship, but they must complete the Free Application for Federal Student Aid (FAFSA) and apply for the Payment of State Grants, Scholarships, and Awards Application each year to receive payment.

A recipient seeking payment who is not a resident of New York State may contact the HESC Scholarship Unit at scholarships@hesc.ny.gov or schedule an appointment with an HESC representative.

Awards will be paid directly to the colleges on behalf of students upon the successful completion of each academic year.

Note: An applicant may attend less than full time during the last undergraduate or graduate year if less than a full-time course load is necessary

to complete the degree.

Please contact the HESC Scholarship Unit at scholarships@hesc.ny.gov or schedule an appointment with an HESC representative to inquire about the program.

Financial Aid Undergraduate

New York State Military-Related Awards

Preparing for College

If you are a veteran or currently in the military, there are programs to help you start or continue a college education. New York Institute of Technology has staff available to help military personnel and veterans begin, transfer, or transition to college.

You can begin your search at DANTES (Defense Activity for Non-Traditional Education Support), a Department of Defense agency that helps veterans and active-duty military personnel get started on a college or vocational program. Here you will:

- Learn about available educational benefits, based on your branch of service and status
- Learn how to earn college credit for your military experience
- Access your official military educational transcript to use for applying to college

Paying for College

New York State veterans, active-duty service members, or members of their immediate families may be eligible for higher education benefits that can help pay for college.

GI BILL®

The Department of Veterans Affairs Post-9/11 GI BILL® and the Montgomery GI BILL® provide funding for college degree and certificate programs for those who are:

- Active duty military
- Honorably discharged veterans
- Discharged with a service-connected disability

Learn more about these valuable benefits

Iraq and Afghanistan Service Grant

A student who is not eligible for a Pell Grant, but whose parent or guardian was a member of the U.S. Armed Forces and died as a result of service performed in Iraq or Afghanistan after September 11, 2001, may be eligible to receive the Iraq and Afghanistan Service Grant.

New York State Veterans and Families Benefits

Military and veterans education benefits may not cover all college expenses. Remember to apply for all the federal and state student aid you are eligible for by completing the Free Application for Federal Student Aid (FAFSA). If you are a New York State resident and plan to attend a college or university in New York, you may be eligible for New York's Tuition Assistance Program (TAP).

Veterans Tuition Awards	Provides awards for full-time and part-time study to eligible veterans matriculated at an undergraduate or graduate degree-granting institution or in an approved vocational program in New York State.
Military Enhanced Recognition Incentive and Tribute (MERIT) (also known as the Military Service Recognition Scholarship)	Provides financial aid to children, spouses, and financial dependents of those who, while New York State residents in service in the U.S. Armed Services or state-organized militia, at any time on or after August 2, 1990, died or became severely and permanently disabled while performing their military duties, whether in combat or not.
NYS Regents Awards for Children of Deceased and Disabled Veterans	Provides $450 per year to students whose parent(s) served in the U.S. Armed Forces during specified periods of war or national emergency and, as a result of service, either died, suffered a 40 percent or more disability, was classified as missing in action, or was a prisoner of war. The veteran must currently be a New York State resident or have been a New York State resident at the time of death or classification as missing in action.

Recruitment Incentive and Retention Program (RIRP)	RIRP provides college financial aid, up to $4,350 per year, to any active service member who has successfully completed advanced individual training or commissioning and other requirements of the NYS Division of Military and Naval Affairs. Information and applications for this program may be obtained from the NYS Division of Military and Naval Affairs.

Military Residency Waiver

The New York State residency eligibility requirement for recipients of awards administered by HESC is waived for a member of, or for the spouse or dependent of a member of, the armed forces of the United States who is on full-time active duty and is stationed in this state.

Duplicative Benefits

The combined tuition benefits available to a student cannot exceed the student's total tuition costs. Tuition payments received by a student under the Post-9/11 GI BILL® (Chapter 33 veteran benefits) and Yellow Ribbon Program are considered duplicative of any VTA and/or TAP award. Students receiving tuition assistance through these programs may, and in most cases will, have their state VTA and/or TAP payment reduced or denied due to these other benefits; however, payments received under the Montgomery GI BILL® do not duplicate the purpose of the VTA and/or TAP.

Questions?

Contact HESC's Scholarship Unit at scholarships@hesc.ny.gov.

Financial Aid Undergraduate

New York State Regents Awards for Children of Deceased and Disabled Veterans

N.Y. State Regents Awards for Children of Deceased and Disabled Veterans were created to provide financial aid to students whose parent(s) served in the U.S. Armed Forces during specified times of national emergency.

Eligibility

Students whose parent(s) served in the U.S. Armed Forces during specified periods of war or national emergency and, as a result of service, died, suffered a 40 percent or greater disability, was classified as missing in action, or was a prisoner of war may be eligible for this award. The veteran must currently be a New York State resident or have been a New York State resident at the time of death. The applicant must be pursuing an approved undergraduate degree at a college or university located in New York State. Please review the HESC website for information regarding conflict and applicable periods of service.

Award Amounts

The award is $450 per year.

How to Apply

Complete the Children of Veterans Award Web Supplement. Be sure to print the Web Supplement Confirmation, sign, and return it along with the required documentation according to the instructions.

Once you have established your eligibility, you must complete the Free Application for Federal Student Aid (FAFSA) and apply for the Tuition Assistance Program (TAP), or call HESC at 888.697.4372 to request a Scholarship and Grant Payment Application by June 30 of each academic year you seek payment.

First-time applicants for NYS aid under the provisions of the DREAM Act must apply for eligibility under the NYS DREAM Act before applying for other NYS Awards. If you have previously qualified under the NYS DREAM Act, you will simply need to add a new application to apply for NYS Awards.

FAFSA and TAP applications are available online. You must apply before June 30 of the academic year for which you are requesting payment.

Financial Aid Undergraduate

New York State Scholarships for Academic Excellence

NYS Scholarships for Academic Excellence provide up to $1,500 per year for up to five years of undergraduate study in New York State.

Eligibility

Students must:

- Have graduated from a New York State high school
- Study full time and be matriculated in an approved undergraduate program of study in a New York State postsecondary institution
- Be in good academic standing
- Not be in default on any state or federal student loan or on any repayment of state awards
- Be U.S. citizens or qualifying noncitizens
- Be New York State residents

Award Amount

This program provides scholarship assistance to outstanding New York State high school graduates. Each year, 8,000 scholarships are awarded —up to 2,000 scholarships of $1,500 and 6,000 scholarships of $500 to top scholars from registered New York State high schools. Awards are based on student grades on certain Regents exams. Recipients can also receive other non-loan student aid, but the total cannot exceed the cost of attendance.

Duration

The scholarship must be used within seven years commencing with the first academic year for which the scholarship was awarded. During this period, students are entitled to payment for up to four years of full-time study, or five years if enrolled in a bachelor degree program approved as a program normally requiring five years of study.

How to Apply

To apply, see your high school guidance counselor.

Notification Procedure

The State Education Department will notify the students who have been nominated by their high schools to receive the scholarship. The Higher Education Services Corporation (HESC) also receives notification from the State Education Department. To receive payment of the scholarship, the student must submit an application for payment to HESC by June 30 of each year for which assistance is sought. Application for payment is made by filing out the Free Application for Federal Student Aid (FAFSA) and the NYS Tuition Assistance Program (TAP) online applications.

Revocation

The scholarship will be revoked if the student begins study at an out-of-state institution. A student who is ineligible to receive payment of the scholarship during the first academic year of eligibility due to enrollment at an out-of-state institution loses all future eligibility for the award. The scholarship cannot be reinstated even if the student subsequently enrolls in a program of study at a New York State institution.

Financial Aid Undergraduate

New York State STEM (Science, Technology, Engineering, and Mathematics) Incentive Program

Eligibility from NYS HESC

The NYS STEM Incentive Program provides tuition awards to students who are New York State residents attending a public or private degree-granting college or university located in New York State. Recipients must be in the top 10 percent of students of their high school graduating class, pursue an approved, two- or four-year STEM degree program, and agree to live in NYS and work in a STEM field in NYS for five years after graduation.

Eligibility

An applicant must:

- be a NYS resident and have resided in NYS for 12 continuous months prior to the beginning of the fall college term
- be a U.S. citizen or eligible noncitizen
- be a high school senior/recent high school graduate who will be enrolled full time at a public or private college located in NYS, beginning in the fall term following their high school graduation
- be ranked in the top 10 percent of their high school graduating class at a NYS high school
- be matriculated in an approved undergraduate program leading to a degree in science, technology, engineering, or mathematics at a public or private college located in NYS
- maintain a cumulative grade point average (GPA) of 2.5 or higher
- execute a service contract agreeing to reside and work in the field of science, technology, engineering, or mathematics in NYS for five years (view the terms and conditions of the service contract)

Students matriculated in these programs of study may be eligible for a STEM Incentive Program award. The program of study must result in an approved occupation.

Award Amount

A recipient receives an annual award for full-time study up to the annual tuition charged to NYS resident students attending an undergraduate program at the State University of New York (SUNY), or actual tuition charged, whichever is less (for the 2023–2024 academic year, the standard SUNY tuition rate is a maximum of $7,070 per year).

The STEM Incentive Program award will be reduced by the amount of any other tuition-only assistance award, such as the NYS Tuition Assistance Program (TAP), received.

The number of awards to be made under this program to students attending private degree-granting institutions is subject to available funding.

Note: Any award payment received may have tax implications. Any questions regarding this should be directed to a tax professional, the Internal Revenue Service, or the NYS Department of Taxation and Finance.

Duration

A recipient is entitled to annual award payments for not more than four academic years of full-time undergraduate study while matriculated in an approved program leading to a degree in science, technology, engineering, or mathematics or five years if the program of study requires five years.

How to Apply

Complete and submit the NYS Science, Technology, Engineering, and Mathematics (STEM) Incentive Program Application. Be sure to print the Application Confirmation, sign and submit it, along with the required documentation, according to the instructions. You must also submit the FAFSA and the NYS Student Aid Payment Application.

First-time applicants for NYS aid under the provisions of the DREAM Act must apply for eligibility under the NYS DREAM Act before applying for other NYS Awards.

Recipient Selections

For students attending a private degree-granting college or university located in NYS, recipients will be selected using a lottery method.

Payment

A recipient is not required to submit another NYS Science, Technology, Engineering, and Mathematics Incentive Program Web Application once awarded this scholarship, but must complete the Free Application for Federal Student Aid (FAFSA) and the NYS Student Aid Payment Application each year to receive payment.

Awards will be paid directly to the colleges on behalf of students upon the successful completion of each term. Successful completion of a term means the applicant meets all of the eligibility requirements for the award.

Financial Aid Undergraduate

New York State Tuition Assistance Program (TAP)

NYIT TAP CODE – 2120

The following information is taken from the New York State Higher Education Services Corporation (HESC) website at hesc.ny.gov. Please contact the Office of the Registrar for specific program eligibility requirements.

The New York State Tuition Assistance Program (TAP) helps eligible New York State residents pay tuition at approved schools in New York State. Depending upon the academic year in which you begin study, an annual TAP award currently has a maximum eligibility of $5,665. TAP is a grant from the state. It does not have to be paid back.

To be eligible for TAP, you must:

- Be a United States citizen or eligible noncitizen
- Be a legal resident of New York State and have resided in New York State for 12 continuous months prior to the start of the term
- Have graduated from high school in the United States, earned a high school equivalency diploma by passing a Test Assessing Secondary Completion (TASC™) formerly known as a GED, or passed a federally approved "Ability to Benefit" test as defined by the commissioner of the New York State Education Department
- Study at an approved postsecondary institution in New York State
- Be matriculated in an approved program of study and be in good academic standing with at least a "C" average as of the fourth semester payment
- Be enrolled as a full-time student taking 12 or more credits applicable toward the degree program* per semester to receive TAP
- Be charged at least $200 tuition per year
- Not be in default on any state or federal student loans and not be in default on any repayment of state awards
- Be in compliance with the terms of any service condition imposed by a NYS award
- Meet income requirement
  See the following income eligibility limitations below:
  - $80,000 NYS taxable income for dependent undergraduate students, or those who qualify as an orphan, foster child, or ward of the court, or independent students who are married and have tax dependents, or independent students who are unmarried and have tax dependents
  - $40,000 NYS taxable income for married independent undergraduate students who have no other tax dependents
  - $10,000 NYS taxable income for unmarried independent undergraduate students with no tax dependents

** Credit-bearing courses in the student's minimum full-time course load (12 semester hours or the equivalent) must consist of courses applicable to the student's program of study as a general education requirement, major requirement, or elective.*

Students who do not meet all of the New York State residency and/or United States citizenship eligibility requirements for the TAP Grant may apply under the the Senator Jose Peralta New York State DREAM Act. For eligibility requirements and application information, visit the NYS HESC website.

TAP Certification Process: Each semester, the Office of the Registrar must certify the TAP award based on eligibility guidelines listed above. TAP certification begins after the end of the add/drop period and continues throughout the academic year.

What Determines the Amount of the TAP Award?
The award amount is determined by:

- Academic year in which first payment of TAP or any state award is received
- Type of postsecondary institution and the tuition charge
- Combined family New York State taxable income and federal, state, or local pension income and private and pension annuity, if applicable
- Financial status (dependent or independent)
- Other family members enrolled in college

How to maintain eligibility for TAP
To remain eligible for New York State student financial assistance, you must remain in good academic standing. Two elements make up good academic standing: making satisfactory academic progress toward a degree and pursuing the program of study. See *Satisfactory Academic Progress for TAP* and *Four- and Five-Year Baccalaureate Programs* at hesc.ny.gov.

How to apply for TAP
To apply for TAP, you and your parents (if dependent) must first create a FSA ID. The student logs onto Free Application for Federal Student Aid (FAFSA) with their FSA ID, and both the parent and student sign the FAFSA using their FSA ID and submit it to the federal government.

If you are eligible to receive federal student aid (also known as Title IV aid), you must complete both the FAFSA and the NYS TAP application. If you are not eligible to receive federal student aid (also known as Title IV aid), you must simply complete the NYS TAP application under the provisions of the NYS DREAM Act (see eligibility criteria for NYS TAP through the NYS DREAM Act).

If you are a New York State resident and did not complete the NYS TAP application after filing your FAFSA, you will receive an email from HESC—usually within three to four days of completing the FAFSA—with instructions on how to complete the TAP on the web application, provided you selected at least one NYS college on the FAFSA.

At the beginning of the online TAP application on HESC, you will be prompted to create a HESC-specific user name and personal identification number called a HescPIN. You will use your HescPIN when electronically signing your TAP application and when accessing your HESC

account information in the future. The NYS TAP school code: 4 Years Undergraduate – 2120.

If you are a qualifying New York State resident, you should complete the TAP application online using the New York State link on the FAFSA Submission Confirmation page, or by going to hesc.ny.gov.

The application deadline for TAP is June 30 of the academic year for which the aid is sought.

New York State Veterans Tuition Awards

Veterans Tuition Awards (VTA) are awards for full-time and part-time study for eligible veterans matriculated in an approved program at an undergraduate or graduate degree-granting institution or in an approved vocational training program in New York State.

Note: Students previously approved for this award must apply for payment each year. Those students who are attending an approved undergraduate or graduate program may apply for payment for the current academic year by completing the Free Application for Federal Student Aid (FAFSA) and then linking to the TAP on the web application. See *How to Apply for Payment* below for additional details.

Award Amounts

- For full-time study, a recipient will receive an award of up to the full cost of undergraduate tuition for New York State residents at the State University of New York, or actual tuition charged, whichever is less. Full-time study is defined as 12 or more credits per semester (or the equivalent) in an approved program at a degree-granting institution.
- For part-time study, awards will be prorated by credit hour. Part-time study is defined as at least three but fewer than 12 credits per semester (or the equivalent) in an approved program at a degree-granting institution.

Duplicative Benefits

The combined tuition benefits available to a student cannot exceed the student's total tuition costs. Tuition payments received by a student under the Post-9/11 GI BILL® (Chapter 33 veteran benefits) and Yellow Ribbon Program are considered duplicative of any VTA and/or TAP award. Students receiving tuition assistance through these programs may, and in most cases will, have their state VTA and/or TAP payment reduced or denied due to these other benefits; however, payments received under the Montgomery GI BILL® do not duplicate the purpose of the VTA and/or TAP.

Note: Students attending high tuition schools may be eligible to receive both the federal and state benefits. Additionally, students with a "Percentage of Maximum Benefit Payable" under the Post-9/11 GI BILL® (Chapter 33 veteran benefits) Program of less than 100 percent and those continuing to receive benefits under the Montgomery GI BILL® may also receive both federal and state benefits.

VTA Benefits – Duration

Full-time Study

- **Approved Undergraduate Degree-Granting Programs:** Awards are available for up to eight semesters (four years) of undergraduate study. Awards can be made available for up to 10 semesters of undergraduate study for enrollment in an approved five-year program or for enrollment in an approved program of remedial study.
- **Approved Graduate Degree-Granting Programs:** Awards are available for up to six semesters (three years) of graduate study.
- **Approved Vocational Training Programs:** Awards are available for up to a maximum of four semesters (two years) of study in an approved vocational training program.

Part-time Study

- **Approved Undergraduate Degree-Granting Programs:** Awards are available for up to the equivalent of 16 semesters (eight years) of part-time undergraduate study in a four-year program. Awards can be made available for up to the equivalent of 20 semesters (10 years) of part-time study for enrollment in an approved five-year undergraduate program, which normally requires five academic years of full-time study.
- **Approved Graduate Degree-Granting Programs:** Awards are available for up to the equivalent of six semesters (three years) of full-time graduate study.
- **Approved Vocational Training Programs:** Awards are available for up to a maximum of eight semesters (four years) of part-time study in an approved vocational training program.

Approved programs are defined as undergraduate degree, graduate degree, diploma, and certificate programs at degree-granting institutions, or non-credit vocational training programs of at least 320 clock hours specifically approved by the New York State Education Department Office of College and University Evaluation.

Eligible Veterans

Eligible students are those who are New York State residents discharged under honorable conditions from the U.S. Armed Forces and who are:

- Vietnam Veterans who served in Indochina between February 28, 1961 and May 7, 1975
- Persian Gulf Veterans who served in the Persian Gulf on or after August 2, 1990
- Afghanistan Veterans who served in Afghanistan during hostilities on or after September 11, 2001
- Veterans of the armed forces of the United States who served in hostilities that occurred after February 28, 1961 as evidenced by receipt of an Armed Forces Expeditionary Medal, Navy Expeditionary Medal, or a Marine Corps Expeditionary Medal

Students must also:

- Establish eligibility by applying to HESC
- Be a legal resident of NYS and have resided in NYS for 12 continuous months prior to the beginning of the term
- Be a U.S. citizen or eligible noncitizen
- Be matriculated full- or part-time at an undergraduate or graduate degree-granting institution in New York State or in an approved vocational training program in New York State
- Have applied for the Tuition Assistance Program for all undergraduate or graduate study
- Have graduated from high school in the United States, earned a GED, or passed a federally approved "Ability to Benefit" test as defined by the commissioner of the State Education Department
- Meet good academic standing requirements
- Be charged at least $200 tuition per year
- Be in a non-default status on a student loan made under any NYS or federal education loan program or repayment of any state award
- Be in compliance with the terms of any service condition imposed by a state award

How to Establish Eligibility

Complete the New York State Veterans Tuition Award Supplement or contact HESC. Questions regarding eligible service or how to document service should be directed to the HESC Scholarship Unit.

How to Apply for Payment

Once you have established your eligibility, you must apply for payment. While you need only establish your eligibility once, you must apply for payment each year.

For undergraduate and graduate, full-time and part-time study:

- Complete and submit the NYS Veterans Tuition Award Application. Be sure to print the Application Confirmation and sign and submit it along with the required documentation according to the instructions.
- Complete the Free Application for Federal Student Aid (FAFSA)—the form used by most colleges, universities, and vocational schools for awarding federal student aid and most state and college aid—and then link to TAP on the online application.

For veterans who do not anticipate filing a FAFSA, complete a Scholarship Grant Payment Application. To receive a copy of the application, please call 888.697.4372.

First-time applicants for NYS financial aid under the provisions of the DREAM Act must apply for eligibility under the NYS DREAM Act before applying for the Veterans Tuition Awards program. If you have previously qualified under the NYS DREAM Act, you will simply need to log into your account and add a new application to apply for the Veterans Tuition Awards.

For Vocational Training Program students, complete and submit only the NYS Veterans Tuition Award Application.

All applications must be completed by June 30 of the academic year for which an award is sought. To learn more about programs and benefits for veterans, visit the Division of Veterans Affairs website.

Financial Aid Undergraduate

New York State World Trade Center Memorial Scholarship

The NYS World Trade Center Memorial Scholarship provides access to a college education for children, spouses, and financial dependents of innocent victims who died or were severely and permanently disabled as a result of the September 11, 2001, terrorist attacks on the United States of America—at the World Trade Center, the Pentagon, and on airline flights 11, 77, 93, and 175—and the resulting rescue and recovery efforts.

Eligibility (from NYS HESC)

An applicant must:

- Be either a survivor, who is severely and permanently disabled as a result of injuries sustained in the attacks or subsequent rescue and recovery operations, or a child, spouse or financial dependent of a deceased or severely and permanently disabled victim
- Have graduated from high school in the United States, earned a high school equivalency diploma, or passed a federally approved "Ability to Benefit" test as defined by the commissioner of the State Education Department
- Study at an approved postsecondary institution in New York State
- Be matriculated in an approved program of study
- Be enrolled as a full-time student taking 12 or more credits per semester applicable toward the degree program
- Be in good academic standing
- Be in a non-default status on a student loan made under any NYS or federal education loan program or repayment of any NYS award
- Be in compliance with the terms of any service condition imposed by a NYS award

Note: *To be deemed severely and permanently disabled, one must be unable to engage in any occupation for payment or profit because of a severe or permanent disability sustained as a direct result of the September 11, 2001, attack on the United States or while engaged in the subsequent rescue and recovery efforts. For purposes of this award, someone who is able to work and earn money, even on a part-time basis or light duty, is not considered to have a severe and permanent disability.*

How to Apply

Complete and submit the NYS World Trade Center Memorial Scholarship Web Supplement. Be sure to print the online supplement confirmation, sign, and submit it, along with the required documentation (including the Total and Permanent Disability Verification Form), according to the instructions.

Note: You should complete an application for every member of the family that will use this scholarship (even if they are not old enough to attend college at this time, no matter what the age). This will save having to retrieve and send proof of eligibility at a later date when that child is old enough to attend college.

Once you have established your eligibility and are assigned an account number by Higher Education Services Corporation (HESC), you must do one of the following by June 30 of each academic year to request payment:

- Current New York State residents: Complete the Free Application for Federal Student Aid (FAFSA) and NYS Tuition Assistance Program (TAP) on the online application. FAFSA and TAP applications and instructions are available on hesc.ny.gov.
- Non-New York State residents must contact the HESC Scholarship Unit at scholarships@hesc.ny.gov or schedule an appointment to speak with an HESC representative.

Award Amount

World Trade Center Memorial Scholarships provide funds to help meet the cost of attending college. The award covers up to four years of full-time undergraduate study (or five years in an approved five-year bachelor's degree program) and includes the following components:

- Tuition: An amount equal to your actual tuition or the State University of New York's (SUNY) in-state tuition, whichever is less.
- Non-tuition Costs: These include room, board, and allowances for books, supplies, and transportation up to the average cost at SUNY colleges. The Commissioner of Education sets the non-tuition cost allowances each year.
- Residence: A student living on campus will receive a higher room and board allowance than a commuter student. If housing is not available for students on campus, they will receive the same allowance as students living on campus.

The maximum total annual award for students living on campus for the 2024–2025 academic year is $26,830, and the maximum total annual award for commuter students is $16,500. Note: Students choosing to live off campus when housing is available will be paid at the lower commuter rate.

Receipt of other grants and scholarships may reduce the WTC award. The total of all aid received cannot be greater than the student's Title IV cost of attendance.

Award Payment

HESC will make payments to schools on behalf of students upon certification of eligibility and submission of appropriate financial aid applications.

Financial Aid Undergraduate

New York Tech Undergraduate Scholarships and Grants

Through the generosity of trustees, alumni, faculty, staff, and friends, New York Institute of Technology provides academic scholarships and

grants on the basis of academic achievement, high scholastic potential, and demonstrated need and/or ability.

Most scholarships and grants are renewable each fall and spring semester and based on eligibility and funding availability. Students must be full-time, and satisfactorily attempt to complete 12 credits within their program each semester to be eligible for awards the following semester. Students must also maintain satisfactory academic progress (SAP) and the minimum cumulative GPA each semester as required by the scholarship and/or grant requirements effective at the time of admission to the university. Scholarships and grants are for tuition only and are divided equally between fall and spring semesters. They are not applicable to any summer session attendance. Institutional aid is credited to a student's account after the end of the add/drop period. Any designated "tuition-only" awards cannot exceed the cost of tuition and will be reduced accordingly.

It is the student's responsibility to notify the Office of Financial Aid of any outside scholarships, grants, or loans. Receipt of outside aid may affect currently offered aid. Students should contact the Office of Financial Aid for more information on the availability of scholarships and grants. Very limited scholarships and grants may be available based on funding for part-time study. Students may receive two or more merit-based academic scholarships concurrently if, at the time of admission, the Office of Admissions offers to new students any additional renewable or non-renewable recognition and/or enrichment awards.

The university reserves the right to revise its financial aid programs. All programs are subject to change due to modifications in government or institutional policies. Additional criteria and information may be obtained from the Office of Financial Aid. Students are responsible for reading Financial Aid Disclosures before deciding to accept or reject their financial aid.

Eligibility for institutional scholarships, assistantships, and grants are limited to students whose campus location is Long Island, New York City, or Online. To qualify, a student:

- Must be enrolled full-time (12 credits or more per semester) in undergraduate courses required for their academic program
- Must maintain continuous enrollment
- Must maintain a minimum cumulative GPA each semester as required for specific scholarships, and be making Satisfactory Academic Progress (SAP)
- Should file their FAFSA application by the February 14 priority date
- Will only be eligible for a scholarship for a maximum of eight full-time semesters of continuous enrollment, unless enrolled in an approved undergraduate five-year program (ten full-time semesters), or is a transfer student*
- Will only be eligible for an undergraduate scholarship if enrolled full-time (12 credits or more) in courses applicable to their undergraduate program

* Transfer scholarships are not to exceed a maximum of three years or six semesters of continuous full-time enrollment, unless enrolled in an approved undergraduate five-year program. All renewal criteria must be met.

Students who qualify for special discounted tuition packages may not qualify for other university scholarships, or may have scholarships or discounted tuition packages reduced accordingly. In the case of a tuition discount (e.g., tuition remission), scholarships received for credits taken in excess of maximum allowable discounted tuition will be prorated accordingly based on standard remaining credit ranges. In addition, students may only qualify for one discounted tuition program at a time. Any combination of scholarships and tuition credit awards cannot exceed tuition charges.

Students may receive a prorated scholarship, if they are enrolled for less than 12 credits within their program in their final semester of enrollment, provided all other scholarship renewal criteria are met. Scholarships and grants are only available for fall and spring semesters and cannot be used for attendance during summer periods of attendance.

More Information

- **First-Year Student Scholarships**
- **Transfer Scholarships**
- **Continuing Student Scholarships**
- **New York Tech Grant**
- **Athletics Service to School Award**

Financial Aid Undergraduate

New York Tech Grant

New York Institute of Technology has made a limited number of grants available based on financial need. For maximum consideration, students must file a Free Application for Federal Student Aid (FAFSA) form. Amounts vary annually depending on the student's financial need and the availability of funds. Students must be making Satisfactory Academic Progress (SAP) toward their degrees, be enrolled full-time in courses applicable to their degree program for the semester awarded, and demonstrate financial need as evidenced by their FAFSA.

The **New York Tech Grant** is for tuition only and is divided equally between fall and spring semesters. Eligibility for institutional scholarships and grants is limited to students whose Office of Admissions-assigned campus location is Long Island, New York City, or online. The New York Tech Grant cannot be used for summer or for intersession-only periods of attendance. Students who receive discounted tuition rates or other institutional grants (e.g., Athletics Service to School award or Athletics Grant-in-Aid award) may be ineligible for the New York Tech Grant. Additional eligibility criteria can be viewed at Financial Aid – *New York Tech Scholarships*.

The **New York Tech Resident Hall Grant** is designated for room and board only; this grant is not applied towards tuition. Eligibility for institutional scholarships and grants is limited to students whose Office of Admissions-assigned campus location is Long Island or New York City. The New York Tech Resident Hall Grant cannot be used for summer or for intersession-only periods of attendance. Students who receive discounted tuition rates or other institutional grants (e.g. Athletics Service to School award or Athletics Grant-in-Aid award) may be ineligible for the New York Tech Resident Hall Grant. Additional eligibility criteria can be viewed at Financial Aid – *New York Tech Scholarships*.

Additional sources of assistance may be available through outside organizations or other state agencies. Visit Financial Aid – *Scholarships, Grants, and Self-Help Aid* for more information about private scholarships and online scholarship search engines.

Financial Aid Undergraduate

Other State Aid Outside of New York

Vermont Incentive Grant

Vermont residents who are accepted or enrolled full-time (12 credits or more per semester) in an undergraduate or certificate program, and do not already have a bachelor's degree, can apply for the Vermont Incentive Grant. A Vermont Part-Time grant may also be available for students taking less than 12 credits per semester. These need-based grants can be used at schools, either within Vermont or out of state. To apply, complete a Free Application for Student Aid (FAFSA) and a Vermont Grant Application. Go to Vermont Student Assistance Corp (VASC) and complete an application as soon as possible, as this grant is awarded on a first come, first serve basis.

Financial Aid Undergraduate

Preparatory Coursework

Federal References:

- *2023–2024 FSA Handbook* Volume 1, Chapter 1 pp. 2–3;
- *2023–2024 FSA Handbook* Volume 8, Chapter 1, pp. 6–7;
- *2023–2024 FSA Handbook* Volume 8, Chapter 4, pp. 5–7;
- *Code of Federal Regulations* Title 34 CFR 685.200(f)(6)

A student may apply for a Federal Direct Loan for preparatory coursework that the college has documented as necessary for them to enroll in an eligible program. Courses must be part of an eligible program otherwise offered by the college. If enrolled at least half-time in these prerequisite courses, a student may be eligible for loans for one consecutive 12-month period beginning on the first day of the loan period.

Preparatory coursework prepares a student to be eligible for admission as a regular student into an educational program. In other words, a preparatory course is any prerequisite that must be completed for a specific academic program before being admitted into that academic program at the postsecondary level. For example, this could include being required to complete certain foreign language or other prerequisite courses before being admitted into a postsecondary program. A student **must not** yet be admitted when those preparatory courses are taken for the purposes of Title IV aid. **After** the student has been admitted as a regular student by the school, the student cannot receive Title IV aid for any preparatory coursework; at that point, Title IV aid can only be paid for courses which count toward degree completion requirements. After admission, prerequisite courses that do not count toward degree completion and are not remedial courses cannot be paid with Title IV aid.

An undergraduate student may borrow up to $8,625 (for the one consecutive 12-month period) in Federal Direct Subsidized and Unsubsidized Loans if they are taking prerequisites coursework required for an undergraduate degree. A student in an undergraduate program cannot receive the graduate loan limits based on taking graduate coursework as a part of the undergraduate program.

Breakdown of the loan limits for **undergraduate degree preparatory coursework** is as follows:

- Direct Subsidized or Unsubsidized = $2,625**
- Additional Unsubsidized (for independent students and dependent undergraduates whose parents are unable to receive a PLUS loan) =

$6,000**

Breakdown of the loan limits for undergraduate students taking **preparatory coursework required for enrollment in a graduate degree program**:

- Direct Subsidized or Unsubsidized = $5,500**
- Additional Unsubsidized (for independent students and dependent graduates whose parents are unable to receive a PLUS loan) = $7,000**

*** Loan limit is not prorated if the coursework lasts less than an academic year. See 2023–2024 FSA Handbook, Volume 8, Chapter 1, for more information on FSA eligibility for this coursework.*

To be eligible for loans under this exception, a student must be taking prerequisite classes for full admission into a graduate program. If a student is only taking them to raise their GPA in order to be admitted, they would not qualify. The ability to borrow funds requires that a student has not reached undergraduate loan limits for subsidized and unsubsidized loans.

Eligibility for a federal student loan may be granted for up to one calendar year (one consecutive 12-month period) if the student is enrolled in coursework required to meet prerequisites for admission into a degree program. In order to be offered federal student loans for preparatory coursework, students must complete a Preparatory Coursework Form with the academic department chairperson, or other departmental designee, and submit completed form to the Office of Financial Aid.

English as a Second Language (ESL Courses): Financial Aid Eligibility

Reference: *2023–2024 FSA Handbook* Vol. 1, Ch. 1, pp. 2–3; **plus** *Code of Federal Regulations* Title 34 CFR 668.20; Title 34 CFR 668.8(j); **and** Title 34 CFR 668.32

ESL courses taken when a student is enrolled in an ESL program are not eligible for financial aid. ESL courses are non-academic courses, which are not counted toward the completion of a student's degree. ESL courses are used in preparing a student for being able to pursue their courses to obtain their degree; these non-credit courses do not go toward the student's federal financial aid. Federal aid is provided for courses that are required for the degree the student is pursuing.

ESL courses do not count against the one-year limitation on remedial coursework, and they need not be at the secondary school level.

If taken as part of an approved academic program and have credit equivalencies, students taking ESL courses are eligible for financial aid purposes and aid will be awarded to cover tuition costs for these courses. In order to be aid eligible, an ESL program must meet the general requirements for eligible programs (e.g., it must lead to a degree or other credential), and a school must request an eligibility determination for it from the department. The program may admit only students who need instruction in English to be able to use the knowledge, training, or skills they already have. The school must document its determination that the ESL instruction is necessary for each student enrolled. Awarding Pell Grants over a series of semesters for such work can exhaust eligibility for Pell Grants before the student completes their program. In other words, students enrolled in a program that consists solely of English as a second language (ESL) instruction are only eligible for Pell Grants.

Students admitted as conditional are regular students only if the school officially accepts them into the eligible degree or certificate program. The Federal Department of Education does not define official acceptance or admission. If the student is merely allowed to take some courses before being officially admitted to the program, the student is not considered a regular student and is not eligible for FSA funds until officially admitted.

If part of a student's academic program, a student can receive aid for a limited amount of remedial coursework that is included as part of a regular program. As long as the student qualifies for aid for remedial courses, you must include the remedial courses in the student's enrollment status. Some schools give no credit or reduced credit for remedial classes. To determine enrollment status, credit hours for the remedial class should be the same as for the comparable full-credit class.

More information about ESL course grading can be found in Academic Policies.

Private Loans

New York Institute of Technology is not affiliated with any private educational lender and encourages students to use all federal and state funding sources prior to seeking funds from private educational lenders. The Office of Financial Aid will offer helpful advice to all students on resources that best suit financing their educational needs.

Additional information can be found at Financial Aid – *Loans* and Truth in Lending (TILA).

Once you have received and responded to your Financial Assistance Plan, you can apply for private loans. Helpful information on private loans

is listed below. Remember that Federal Direct Loans are also available.

As a borrower, you have the right and ability to borrow student and/or parent private loan funds using any lender you choose. The university encourages students to research and select any of the many educational lenders that provide meaningful benefits to your specific needs. Please note that borrower benefits and lender fees may vary by lender.

Many lenders have an online application process and will inform you of the credit decision within 24–48 hours. The lender will notify the Office of Financial Aid of your loan approval. You may also contact the Office of Financial Aid at finaid@nyit.edu or 516.686.7680 to inform us if you have been approved for a private student loan so that we may process and certify your loan correctly. As always, we are here to assist you in any way possible. Helping our students to achieve their academic goals is our top priority.

Private student loans are used to fill the gap between the cost of education and financial aid received. It is recommended that you first borrow the maximum Federal Direct Loans for which you are eligible and consider the Federal Parent Loans for Undergraduate Students (PLUS) loan before applying for an alternative student loan. The Federal PLUS loan is usually less expensive than an alternative loan. In addition, alternative loans are based on credit and debt-to-income ratio whereas the PLUS loan is based on credit only.

Some private loan lenders charge fees on their loans, which can significantly increase the cost of the loan. A loan with a relatively low interest rate but high fees may ultimately cost more than a loan with a higher interest rate and no fees. Also, be aware that the higher the number of payments/years that you have to repay the loan, the more money you will pay in interest over the life of the loan.

Lower rates are generally offered to students with extremely good credit scores. The rates and fees generally increase proportionately as credit scores decline. Many lenders will require school certification and will not lend more than what the school determines to fit into the total cost of education less all other financial aid received.

Private loan lenders often defer the principal payment while the student is in school, and up to six months or more after the student's last date of attendance (known as a grace period). During the time of principal deferment, interest is still accruing on these loans. If a student elects not to pay interest while in school, the lender will add the interest to the principal loan amount (capitalization). It is not uncommon for a lender to advertise lower interest rates during in-school and grace periods and then increase the interest rate when full repayment begins.

Students may apply for a private loan with a creditworthy co-borrower if they are unable to borrow a loan on their own. In some cases, it may be advisable to have a co-borrower even if they are able to borrow a loan on their own, as many lenders offer lower interest rates and/or fees for loans with a creditworthy co-borrower.

Financial Aid Undergraduate

Requirements for Determination of Independent Student Status

To be considered an independent student for any federal financial aid program, students must meet one of the following criteria:

1. Age 24 or older as of December 31 of the award year
2. For students under 24, one of the following criteria must be met:
    - Married student (at the time the FAFSA is signed)
    - Graduate or professional student
    - Veteran or currently serving on active duty in the U.S. Armed Forces for purposes other than basic training
    - Have children and/or legal dependents other than a spouse for whom student provides more than 50 percent of the financial support throughout the award year
    - Orphan, foster child, or ward of the court at age 13 or older
    - Have been determined by a court in your state of legal residence that you are an emancipated minor, or that you are in a legal guardianship at the time the FAFSA is signed or were in a legal guardianship immediately before reaching the age of being an adult in your state
    - An unaccompanied youth who is determined to be homeless, or were self-supporting and at risk of being homeless, by your high school, a school district homeless liaison, the director of a runaway or homeless youth center/transitional living program, or the director of a shelter or transitional housing program funded by the U.S. Department of Housing and Urban Development
    - Classified by the Office of Financial Aid as independent because of other unusual circumstances that have been fully documented and are consistent with federal regulations

The determination of dependency status is derived from the answers to the dependency status questions on the Free Application for Federal Student Aid (FAFSA). Further information regarding dependency status questions can be found at the Federal Student Aid website.

Students who do not meet the federal definition of an independent student, and who have extenuating circumstances, may request consideration for a Dependency Override. In such cases, the Office of Financial Aid will require additional certification and documentation to determine that a student is independent for purposes of federal financial aid programs. A determination of independent student status for federal student aid purposes does not automatically translate to the same determination for state aid programs and vice versa, nor does this determination guarantee that an applicant will receive additional financial aid that is sufficient to meet the cost of attendance.

Satisfactory Academic Progress (SAP) Policy: Undergraduate Students

Financial Aid Rules Regarding Academic Progress and Satisfactory Standards for Financial Aid Eligibility

This policy becomes effective with grades earned in the Fall 2020 semester and for all subsequent semesters. The policy complies with updated federal regulations (CFR 668.34) effective as of July 1, 2011.

Introduction

To receive Title IV federal financial aid, institutional funds administered by the Office of Financial Aid, or certain Veterans Benefits, students must maintain measurable Satisfactory Academic Progress (SAP) toward degree program completion. Federal regulations require evaluation of qualitative and quantitative measures, as well as completion of the degree objective within 150 percent of the normal published time frame.

NOTE: This SAP policy is separate and distinct from both the Academic Probation and Suspension policy administered by the Office of the Registrar, and the SAP policy of the New York State Tuition Assistance Program (TAP).

All enrollment periods, including those for which a student did not receive financial aid, are included in the measurement of Satisfactory Academic Progress. The student's entire academic history will be considered when determining SAP status. This includes all transfer credits on the New York Institute of Technology transcript. Incompletes (I), Withdrawals (W), and Unofficial Withdrawals (UW) count as attempted credits, but not earned credits. Withdrawn Failing (WF) and Failing (F) count as attempted credits and earned grades.

Students who do not meet the standards of Satisfactory Academic Progress will not be eligible for federal or institutional financial aid until they have successfully appealed their Unsatisfactory Academic Progress (UAP) status and can regain eligibility by meeting the standards of this SAP policy or by following a prescribed academic plan as determined by an academic school designee.

Reference: *2023–2024 Federal Student Handbook*, Vol. 1, Ch. 1, pp. 12–18

Guidelines for Academic Progress

For financial aid purposes, an aid year consists of summer, fall, and spring enrollment periods. Summer begins the year, and spring concludes it. Students attending intersessions (short-term courses between the fall and spring semesters) will have those courses evaluated with spring semester progress. The measurement of Satisfactory Academic Progress is calculated at the end of each enrollment period (semester) during an aid year, and status is effective with the next enrollment period (semester).

If a student changes majors or academic programs, all attempted and earned credits will be included in the qualitative, quantitative, and normal time frame measurements (no more than 150 percent), with the exception of those stated elsewhere in this policy.

Qualitative Standard

The qualitative component measures the quality of a student's academic progress by their cumulative GPA.

Undergraduate Standard

All undergraduate students must maintain a cumulative GPA of 2.0 at the end of each enrollment period.*

* Where applicable, athletic award eligibility will continue to be governed by a signed *Athletic Agreement*. All other Title IV and institutional aid for athletes will be governed by this Office of Financial Aid's Satisfactory Academic Progress policy.

The required cumulative GPA is based on the total number of attempted and earned credits, including the grades of F (Failure) and WF (Withdrawn Failure). Grades of I (Incomplete), W (Withdrawn), and Unofficial Withdrawal (UW) are not factored into a student's cumulative GPA.

Pace (formerly referred to as the Quantitative Standard)

Students must meet a quantitative standard of academic progress measured as a completion rate percentage. They must successfully complete 67 percent of all attempted credits to graduate within 150 percent of the normal time frame. This calculation is made as follows:

Successfully Completed Credits/Attempted Credits = Completion Rate (result rounded to the closest whole number, i.e., 18/27 = 66.67 percent or rounded to 67 percent)

For the purposes of measuring pace, the grades of Incomplete (I), Withdrawn (W), Unofficial Withdrawal (UW), Withdrawn Failure (WF), and Failure (F) count as attempted credits but not as successfully completed credits. Accepted transfer credits are also included in this calculation, both as attempted and earned credits.

Maximum Time Frame for Degree Completion

Students must obtain a degree within 150 percent of the normal time frame for degree completion. For example:

- For a baccalaureate program requiring 130 credits, a student must obtain a degree within 195 attempted credits (130 x 1.50 = 195).
- For an associate degree program of 60 credits, a student must obtain a degree within 90 attempted credits (60 x 1.50 = 90).
- For a graduate program requiring 36 credits, a student must obtain a degree within 54 attempted credits (36 x 1.50 = 54).
- The maximum time frame is based upon the student degree classification in New York Institute of Technology's academic records.

Effects of Remedial, ESLI, and Repeated Courses

Remedial and/or ESLI coursework does not count toward degree requirements. Remedial courses are counted as both attempted and earned credits. English as a Second Language (ESLI) courses are not counted in hours attempted or earned, but they are counted towards enrollment (full-time, 3/4 time, etc.).

The Department of Education has implemented regulations governing repeated coursework effective July 1, 2011, per federal regulations (34 CFR Section 668.2). The regulations have been implemented to improve the pace of graduation completion for students, which in turn should reduce loan indebtedness and preserve grant funding levels. Repeating courses may significantly impact Satisfactory Academic Progress (SAP) and eligibility for Title IV federal financial aid and institutional aid. Grades of D or better in repeated courses will be counted as earned credits. All course repeats will count as attempted credits and be used in the quantitative and maximum time frame components of the SAP policy. Students should consult with a financial aid advisor before registering for a repeated course. Students may be full-time or part-time.

Consequences of Failure to Meet Satisfactory Academic Progress

Financial Aid Warning is a status assigned to a student who fails to make Satisfactory Academic Progress at the end of an enrollment period. A student who fails to meet SAP (excluding maximum time frame) at the end of an enrollment period is no longer eligible for financial aid; however, for the first term of ineligibility, a student is automatically placed in a Financial Aid Warning status, not to exceed one enrollment period.

- During the warning period, a student may receive financial aid despite the determination that the student is not meeting SAP standards.
- A student must meet SAP standards by the end of the warning period. If SAP standards are not met, financial aid eligibility will be suspended until the student regains SAP or files an appeal.
- For denied appeals, a student must pay for all enrollment periods after the warning period through personal or private funds. A student will regain eligibility for federal student aid funds when SAP standards are met.

Financial Aid Probation: This status is assigned to a student who fails to make Satisfactory Academic Progress, has successfully appealed, and can meet minimum SAP standards by the end of an enrollment period. This student has had eligibility for aid reinstated and can receive financial aid for one enrollment period.

For students who have successfully appealed but cannot meet minimum SAP standards by the end of one enrollment period, an individual academic plan may be developed in conjunction with an academic school designee. These students will be evaluated and must demonstrate progress each period, as required, in a maximum of two enrollment periods (beyond the “warning” term).

Appeal Process

Extenuating circumstances may occur during an enrollment period and impact a student's ability to meet SAP standards including, but not limited to:

- Personal injury or illness
- Death of an immediate family member
- Active-duty military deployment
- Other unexpected extenuating circumstances beyond a student's control

In all cases, the circumstances must be sufficiently documented.

If extenuating circumstances occur and a student wishes to appeal their status, a Satisfactory Academic Progress Appeal form must be submitted to the Office of Financial Aid. A student must meet with the appropriate academic school designee to discuss and document the appeal. The academic school designee will recommend whether the student's eligibility should be reinstated.

- The appeal must include appropriate documentation of the circumstances that led to it and how a student will demonstrate successful academic progress at the next evaluation.
- If a student is able to meet the SAP policy standards within one enrollment period, the Satisfactory Academic Progress Appeal Form and its documentation will be submitted to the Office of Financial Aid. The SAP Appeals Committee will review the appeal and make a final determination.
- If a student will require more than one enrollment period to become compliant with SAP policy standards, an academic plan may be developed by the academic school designee, specifying the coursework and grades necessary to become compliant each period within a

maximum of two enrollment periods.

- The SAP Appeals Committee will review progress at the end of each enrollment period. If a student is not meeting the terms of an academic plan, financial aid eligibility will be suspended until the student regains SAP.
- An academic plan to meet SAP policy standards must not exceed two additional enrollment periods.
- Students will be granted up to two appeals during their entire academic program.
- As a result of a change of major or academic program change, a student may not complete a degree objective within 150 percent of the normal time frame. If this occurs and a student wishes to appeal the suspension of financial aid eligibility, a Satisfactory Academic Progress Appeal Form must be submitted with an academic plan approved by an academic school designee that identifies remaining coursework and a projected graduation date. Extensions of the maximum time frame may not exceed two additional enrollment terms. Extensions of time frame will not be granted to students who have less than the required cumulative GPA or less than a 67 percent completion rate at the time of appeal.
- Incomplete appeal forms will not be reviewed.
- Eligibility for institutional scholarships and grants is not guaranteed with the approval of a SAP appeal or during warning and probation periods. A separate appeal may be required for certain types of institutional aid (e.g., scholarship renewal criteria, limited funded grants, etc.). Contact the Office of Financial Aid for all the information.

Final decisions will be made by the SAP Appeals Committee. Evaluations and decisions are based on the documented information provided, the circumstances leading to the appeal, and the academic plan, if required. Students will be notified of the committee's decision in writing via postal mail or email. The decision of the SAP Appeals Committee is final.

If an appeal is denied, a student is no longer eligible to receive financial aid from the university until the student becomes compliant with SAP policy standards.

Tuition Assistance Program (TAP) Satisfactory Academic Progress

New York Institute of Technology is responsible for implementing standards for satisfactory academic progress to maintain eligibility for the New York State Tuition Assistance Program (TAP).

The standards that apply to TAP and other New York State awards require recipients to maintain a steady rate of progress toward a degree and to earn a prescribed academic average. Standards affect all students who receive TAP and other New York State awards. Additional information on satisfactory academic progress may be found at the Office of the Registrar and the Enrollment Services Center. Additionally, the chart below demonstrates minimum requirements and can also be found at the NY State HESC website.

Program: Baccalaureate Semester-Based Program Chart

Applies to nonremedial students first receiving aid in 2010–2011 and thereafter

Before Being Certified for This Payment	6pt	12pt	18pt	24pt	30pt	36pt	42pt	48pt	54pt	60pt
	1st	2nd	3rd	4th	5th	6th	7th	8th	9th**	10th**
A Student Must Have Accrued at Least This Many Credits	0	6	15	27	39	51	66	81	96	111
With at Least This Grade Point Average (GPA)	0	1.5	1.8	1.8	2	2	2	2	2	2

**** (The 9th and 10th payments are for approved five-year program students only.)**

Program: Baccalaureate Semester-Based Program Chart (2006 Standards)

Applies to students first receiving NYS aid in 2006–2007, 2007–2008 through and including 2009–2010, and remedial students first receiving NYS aid in 2010–2011 and thereafter

Before Being Certified for This Payment	6pt	12pt	18pt	24pt	30pt	36pt	42pt	48pt	54pt	60pt
	1st	2nd	3rd	4th	5th	6th	7th	8th	9th**	10th**
A Student Must Have Accrued at Least This Many Credits	0	3	9	21	33	45	60	75	90	105
With at Least This Grade Point Average (GPA)	0	1.1	1.2	1.3	2	2	2	2	2	2

**** (The 9th and 10th payments are for students in an approved five-year program only.)**

Program: Associate Degree Semester-Based Program Chart

Applies to nonremedial students first receiving NYS aid in 2010–2011 and thereafter

	Calendar: Semester					
Before Being Certified for This Payment	1st	2nd	3rd	4th	5th	6th
A Student Must Have Accrued at Least This Many Credits	0	6	15	27	39	51
With at Least This Grade Point Average (GPA)	0	1.3	1.5	1.8	2	2

Program: Associate Degree Semester-Based Program Chart (2006 Standards)

Applies to students first receiving NYS aid in 2006–2007, 2007–2008 through and including 2009–2010, and remedial students first receiving NYS aid in 2010–2011 and thereafter

	Calendar: Semester					
Before Being Certified for This Payment	1st	2nd	3rd	4th	5th	6th
A Student Must Have Accrued at Least This Many Credits	0	3	9	18	30	45
With at Least This Grade Point Average (GPA)	0	0.5	0.75	1.3	2	2

TAP Waivers

A one-time waiver may be granted to the recipient of state financial assistance who fails to maintain pursuit of the program or make satisfactory academic progress. A student must initiate the request for the waiver through the Office of Student Life and must be able to document one of three reasons for the request: death in a student's family, serious illness of a student, or other mitigating circumstances beyond a student's control. Approval of the waiver is not automatic. After a careful review of documentation, a student will be notified by email as to whether a one-time waiver will be granted.

For more detailed and complete information on the waiver and other requirements, review the Commissioner's Guidelines on the New York State Higher Education Services Corporation (NYSHESC) website at Appendix C: Commissioner's Guidelines on Good Academic Standing C-Average Requirement: Questions and Answers.

Student Expenses

Student expenses vary with the individual's academic program, schedule of classes, and whether the student commutes or lives in a residence hall. For the full-time student, the only fixed costs are tuition and the college fee based on the academic program.

Variable costs include food, housing, transportation, books, course materials, supplies, and equipment, and other personal expenses. The cost of meals on campus varies. The cost of books and personal expenses depends on the student's major and budget choices for leisure activities. Transportation costs vary by distance from the college and mode of transportation, including whether the student carpools.

Students with unusual expenses or special budgetary concerns should consult the Office of Financial Aid.

For more information, please see the Office of Financial Aid: *Costs and Allowances*.

Federal Reference: *2023–2024 Federal Student Handbook*, Vol. 3 Ch. 2: Cost of Attendance (Budget)

Study Abroad Programs

New York Institute of Technology study abroad programs offer exciting and effective ways to learn about the rapidly changing world and offer students opportunities to experience different cultures. The university has several study abroad programs administered by various academic departments that enable students to earn credits toward an academic degree. Many students choose the summer programs, which have been

developed over the years by the individual schools and colleges.

Students who plan to study abroad must contact their respective academic department for details about program enrollment. Students from other colleges and universities may be eligible to participate in study abroad programs. If non-New York Institute of Technology students want to use federal aid, a completed Contractual Agreement must be completed by the student's home school and be on file at New York Tech. For more information on financing for any contractual agreement or study abroad programs, contact the Office of Financial Aid. Students can determine eligibility for study abroad programs by contacting the appropriate program director or coordinator.

Reference: *2023–2024 FSA Handbook*, Vol. 2, Ch. 2: School Eligibility and Operations, (34 CFR 668.39 and CFR 668.50)

Financial Aid for Study Abroad Programs

The cost of attendance for the program will be provided by the New York Tech study abroad program coordinator. Actual costs will depend on current airfares, exchange rates, and other factors. New York Tech students participating in study abroad programs for credits toward their approved degree program may be eligible for financial aid, including grants (during a fall or spring semester) and loans. Students must:

1. Ensure they have a valid FAFSA on file with New York Tech (using Title IV code 002782)
2. Complete Study Abroad form
3. Complete Seasonal Loan Request form (if interested in federal or private loans that include a summer semester)
4. Submit documentation of the cost of attendance from the department

Eligible veterans should visit VA.gov, and state aid recipients should visit their state aid departments to determine if VA benefits or state aid can be used for study abroad programs. All forms must be completed within established deadlines as set by the Office of Financial Aid. For summer sessions I and III, all documents must be received no later than May 1. For summer session II, all documents must be received no later than June 1.

For more details, contact:

New York Institute of Technology
Office of Financial Aid
Northern Boulevard
Old Westbury, NY 11568-8000
Phone: 516.686.7680
Fax: 516.686.7997

Financial Aid Undergraduate

Title IV Student Withdrawal Policy: Undergraduate Students

Objective
The Title IV Student Withdrawal Policy is designed to ensure the accurate and timely determination of:

1. The date of the institution's determination that a student withdrew
2. The student's withdrawal date
3. The student's last date of attendance

The policy maintains the proper disposition of Title IV funds, in accordance with 34 CFR 668.22 of the Code of Federal Regulations.

Reference: *2023–2024 Student Financial Aid Handbook*, Volume 5, Chapter 1

Background
When a recipient of Title IV grant(s) and/or loan(s) withdraws from New York Institute of Technology during a payment period in which they began attendance, the university must determine the amount of the grant and/or loan assistance earned by the student as of their withdrawal date. This policy establishes steps that the university must take to ensure compliance with federal regulations.

Policy
New York Institute of Technology must always return any unearned Title IV funds that it is responsible for within 45 days of the date the university determined the student withdrew, and must offer any post-withdrawal disbursement of loan funds within 30 days of that date.

Note: On March 13, 2020, the President of the United States declared a national emergency due to COVID-19. The Coronavirus Aid, Relief, and Economic Security (CARES) Act was signed into law on March 27, 2020. As a result of the national emergency due to COVID-19, New York Tech moved students from ground-based instruction to distance learning for the remainder of the spring 2020 semester, and for the fall 2020 semester. After that, classes resumed in a hybrid format.

For the Summer 2020 semester and later (while the national emergency was still in place), a student must submit a written attestation explaining why the withdrawal was the result of the COVID-19 emergency in order to be eligible to retain all federal Title IV funds. Title IV funds will be returned as determined by the required R2T4 calculation for students who withdraw during these semesters; unless the student indicates, in writing, that the withdrawal is a result of COVID-19-related circumstances.

Note: As of the date of this update, The National Emergency is set to expire on May 11, 2023.

Withdrawal Date
A student's withdrawal date varies depending on the type of withdrawal. Reference: Determining a student's withdrawal date at a school that is not required to take attendance in the *2023–2024 Student Financial Aid Handbook*, Vol. 5, Ch. 1, pp. 23–24.

Official Notification Provided
In a case when the student provides official notification of their intent to withdraw, New York Institute of Technology will use the date of notification as follows:

- In the event that a student begins the withdrawal process*, the date the student begins the process is the date of withdrawal.
- In the event that a student sends written notification of intent to withdraw, the date the university receives the written notice is the date of withdrawal.
- In the event that a student makes an oral notification to the Office of the Registrar, which is the university's designated office for beginning the withdrawal process, the date will be documented by this office. The date of withdrawal will be recorded as of the date of oral notification, unless there is subsequent written notification, in which case the date that New York Institute of Technology receives the written notification may be the withdrawal date.

*To begin the withdrawal process, the student contacts the Office of the Registrar to obtain the appropriate withdrawal form. If the student both begins the withdrawal process and provides a notification to New York Institute of Technology, the earlier of the two dates will be used as the withdrawal date.

Official Notification Not Provided
In a case when the student does not provide official notification of their intent to withdraw, New York Institute of Technology may use the midpoint of the payment period as the date of withdrawal, with the following exception:

- When an official notification was not provided by the student because of circumstances beyond their control (i.e., illness, accident, grievous personal loss, or other circumstances), the date of the onset of such circumstances will serve as the withdrawal date as determined by the Office of the Registrar.

Last Date of Attendance
New York Institute of Technology may always use the withdrawal date as the student's last date of attendance at an academic activity reported by a faculty member on a course enrollment roster or final grade sheet. Examples of academic activities are exams, tutorials, computer-assisted instruction, academic counseling, turning in class assignments, or attending a study group assigned by the university. The faculty member will maintain documentation of the last date of attendance.

Date of Official Notification Not Provided
This is the date that New York Institute of Technology learns the student has ceased attendance. The university will perform the Return to Title IV funds calculation and return any unearned funds no later than 45 days after the end of the payment period. For a student who withdraws without providing notification, the university must determine the withdrawal date no later than 30 days after the end of the earliest:

1. Payment period or period of enrollment (as appropriate)
2. Academic year
3. Educational program

Reference: *2023–2024 Student Financial Aid Handbook*, Vol. 5, Ch. 2, pp. 9–12

Rescission of Withdrawal
New York Institute of Technology may allow a student to rescind an official notification to withdraw by having them file a written statement that the student is continuing to participate in academic activities and intends to complete the enrollment period. If the student subsequently ceases to attend the institution prior to the end of the payment period, the rescission is negated, and the withdrawal date will be the last date of attendance at an academic activity. If the student subsequently withdraws (without ever returning to the university) after rescinding an intent to withdraw, the rescission is negated, and the withdrawal date will revert back to the date of the first official notification.

Calculation of Earned Title IV Assistance
U.S. Department of Education software will be used to perform all refund calculations. A copy of the completed calculation worksheet will be kept in the student's file in the Office of Financial Aid. The amount of Title IV assistance earned by the student is calculated by determining the percentage of grant and/or loan assistance earned by the student, and applying that percentage to the total amount of grant and/or loan assistance disbursed to the student or on the student's behalf for the payment period, as of their withdrawal date. The percentage of Title IV assistance earned will be equal to the percentage of the payment period completed by the student, when said percentage is 60 percent or less. If the student's withdrawal date occurs after the completion of 60 percent of the payment period, the percentage earned is 100 percent.

Withdrawal from Cycle Classes
A Cycle Class is defined as a course in a program that does not span the entire length of the payment period or the period of enrollment. A student who registers for a Cycle Class and then ceases to attend or fails to begin attendance is considered withdrawn, if the student is not

attending any other classes and is not registered for a Cycle Class to begin at a later date within the enrollment period. A student is not considered to have withdrawn if the university obtains written confirmation at the time of withdrawal that the student will attend a Cycle Class to begin later in the same period of enrollment. This confirmation must be obtained at the time of withdrawal, even if the student has already registered for subsequent courses. If the student fails to return for the subsequent cycle, the date of withdrawal reverts back to the original withdrawal date in the earlier cycle.

Post-Withdrawal Disbursements
If the total amount of the Title IV grant and/or loan assistance earned by the student is more than the amount that was disbursed to the student as of the withdrawal date, the difference between the two amounts will be treated as a post-withdrawal disbursement. In the event of outstanding charges on the student's account, New York Institute of Technology will credit their account for all or part of the amount of the post-withdrawal disbursement of a Federal Pell Grant, up to the amount of allowable charges.

If the student is eligible for a post-withdrawal disbursement of Federal Direct Loans, the university will notify the student (or parent for a PLUS Loan) and provide the student (or parent) with the opportunity to accept or cancel all or a portion of the loan(s). The student (or parent) must submit a written attestation to accept a post-withdrawal disbursement of federal loans.

Any amount of a post-withdrawal disbursement that consists of loan funds and has not been credited to a student's account will be offered to the student (or parent for a PLUS Loan) within 30 days of the date the university determines the student's withdrawal. Any earned grant funds that the student is eligible to receive due to a post-withdrawal disbursement will be provided within 45 days of the date of determination. Students will be notified of such disbursements in writing. The notification will include:

- Identification of the type and amount of the Title IV funds that make up the post-withdrawal disbursement (not to include any amounts that have been applied to the student's account)
- Explanation that the student (or parent for a PLUS loan) may accept or decline some or all of the post-withdrawal disbursement (that which has not been applied to the student's account)
- Advisement that the university is not required to make a post-withdrawal disbursement if the student (or parent for a PLUS Loan) does not respond within 14 days of the date that New York Institute of Technology sent the notification

Upon receipt of a timely response from the student or parent, New York Institute of Technology will disburse funds in the manner specified in the response. Distribution will occur within 180 days of the date of determination of the student's withdrawal date. If no response is received from the student or parent, the university will not disburse any of the funds. New York Tech maintains the right to decide whether or not to make a post-withdrawal disbursement in the event that the student (or parent for a PLUS Loan) responds after 14 days of the date that notification was sent to them. If the university decides not to make this post-withdrawal disbursement, the student (or parent) will be notified in writing. In the case of a post-withdrawal disbursement, grant funds will be disbursed prior to loan funds.

Refund of Unearned Funds to Title IV
If the total amount of Title IV grant and/or loan assistance that was earned by the student is less than the amount that was disbursed to the student as of the withdrawal date, the difference between the two amounts will be returned to Title IV programs and no further disbursements will be made. Funds will be returned as follows:

Refunds by the University
In the event that New York Institute of Technology is responsible for returning funds to Title IV programs, the funds will be returned in the order prescribed by the U.S. Department of Education (listed below) within 45 days of the date of determination of a student's withdrawal.

- Unsubsidized Federal Direct Student Loans
- Subsidized Federal Direct Student Loans
- Federal Direct PLUS Loans
- Federal Pell Grants for the payment period for which a return of funds is required
- Federal Supplemental Educational Opportunity Grants (FSEOG) for the payment period for which a return of funds is required
- Teacher Education Assistance for College and Higher Education Grant (TEACH) for the payment period for which a return of funds is required
- Iraq and Afghanistan Service Grant, for which a return of Title IV funds is required
- Other assistance under Title IV for which a return of funds is required

Refunds by the Student
In the event that the student is responsible for returning grant funds to Title IV programs, New York Institute of Technology will notify the student within 45 days of the date of determination of their withdrawal. The student will be advised of making arrangements for repayment.

Payment Period or Enrollment Period
Withdrawals and the return of Title IV funds will be based on a payment period for all standard term programs. Non-term program payments will be based on an enrollment period.

Program Course Offered in Modules
For a payment period or period of enrollment in which courses in the program are offered in modules:

- A student is not considered to have withdrawn if the institution obtains written confirmation at the time of withdrawal of an anticipated return date to a module to begin later in the same payment period or period of enrollment.
- A student may change the date of return to a module that begins later in the same payment period or period of enrollment, provided that the student does so in writing prior to the previously confirmed return date.

- If an institution obtains written confirmation of future attendance, but the student does not return as scheduled, the student is considered to have withdrawn from the payment period or period of enrollment.
- A student's withdrawal date and the total number of calendar days in the payment period or period of enrollment will be treated as if the student had not provided written confirmation of a future date of attendance (original withdrawal date).
- If a student withdraws from a program offered in modules during a payment period or period of enrollment and re-enters the same program prior to the end of the period, the student is eligible to receive Title IV, HEA program funds for which the student was eligible prior to withdrawal. This includes funds returned by the institution or student, provided the student's enrollment status continues to support the full amount of those funds.

Documentation
New York Institute of Technology must document a student's withdrawal date and the date of determination that the student withdrew. The documents will be kept in the student's academic file in the Office of the Registrar and the Office of Financial Aid, in the case of an Official Withdrawal. Unofficial withdrawal dates are monitored within the Office of the Registrar. The Return to Title IV funds calculation and other accompanying documentation will be secured in the Office of Financial Aid.

Financial Aid Undergraduate

Transfer of Post-9/11 GI BILL® Benefits to Dependents

The transferability option under the Post-9/11 GI BILL® allows service members to transfer all or some unused benefits to their spouse or dependent children. The request to transfer unused GI BILL® benefits to eligible dependents must be completed while serving as an active member of the U.S. Armed Forces. The Department of Defense (DoD) determines whether or not you can transfer benefits to your family. Once the DoD approves benefits for transfer, the new beneficiaries apply for them at VA. To find out more, visit the DoD's website.

Type of Assistance

Eligible service members may transfer all 36 months or the portion of unused Post-9/11 GI BILL® benefits (unless DoD or the Department of Homeland Security has limited the number of transferable months). If you're eligible, you may transfer benefits to the following individuals:

- Your spouse
- One or more of your children
- Any combination of spouse and child

Available Benefits and Eligibility

Family members must be enrolled in the Defense Eligibility Enrollment Reporting System (DEERS) and be eligible for benefits at the time of transfer to receive transferred benefits.

Please visit the DoD's milConnect site to determine if you are eligible to transfer your benefits.

The option to transfer is open to any member of the armed forces active duty or Selected Reserve, officer or enlisted who is eligible for the Post-9/11 GI BILL®, and meets the following criteria:

- Has at least six years of service in the armed forces (active duty and/or Selected Reserve) on the date of approval and agrees to serve four additional years in the armed forces from the date of election
- Has at least 10 years of service in the armed forces (active duty and/or Selected Reserve) on the date of approval, is precluded by either standard policy (by service branch or DoD) or statute from committing to four additional years, and agrees to serve for the maximum amount of time allowed by such policy or statute
- Transfer requests are submitted and approved while the member is on active duty in the armed forces
- Effective July 20, 2019, eligibility to transfer benefits will be limited to service members with less than 16 years of active duty or Selected Reserve service

Transfer Process
While in the armed forces, transferors use the Transfer of Education Benefits (TEB) website to designate, modify, and revoke a Transfer of Entitlement (TOE) request. After leaving the armed forces, transferors may provide a future effective date for use of TOE, modify the number of months transferred, or revoke entitlement transferred by submitting a written request to the VA.

Upon approval, family members may apply to use transferred benefits with VA by printing, completing, and mailing the VA Form 22-1990e to your nearest VA regional office or by applying online. VA Form 22-1990e should only be completed and submitted to VA by the family member after DoD has approved the request for TEB. Do not use VA Form 22-1990e to apply for TEB.

Other Factors to Consider

Marriage and Divorce

A child's subsequent marriage will not affect their eligibility to receive the educational benefit; however, after an individual has designated a child as a transferee under this section, the individual retains the right to revoke or modify the transfer at any time.

A subsequent divorce will not affect the transferee's eligibility to receive educational benefits; however, after an individual has designated a spouse as a transferee under this section, the eligible individual retains the right to revoke or modify the transfer at any time.

Duplicative Benefits

The combined tuition benefits available to a student cannot exceed the student's total tuition costs. Tuition payments received by a student under the Post-9/11 GI BILL® (Chapter 33 veteran benefits) and Yellow Ribbon Program are considered duplicative of any VTA and/or TAP award. Students receiving tuition assistance through these programs may, and in most cases will, have their state VTA and/or TAP payment reduced or denied due to these other benefits. However, payments received under the Montgomery GI BILL® do not duplicate the purpose of the VTA and/or TAP.

Reallocation of Benefits

If a service member wants to reallocate transferred benefits, they can do so using the TEB Portlet in MilConnect. If a veteran wants to reallocate benefits, they should contact the VA.

If transferred benefits are totally revoked for a dependent, a service member must resubmit a transfer request for the dependent via MilConnect; a veteran cannot re-transfer benefits to a dependent if the dependent's transfer eligibility was previously totally revoked.

Reallocation of Benefits if a Family Member Dies

The Harry W. Colmery Veterans Assistance Act of 2017 allows for designation and transfer of Post-9/11 GI BILL® benefits to eligible dependents of the veteran/service member upon the death of the veteran/service member or of a dependent who had unused transferred benefits.

Nature of Transfer

Family member use of transferred educational benefits is subject to the following rules:

Spouses

- May start to use the benefit immediately
- May use the benefit while the service member remains in the armed forces or after separation from active duty
- Are not eligible for the monthly housing allowance while the service member is on active duty
- May use the benefit for up to 15 years after the service member's last separation from active duty

Children

- May start to use the benefit only after the individual making the transfer has completed at least 10 years of service in the armed forces
- May use the benefit while the eligible individual remains in the armed forces or after separation from active duty
- May not use the benefit until the child has received a high school diploma (or equivalency certificate), or has reached age 18
- May qualify for the monthly housing allowance even when the service member is still on active duty
- Do not have to use the benefit within 15 years after the service member's separation from active duty, but can't use the benefit after they've turned 26 years old

More Information

Get the fact sheet on transferability of Post-9/11 GI BILL® benefits, or visit va.gov for more information. For specific questions about your eligibility, the status of your transfer request, and service-specific questions about the TEB Portlet, please contact the career counselor or personnel center from the list below:

Branch of Service	Contact
Army Active Duty Officer	Email
Army Active Duty Enlisted	Email
Army National Guard	Email
Army Reserve (Enlisted and Officer)	Email
Navy Active Duty Personnel	866-827-5672 DSN 882-5672
Navy Reserve	Tel. 800-621-8853 Fax. 757-444-7597/7598 Email

Marine Corps Active Duty Officer	Email
Marine Corps Active Duty Enlisted	Email
Marine Corps Reserve	Email
Air Force Active Duty	800-525-0102 210-565-5000 DSN 665-5000
Air National Guard	Contact unit Retention Managers
Air Force Reserve	800-257-1212 Email
Coast Guard Active Duty	Email
Coast Guard Reserve	Email
National Oceanic and Atmospheric Administration (NOAA)	301-713-7728 Email
U.S. Public Health Service (USPHS)	240-453-6130 Email

Financial Aid Undergraduate

Transfer Scholarships

This policy is effective for scholarships and grants earned for the Fall 2020 semester, and for all subsequent semesters. This complies with updated federal regulations in the *Federal Student Aid Handbook*, published December 7, 2022.

Limited scholarships are available to graduates of accredited two-year colleges, and transfer students from four-year colleges who completed a minimum of 24 credits from the prior school and who wish to complete their bachelor's degree at New York Institute of Technology. The minimum required cumulative GPA ranges from 2.5 to 3.75, and award amounts vary accordingly. Transfer scholarships will be granted for a maximum of three years or six semesters of continuous full-time enrollment unless the student is enrolled in an approved undergraduate five-year program. For approved undergraduate five-year programs, transfer scholarships will be granted for a maximum of four years or eight semesters of continuous full-time enrollment. All renewal criteria below must be met.

Transfer Scholarships: $6,000–$20,000

If you receive this scholarship, you are eligible for a maximum of three years (six semesters) of continuous full-time undergraduate enrollment at New York Tech.

To qualify, students must:

- Complete the FAFSA each year you are enrolled at the university (U.S. students only)
- Have earned at least 24 credits from an accredited college or university
- Have a minimum cumulative GPA of 2.5

You may qualify for a transfer award based on your cumulative GPA (estimated below) and prior coursework.

Transfer Scholarships

Cumulative GPA	Award
3.75 – 4.0	$20,000
3.35 – 3.749	$18,000
3.15 – 3.349	$17,000
2.95 – 3.149	$16,000
2.75 – 2.949	$12,000
2.5 – 2.749	$9,000
0 – 2.499*	$6,000

* If you have a GPA below 2.5 **and** you have a completed associate's degree, you may be eligible for a Community College Scholarship of $6,000.

A transfer scholarship will be renewed each semester provided you maintain continuous full-time enrollment (minimum 12 credits) and meet satisfactory academic progress (SAP) requirements. Students must also maintain the required 2.8 cumulative GPA for a New York Tech Transfer scholarship renewal.

Phi Theta Kappa Transfer Scholarships: up to $2,500

The Office of Admissions selects four transfer student applicants per year to receive this $2,500 scholarship. Students must have been members of the Phi Theta Kappa Honor Society at their prior college.

To qualify, students must:

- Have earned at least 24 credits from an accredited college or university
- Have maintained a 3.5 cumulative GPA
- Submit a PTK scholarship application, along with proof of PTK membership, and an essay to be considered

Legacy Award: $1,000 per year

To qualify, students must:

- Be an entering undergraduate full-time student in a degree-bearing program
- Have a parent or legal guardian who graduated from New York Tech in a degree-bearing program
- Submit the Legacy Award Application to the Office of Alumni Relations. Application Deadlines: June 15 for the fall semester and December 15 for the spring semester

The Legacy Award will be renewed each semester provided the student maintains continuous full-time enrollment (minimum 12 credits) and meets satisfactory academic progress (SAP) requirements.

Children of Police Officers, Firefighters, EMT, and K–12 Teachers Award

This award acknowledges students with parents or legal guardians who are active, fully employed (non-volunteer) within the tristate region (NY, NJ, CT) in certain professional service positions serving their community. The award will cover up to 50 percent of a student's flat-rate full-time tuition (12–18 credits) for no more than eight continuous full-time semesters of enrollment (six semesters for transfers, 10 semesters for an approved undergraduate five-year program). If a student has been awarded other "tuition only" awards (including state grants, merit scholarships, and New York Tech grants), the Children of Police Officers, Firefighters, EMT, and K–12 Teachers Award will supplement up to 50 percent of tuition. Only credits/courses for full-time enrollment within the student's program of study are eligible. The award applies to fall and spring semesters only. Students who qualify for special discounted tuition packages or have specific program scholarships (e.g., HEOP, an athletic award, tuition remission, tuition exchange) are disqualified, as students may only qualify for one discounted tuition program at a time.

To qualify, students must:

- Be an entering or continuing undergraduate full-time student in first degree-granting program at the Long Island or New York City campus
- Have a valid FAFSA on file for the relevant academic year prior to the award application deadline
- Parent or legal guardian must be actively employed full-time (non-volunteer) as one of the following professionals:
  - Police Officer
  - Firefighter
  - Emergency Medical Technician (EMT) in emergency medical services
  - Certified Teacher of a K–12 grade

- Submit the Children of Police Officers, Firefighters, EMT, and K–12 Teachers Award form to the Office of Financial Aid once per application year by the deadline.

  - Deadlines: July 15 for fall, December 15 for spring
  - Incomplete applications will not be reviewed or considered. Applications received after the deadline will be placed on hold and be reviewed for the next semester.
- Submit a copy of the parent's/legal guardian's unexpired active status employee ID card/badge.
- Submit an official letter on letterhead from the parent's/legal guardian's place of employment verifying their current work status (i.e. full-time and active employment), in addition to completion and submission of Section A on the Children of Police Officers, Firefighters, EMT, and K–12 Teachers Award form.

Raise Scholarship

Create your profile on Raise and get matched to institutional scholarships before you transfer.

Join Raise now

Additional information and criteria can be viewed at Financial Aid – *New York Tech Scholarships*.

Transfer Students

All students transferring from other institutions will have their credits evaluated by the Transfer Credit Evaluation department once admitted to New York Institute of Technology. The final number of transferred credits will be posted to the system of record only after the student is enrolled and all final official transcripts and relevant test scores have been received.

In the absence of recorded accepted transfer credits, the financial aid package will be prepared based on a first-year level status. Once transfer credits are finalized and posted to the student's record, the student must contact the Office of Financial Aid to determine eligibility for an increase in federal student loans based on academic grade level if desired.

Financial Aid Undergraduate

Undergraduate Students Enrolled in Graduate Courses

A student in an undergraduate degree program is not eligible for federal loans at a graduate grade level based on taking graduate coursework as a part of the undergraduate program. An undergraduate student who elects to enroll in graduate coursework must obtain approval from both the academic department and the Office of the Registrar to have the course(s) designated as required for the undergraduate degree program. Once permission is granted, the course cannot be subsequently designated as a graduate course if/when a student officially enters a graduate program for financial aid purposes.

Additionally, student financial aid cannot be used twice to pay for the same coursework (except as required by law for failed coursework). For example, student financial aid cannot be used to pay for a course designated as undergraduate coursework, then again for the same coursework designated as graduate level. In all cases, the coursework taken must lead to a degree in the enrolled program of study.

Please be aware that financial aid is awarded based on a student's enrollment status and degree/course agreement for the declared program of study.

Reference: *2023–2024 FSA Handbook*, Vol. 2, Ch. 2: Program Eligibility, Written Arrangements, and Distance Education

Financial Aid Undergraduate

Veterans Benefits

Veterans may qualify for additional benefits, including the Yellow Ribbon Program. Students must achieve Satisfactory Academic Progress in order to receive Veteran Benefits. For more information, contact the following agencies:

- U.S. Department of Veterans Affairs (VA)
- GI BILL®
- NY State Veterans
- Office of the Registrar at the Long Island campus, email: registrar@nyit.edu
- HESC Veterans Tuition Award (VTA) (NYS Code is 2120 for undergraduate students)
- Yellow Ribbon GI Education Enhancement Program
- Transfer of Post-9/11 GI BILL® Benefits to Dependents

Duplicative Benefits

The combined tuition benefits available to a student cannot exceed the student's total tuition costs. Tuition payments received by a student under the Post-9/11 GI BILL® (Chapter 33 veteran benefits) and Yellow Ribbon Program are considered duplicative of any VTA and/or TAP award. Students receiving tuition assistance through these programs may, and in most cases will, have their state VTA and/or TAP payment reduced or denied due to these other benefits. However, payments received under the Montgomery GI BILL® do not duplicate the purpose of the VTA and/or TAP.

Veterans Benefits and Transition Act of 2018

Section 103 – VA Pending Payment Compliance

In accordance with Title 38 Code 3679 subsection (e), this school adopts the following additional provisions for any students using U.S. Department of Veterans Affairs (VA) Post-9/11 GI BILL® (Ch. 33) or Vocational Rehabilitation and Employment (Ch. 31) benefits while payment to the institution is pending from the VA.

This school will not:

- Prevent nor delay the student's enrollment
- Assess a late penalty fee to the student
- Require the student to secure alternative or additional funding
- Deny the student access to any resources available to other students who have satisfied their tuition and fee bills to the institution, including but not limited to access to classes, libraries, or other institutional facilities

However, to qualify for this provision, such students may be required to:

- Produce the Certificate of Eligibility by the first day of class
- Provide written request to be certified
- Provide additional information needed to properly certify the enrollment as described in other institutional policies

Financial Aid Undergraduate

Yellow Ribbon GI Education Enhancement Program

New York Institute of Technology is proud to be a part of the Yellow Ribbon GI Education Enhancement Program. The program is a provision of the Post-9/11 Veterans Educational Assistance Act of 2008 and allows degree-granting institutions of higher learning in the United States to voluntarily enter into an agreement with the VA to fund tuition expenses for the 2024–2025 school year (as of August 1, 2024) that exceed either the $28,937.09 cap for private institutions or the resident tuition and fees for a public institution. The participating educational institution can contribute up to 50 percent of those expenses, and the VA will match the same amount as the institution.

Students must be eligible for the Post-9/11 GI BILL® at the 100 percent level to be considered for the Yellow Ribbon Program. Students must also meet Satisfactory Academic Progress requirements to receive Veteran Benefits, including Yellow Ribbon Program funds.

Specific eligibility requirements for the Yellow Ribbon Program may be found online.

Students must meet at least one of the following criteria:

- You served at least 36 months on active duty (either all at once or with breaks in service) on or after September 11, 2001
- You received a Purple Heart on or after September 11, 2001, and were honorably discharged after any amount of service
- You served for at least 30 continuous days (all at once, without a break) on or after September 11, 2001, and were discharged or released from active duty for a service-connected disability
- You are a spouse or dependent child using benefits transferred by a qualifying veteran or service member

Note: If you're a member of the Reserves who lost education benefits when the Reserve Educational Assistance Program (REAP) ended in November 2015, you may qualify to receive restored benefits under the Post-9/11 GI BILL®.

Students who wish to be considered for the Yellow Ribbon Program should complete and submit an application form available online. The VA will inform students via written notification with an explanation of its decision on program eligibility. If approved, students will receive a Certificate of Eligibility confirming their service meets the requirements of the program. All Certificates of Eligibility should be presented to the Office of the Registrar for the university's records. The Certificate of Eligibility does not guarantee Yellow Ribbon funding as the availability of annual funds for New York Tech's Yellow Ribbon Program is limited. Student eligibility is determined by the university's Veteran Certifying Officer. In accordance with institutional funding parameters for the 2024–2025 year, Yellow Ribbon funds are awarded and applicable for the summer/fall/spring semesters. It is the student's responsibility to request, complete, and submit all forms with necessary documentation for all financial aid programs in a timely manner.

Duplicative Benefits

The combined tuition benefits available to a student cannot exceed the student's total tuition costs. Tuition payments received by a student under the Post-9/11 GI BILL® (Chapter 33 veteran benefits) and Yellow Ribbon Program are considered duplicative of any VTA and/or TAP award. Students receiving tuition assistance through these programs may, and in most cases will, have their state VTA and/or TAP payment reduced or denied due to these other benefits; however, payments received under the Montgomery GI BILL® do not duplicate the purpose of the VTA and/or TAP.

For more information on selection criteria for New York Tech's Yellow Ribbon Program, contact the Office of the Registrar at 516.686.7580 or

registrar@nyit.edu.

Tuition and Fees

Tuition and fees are payable as specified below. Checks and money orders should be drawn to the order of New York Institute of Technology for the exact amount of the tuition and fee payment. College privileges are not available to the student until registration is completed and tuition and fees are paid.

The university offers eligible students a multi-payment plan for tuition and fees. Details on payment plans may be obtained at the Office of the Bursar or at nyit.edu/bursar.

The tuition and fee information below applies primarily to full-time undergraduate students in New York. Tuition and fees for special programs, graduate students, and students at New York Institute of Technology's global campuses can be found in the catalogs, brochures, and websites describing those programs.

Vancouver Tuition Information

Full-time Undergraduate Student Tuition Only (12 to 18 credits)

Fall term, 2024	$22,030
Spring term, 2025	$22,030
Total	$44,060

Combined Baccalaureate/Doctor of Osteopathic Medicine Tuition Only

Fall term, 2024	$23,530
Spring term, 2025	$23,530
Total	$47,060

Architecture, B.Arch., First semester enrolled Fall 2024 and after

Fall term, 2024	$23,530
Spring term, 2025	$23,530
Total	$47,060

Mandatory College and Health Insurance Fees for Combined Baccalaureate/Doctor of Osteopathic Medicine

College fees cover the use of academic and recreational facilities and services, including student activities, counseling, career and experiential services, smart classroom technology, access to cutting-edge computers and makerspaces, advising, and library resources.

College fee, per semester	$1,250
Mandatory health insurance premium* for all residence hall students, all full-time B.S./D.O. students, and students enrolled in the School of Health Professions, per semester	$1,035
Mandatory health insurance premium* for all international students holding an F-1/J-1 visa, per semester	$1,100
Newly admitted student fee	$150

** Rate includes an administrative fee retained by New York Tech.*

NYIT College of Osteopathic Medicine (does not include mandatory fees)

Fall term, 2024	$33,025
Spring term, 2025	$33,025
Total	$66,050

Part-time Undergraduate Student Tuition Only (less than 12 credits)

Per credit	$1,490
Auditing an undergraduate course, per credit	$1,490
Senior citizens (65 or older), reduced per-credit tuition for undergraduate courses, plus fees	$1,050
Police (must show proof of active employment), reduced per-credit tuition for undergraduate courses	$1,050
High school undergraduate (per 2 credit course, off-site only)	$265
High school undergraduate (per 3–4 credit course, off-site only)	$315
High school student at New York Tech, per credit (on-site or online only, plus fees)	$1,050

Graduate Student Tuition Only

Per credit	$1,620
Auditing a graduate course, per credit	$1,620
Per 3-credit, Education UFT or off-site graduate course	$2,000
Per 6-credit, Education UFT or off-site graduate course	$4,000
Counseling Programs (School Counseling and Mental Health Counseling), per credit	$1,215
Doctorate in Physical Therapy, per credit	$1,620
M.S. Clinical Nutrition, per credit	$810
M.S. Medical/Healthcare Simulation, per credit	$1,620
M.S. Academic Medicine, per credit	$810
M.S. Biomedical Sciences, per credit	$1,215
M.P.H. Public Health, per credit	$810
M.P.H. Public Health, per credit *Current NYITCOM Students, NYITCOM Alumni, and Arkansas Residents*	$650
Global Health Certificate, per credit	$550
Senior citizens (65 or older), reduced per-credit tuition for graduate courses, plus fees	$1,215
Police (must show proof of active employment and be enrolled in minimum of six credits), reduced per-credit tuition for graduate courses	$1,215

Summer 2024 Rates, Undergraduate New York Campuses Only (Does not include study abroad)

All summer undergraduate courses are charged on a per credit basis.

Per credit	$850
Senior citizens (65 or older), reduced per-credit tuition for undergraduate courses, plus fees	$850
Police (must show proof of active employment), reduced per-credit tuition for undergraduate courses, plus fees	$850
Mandatory undergraduate summer college fee, summer	$525
Mandatory senior citizens summer college fee, summer	$525
Mandatory high school student summer college fee, summer	$100

Summer 2024 Rates, Graduate

Full-time enrollment is 9 or more credits; part-time enrollment is less than 9 credits.

Per credit	$1,540
Auditing a graduate course, per credit	$1,540
Per credit, undergraduate course for undergraduate credit	$850
Per 3-credit, Education UFT or off-site graduate course	$1,800
Per 6-credit, Education UFT or off-site graduate course	$3,600
Counseling Programs (School Counseling and Mental Health Counseling), per credit	$1,155
Doctorate in Physical Therapy, per credit	$1,540
M.S. Biomedical Sciences, per credit	$1,155
M.S. Clinical Nutrition, per credit	$770
M.P.H. Public Health, per credit	$770
M.P.H. Public Health, per credit *Current NYITCOM Students, NYITCOM Alumni, and Arkansas Residents*	$620
Senior citizens (65 or older), reduced per-credit tuition for graduate courses, plus fees	$1,155
Police (must show proof of active employment and be enrolled in minimum of six credits), reduced per-credit tuition for graduate courses	$1,155
Graduate fee, full-time, per semester	$325
Graduate fee, part-time, per semester	$250
College fee, NYIT-Vancouver, full-time, per semester	$275 USD
College fee, NYIT-Vancouver, part-time, per semester	$200 USD
Graduate fee, M.S. Clinical Nutrition, full-time, per semester	$325
Graduate fee, M.S. Clinical Nutrition, part-time, per semester	$250

Online Campus Tuition Only (does not include mandatory fees)

Per credit, undergraduate	$1,490
Per credit, graduate	$1,620
Per 3-credit, Education OLCE or Instructional Technology OLIT course	$2,200
Per 6-credit, Education OLCE or Instructional Technology OLIT course	$4,400

Global Programs

Per credit, NYIT-Vancouver, graduate students	$1,210 USD
College fee, NYIT-Vancouver, full-time per semester	$300 USD
College fee, NYIT-Vancouver, part-time per semester	$220 USD
First Semester Medical Insurance Fee, NYIT-Vancouver	$50

Mandatory college and health insurance fees for undergraduate students

Undergraduate college fees cover the use of academic and recreational facilities and services, including student activities, counseling, career and experiential services, smart classroom technology, access to cutting-edge computers and makerspaces, advising, and library resources.

College fee, full-time, per semester	$1,250
College fee, part-time, per semester	$550
College fee, part-time, summer sessions	$525
College fee for part-time (less than 12 credits) Police undergraduate students, per semester	$550
College fee for part-time (less than 12 credits) Senior Citizens, per semester	$550
College fee for high school students, per term onsite/online only	$100
Mandatory health insurance premium* for all residence hall students, all full-time undergraduate students, and students enrolled in the School of Health Professions, per semester	$1,035
Mandatory health insurance premium* for all international students, per semester	$1,100
Mandatory health insurance premium* for residence hall students, new summer students	$377
Mandatory health insurance premium* all international students, new summer students	$401
Newly admitted student fee	$150

** Rate includes an administrative fee retained by New York Tech.*

Mandatory college and health insurance fees for graduate students

Graduate college fees cover the use of academic and recreational facilities and services, including student activities, counseling, career and experiential services, smart classroom technology, access to cutting-edge computers and makerspaces, advising, and library resources.

Graduate fee, full-time, per semester	$400
Graduate fee, part-time, per semester	$275
Graduate fee, M.S. Clinical Nutrition, full-time, per semester	$400
Graduate fee, M.S. Clinical Nutrition, part-time, per semester	$275
College fee, NYIT-Vancouver, full-time, per semester	$300 USD
College fee, NYIT-Vancouver, part-time, per semester	$220 USD
Mandatory health insurance premium* for all residence hall students, all full-time graduate students, and students enrolled in the School of Health Professions, per semester	$1,035
Mandatory health insurance premium* for all international students holding an F-1/J-1 visa, per semester	$1,100
Mandatory health insurance premium* for residence hall students, new summer students	$377
Mandatory health insurance premium* all international students, new summer students	$401
Newly admitted student fee	$150

** Rate includes an administrative fee retained by New York Tech.*

Special fees (non-refundable)

Late payment fee for tuition due on August 1; payment made after August 1	$400
Late payment fee for tuition due on January 1; payment made after January 1	$400
Late registration fee (all programs)**	$400
Rematriculation fee	$55
Challenge examination fee, per course	$175
Comprehensive examination fee (CLEP, DANTES), per course	$175
Transcript (certified check, credit card, bank check, money order only; no personal checks)	$15
Duplicate diploma	$90
Electronic Diploma fee	$45
Diploma mailing fee	$40
Lost ID replacement fee	$20
Student evaluation (Occupational Education only)	$50
Application fee	$50
Tuition insurance, A.W.G. Dewar, Inc.	Varies
Comprehensive oral exam (M.B.A. course)	$250
Maintaining matriculation, per semester (graduate students)	$100
Prior learning evaluation fee (per credit)	$300

Service charge for unpaid check or credit card returns	$150
Per-credit transfer fee for approved courses taken at other colleges while matriculated at New York Tech, per credit	$250

*** Returning students may register during registration periods up to the first day of the fall or spring term without penalty. Late registration fees will apply to all returning students thereafter.*

Schedule of Payments

For all full-time students, including international students, the following schedule of payments is in effect. The amounts below include tuition and college fee only. Depending on status, students will also pay a health insurance fee and may be required to pay dormitory, meal plan, and other fees. These additional fees are due on the dates in the schedule below. For students who register after the due date listed below, payment in full is expected at the time of registration.

Fall 2024

August 1: Undergraduate, 100% tuition and college fee	$23,280
August 1: Combined Baccalaureate/Doctor of Osteopathic Medicine, 100% tuition and college fee	$24,780
April 15: All NYITCOM students, first half of tuition only (does not include fees)	$33,025

Spring 2025

January 1: Undergraduate, 100% tuition and college fee	$23,280
January 1: Combined Baccalaureate/Doctor of Osteopathic Medicine	$24,780
November 1: All NYITCOM students, second half of tuition only (does not include fees)	$33,025

Summer 2025

All students

May 1: 100% tuition and college fee	Varies

All part-time undergraduate and graduate students shall pay all tuition and fees in accordance with this schedule.

New York Institute of Technology expressly reserves the right, whenever it deems it advisable in its sole discretion, to (1) change or modify its schedule of tuition and fees, and (2) withdraw, cancel, reschedule, modify, or alter the method of delivery of, any course, program of study or degree, or any requirement in connection with any of the foregoing. For more information, please contact the Office of the Bursar at 516.686.7510.

The university will not be responsible for any costs or damages—including tuition or fee refunds—for any failure or delay of performance resulting from a force majeure/act of god or any other condition beyond its reasonable control. Force majeure events include but are not limited to fire, flood, natural disasters, epidemics, and government action.

Add/Drop Refund Policy

Add/Drop Periods

Students may add and/or drop courses during the add/drop period as defined on the academic calendar.

Add/drops will be charged in accordance with the following schedules as long as the drop does not result in a full withdrawal from courses for the term. Students who drop to zero credits are considered to have withdrawn from New York Institute of Technology and are subject to tuition charges in accordance with the Withdrawal/Dismissal Refund Policy.

For financial liability, please refer to the this Add/Drop Refund Policy as follows:

Fall and Spring Semester Courses

- Dropping at any time from the date of the student's registration to the day before the first scheduled day of the semester: 100 percent refund of the tuition and the college fee.
- Dropping at any time between the first day of the semester through the thirteenth day of the semester: 100 percent refund on the tuition only.
- Dropping at any time after the thirteenth day of the semester: no refund.

Cycle Courses (A, B, C, D)

- Dropping at any time from the date of the student's registration to the day before the first scheduled day of the cycle: 100 percent refund of the tuition and the college fee.
- Dropping at any time between the first day of the cycle through day six of the cycle: 100 percent refund of tuition only.
- Dropping at any time after the sixth day of the cycle: no refund.

Summer Semester Courses

Summer Session III

- Dropping at any time from the date of the student's registration to the day before the first scheduled day of the Summer III session: 100 percent refund of the tuition and the college fee.
- Dropping at any time between day one of the session through day thirteen of the session: 50 percent refund on the tuition only.
- Dropping at any time after the thirteenth day of the session: no refund.

Summer Session I and II

- Dropping at any time from the date of the student's registration to the day before the first scheduled day of Summer Session I and or II: 100 percent refund of the tuition and the college fee.
- Dropping at any time during the first three days of the session: 50 percent refund of tuition only.
- Dropping at any time after the third day of the session: no refund.

Intersession Courses

- Dropping at any time from the date of the student's registration to the day before the first scheduled day of Intersession: 100 percent refund of the tuition and the college fee.
- Dropping at any time from the start of the first day of Intersession: no refund.

Tuition

Collection Agency Fees

If your account is not paid, it may be forwarded to an outside collection agency or attorney. At that time, you will be responsible for paying New York Institute of Technology all fees and costs associated with the collection of your delinquent account. In addition to payment of the principal amount due, the additional fees and costs may include collection agency fees constituting 33 to 50 percent of the principal amount due if the university engages a collection agency to collect payment, legal fees of 33.3 percent of the principal amount due if the university engages legal counsel to collect payment, any and all interest on the outstanding balance at the maximum legal rate allowed by law, and any and all other costs associated with collection of the amount due.

Tuition

Completion of Payments

Students must conform to the payment policies of the controller's office and are not entitled to attend classes or laboratories until all fees are paid or properly deferred by the Office of Financial Aid or the Office of the Bursar. Registrations are valid only when all fees are paid and there is no outstanding indebtedness to New York Institute of Technology. If you have temporary financial difficulties or can demonstrate financial needs, seek counsel from the Office of Financial Aid.

Cooperative Work-Study Programs

New York Institute of Technology arranges schedules to accommodate each student's individual needs and allow for participation in cooperative work-study programs. When appropriate, we make special arrangements.

While on campus in full attendance, the usual full-time fees apply. In periods spent off campus for approved internships, students may receive appropriate credits, as planned in advance, and pay tuition fees on a per-credit basis.

Tuition Refund Insurance Plan for Medical and Mental Health Withdrawals

Tuition is computed on the assumption that a student will remain throughout the academic year. Since a place in class has been reserved, tuition will only be refunded in accordance with the Withdrawal/Dismissal Refund Policy.

A student who suffers a serious illness or accident and needs to withdraw from New York Institute of Technology prior to the completion of the term may encounter certain problems. In many instances, withdrawal from classes not only means the loss of time invested in studies, but also significant financial loss.

New York Tech's Tuition Refund Plan,** offered by A.W.G. Dewar, Inc., is an elective insurance plan that provides coverage for tuition and mandatory fees as well as university housing (room and board) costs if a medical or mental health withdrawal occurs. This plan will help to minimize a student's financial portion of this loss.

While the New York Tech provides partial refunds for withdrawals, these refunds are limited and effective only when the student withdraws early in a term. The Tuition Refund Plan significantly extends and enhances the published withdrawal policy. If a student withdraws because of injury/sickness or mental health reasons, the Tuition Refund Plan returns 100 percent or 75 percent of the insured term tuition/fees and university housing costs and meal plans where applicable less any refund or credit due you from the college, when plan conditions are followed (this coverage does not apply if the student drops classes without completely withdrawing).

Students are automatically enrolled in this insurance when they register for classes for fall, spring, or summer terms. Students who are enrolled at New York Tech and wish to opt out of this plan must log in to the Student Service **HUB** and choose *Resources*, where you will find AWG Dewar's Tuition Waiver link. Complete the required fields on the waiver form and submit. The Office of the Bursar will be sent a notification to process your request.

** The Tuition Refund Plan is a voluntary form of insurance, and includes an administrative fee retained by New York Institute of Technology. Insurance is only available for the New York campuses.

Obtain medical withdrawal claim forms

Coverage Options

The cost of the plan can cover tuition only or tuition, college fee, room (university housing only), and meal plan for the fall, spring, or summer terms. Students may purchase a tuition-only plan even if they live in university housing. Pricing is set forth below:

Long Island and New York City Full-Time Undergraduate students (12 or more credits):

- $201.83 Not-applicable residential, full-time students, includes tuition, college fee, room, and board for the Summer 2024 term
- $133.43 Non-residential, full-time students, includes tuition and college fee only for the Summer 2024 term
- $211.55 Residential, full-time students, includes tuition, college fee, room, and board for the Fall 2024 and Spring 2025 terms
- $140.81 Non-residential, full-time students, includes tuition and college fee only for the Fall 2024, Spring 2025, and Summer 2025 terms

Long Island and New York City Part-Time Undergraduate students (less than 12 credits, non-dorm):

- $58.56 Part-time students, includes tuition and college fee only for the Summer 2024 term

- $58.25 Part-time students, includes tuition and college fee only for the Fall 2024, Spring 2025, and Summer 2025 terms

Long Island and New York City Graduate students:

- $87.81 Full-time graduate students, tuition only, nine credits or more for the Summer 2024 term
- $61.04 Part-time graduate students, tuition only, less than nine credits for the Summer 2024 term
- $87.89 Full-time graduate students, tuition only, nine credits or more for the Fall 2024, Spring 2025, and Summer 2025 terms
- $60.98 Part-time graduate students, tuition only, less than nine credits for the Fall 2024, Spring 2025, and Summer 2025 terms

Students who elect not to enroll in this plan will be charged in accordance with the Withdrawal/Dismissal Refund Policy.

Withdrawal/Dismissal Refund Policy

When a student withdraws from the college or from a course, they must complete a Withdrawal/Clearance form available at nyit.edu/registrar or in person at New York Tech Enrollment Services Center. Tuition liability is based on the date of withdrawal determined and recorded on the withdrawal form. Requests for a refund or reduction of indebtedness received more than 12 months from the first scheduled day of the semester or term in question will be denied. All fees are nonrefundable.

Ceasing attendance to classes, informing the instructor of withdrawal, or stopping payment on a check does not constitute an official withdrawal and does not relieve the student of their financial obligation.

In the case of complete withdrawal or dismissal from the college, students who were awarded federal Title IV financial aid will be subject to proration on the awards in accordance with applicable federal regulations. The application of federal refund provisions may result in an outstanding balance owed to the college and/or the U.S. Department of Education. Details of the adjustment to federal Title IV financial aid awards will be provided to the student following the withdrawal process.

In the event of a full withdrawal or dismissal, the tuition liability is calculated, excluding all fees (except for the college fee if the withdrawal or dismissal occurs before the first scheduled day of the semester, cycle, or course, as appropriate) and room deposits as follows:

Fall, Spring, and Summer III Courses:

1. Withdrawal or dismissal at any time from the date of the student's registration to the day before the first scheduled day of the semester: 100 percent refund on the tuition and the college fee.
2. Withdrawal or dismissal at any time during the first six days of the semester: 75 percent refund of tuition only.
3. Withdrawal or dismissal at any time between the seventh and thirteenth day of the semester: 50 percent refund of tuition only.
4. Withdrawal or dismissal at any time between the fourteenth and twentieth day of the semester: 25 percent refund of tuition only.
5. Withdrawal or dismissal at any time after the twentieth day of the semester: no refund.

Summer I and II Courses, and Cycle Courses (A, B, C, D):

1. Withdrawal or dismissal at any time from the date of the student's registration to the day before the first scheduled day of the course: 100 percent refund of the tuition and the college fee.
2. Withdrawal or dismissal at any time between the first and thirteenth day of the course: 50 percent refund of tuition only.
3. Withdrawal or dismissal at any time after the thirteenth day of the course: no refund.

Intersession Courses:

- Withdrawal or dismissal at any time effective the first day of the term: no refund.

No diplomas will be released to any student who owes tuition, fees, or fines, including parking and library fines, to the university at the time of the request. Upon payment of any outstanding indebtedness to New York Institute of Technology, diplomas will be released.

How to Avoid Additional Fees

If you have any questions regarding the above information, please contact the Office of the Bursar at 516.686.7510 or bursar@nyit.edu.

Schools and Colleges

NEW YORK TECH

College of Arts and Sciences

College of Engineering and Computing Sciences

College of Osteopathic Medicine

School of Architecture and Design

School of Health Professions

School of Management

College of Arts and Sciences

College of Arts and Sciences

In the digital world—where everyone and everything is connected as never before—the most valuable players are those who can think critically, solve problems creatively, communicate effectively, and adapt easily across many disciplines, cultures, and situations.

In the College of Arts and Sciences, whatever your major—from applied mathematics to physics to biology—we'll fortify your education through an emphasis on innovation and entrepreneurism, and the integration of new technologies into every course of study. You'll be part of a community pursuing fields as diverse as biology and chemistry, psychology, and biomedical engineering. And you'll emerge with the broad skills and perspectives to lead and succeed in the global marketplace.

We believe that success in the 21st century requires mastery of the tools of the digital age and the power of human compassion, as well as a broad understanding of how we interact and communicate within society. These broad principles infuse the means, methods, and outcomes of everything that we do to prepare you for your careers as educational and industry leaders, problem solvers, and innovators.

View our programs in arts, sciences, education, and humanities:

- Graduate Degrees and Advanced Certificates
- Undergraduate Degrees and Minors

College of Arts and Sciences

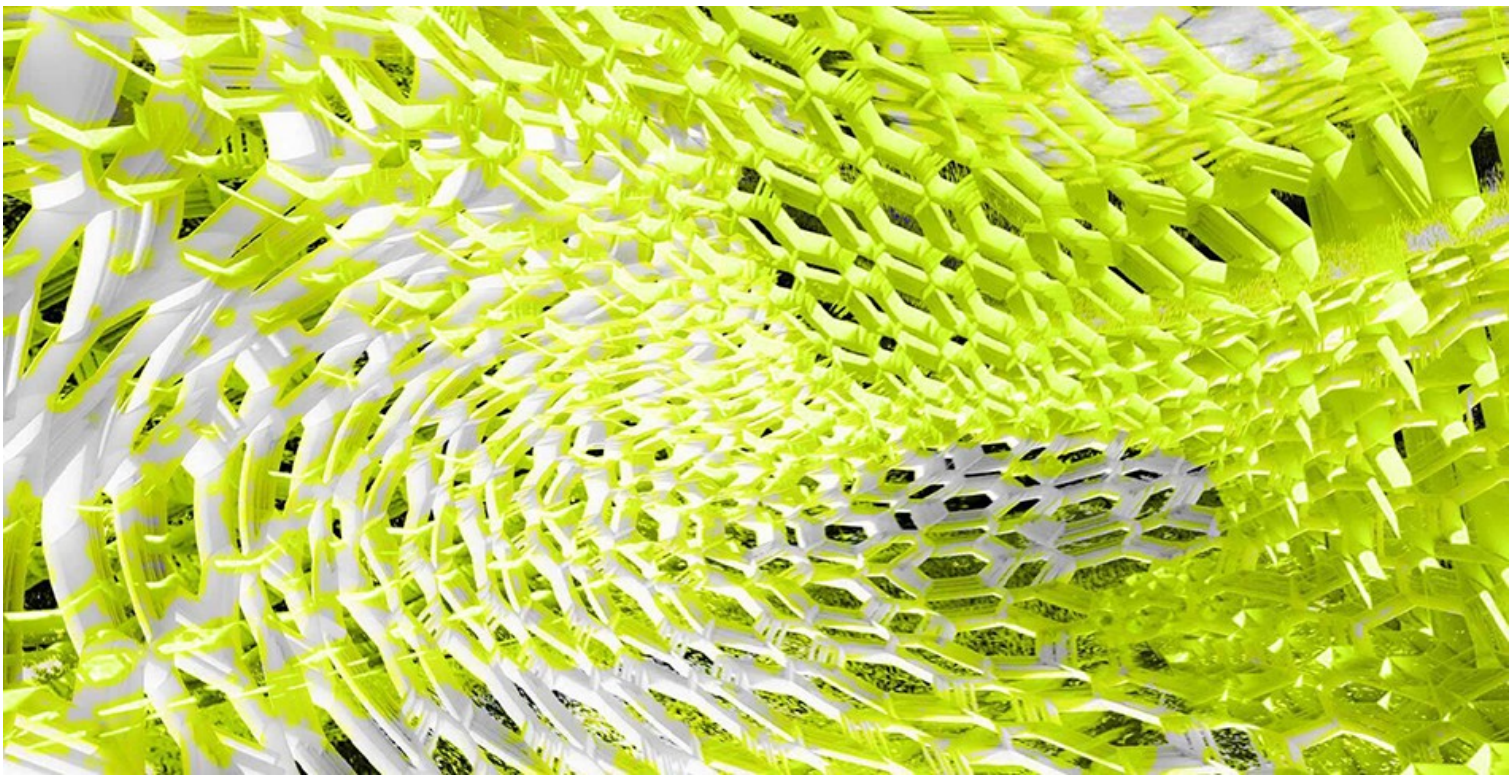
Undergraduate Departments and Programs

- Applied and Computational Mathematics
  - General Concentration
  - Mathematical Modeling
  - Scientific Computation
- Biological and Chemical Sciences
  - Biology; or Biology with a concentration in Molecular Biology
  - Biochemistry
  - Biotechnology
  - Chemistry; or Chemistry with a concentration in Pharmaceutical Sciences
  - Combined Programs in Occupational Therapy, Osteopathic Medicine, Physical Therapy, and Physician Assistant Studies
- Interdisciplinary Studies
  - Bachelor of Arts
  - Bachelor of Science
  - Bachelor of Professional Studies
- Physics
  - General Concentration
  - Quantum Informatics
- Psychology
  - Psychology
  - Psychology/School Counseling
- Undergraduate Minors and Certificates
  - Chemistry
  - Civic Engagement
  - Equity and Innovation
  - Literature and Culture
  - Math
  - Medical Humanities
  - Physics
  - Psychology
  - Technical and Professional Communication
  - Technical Writing Certificate

View Our Graduate Degrees and Advanced Certificates

College of Arts and Sciences

Applied and Computational Mathematics



At New York Institute of Technology, students have the opportunity to work on 21st-century technological challenges that directly affect the world they live in. By the time they graduate, our "industry ready" students are equipped with the fundamentals needed to pursue graduate studies and are prepared to join the workforce with minimal on-the-job training. A fundamental skill set that makes a difference is the ability to create innovative computing solutions, mathematical models, and dynamical systems to solve problems in industries such as engineering, scientific and technical consulting, insurance, biotech and life sciences, artificial intelligence, and data science.

The College of Arts and Sciences' major in Applied and Computational Mathematics prepares students for such applied fields. Students with a strong high school mathematics record and interest in the overlapping disciplines of computer science, engineering, and physics are encouraged to apply in our Applied and Computational Mathematics program.

After the second semester of their sophomore year and in consultation with their advisor, students may choose between the General Concentration (15 credits), Mathematical Modeling (16 credits), or Scientific Computation (15 credits).

We believe this is an optimum time to become a *mathematician*. The field ranks third in the U.S. News and World Report 2019 Best Business Jobs. Of the best careers in STEM, Mathematics has by far one of the highest job growth statistics, with a whopping 20% growth per year. In the coming five years, the data science, artificial intelligence, and automation revolution areas are projected to experience a steep job rise (19% by 2026). Jobs such as software developer, statistician, computer science analyst, actuary, and operations/research analyst would be accessible through this major.

Our Applied and Computational Mathematics, B.S. degree was designed from its inception to offer a unique and modern selection of courses integrating computational methods, mathematical models, and data science with a strong focus on the foundations in mathematics and the sciences offered at New York Tech to practical, highly demanded problem-solving skills. Our program leverages our faculty strengths and is carefully tailored to provide a range of opportunities for students:

- As widely demonstrated in fields such as finance, technology, and biomedicine, expertise in computational mathematics is key to adapt to a rapidly changing landscape, switch disciplines or industries with ease, and also provide innovative, disruptive solutions. Majoring in Applied and Computational Mathematics will uniquely position graduates in the job market.
- Students armed with an undergraduate degree in Applied and Computational Mathematics who are interested in our graduate programs such as bioengineering, computer science, and data science will be exceptionally strong candidates and accelerate their graduate studies.

Upon completion of the program, students will be able to:

1. Demonstrate analytical skills through problem solving and logical thinking. Graduates will have the ability to ask pertinent questions to those in other science disciplines and perform suitable quantitative analysis.
2. Write clear, well-formulated mathematical arguments for validating a conjecture.
3. Apply mathematical theory to model and solve problems dealing with physical, natural, and societal problems.
    - Identify, formulate, abstract, and solve mathematical problems that use tools from a variety of mathematical areas, including algebra, analysis, probability, numerical analysis, and differential equations.
4. Use technology to solve computational problems including simulation and visualizations of models in other sciences.
    - Adapt to different technology platforms in math (such as Matlab and Mathematica) that are useful for mathematical computing and

modeling.
    - Make mathematical conjectures in physical problems and use computer simulation with technological platforms to support and refute these conjectures.
5. Communicate clearly and effectively to diverse audiences, especially those who are not mathematical.
6. Develop knowledge in a mathematically related discipline such as mathematical computing/programming, physics, statistics, etc.
    - Apply knowledge in mathematics to other sciences and engineering.
    - Recognize mathematical ideas in other contexts.

The Bachelor of Science in Applied and Computational Mathematics should appeal to students who have an aptitude for math and help prepare and empower them for a wide range of jobs in various, diverse, forward-leading industries.

International F-1 students who successfully complete this degree are eligible for an additional 24-month STEM OPT extension to work in the U.S. in an area directly related to their area of study immediately upon completing the customary 12-month post-completion Optional Practical Training (OPT).

Five-Year Accelerated Option

By collaborating with the College of Engineering and Computing Sciences' Entrepreneurial and Technology Innovation Center (ETIC), the College of Arts and Sciences offers math majors an accelerated path for graduate study toward an M.S. degree in Data Science. This quickly growing field will increase a student's job marketability, and also strengthen further interdisciplinary connections among New York Tech fields of study.

Any math major with a GPA of 3.0 or higher is eligible to participate in this program. During their undergraduate studies, students take three graduate courses in lieu of required undergraduate computer science/general electives:

- DTSC 610 Programming for Data Science, 3 credits
- DTSC 615 Optimization Methods for Data Science, 3 credits
- DTSC 620 Statistics for Data Science, 3 credits

The total number of credits required for the degree do not change.

View details of this program

This program has specific admission requirements, along with the general admission materials (below).

Admission Requirements

- Criterion for admission is a demonstrated readiness for Calculus I, as determined by placement test or by an AP score of 4 (A-B version) or 3 (B-C version).
- Students placed in Precalculus may be given provisional admission to this major, but should recognize that the degree will take longer to complete as a result.

Application Materials

- Completed application
- $50 nonrefundable application fee
- Copies of transcripts of all high school work, including college-level courses. Your midyear and final grades will be required. All final, official transcripts must be received prior to the start of your first semester.
- Official SAT (critical reading and math only) or ACT test scores. You have the option of submitting results from the previous or redesigned SAT. If you have fewer than 24 credits of previous college work completed, you will need to submit official scores.
    - SAT Code: 2561, ACT Code: 2832
- Two letters of recommendation

- 300–350 word essay on one of the following topics:

    - Tell us about your career goals and why attending New York Tech would further these goals.
    - Describe the achievement of which you are most proud and why.

College of Arts and Sciences Curriculum

Curriculum Requirements for Bachelor of Science in Applied and Computational Mathematics

General Education

Foundations		Credits:
FCWR 101	Writing I: College Composition	3
FCWR 151	Writing II: Research Writing	3
FCWR 3XX	Foundation of Communication Choice	3
		Total: 9 Credits

Data Literacy		Credits:
DATA 101	Making Sense of a Data-Oriented Society	3

Seminars (select courses from at least three of the four areas)		Credits:
ICBS 3XX	Behavioral Science Choice	3
ICLT 3XX	Literature Choice	3
ICPH 3XX	Philosophy Choice	3
ICSS 3XX	Social Science/Economics Choice*	3
		Total: 12 Credits

Students must take four seminar courses from at least three different areas of study.

*Students may choose between ICSS 3XX or IENG 400 Technology and Global Issues.

Major Requirements

Computer Science		Credits:
CSCI 125	Computer Programming I	3
CSCI 185	Computer Programming II	3
		Total: 6 Credits

Physics		Credits:
PHYS 170	General Physics I	4
PHYS 180	General Physics II	4
		Total: 8 Credits

General Electives		Credits:
	Consult with advisor on all liberal arts electives.	18

Mathematics Electives		Credits:
MATH 3XX	Math electives must be at 300-level and above. Consult with advisor on all elective choices.	6

Mathematics Requirement (all concentrations)		Credits:
MATH 170	Calculus I	4
MATH 180	Calculus II	4
MATH 220	Probability and Statistics	3
MATH 260	Calculus III	4
MATH 310	Linear Algebra	3
MATH 320	Differential Equations	3
MATH 330	Computational Analysis	4
MATH 350	Advanced Calculus	3
MATH 410	Numerical Linear Algebra	3
MATH 490	Mathematical Modeling Capstone Course	5
		Total: 36 Credits

Concentration Options:

Students may choose between General Concentration, Mathematical Modeling, or Scientific Computation.

General Concentration		Credits:
MATH 45X	Choose between MATH 450 Partial Differential Equations and MATH 455 Numerical Analysis	3
MATH 3XX	Math elective must be at 300-level and above. Consult with advisor on all elective choices.	3
	Science Elective	4
	Computer Science Elective	3
	Computer Science or Science Elective Choice	9

Mathematical Modeling Concentration		Credits:
MATH 450	Partial Differential Equations	3
MATH 470	Mathematical Fluid Dynamics	3
PHYS 220	General Physics III	4
PHYS 225	Intro to Modern Physics	3
PHYS 450	Mathematical Physics	3
	Computer Science Elective	3
	Computer Science or Science Elective Choice	3

Scientific Computation Concentration		Credits:
CSCI 235	Elements of Discrete Structures	3
CSCI 312	Theory of Computations	3
CSCI 335	Design and Analysis of Algorithms	3
MATH 440	Numerical Optimization	3
MATH 455	Numerical Analysis	3
	Science Elective	4

Total Program Requirement = 120 credits

Grades for all MATH courses must be a C or higher. The combined GPA for all mathematics courses must be a 2.7 or higher.

College of Arts and Sciences

Biological and Chemical Sciences

Biological and chemical sciences encompass several areas of study concerned with how living organisms function, survive, adapt, and evolve. Biology and chemistry are the core disciplines from which additional subfields arise, including biotechnology, biochemistry, biomedical engineering, physiology, and cell and molecular biology. People in these fields include physicians and other healthcare professionals, college professors, researchers, chemists, laboratory technicians, biomedical engineers, biologists, and K–12 science teachers. They begin their education by studying general life sciences or one of its more specialized subfields.

The Department of Biological and Chemical Sciences offers a variety of degree options as well as combined educational programs to train and prepare students to enter the exciting world of life sciences and medical fields. Our faculty members actively conduct research in various fields, such as molecular and cellular biology, biochemistry, physical chemistry, genetics, microbiology, bioinformatics, and animal behavior. Faculty are specialized in areas such as genome engineering with CRISPR-Cas9, neural circuits and behavior, cell death, stereochemistry and chirality in drug design, photoionization mass spectrometry of oxidation reactions, bone development and regeneration, evolution of social behaviors among primates, phylogenetics, cancer biology and chemoprevention, brain diseases and drug design, development of new antimicrobial agents, synthesis of new homogeneous catalysts for the activation of strong bonds and polymerization processes, as well as RNA epigenetics, RNA therapeutics, and development of direct sequencing of DNA/RNA, development of novel DNA microarrays, and alternative and multistranded DNAs in normal and disease states. Their research projects provide students with broad hands-on training opportunities.

Our goal is to create a stimulating learning environment committed to providing students with a highly interactive educational environment and many research experiences. Our majors fulfill all the requirements for entrance to medical school, or to pursue graduate studies in dentistry, podiatry, veterinary medicine, and other areas, and contain a core curriculum in humanities.

International F-1 students who successfully complete this degree are eligible for an additional 24-month STEM OPT extension to work in the U.S. in an area directly related to their area of study immediately upon completing the customary 12-month post-completion Optional Practical Training (OPT).

Our Bachelor of Science in Biology is comprised of coursework in anatomy, physiology, biochemistry, microbiology, genetics, cell biology, evolutionary biology, general and organic chemistry, physics, and calculus. Upon graduation, you will be prepared to enter various biomedical

fields. Our Bachelor of Science in Biology, with a concentration in Molecular Biology will allow you to focus specifically on biological processes at the molecular level to be qualified for graduate research programs or employment in the biomedical research industry.

In our Bachelor of Science in Biochemistry, students will learn about the kinetic and thermodynamic principles underlying the structural and functional biology of the cell, and be able to identify and understand the fundamental biochemical reactions that underlie all biological processes at the molecular level, from gene transcription to protein function. Students will become adept in the practice of modern techniques in biochemistry and molecular biology, including research design, data analysis and interpretation, and communication of the results of scientific investigations.

Our Bachelor of Science in Biotechnology is comprised of courses in biology, microbiology, virology, genetics and genetic engineering, cell biology, bioprocessing, organic chemistry, environmental chemistry, pharmaceutical chemistry, biotechnology, physics, calculus, and even entrepreneurial technology and innovation management. Upon graduation, you'll be prepared to meet the growing demand for professionals with a knowledge of biotechnology.

Our Bachelor of Science in Chemistry comprises coursework in progressive levels of general chemistry, organic chemistry, quantitative and instrumental analysis, physical chemistry, biochemistry, physics, and mathematics, as well as a selection of electives for a variety of topics, including environmental chemistry, pharmaceutical chemistry, and computational chemistry. Upon graduation, you will be prepared to enter numerous chemistry-related fields, including the pharmaceutical or petrochemical industries, government or academic research, and the health professions. A Bachelor of Science in Chemistry, with a concentration in Pharmaceutical Sciences provides a career-centered education in the pharmaceutical field, and students will also be well-equipped to apply for graduate or doctorate programs in pharmaceutical and biomedical sciences, clinical and experimental therapeutics, toxicology, and related disciplines.

- Biology
- Biology, with a Concentration in Molecular Biology
- Biochemistry
- Biotechnology
- Chemistry
- Chemistry, with a Concentration in Pharmaceutical Sciences
- B.S./D.O. – Combined Bachelor of Science in Life Sciences, Osteopathic Medicine Option/Doctor of Osteopathic Medicine
- B.S./DPT – Combined Bachelor of Science in Life Sciences, Physical Therapy Option/Doctor of Physical Therapy
- B.S./OTD – Combined Bachelor of Science in Life Sciences, Occupational Therapy Option/Doctorate in Occupational Therapy
- B.S./M.S. – Combined Bachelor of Science in Life Sciences, Occupational Therapy Option/Master of Science in Occupational Therapy
- B.S./M.S. – Combined Bachelor of Science in Life Sciences, Physician Assistant Option/Master of Science in Physician Assistant Studies

---

Back to Top

Bachelor of Science Programs

The Department of Biological and Chemical Sciences offers several majors, including biology, biology with a concentration in molecular biology, biotechnology, chemistry, and chemistry with a concentration in pharmaceutical sciences.

The flexible curriculum comprises a required core of basic studies in pertinent sciences, engineering, and the humanities, as well as advanced courses in chemistry, biology, and engineering that include a selection of electives to fulfill each student's baccalaureate goals. In addition, each of our degree programs enables students to fulfill all course requirements for entrance to medical and osteopathic schools.

Curriculum Requirements

- Biology
- Biology, with a Concentration in Molecular Biology
- Biochemistry
- Biotechnology
- Chemistry
- Chemistry, with a Concentration in Pharmaceutical Sciences

All of the Bachelor of Science programs follow our general admission requirements.

Application Materials

- Completed application
- $50 nonrefundable application fee
- Copies of transcripts of all high school work, including college-level courses. Your midyear and final grades will be required. All final, official transcripts must be received prior to the start of your first semester.
- Official SAT (critical reading and math only) or ACT test scores. You have the option of submitting results from the previous or redesigned SAT. If you have fewer than 24 credits of previous college work completed, you will need to submit official SAT or ACT scores.
    - SAT Code: 2561, ACT Code: 2832
- Two letters of recommendation
- 300–350 word essay on one of the following topics:

- Tell us about your career goals and why attending New York Tech would further these goals.
- Describe the achievement of which you are most proud and why.

International Students Special Requirements

Back to Top

Combined Programs

In addition, the Department of Biological and Chemical Sciences also offers a number of combined degree programs:

- Bachelor of Science in Life Sciences/Doctor of Osteopathic Medicine, B.S./D.O.
- Bachelor of Science in Life Sciences/Doctor of Physical Therapy, B.S./DPT
- Bachelor of Science in Life Sciences/Doctorate in Occupational Therapy, B.S./OTD
- Bachelor of Science in Life Sciences/Master of Science in Occupational Therapy, B.S./M.S.
- Bachelor of Science in Life Sciences/Master of Science in Physician Assistant Studies, B.S./M.S.

View undergraduate admissions requirements

B.S./D.O. – Bachelor of Science in Life Sciences, Osteopathic Medicine Option/Doctor of Osteopathic Medicine

This accredited program is for talented, highly motivated students. After completing their baccalaureate preparation in three years, they may be admitted directly into NYIT College of Osteopathic Medicine, which requires four years to complete the Doctor of Osteopathic Medicine. The Bachelor of Science in Life Sciences is conferred upon successful completion of the student's first year of medical school.

Admission Requirements

First Year

- Minimum combined SAT score of 1270 (critical reading and math only) or ACT score of 28
- Minimum high school average of 90
- High class standing

This program does not accept undergraduate transfer students. Post-admission, all required courses for joint programs must be taken at New York Institute of Technology unless unavailable.

Application Materials

- Completed application
- $50 nonrefundable application fee
- Copies of transcripts of all high school work, including college-level courses. Your midyear and final grades will be required. All final, official transcripts must be received prior to the start of your first semester.
- Official SAT (critical reading and math only) or ACT test scores
  - SAT Code: 2561, ACT Code: 2832
- Two letters of recommendation
- 300–350 word essay on your desire to work in the field of osteopathic medicine

Progression to the D.O. program

To enter NYIT College of Osteopathic Medicine, students must complete a personal interview and application, including these criteria:

1. GPA
   - All B.S./D.O. students must maintain a cumulative and semester 3.5 GPA in the program.
   - If a student falls below the cumulative and/or semester 3.5 GPA, they will be placed on probationary status. Only one probation is allowed.
   - If a student fails to achieve the 3.5 cumulative and semester GPA in the semester following probation, they will automatically be dismissed from the B.S./D.O. program.
   - If a student falls below the cumulative and/or semester 3.5 GPA for a second time, they will be dismissed from the program.
2. MCAT score within median range of the preceding NYIT College of Osteopathic Medicine class
3. Favorable letters of recommendation from the departmental B.S./D.O. committee
4. Application package submitted by February 1 prior to August start (must include MCAT score)
5. Supportive interview from NYIT College of Osteopathic Medicine Admissions Committee

Curriculum Requirements

- Combined Bachelor of Science in Life Sciences, Osteopathic Medicine Option/Doctor of Osteopathic Medicine Program

B.S./M.S. and B.S./OTD – Combined Bachelor of Science in Life Sciences, Occupational Therapy Options

The combined Bachelor of Science in Life Sciences/Occupational Therapy degree is a 3+3 year program, which includes three years of pre-professional courses, two and one half years of professional coursework, and 24 weeks (six months) of clinical/fieldwork experience. The Occupational Therapy program provides entry-level professional education in the field of study.

The program is accredited by the Accreditation Council for Occupational Therapy Education of the American Occupational Therapy Association, 4720 Montgomery Lane, P.O. Box 31220, Bethesda, MD 20824-1220, 301.652.2682, aota.org. It is also approved by the New York State Education Department.

Graduates of the master's/doctorate degree program are eligible to take the national certification exam for occupational therapists administered by the National Board for Certification of Occupational Therapy. After successful completion of the exam, individuals become OTRs, occupational therapists registered. Most states also require licensure to practice; however, eligibility for state licenses are usually based on exam results and other requirements.

This program is designed for undergraduates who wish to enter the graduate program (professional phase) following three years of undergraduate work. Post-admission, all required courses for joint programs must be taken at New York Institute of Technology unless unavailable.

Admission Requirements

First Year

- Minimum combined SAT score of 980 (critical reading and math only) and 1100, or ACT of 18 and 24, for the B.S./M.S. and B.S./OTD, respectively. Please note that a combined SAT score of 980 and 1100 is the minimum score needed for consideration for admission to the B.S./M.S. and B.S./OTD program, respectively, it does not guarantee admission.
- Minimum high school average of 80 and 85, for the B.S./M.S. and B.S./OTD, respectively
- 100 hours of volunteer or paid experience under the direct supervision of an occupational therapist
- Preference is given to applicants with a three- to four-year sequence in high school math and science Regents courses
- Competence in written and spoken English and computer skills (preparation of documents, spreadsheets, graphs, databases, research and presentations)

Transfer

- Cumulative GPA of 3.0
- Received no grade in a science or math course below B- and no grade below a C+ in non-science prerequisites. Only one math or science course can be retaken one time to achieve the required grade.
- 100 hours of volunteer or paid experience under the direct supervision of an occupational therapist

Application Materials

- Completed application
- $50 nonrefundable application fee
- Copies of transcripts of all high school work, including college-level courses. Your mid-year and final grades will be required. All final, official transcripts must be received prior to the start of your first semester
- Official SAT (critical reading and math only) or ACT test scores. If you have fewer than 24 credits of previous college work completed, you will need to submit official SAT or ACT scores:
- SAT Code: 2561, ACT Code 2832
- Two letters of recommendation (one letter must be from the licensed occupational therapist documenting volunteer hours)
- 300–350 word essay on your desire to work in the field of occupational therapy

Progression to the graduate program

To advance to the master's program, students must meet these admissions criteria:

- Submit an application through the Occupational Therapy Centralized Application Service (OTCAS)
- Maintain an overall GPA of 3.0
- Complete all prerequisite courses
- Receive no grade in a science or math course below B- and no grade below a C+ in non-science prerequisites
- Only one math or science course can be retaken one time to achieve the required grade
- Complete an interview with and receive a recommendation from the Occupational Therapy Admissions Committee
- Document 100 volunteer hours under the supervision of a licensed occupational therapist to be completed by the undergraduate's sophomore year (at least 50 hours must be completed at time of application)
- Complete an essay on motivation to pursue occupational therapy as a career
- Obtain three professional recommendations on letterhead, including one from a licensed occupational therapist
- Fulfillment of Technical Standards for the Master of Science in Occupational Therapy

The B.S. in Life Sciences will be conferred upon successful completion of the first professional year of the graduate phase in Occupational Therapy. Students in this track not accepted into the professional phase of the occupational therapy program must complete requirements for

another undergraduate major to receive a baccalaureate degree.

Curriculum Requirements

- B.S./OTD – Combined Bachelor of Science in Life Sciences, Occupational Therapy Option/Doctorate in Occupational Therapy
- B.S./M.S. – Combined Bachelor of Science in Life Sciences, Occupational Therapy Option/Master of Science in Occupational Therapy

B.S./DPT – Combined Bachelor of Science in Life Sciences, Physical Therapy Option/Doctor of Physical Therapy

This six-year program includes a three-year phase of pre-professional courses and a three-year professional phase. It is accredited by the Commission on Accreditation in Physical Therapy. The combined degree program is designed for high school seniors who wish to be admitted to the professional Doctor of Physical Therapy program following completion of three years of undergraduate work.

Admission Requirements

First Year

- Minimum combined SAT score of 1170 (critical reading and math only) or ACT score of 24
- Minimum high school average of 90
- 50 hours of volunteer or paid experience under the direct supervision of a physical therapist. The hours must be completed at the time of application.

This program does not accept undergraduate transfer students. Post-admission, all required courses for joint programs must be taken at New York Institute of Technology unless unavailable.

Application Materials

- Completed application
- $50 nonrefundable application fee
- Copies of transcripts of all high school work, including college-level courses. Your midyear and final grades will be required. All final, official transcripts must be received prior to the start of your first semester.
- Official SAT (critical reading and math only) or ACT test scores
    - SAT Code: 2561, ACT Code: 2832
- Two letters of recommendation
- 300–350 word essay on your desire to work in the field of physical therapy

Progression to the DPT program

To successfully transition into the professional phase of the curriculum, pre-professional students must meet certain standards:

- Submit an application through the Physical Therapy Centralized Application Service (PTCAS)
- 3.2 overall cumulative GPA
- No science or math grade lower than B-
    - Only one math or science course can be retaken one time to achieve the required grade
- No grade of D or F in any course
- 100 hours of volunteer or paid experience under the direct supervision of a physical therapist each year of undergraduate study. Documentation must be submitted to the Department of Physical Therapy by May 20 of each year.
- Recommendation from the Department Physical Therapy in the NYIT School of Health Professions Admissions Committee

The B.S. in Life Sciences is conferred upon successful completion of the first professional year of the Doctor of Physical Therapy program. Each student must complete the undergraduate portion of the curriculum within 3.5 years. If a student needs to take a leave of absence from the undergraduate phase of the curriculum, extenuating circumstances will be considered and upon departmental approval, they may be admitted into the professional phase when prerequisite coursework is completed. If prerequisite coursework cannot be completed in the 3.5-year time frame, the student must change to an alternate major and apply for admission through the Physical Therapy Centralized Application Service for entry as a graduate student.

Two semesters of organic chemistry with lab work are required for admission to medical schools and most other professional and graduate programs in the health professions, behavioral, and life sciences fields. In addition, employment in the life sciences field usually requires knowledge of organic chemistry and biochemistry at a level greater than that offered by the single semester of bio-organic chemistry (CHEM 215). We recommend that students who do not complete the B.S./DPT take CHEM 210/250 and BIO 340.

Curriculum Requirements

- B.S./DPT – Combined Bachelor of Science in Life Sciences, Physical Therapy Option/Doctor of Physical Therapy

B.S./M.S. – Combined Bachelor of Science in Life Sciences, Physician Assistant Studies Option/Master of Science in Physician Assistant Studies

This six-year program includes three years of undergraduate courses in the B.S. in Life Sciences curriculum, followed by three years in the M.S. in the Physician Assistant Studies program, which provides professional education for an entry-level position in the field of study. The program is designed for exceptional high school students who wish to be admitted to the master's program.

Admission Requirements

First Year

- Minimum combined SAT score of 1170 (critical reading and math only) or ACT score of 24
- Minimum high school average of 90
- AP credits with a score of 5 (five) are accepted for the following prerequisite courses for the MSPAS program:
  - Two semesters of biology with laboratory
  - Two semesters of general chemistry with laboratory
  - One semester of psychology
  - One semester of college math
- College credit courses that earn a letter grade of B and above will be accepted towards any of the MSPAS professional phase prerequisite courses
- 50 hours of verifiable patient contact experience

This program does not accept undergraduate transfer students. Post-admission, all required courses for joint programs must be taken at New York Institute of Technology unless unavailable.

Application Materials

- Completed application
- $50 nonrefundable application fee
- Copies of transcripts of all high school work, including college-level courses. Your midyear and final grades will be required. All final, official transcripts must be received prior to the start of your first semester.
- Official SAT (critical reading and math only) or ACT test scores
  - SAT Code: 2561, ACT Code: 2832
- Two letters of recommendation
- Letter from supervisor(s) verifying at least 50 hours of patient contact experience, including details of tasks performed
- 300–350 word essay on your desire to become a physician assistant

Progression from the B.S./M.S. – Combined Bachelor of Science in Life Sciences, Physician Assistant Studies Option to the Master of Science in Physician Assistant Studies

To advance to the master-level professional phase, students must meet these admissions criteria:

- Submit an application through the Centralized Application Service for Physician Assistants (CASPA). This application includes:
  - Completion of at least 250 hours of verifiable direct patient healthcare experience
  - Three professional letters of recommendation, including at least one from a healthcare practitioner with P.A., M.D., or D.O. credentials
- Complete an admissions interview
- Minimum overall GPA of 3.0
- Minimum overall science GPA of 3.2
- Complete prerequisite undergraduate courses
- No prerequisite grade lower than B
  - Only one math or science course can be retaken one time to achieve the required grade
- In-person progression evaluation and recommendation from the PA program director
- Fulfillment of Technical Standards of the Physician Assistant Studies program

Progression to the master-level professional phase will be no sooner than the completion of three (3) years of New York Institute of Technology undergraduate course work. Students must meet the criteria stated in the graduate catalog at the time of their progression into the graduate phase of the program.

The Bachelor of Science in Life Sciences is conferred upon successful completion of the first year of the Master of Science in Physician Assistant Studies program. Students not accepted into the program's professional phase must complete the requirements for another life sciences option to receive a baccalaureate degree.

Graduates of the master's degree program are eligible to take the Physician Assistant National Certification Examination administered by the National Commission on Certification of Physician Assistants. All states require applicants for physician assistant licensure to pass the certification examination. New York Institute of Technology's program is accredited by the Accreditation Review Commission on Education for the Physician Assistant.

Curriculum Requirements

- B.S./M.S. – Combined Bachelor of Science in Life Sciences, Physician Assistant Option/Master of Science in Physician Assistant Studies

Curriculum Requirements for Bachelor of Science in Biology

General Education

Foundations		Credits:
FCWR 101	Writing I: College Composition	3
FCWR 151	Writing II: Research Writing	3
FCWR 302	Communication for Healthcare Careers	3
	—OR—	
FCWR 304	Communication for Technical Professions	3
		Total: 9 Credits

Data Literacy		Credits:
DATA 101	Making Sense of a Data-Oriented Society	3

Seminars (select courses from at least three of the four areas)		Credits:
ICBS 3XX	Behavioral Science choice	3
ICLT 3XX	Literature choice	3
ICPH 3XX	Philosophy choice	3
ICSS 3XX	Social Science or Economics choice	3
		Total: 12 Credits

Students must take four seminar courses from at least three different areas of study.

Mathematics and Science		Credits:
MATH 141	Precalculus	4
BIOL 110	General Biology I	4
		Total: 8 Credits

Major Requirements

Biology		Credits:
BIOL 150	General Biology II	4
BIOL 210	Human Anatomy	4
BIOL 233	Genetics**	4
BIOL 235	Microbiology	4
BIOL 310	Human Physiology	4
BIOL 325	Evolutionary Biology	3
BIOL 340	Biochemistry	4

BIOL 395	Introduction to Research Literature	3
BIOL 432	Cell Biology	3
		Total: 33 Credits

** BIOL 335 Genetics also counts towards this requirement.

Chemistry		Credits:
CHEM 110	General Chemistry I	4
CHEM 150	General Chemistry II	4
CHEM 210	Organic Chemistry I	4
CHEM 250	Organic Chemistry II	4
		Total: 16 Credits

Mathematics		Credits:
MATH 170	Calculus I	4
BIOL 250	Biostatistics	3
		Total: 7 Credits

Physics		Credits:
PHYS 175	Pre-Med Physics I	5
PHYS 185	Pre-Med Physics II	5
		Total: 10 Credits

Project Lab or Research (choose one)		Credits:
BIOL/CHEM 48X	Research Project Lab choice	3
BIOL 493	Independent Research III	3
BIOL 494	Independent Research IV	4
		Total: 3–4 Credits

Science Electives		Credits:
	Consult with advisor on any electives.	9

General Electives		Credits:
	Consult with advisor on any electives.	12

Total Required Credits = 122–123

Curriculum Requirements for B.S. in Biology, Molecular Biology Concentration

General Education

Foundations		Credits:
FCWR 101	Writing I: College Composition	3
FCWR 151	Writing II: Research Writing	3
FCWR 302	Communication for Healthcare Careers	3
	—OR—	
FCWR 304	Communication for Technical Professions	3
		Total: 9 Credits

Data Literacy		Credits:
DATA 101	Making Sense of a Data-Oriented Society	3

Seminars (select courses from at least three of the four areas)		Credits:
ICBS 3XX	Behavioral Science choice	3
ICLT 3XX	Literature choice	3
ICPH 3XX	Philosophy choice	3
ICSS 3XX	Social Science or Economics choice	3
		Total: 12 Credits

Students must take four seminar courses from at least three different areas of study.

Mathematics and Science		Credits:
MATH 141	Precalculus	4
BIOL 110	General Biology I	4
		Total: 8 Credits

Major Requirements

Biology		Credits:
BIOL 150	General Biology II	4
BIOL 210	Human Anatomy	4
BIOL 233	Genetics	4
BIOL 235	Microbiology	4
BIOL 310	Human Physiology	4
BIOL 325	Evolutionary Biology	3
BIOL 340	Biochemistry	4
BIOL 395	Introduction to Research Literature	3
BIOL 432	Cell Biology	3
		Total: 33 Credits

Chemistry		Credits:

CHEM 110	General Chemistry I	4
CHEM 150	General Chemistry II	4
CHEM 210	Organic Chemistry I	4
CHEM 250	Organic Chemistry II	4
		Total: 16 Credits

Mathematics		Credits:
MATH 170	Calculus I	4
BIOL 250	Biostatistics	3
		Total: 7 Credits

Physics		Credits:
PHYS 175	Pre-Med Physics I	5
PHYS 185	Pre-Med Physics II	5
		Total: 10 Credits

Molecular Biology Requirement		Credits:
BIOL 336	Molecular Biology	3

Molecular Biology Electives (choose three)		Credits:
BIOL 238	Introduction to Biotechnology	3
BIOL 315	Neuroscience	3
BIOL 331	Virology	3
BIOL 332	Developmental Biology	3
BIOL 341	Genetic Engineering	3
BIOL 346	Immunology	3
BIOL 350	Bioinformatics	3
BIOL 456	Pharmacology	3
BIOL 461	Cancer Biology	3
CHEM 420	Pharmaceutical Chemistry	3
CHEM 440	Drug Discovery	3
		Total: 9 Credits

Project Lab or Research (choose one)		Credits:
BIOL/CHEM 48X	Research Project Lab choice	3
BIOL 493	Independent Research III	3
BIOL 494	Independent Research IV	4
		Total: 3–4 Credits

General Electives		Credits:
	Consult with advisor on any electives.	9

Total Required Credits = 122–123

Curriculum Requirements for Bachelor of Science in Biochemistry

General Education

Foundations		Credits:
FCWR 101	Writing I: Foundations of College Composition	3
FCWR 151	Writing II: Foundations of Research Writing	3
FCWR 302	Communication for Healthcare Careers	3
	–OR–	
FCWR 304	Communication for Technical Professions	3
		Total: 9 Credits

Data Literacy		Credits:
DATA 101	Making Sense of a Data-Oriented Society	3

Seminars (select courses from at least three of the four areas)		Credits:
ICBS 3XX	Behavioral Science choice	3
ICLT 3XX	Literature choice	3
ICPH 3XX	Philosophy choice	3
ICSS 3XX	Social Science choice	3
		Total: 12 Credits

Students must take four seminar courses from at least three different areas of study.

Math and Science Requirement		Credits:
MATH 170	Calculus I	4
BIOL 110	General Biology	4
		Total: 8 Credits

Major Requirements

Biology		Credits:
BIOL 150	General Biology II	4
BIOL 233	Genetics	4
BIOL 250	Biostatistics	3
BIOL 336	Molecular Biology	3
BIOL 340	Biochemistry	4

BIOL 370	Advanced Biochemistry	3
BIOL 432	Cell Biology	3
		Total: 24 Credits

Chemistry		Credits:
CHEM 110	General Chemistry	4
CHEM 150	General Chemistry II	4
CHEM 210	Organic Chemistry I	4
CHEM 250	Organic Chemistry II	4
CHEM 340	Bioanalytical Chemistry	3
CHEM 410	Physical Chemistry I	4
CHEM 450	Physical Chemistry II	4
		Total: 27 Credits

Mathematics		Credits:
MATH 180	Calculus II	4

Physics		Credits:
PHYS 170	General Physics I	4
	—OR—	
PHYS 175	General Physics for Pre-Med I	5
PHYS 180	General Physics II	4
	—OR—	
PHYS 185	General Physics for Pre-Med II	5
		Total: 8–10 Credits

Students choose between general physics or physics for pre-med sequence and take PHYS 170 and 180 **OR** PHYS 175 and 185.

Project Lab or Research*		Credits:
BIOL/CHEM 395	Introduction to Research Literature (required)	3
BIOL/CHEM 48X	Research Project Lab choice	3
	–OR–	
BIOL/CHEM 49X	Independent Research choice	3
		Total: 6 Credits

* All students take BIOL/CHEM 395, then choose between a biology or chemistry project lab or independent research.

Biology Pool Electives (choose at least one)		Credits:
BIOL 315	Neuroscience	3
BIOL 331	Virology	3
BIOL 332	Developmental Biology	3
BIOL 341	Genetic Engineering	3

BIOL 346	Immunology	3
BIOL 350	Bioinformatics	3
BIOL 456	Pharmacology	3
BIOL 461	Cancer Biology	3
		Total: 3–6 Credits

Of the four restricted electives, at least one must come from the Chemistry Pool and one from the Biology Pool.

Chemistry Pool Electives (choose at least one)		Credits:
CHEM 330	Nanoscience and Nanotechnology	3
CHEM 350	Instrumental Analysis	3
CHEM 430	Biophysical Chemistry	3
CHEM 455	Computational Chemistry	3
CHEM 470	Inorganic Chemistry	3
		Total: 3–6 Credits

Of the four restricted electives, at least one must come from the Chemistry Pool and one from the Biology Pool.

Miscellaneous Pool Electives		Credits:
BIOL 235	Microbiology	3
BIOL 238	Introduction to Biotechnology	3
BIOL 335	Recombinant DNA Lab	3
BIOL 441	Contemporary Biotechnology	3
BIOL 442	Bioprocessing	3
PHYS 366	Biophysics	3
BIOL/CHEM 48X/49X	Research Project Lab/Independent Research	3–4
		Total: 3–6 Credits

General Electives		Credits:
	Choose liberal arts electives in consultation with an advisor.	9

Total Required Credits: 122–124

College of Arts and Sciences Curriculum

Curriculum Requirements for Bachelor of Science in Biotechnology

General Education

Foundations		Credits:
FCWR 101	Writing I: College Composition	3
FCWR 151	Writing II: Research Writing	3
FCWR 302	Communication for Healthcare Careers	3

	—OR—	
FCWR 304	Communication for Technical Professions	3
		Total: 9 Credits

Data Literacy		Credits:
DATA 101	Making Sense of a Data-Oriented Society	3

Seminars (select courses from at least three of the four areas)		Credits:
ICBS 3XX	Behavioral Science choice	3
ICLT 3XX	Literature choice	3
ICPH 3XX	Philosophy choice	3
ICSS 3XX	Social Science/Economics choice	3
		Total: 12 Credits

Students must take four seminar courses from at least three different areas of study.

Math and Science Requirement		Credits:
MATH 141	Precalculus	4
BIOL 110	General Biology I	4
		Total: 8 Credits

Major Requirements

Biology		Credits:
BIOL 150	General Biology II	4
BIOL 233	Genetics**	4
BIOL 235	Microbiology	4
BIOL 238	Introduction to Biotechnology	3
BIOL 250	Biostatistics	3
BIOL 336	Molecular Biology	3
BIOL 340	Biochemistry	4
BIOL 341	Genetic Engineering	3
BIOL 350	Bioinformatics	3
BIOL 395	Introduction to Research Literature	3
BIOL 432	Cell Biology	3
BIOL 442	Bioprocessing	3
		Total: 40 Credits

** BIOL 335 Genetics also counts towards this requirement.

Chemistry		Credits:
CHEM 110	General Chemistry I	4

CHEM 150	General Chemistry II	4
CHEM 210	Organic Chemistry I	4
CHEM 250	Organic Chemistry II	4
CHEM 420	Pharmaceutical Chemistry	3
CHEM 440	Drug Discovery	3
		Total: 22 Credits

Mathematics		Credits:
MATH 170	Calculus I	4
		Total: 4 Credits

Physics		Credits:
PHYS 175	Pre-Med Physics I	5
PHYS 185	Pre-Med Physics II	5
		Total: 10 Credits

Project Lab or Research (choose one)		Credits:
BIOL/CHEM 48X	Research Project Lab choice	3
BIOL 493	Independent Research III	3
BIOL 494	Independent Research IV	4
		Total: 3–4 Credits

Science Electives		Credits:
	Consult with advisor on any electives.	6

General Electives		Credits:
	Consult with advisor on any electives.	9

Total Required Credits = 126–127

College of Arts and Sciences Curriculum

Curriculum Requirements for Bachelor of Science in Chemistry

General Education

Foundations		Credits:
FCWR 101	Writing I: Foundations of College Composition	3
FCWR 151	Writing II: Foundations of Research Writing	3
FCWR 302	Communication for Healthcare Careers	3

	—OR—	
FCWR 304	Communication for Technical Professions	3
		Total: 9 Credits

Data Literacy		Credits:
DATA 101	Making Sense of a Data-Oriented Society	3

Seminars (select courses from at least three of the four areas)		Credits:
ICBS 3XX	Behavioral Science choice	3
ICLT 3XX	Literature choice	3
ICPH 3XX	Philosophy choice	3
ICSS 3XX	Social Science/Economics choice	3
		Total: 12 Credits

Students must take four seminar courses from at least three different areas of study.

Math and Science Core		Credits:
MATH 141	Precalculus	4
BIOL 110	General Biology I	4
		Total: 8 Credits

Major Requirements

Chemistry		Credits:
CHEM 110	General Chemistry I	4
CHEM 150	General Chemistry II	4
CHEM 210	Organic Chemistry I	4
CHEM 250	Organic Chemistry II	4
CHEM 310	Quantitative Analysis	4
CHEM 350	Instrumental Analysis	3
CHEM 395	Introduction to Research Design	3
CHEM 410	Physical Chemistry I	4
CHEM 450	Physical Chemistry II	4
CHEM 470	Inorganic Chemistry	3
		Total: 37 Credits

Biology		Credits:
BIOL 340	Biochemistry	4
		Total: 4 Credits

Mathematics Requirement		Credits:
MATH 170	Calculus I	4

MATH 180	Calculus II	4
		Total: 8 Credits

Mathematics Elective (choose one)		Credits:
MATH 235	Applied Statistics	3
MATH 310	Linear Algebra	3
		Total: 3 Credits

Physics		Credits:
PHYS 170	General Physics I	4
	—OR—	
PHYS 175	General Physics for Pre-Med I	5
PHYS 180	General Physics II	4
	—OR—	
PHYS 185	General Physics for Pre-Med II	5
		Total: 8–10 Credits

Project Lab or Research (choose one)		Credits:
CHEM 48X	Research Project Lab choice	3
CHEM 493	Independent Research III	3
CHEM 494	Independent Research IV	4
		Total: 3–4 Credits

General Electives		Credits:
	Consult with advisor on any electives choices.	12

Science Electives		Credits:
	Consult with advisor on any electives choices.	12–15

Total Required Credits = 122–125

Curriculum Requirements for B.S. in Chemistry, Pharmaceutical Sciences Concentration

General Education

Foundations		Credits:
FCWR 101	Writing I: Foundations of College Composition	3

FCWR 151	Writing II: Foundations of Research Writing	3
FCWR 302	Communication for Healthcare Careers	3
	—OR—	
FCWR 304	Communication for Technical Professions	3
		Total: 9 Credits

Data Literacy		Credits:
DATA 101	Making Sense of a Data-Oriented Society	3

Seminars (select courses from at least three of the four areas)		Credits:
ICBS 3XX	Behavioral Science choice	3
ICLT 3XX	Literature choice	3
ICPH 3XX	Philosophy choice	3
ICSS 3XX	Social Science/Economics choice	3
		Total: 12 Credits

Students must take four seminar courses from at least three different areas of study.

Math and Science Core		Credits:
MATH 141	Precalculus	4
BIOL 110	General Biology I	4
		Total: 8 Credits

Major Requirements

Chemistry		Credits:
CHEM 110	General Chemistry I	4
CHEM 150	General Chemistry II	4
CHEM 210	Organic Chemistry I	4
CHEM 250	Organic Chemistry II	4
CHEM 310	Quantitative Analysis	4
CHEM 350	Instrumental Analysis	3
CHEM 395	Introduction to Research Design	3
CHEM 410	Physical Chemistry I	4
CHEM 450	Physical Chemistry II	4
CHEM 470	Inorganic Chemistry	3
		Total: 37 Credits

Biology		Credits:
BIOL 210	Human Anatomy	4
BIOL 310	Human Physiology	4
BIOL 340	Biochemistry	4

BIOL 456	Pharmacology	3
		Total: 15 Credits

Mathematics Requirement		Credits:
MATH 170	Calculus I	4
MATH 180	Calculus II	4
		Total: 8 Credits

Mathematics Elective (choose one)		Credits:
MATH 235	Applied Statistics	3
MATH 310	Linear Algebra	3
		Total: 3 Credits

Physics		Credits:
PHYS 170	General Physics I	4
	—OR—	
PHYS 175	General Physics for Pre-Med I	5
PHYS 180	General Physics II	4
	—OR—	
PHYS 185	General Physics for Pre-Med II	5
		Total: 8–10 Credits

Pharmaceutical Studies		Credits:
CHEM 420	Pharmaceutical Chemistry	3
CHEM 440	Drug Discovery	3
		Total: 6 Credits

Project Lab or Research (choose one)		Credits:
CHEM 48X	Research Project Lab choice	3
CHEM 493	Independent Research III	3
CHEM 494	Independent Research IV	4
		Total: 3–4 Credits

General Electives	Credits:
	Total: 6–9 Credits

Total Required Credits = 121–124

Curriculum Requirements for B.S. in Life Sciences, Osteopathic

Medicine Option

General Education

Foundations		Credits:
FCWR 101	Writing I: Foundations of College Composition	3
FCWR 151	Writing II: Foundations of Research Writing	3
FCWR 302	Communication for Healthcare Careers	3
		Total: 9 Credits

Data Literacy		Credits:
DATA 101	Making Sense of a Data-Oriented Society	3

Seminars (select courses from at least three of the four areas)		Credits:
ICLT 3XX	Literature choice	3
ICPH 3XX	Philosophy choice	3
ICSS 3XX	Social Science choice	3
ICBS 3XX	Behavioral Science choice	3
		Total: 12 Credits

Students must take four seminar courses from at least three different areas of study.

Math and Science		Credits:
MATH 170	Calculus I	4
BIOL/CHEM 3XX	Any 300-level BIOL or CHEM course	3
		Total: 7 Credits

Major Requirements

Life Sciences		Credits:
BIOL 110	General Biology I	4
BIOL 150	General Biology II	4
BIOL 155	Osteopathic Principles and Practices	1
BIOL 210	Human Gross Anatomy	4
BIOL 233	Genetics**	4
BIOL 235	Microbiology	4
BIOL 250	Biostatistics	3
BIOL 310	Human Physiology	4
BIOL 340	Biochemistry	4
BIOL 395	Introduction to Research Literature	3
CHEM 110	General Chemistry I	4

CHEM 150	General Chemistry II	4
CHEM 210	Organic Chemistry I	4
CHEM 250	Organic Chemistry II	4
HSCI 420	Biomedical Ethics	3
		Total: 54 Credits

** BIOL 335 Genetics also counts towards this requirement.

Physics		Credits:
PHYS 175	Physics for Pre-Med I	5
PHYS 185	Physics for Pre-Med II	5
		Total: 10 Credits

Science Electives		Credits:
BIOL/CHEM/PHYS XXX	Elective must be 300- or 400-level.	3 or 4

General Electives		Credits:
	Consult with advisor on elective choices.	12

PSYC 101 and SOCI 101 courses are **strongly recommended** for proper MCAT preparation, and can be applied towards six (6) credits of the general elective degree requirement.

Total credits required = 110–111*

* When a student successfully completes the first year of NYITCOM, 15 credits completed at the medical school will be applied to the bachelor's degree. If a student does not successfully complete the first year of medical school, but has successfully completed some of the coursework, the student may complete a waiver to apply up to 15 successfully completed credits to the bachelor's degree. B.S./D.O. students are required to meet a semester GPA of a 3.5 or higher.

College of Arts and Sciences Curriculum

Curriculum Requirements for B.S. in Life Sciences, Physical Therapy Option

General Education

Foundations		Credits:
FCWR 101	Writing I: Foundations of College Composition	3
FCWR 151	Writing II: Foundations of Research Writing	3
FCWR 302	Communication for Healthcare Careers	3
		Total: 9 Credits

Data Literacy		Credits:
DATA 101	Making Sense of a Data-Oriented Society	3

Seminars (select courses from at least three of the four areas)		Credits:
ICLT 3XX	Literature choice	3
ICPH 3XX	Philosophy choice	3
ICSS 3XX	Social Science choice	3
ICBS 3XX	Behavioral Science choice	3
		Total: 12 Credits

Students must take four seminar courses from at least three different areas of study.

Math and Science		Credits:
MATH 141	Precalculus	4
BIOL 110	General Biology I	4
		Total: 8 Credits

Major Requirements

Life Sciences		Credits:
BIOL 150	General Biology II	4
BIOL 210	Human Gross Anatomy	4
BIOL 310	Human Physiology	4
BIOL 235	Microbiology	4
CHEM 110	General Chemistry I	4
CHEM 150	General Chemistry II	4
CHEM 215	Bio-Organic Chemistry	4
		Total: 28 Credits

Behavioral Sciences		Credits:
PSYC 101	Introductory Psychology	3
PSYC 210	Statistical Analysis	4
PSYC 310	Abnormal Psychology	3
		Total: 10 Credits

Health Sciences		Credits:
HSCI 195	Professional and Cultural Issues in Health	3
		Total: 3 Credits

Mathematics		Credits:
MATH 161	Basic Applied Calculus	3
		Total: 3 Credits

Physics		Credits:

PHYS 140	Physics for Life Sciences I	3
PHYS 141	Physics I Laboratory	1
PHYS 160	Physics for Life Sciences II	3
PHYS 161	Physics II Laboratory	1
		Total: 8 Credits

General Electives		Credits:
	Consult with advisor on any electives.	6

B.S. degree credits to be completed within the Doctor of Physical Therapy program		Credits:
PHTH 601	Introduction to Physical Therapy	1
PHTH 603	Gross Anatomy	5
PHTH 605	Kinesiology	4
PHTH 607	Neuroscience	3
PHTH 610	Biomechanics	2
PHTH 615	Modalities	3
PHTH 620	Massage	1
PHTH 626	Physical Therapy Practice I	4
PHTH 630	Motor Learning	2
PHTH 635	Rehab/ADL	2
PHTH 640	Administration and Delivery of Health Care	2
PHTH 645	Seminar in Physical Therapy I	1
PHTH 650	Seminar in Physical Therapy II	4
PHTH 655	Prosthetics and Orthotics	2
PHTH 665	Pathophysiology	3
		Total: 39 Credits

Total Required Credits = 129

College of Arts and Sciences Curriculum

Curriculum Requirements for B.S. in Life Sciences, Doctorate in Occupational Therapy Option

General Education

Foundations		Credits:
FCWR 101	Writing I: Foundations of College Composition	3
FCWR 151	Writing II: Foundations of Research Writing	3
FCWR 302	Communication for Healthcare Careers	3

		Total: 9 Credits

Data Literacy		Credits:
DATA 101	Making Sense of a Data-Oriented Society	3

Behavioral Science Core		Credits:
ICBS 309	Anthropological Approaches to Health Seminar	3

Seminars (select courses from at least two of the four areas)		Credits:
ICBS 3XX	Behavioral Science choice	3
ICLT 3XX	Literature choice	3
ICPH 3XX	Philosophy choice	3
ICSS 3XX	Social Science choice	3
		Total: 9 Credits

Students must take three seminar courses from at least two different areas of study. Students may not take more than one course in Behavioral Sciences (ICBS).

Math and Science Core		Credits:
Math 141	Precalculus	4
BIOL 110	General Biology I	4
		Total: 8 Credits

Major Requirements

Biological and Chemical Sciences		Credits:
BIOL 150	General Biology II	4
BIOL 210	Human Gross Anatomy	4
BIOL 260	Nutrition and Diet Therapy	3
BIOL 310	Human Physiology	4
BIOL 312	Pathophysiology	3
BIOL 315	Neuroscience	3
CHEM 105	Applied Chemistry	3
CHEM 215	Bio-Organic Chemistry	4
		Total: 28 Credits

Behavioral Sciences Requirements		Credits:
ANTH 101	Anthropology	3
PSYC 101	Introductory Psychology	3
PSYC 210	Statistical Analysis	4
PSYC 310	Abnormal Psychology	3

		Total: 13 Credits

Behavioral Sciences Elective (choose one)		Credits:
PSYC 220	Child Psychology	3
PSYC 221	Human Development	3
PSYC 223	Adolescent Psychology	3
PSYC 225	Psychology of Adulthood and Aging	3
		Total: 3 Credits

Health Sciences		Credits:
HSCI 195	Professional and Cultural Issues in Health	3
		Total: 3 Credits

Mathematics and Physics		Credits:
MATH 161	Basic Applied Calculus	3
PHYS 140	Physics for Life Sciences I	3
PHYS 141	Physics I Laboratory	1
		Total: 7 Credits

General Electives		Credits:
	Consult with advisor on any electives.	3

Science Electives		Credits:
	Consult with advisor on any electives.	3

Undergraduate Credits = 92

B.S./OTD students must complete the first year of the professional phase of the Doctor of Occupational Therapy program to be awarded the B.S.

Total Required Credits for B.S. Degree = 129

College of Arts and Sciences Curriculum

Curriculum Requirements for B.S. in Life Sciences, Masters in Occupational Therapy Option

General Education

Foundations		Credits:
FCWR 101	Writing I: Foundations of College Composition	3
FCWR 151	Writing II: Foundations of Research Writing	3

FCWR 302	Communication for Healthcare Careers	3
		Total: 9 Credits

Data Literacy		Credits:
DATA 101	Making Sense of a Data-Oriented Society	3

Behavioral Science Core		Credits:
ICBS 309	Anthropological Approaches to Health Seminar	3

Seminars (select courses from at least two of the four areas)		Credits:
ICBS 3XX	Behavioral Science choice	3
ICLT 3XX	Literature choice	3
ICPH 3XX	Philosophy choice	3
ICSS 3XX	Social Science choice	3
		Total: 9 Credits

Students must take three seminar courses from at least two different areas of study. Students may not take more than one course in Behavioral Sciences (ICBS).

Math and Science		Credits:
MATH 141	Precalculus	4
BIOL 110	General Biology I	4
		Total: 8 Credits

Major Requirements

Life Sciences		Credits:
BIOL 150	General Biology II	4
BIOL 210	Human Gross Anatomy	4
BIOL 260	Nutrition and Diet Therapy	3
BIOL 310	Human Physiology	4
BIOL 312	Pathophysiology	3
BIOL 315	Neuroscience	3
CHEM 105	Applied Chemistry	3
CHEM 215	Bio-Organic Chemistry	4
		Total: 28 Credits

Behavioral Sciences Requirement		Credits:
ANTH 101	Anthropology	3
PSYC 101	Introductory Psychology	3
PSYC 210	Statistical Analysis	4
PSYC 310	Abnormal Psychology	3

		Total: 13 Credits

Behavioral Sciences Elective (choose one)		Credits:
PSYC 220	Child Psychology	3
PSYC 221	Human Development	3
PSYC 223	Adolescent Psychology	3
PSYC 225	Psychology of Adulthood and Aging	3
		Total: 3 Credits

Health Sciences		Credits:
HSCI 195	Professional and Cultural Issues in Health	3
		Total: 3 Credits

Mathematics and Physics		Credits:
MATH 161	Basic Applied Calculus	3
PHYS 140	Physics for Life Sciences I	3
PHYS 141	Physics I Laboratory	1
		Total: 7 Credits

General Electives		Credits:
	Consult with advisor on any electives.	3

Science Electives		Credits:
	Consult with advisor on any electives.	3

Undergraduate Credits = 92

B.S./M.S. students must complete the first year of the professional phase of the Master of Science in Occupational Therapy program to be awarded the B.S.

Total Required Credits for B.S. Degree = 129

College of Arts and Sciences Curriculum

Curriculum Requirements for B.S. in Life Sciences, Physician Assistant Studies Option

General Education

Foundations		Credits:
FCWR 101	Writing I: Foundations of College Composition	3
FCWR 151	Writing II: Foundations of Research Writing	3

FCWR 302	Communication for Healthcare Careers	3
		Total: 9 Credits

Data Literacy		Credits:
DATA 101	Making Sense of a Data-Oriented Society	3

Seminars (select courses from at least three of the four areas)		Credits:
ICLT 3XX	Literature choice	3
ICPH 3XX	Philosophy choice	3
ICSS 3XX	Social Science choice	3
ICBS 3XX	Behavioral Science choice	3
		Total: 12 Credits

Students must take four seminar courses from at least three different areas of study.

Math and Science		Credits:
MATH 141	Precalculus	4
BIOL 110	General Biology I	4
		Total: 8 Credits

Major Requirements

Life Sciences		Credits:
BIOL 150	General Biology II	4
BIOL 210	Human Gross Anatomy	4
BIOL 235	Microbiology	4
BIOL 245	Histology	4
BIOL 260	Nutrition and Diet Therapy	3
BIOL 310	Human Physiology	4
BIOL 312	Pathophysiology	3
BIOL 233	Genetics*	4
BIOL 340	Biochemistry	4
BIOL 456	Pharmacology	3
CHEM 110	General Chemistry I	4
CHEM 150	General Chemistry II	4
CHEM 210	Organic Chemistry I	4
		Total: 49 Credits

* BIOL 335 Genetics also counts towards this requirement.

Behavioral Sciences		Credits:
PSYC 101	Introductory Psychology	3
PSYC 210	Statistical Analysis	4

PSYC 310	Abnormal Psychology	3
		Total: 10 Credits
Health Sciences		Credits:
HSCI 195	Professional and Cultural Issues in Health	3
		Total: 3 Credits
Physics		Credits:
PHYS 140	Physics for Life Sciences I	3
PHYS 141	Physics I Laboratory	1
		Total: 4 Credits
General Electives		Credits:
	Consult with advisor on any electives.	3

Undergraduate Credits = 101

B.S./M.S. students must complete the first year of the professional phase of the Master of Science in Physician Assistant Studies program to be awarded the B.S.

Total Required Credits for B.S. Degree = 120

College of Arts and Sciences

Interdisciplinary Studies

The Interdisciplinary Studies program offers a flexible, self-designed degree that educates students for a wide variety of careers and graduate

studies. It is particularly suitable for students interested in combining more than one discipline and in integrating knowledge from across various fields. The program requires students to take courses in two disciplinary concentrations as well as interdisciplinary core courses that help them draw connections between their selected areas. A degree that integrates and develops competencies in several disciplines may be the best preparation for the shifting demands of the modern workplace.

The wealth of elective and online credits available in Interdisciplinary Studies affords excellent opportunities for students with prior learning experience (transfer students, veterans, and working adults) who need to complete their degrees in a compressed period of time. Transfer credits or prior life experience may also convert to New York Institute of Technology credits for a faster graduation date.

Furthermore, the flexibility of the Interdisciplinary Studies program is also ideal for students who would like to switch majors, since students' pre-professional credits from other university programs would count toward this degree, ensuring a timely graduation even if a student has spent one or two years in a different disciplinary track.

Program Components

Students in the program are paired with a faculty advisor, and together they design the student's degree map. The course of study is built around a required liberal arts core curriculum (36 credits), which introduces students to the various areas of study at the college. In addition to the core courses, each student selects two subject areas of concentration, taking at least 15 credits in each area. The 45 remaining elective credits are chosen to complete and complement the student's individual degree plan. An additional 15 elective credits may be taken in one of these areas of concentration (for a total of 30 credits), and an additional three elective credits in each of the two areas (for a total of 18 credits in each). To stay competitive, highly motivated students may decide to add a third concentration (15 credits), and/or a minor to the degree. Students may have a maximum of three concentrations and two minors. Students who select a concentration that is also offered as a minor at New York Tech, may not add that same minor to their degree.

Interdisciplinary Studies has two required courses offered by the program:

1. Foundations of Interdisciplinary Research (IDSP 310) introduces students to the historical contexts of Interdisciplinary Studies and the development of academic disciplines.
2. The Capstone Seminar (IDSP 410) concludes the college experience by involving students in research activities related to their concentrations.
    - Instead of the Capstone Seminar, students can complete an Internship (IDSP 450) or a Senior Project with a faculty member (IDSP 403).

Areas of concentration may be selected from the following categories. Program advisors have a full list of courses that can be used to fulfill these concentrations:

- Architecture and Design
- Behavioral Sciences
- Biological and Chemical Sciences
- Biology
- Business
- Digital Art and Design
- English
- Finance
- Health Sciences
- Humanities*
- Information Technology
- Management
- Marketing
- Mathematics/Physics
- Medical Humanities
- Psychology
- Self-Designed Concentration
- Social Sciences
- Technical and Professional Communication
- Technology

* The humanities concentration may include courses in such areas as literature, philosophy, art history, architectural history, or film history.

The program in Interdisciplinary Studies offers three degrees:

- Bachelor of Arts
- Bachelor of Science
- Bachelor of Professional Studies

Although all students complete the same core courses, individual degree plans differ significantly:

- Students who complete at least 75 percent (90 credits or more) of liberal arts courses will be granted the Bachelor of Arts.
- Those who complete at least 50 percent (60–89 credits) of liberal arts courses will be awarded the Bachelor of Science.

- The Bachelor of Professional Studies is granted to those students with fewer than 60 credits of liberal arts courses.

This program follows our general admission requirements.

Application Materials

- Completed application
- $50 nonrefundable application fee
- Copies of transcripts of all high school work, including college-level courses. Your midyear and final grades will be required. All final, official transcripts must be received prior to the start of your first semester.
- First-time, first-year applicants may choose to submit their application without standardized test scores to be considered for admission to New York Institute of Technology. You also have the option of submitting test results if you feel your academic strength is best reflected by your scores:
  - SAT Code: 2561, ACT Code: 2832
- Two letters of recommendation

- 300–350 word essay on one of the following topics:

  - Tell us about your career goals and why attending New York Tech would further these goals.
  - Describe the achievement of which you are most proud and why.

International Students Special Requirements

College of Arts and Sciences Curriculum

Curriculum Requirements for Bachelor's Degree in Interdisciplinary Studies

General Education

Foundations		Credits:
FCWR 101	Writing I: Foundations of College Composition	3
FCWR 151	Writing II: Foundations of Research Writing	3
FCWR 3XX	Professional Communication choice	3
		Total: 9 Credits

Data Literacy		Credits:
DATA 101	Making Sense of a Data-Oriented Society	3

Seminars (select courses from at least three of the four areas)		Credits:
ICBS 3XX	Behavioral Science choice	3
ICLT 3XX	Literature choice	3
ICPH 3XX	Philosophy choice	3
ICSS 3XX	Social Science choice	3
		Total: 12 Credits

Students must take four seminar courses from at least three different areas of study.

Math and Science	Credits:

	Mathematics choice	3
	BIOL, CHEM, or PHYS choice	6
		Total: 9 Credits

Major Requirements

Interdisciplinary Studies Requirement		Credits:
IDSP 310	Foundations of Interdisciplinary Research	3
		Total: 3 Credits

Interdisciplinary Studies Capstone Elective (choose one)		Credits:
IDSP 410	Capstone Seminar	3
IDSP 450	Internship[1]	3
IDSP 403	Senior Project	3
		Total: 3 Credits

[1] Students may substitute internship from another department with chairperson's permission if internship is three credits and in an area of concentration.

Interdisciplinary Studies Concentrations		Credits:
	Concentration Credits[2]	30

[2] At least 30 credits in two permitted areas of concentration, with a minimum of 15 credits in each area and at least one 300-level course in one concentration. Up to 15 additional elective credits in the first area (a possible total of 30 credits) will count toward the IDSP degree; up to three (3) additional elective credits in the other area (a possible total of 18 credits). A third concentration (15 credits) or a minor can be added. Students may have a maximum of three concentrations and two minors.

Concentrations:
Architecture and Design; Behavioral Sciences; Biological and Chemical Sciences; Biology; Business; Digital Art and Design; English; Finance; Health Sciences; Humanities; Information Technology; Management; Marketing; Mathematics/Physics; Medical Humanities; Psychology; Self-Designed Concentration; Social Sciences; Technical and Professional Communication; and Technology.

General Electives		Credits:
	Electives must be chosen in consultation with advisor and in the context of concentration restrictions.	51

Students may elect to take IDSP 101 Interdisciplinary Career Development in lieu of an elective.

Total Required Credits = 120

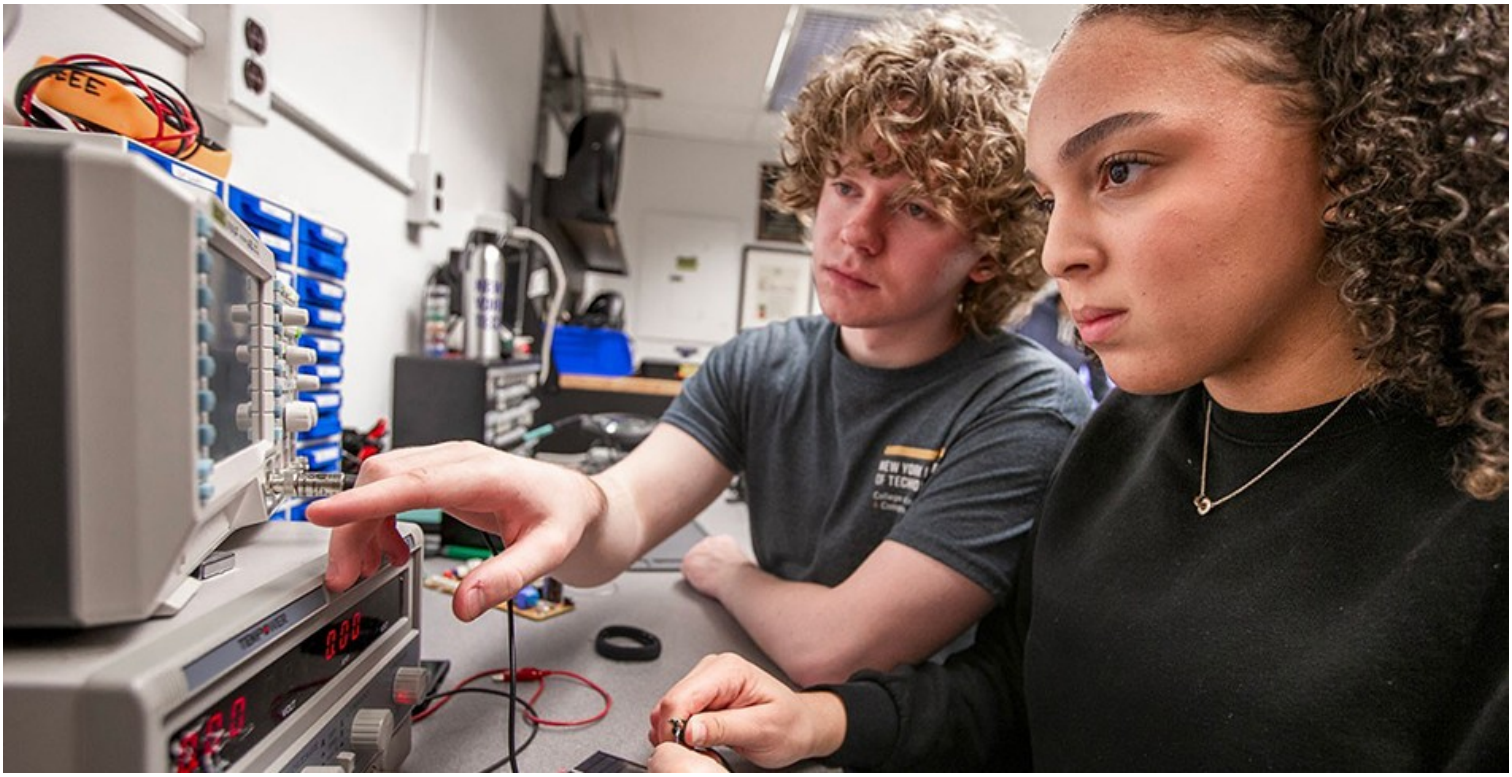
The specific type of bachelor's degree is dependent upon the percent of liberal arts credits completed:

Bachelor of Arts
Requires 75% Liberal Arts (90 credits out of 120)

Bachelor of Science
Requires 50% Liberal Arts (60 credits out of 120)

Bachelor of Professional Studies
Requires 25% Liberal Arts (30 credits out of 120)

Physics



This Bachelor of Science in Physics program advances New York Tech's mission of providing students a career-oriented professional education and promoting economic mobility. It will open up lucrative career options for graduates in the physical sciences and in booming fields like data science and quantitative finance, which prize the problem-solving and mathematical-modeling skills a Physics degree provides. The optional Quantum Informatics concentration will further train graduates to be uniquely competitive in the emerging area of quantum technology. Student interest in Physics is strong with students involved in research projects (ranging from astrophysics and string theory to quantum computing), and recently a group of students launched a Quantum Research Group for self-study in quantum computing and quantum information.

Program Objectives

1. Students will develop analytical and critical thinking skills to analyze complex physical systems using the integrated core materials provided by the program.
2. Students will develop skills to identify, formulate, articulate and solve problems in physics and in other quantitative fields like data science and finance.

International F-1 students who successfully complete this degree are eligible for an additional 24-month STEM OPT extension to work in the U.S. in an area directly related to their area of study immediately upon completing the customary 12-month post-completion Optional Practical Training (OPT).

This program follows our general admission requirements.

Application Materials

- Completed application
- $50 nonrefundable application fee
- Copies of transcripts of all high school work, including college-level courses. Your midyear and final grades will be required. All final, official transcripts must be received prior to the start of your first semester.
- First-time, first-year applicants may choose to submit their application without standardized test scores to be considered for admission to New York Institute of Technology. You also have the option of submitting test results if you feel your academic strength is best reflected by your scores:
    - SAT Code: 2561, ACT Code: 2832
- Two letters of recommendation

- 300–350 word essay on one of the following topics:
    - Tell us about your career goals and why attending New York Tech would further these goals.
    - Describe the achievement of which you are most proud and why.

International Students Special Requirements

Curriculum Requirements for Bachelor of Science in Physics

General Education

Foundations		Credits:
FCWR 101	Writing I: College Composition	3
FCWR 151	Writing II: Research Writing	3
FCWR 3XX	Professional Communication choice	3
		Total: 9 Credits

Data Literacy		Credits:
DATA 101	Making Sense of a Data-Oriented Society	3

Seminars (select courses from at least three of the four areas)		Credits:
ICBS 3XX	Behavioral Science choice	3
ICLT 3XX	Literature choice	3
ICPH 3XX	Philosophy choice	3
ICSS 3XX	Social Science/Economics choice*	3
		Total: 12 Credits

Students must take four seminar courses from at least three different areas of study.

* May be substituted for IENG 400 Technology and Global Issues

Core Math and Science Requirement		Credits:
MATH 170	Calculus I	4
PHYS 170	General Physics I	4
		Total: 8 Credits

Major Requirements

Physics		Credits:
PHYS 180	General Physics II	4
PHYS 225	Introduction to Modern Physics	3
PHYS 226	Introduction to Modern Physics Lab	1

PHYS 320	Quantum Physics	4
PHYS 331	Advanced Physics Laboratory I	3
PHYS 341	Analytical Physics	4
PHYS 371	Electricity and Magnetism I	4
PHYS 390	Statistical Mechanics	4
PHYS 451	Mathematical Methods in Physics	4
PHYS 490	Special Topics**	2
		Total: 35 Credits

** PHYS 490 Special Topics must be taken twice, over two semesters.

Mathematics		Credits:
MATH 180	Calculus II	4
MATH 260	Calculus III	4
MATH 310	Linear Algebra	3
MATH 320	Differential Equations	3
MATH 350	Advanced Calculus	3
		Total: 17 Credits

Students may choose General Concentration or Quantum Informatics Concentration:

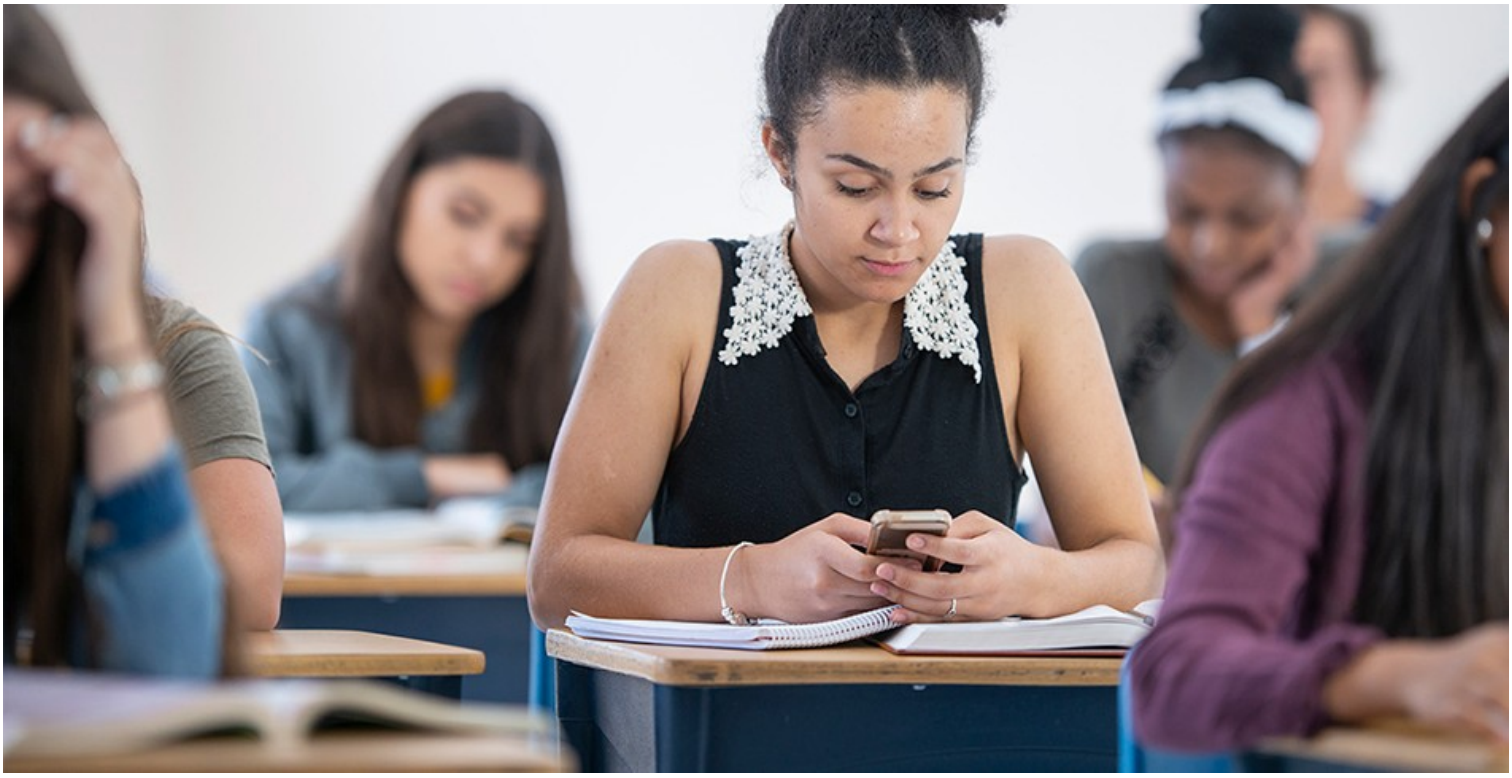
General Concentration		Credits:
Physics Electives	Consult with advisor on all science electives	15
General Electives	Consult with advisor on all liberal arts electives	21
		Total: 36 Credits

Quantum Informatics Concentration		Credits:
PHYS 420	Quantum Mechanics II	3
PHYS 440	Quantum Optics	3
PHYS 470	Introduction to Solid State Physics	3
PHYS 480	Quantum Computing and Information Theory	3
Physics Electives	Consult with advisor on all science electives	6
General Electives	Consult with advisor on all liberal arts electives	18
		Total: 36 Credits

Total Program Credits = 120

College of Arts and Sciences

Psychology



The undergraduate degree in psychology provides an overview of the key concepts and theories of the major perspectives of psychology (biological, developmental, social, cognitive, and clinical psychology). Students demonstrate their knowledge gained in their psychology classes to practical situations through various written, oral, and/or role-playing assignments.

Undergraduate training is offered through both entry-level and advanced courses, which provide career-related internships (e.g. field placement) and firsthand research experience (e.g. research methods). Students are offered the opportunity to work closely with faculty on research projects to get firsthand experience in the field. These programs prepare students for a variety of careers in clinical, social, educational, and industrial environments.

Traditional courses, online courses, and summer courses are offered.

International F-1 students who successfully complete this degree are eligible for an additional 24-month STEM OPT extension to work in the U.S. in an area directly related to their area of study immediately upon completing the customary 12-month post-completion Optional Practical Training (OPT).

Graduates

Graduates become eligible for positions such as human relations specialist, caseworker, or psychological technician. Similarly, graduates are prepared by means of these programs for postgraduate study and advanced training in the fields of psychology, social work, counseling, and law.

Research Opportunities

Students are encouraged to get involved in psychology research as Undergraduate Research Assistants. These opportunities allow students to participate in designing experiments, collecting and analyzing data, preparing and authoring manuscripts, and presenting their research at both national and international conferences. Research opportunities are available in the fields of social-developmental psychology, cognitive psychology, and the psychology of teaching and learning. Please contact Dr. Robert Alexander at ralexa04@nyit.edu for more information.

DEPARTMENT ACTIVITIES

Behavioral Science Club

The Behavioral Science Club aims to engage students in various events (e.g. guest speakers, field trips) throughout the semester related to Psychology and the Behavioral Science field. Being part of the Behavioral Science Club allows students to be part of a club where they can connect with other students and build a sense of community around the Behavioral Sciences.

Psi Chi

Founded in 1929 with a mission of encouraging and maintain excellence in scholarship while advancing the science of psychology, Psi Chi has chapters at more than 1,000 colleges in the United States and Canada. New York Tech's Psi Chi chapter was established in 1974. For more information, email chapter advisor Dina Karafantis at dkarafan@nyit.edu.

Combined Programs

The Department of Psychology and Counseling offers a **Combined Psychology, B.S./School Counseling, M.S.** program that will enable the student to achieve B.S./M.S. degrees in five years. You will matriculate from an undergraduate major to a graduate candidate after your third year. After completing the program, you will be prepared to apply for a Provisional Certificate in School Counseling.

We also offer an **Accelerated B.S. in Psychology/M.S. in Mental Health Counseling** program. This is very similar to the combined program in that students complete their first three years as a psychology major, but then they must apply to the graduate program in Mental Health Counseling in the spring of their junior year. Students take a combination of undergraduate and graduate courses in their fourth year before transitioning to the M.S. in Mental Health Counseling program.

This program follows our general admission requirements.

Application Materials

- Completed application
- $50 nonrefundable application fee
- Copies of transcripts of all high school work, including college-level courses. Your midyear and final grades will be required. All final, official transcripts must be received prior to the start of your first semester.
- First-time, first-year applicants may choose to submit their application without standardized test scores to be considered for admission to New York Institute of Technology. You also have the option of submitting test results if you feel your academic strength is best reflected by your scores:
  - SAT Code: 2561, ACT Code: 2832
- Two letters of recommendation
- 300–350 word essay on one of the following topics:
  - Tell us about your career goals and why attending New York Tech would further these goals.
  - Describe the achievement of which you are most proud and why.

International Students Special Requirements

Transition to the School Counseling Program

After completing the undergraduate portion of the degree program in psychology in three years, you may be admitted directly into the M.S. in School Counseling program provided you meet the following requirements:

- Undergraduate GPA of 3.2 or above through the fall semester of your junior year
- Submit three reference forms from undergraduate instructors and/or advisors that attest to your ability to succeed both academically and professionally in a field that requires leadership, social justice advocacy skills, and a strong ability to collaborate. Goal Statement: In 250 words or less, describe how your career path has led you to the school counseling profession. What excites you about working as a school counselor?
- Complete and submit the Statement of Understanding form
- Group interview with graduate applicants, conducted in the spring of junior year. Schedule with the department office at 212.261.1529.

College of Arts and Sciences Curriculum

Curriculum Requirements for Bachelor of Science in Psychology

General Education

Foundations		Credits:
FCWR 101	Writing I: Foundations of College Composition	3
FCWR 151	Writing II: Foundations of Research Writing	3
FCWR 3XX	Professional Communication choice	3

		Total: 9 Credits

Data Literacy		Credits:
DATA 101	Making Sense of a Data-Oriented Society	3

Seminars (select courses from at least three of the four areas)		Credits:
ICBS 3XX	Behavioral Science choice	3
ICLT 3XX	Literature choice	3
ICPH 3XX	Philosophy choice	3
ICSS 3XX	Social Science choice	3
		Total: 12 Credits

Students must take four seminar courses from at least three different areas of study.

Mathematics		Credits:
MATH 115	Introductory Concepts of Mathematics	3

Sciences		Credits:
	BIOL, CHEM, or PHYS course	3
	Any science course	3
		Total: 6 Credits

Major Requirements

Behavioral Sciences Core		Credits:
PSYC 101	Introduction to Psychology	3
PSYC 120	Career Development in Psychology	3
PSYC 205	Theories of Personality	3
PSYC 210	Statistical Analysis	4
PSYC 251	Measurement Concepts	3
PSYC 310	Abnormal Psychology	3
PSYC 370	Introductory Research Methods	4
PSYC 410	Physiological Basis of Behavior	3
SOCI 101	Introduction to Sociology	3
	Behavioral Science Elective	3
		Total: 32 Credits

Psychology (select any six)		Credits:
ANTH 101	Introduction to Anthropology	3
PSYC 220	Child Psychology	3
PSYC 221	Human Development	3
PSYC 223	Adolescent Psychology	3

PSYC 240	Educational Psychology	3
PSYC 245	Learning Theory	3
PSYC 260	Social Psychology	3
PSYC 270	Cognitive Psychology	3
PSYC 321	Sports and Exercise Psychology	3
PSYC 330	Communication and Interviewing Techniques	3
PSYC 335	Personnel Psychology	3
PSYC 338	Health Psychology	3
PSYC 425	Introduction to Counseling	3
PSYC 431, 432, 440, 443, or 445	Seminar	3
		Total: 18 Credits

General Electives	Credits:
	39

Total Required Credits = 122

College of Arts and Sciences Curriculum

Curriculum Requirements for Combined Psychology, B.S./School Counseling, M.S.

General Education

Foundations		Credits:
FCWR 101	Writing I: Foundations of College Composition	3
FCWR 151	Writing II: Foundations of Research Writing	3
FCWR 301	Communication for Business	3
		Total: 9 Credits

Data Literacy		Credits:
DATA 101	Making Sense of a Data-Oriented Society	3

Seminars (select courses from at least three of the four areas)		Credits:
ICBS 3XX	Behavioral Science choice	3
ICLT 3XX	Literature choice	3
ICPH 3XX	Philosophy choice	3
ICSS 3XX	Social Science choice	3
		Total: 12 Credits

Students must take four seminar courses from at least three different areas of study.

Mathematics		Credits:
MATH 115	Introductory Concepts of Mathematics	3

Sciences		Credits:
	BIOL, CHEM, or PHYS course	3
	Any science course	3
		Total: 6 Credits

Major Requirements

Behavioral Sciences Core		Credits:
PSYC 101	Introduction to Psychology	3
PSYC 120	Career Development in Psychology	3
PSYC 205	Theories of Personality	3
PSYC 210	Statistical Analysis	4
PSYC 251	Measurement Concepts	3
PSYC 310	Abnormal Psychology	3
PSYC 370	Introductory Research Methods	4
PSYC 410	Physiological Basis of Behavior	3
SOCI 101	Introduction to Sociology	3
	Behavioral Science Elective	3
		Total: 32 Credits

Psychology (select any four)		Credits:
ANTH 101	Introduction to Anthropology	3
PSYC 220	Child Psychology	3
PSYC 221	Human Development	3
PSYC 223	Adolescent Psychology	3
PSYC 240	Educational Psychology	3
PSYC 245	Learning Theory	3
PSYC 260	Social Psychology	3
PSYC 270	Cognitive Psychology	3
PSYC 321	Sports Psychology	3
PSYC 330	Communication and Interviewing Techniques	3
PSYC 335	Personnel Psychology	3
PSYC 338	Health Psychology	3
PSYC 425	Introduction to Counseling	3
PSYC 431, 432, 440, 443, or 445	Seminar	3
		Total: 12 Credits

General Electives		Credits:
	Choose electives in consultation with academic advisor.	27

B.S. degree credits to be completed within the Master of Science in School Counseling		Credits:
EDCO 600	Introduction to School Counseling	3
EDCO 601	Human Development	3
EDCO 615	Foundations of Counseling	3
EDCO 620	Group Counseling, Leadership and Facilitation Skills	3
EDCO 705	Career Counseling and Lifestyle Development	3
EDCO 870	Field Practicum and Seminar	3
		Total: 18 Credits

Total B.S. Required Credits = 122

Master of Science in School Counseling		Credits:
	Additional credits to be completed within the School Counseling, M.S. program.	42

Total Combined Credit Requirement = 164

College of Arts and Sciences

Minor in Chemistry

A minor in chemistry will provide students with the skills and experiences that will prepare them for a variety of careers and continuing their education in professional schools. Students will have the freedom to select courses in chemistry that will prepare them to do, make, innovate, and reinvent the future in industrial, governmental, or non-profit/activism organizations. Specific career paths include environmental protection and policy, public health and safety, quality control and regulation, pharmaceutical sales, or forensics and toxicology. Students seeking advanced degrees in medicine, dentistry, law, or the biological sciences will broaden their knowledge base and enhance their credentials for the next steps in their career.

Students in the program will be able to apply critical thinking and problem solving skills to integrate chemical concepts to propose and test independent hypotheses as a part of an interdisciplinary team. Students will be able to demonstrate effective written, oral, and electronic communication skills to relate their ideas and findings to both peers and the public at large. Students will gain laboratory skills including the use of common instruments, experimental design, data analysis and interpretation, and the application of chemical safety and hygiene.

This new minor will allow students to continue their study of chemistry beyond what is required for their chosen major, opening opportunities for scholarship by allowing students to pursue cross-disciplinary research in topics like biological chemistry, computational chemistry, chemical physics, and pharmaceutical sciences. Students will also be exposed to research in organic, analytical, physical, inorganic or environmental chemistry research with our chemistry faculty.

The goal of the chemistry minor is to enhance the skills and knowledge base of students to aid in their transition from an undergraduate program to advanced STEM programs and STEM careers. By the time students complete a minor in chemistry, they will be able to demonstrate a mastery of the major concepts and principles of chemistry, and will be able to address how the principles of chemistry relate to the larger world, including the impact of chemical discoveries on social, environmental, economic, and medically related issues.

To complete a chemistry minor, students will be required to take at least 15 credits at the 200-level or above. At least nine of these credits must be taken beyond the chemistry requirement of their chosen major. Students majoring in other sciences, such as biology, biotechnology, physics, or biomedical engineering will have the opportunity to earn a chemistry minor during their time at New York Tech. Students pursuing other STEM majors—or who have the ultimate goal of medical school—may also find it beneficial to complete the minor in chemistry.

College of Arts and Sciences Curriculum

Curriculum Requirements for Minor in Chemistry

Minor Requirements

Choose 15 credits total		Credits:
CHEM 210	Organic Chemistry I	4
CHEM 250	Organic Chemistry II	4
CHEM 310	Quantitative Analysis	4
CHEM 320	Environmental Chemistry	3
CHEM 350	Instrumental Analysis	3
CHEM 410	Physical Chemistry I	4
CHEM 420	Pharmaceutical Chemistry	3
CHEM 450	Physical Chemistry II	4
CHEM 455	Computational Chemistry	3
CHEM 470	Inorganic Chemistry	3

At least nine credits must be taken beyond the chemistry requirement of the chosen major.

Total Program Credits = 15

College of Arts and Sciences

Minor in Civic Engagement

The Minor in Civic Engagement promotes the values central to higher education in democracies, including fostering a respect for diverse perspectives, freedom of speech and assembly, diplomacy, and representative governance. This minor prepares students for the inevitable connection between a successful professional life and active participation in public life. Civic engagement enhances professional identity and prospects, and the networking opportunities provided in the minor align with the values and goals connected to the university's mission, including that our graduates will "contribute to local and global communities through social and professional relationships." In their public and private lives, students encounter an increasingly polarized public sphere in which we find credibility and accountability frequently questioned, and they require an education that fosters critical thinking and exchange over ideological orthodoxy and intolerance to diverse views.

Large proportions of employers agree that all students, regardless of their chosen field of study, should gain an understanding of democratic institutions and values; take courses that build the civic knowledge, skills, and judgment essential for contributing to a democratic society; acquire broad knowledge in the liberal arts and sciences; and gain intercultural skills and an understanding of societies outside the United States. Our Minor in Civic Engagement allows students to articulate and activate this strength through experiential learning with community partners and solid academic grounding in the historical, creative, political, and scientific issues connected to their selected civic engagement interest. The minor will provide transferable skills that will enhance their attractiveness to future employers. Students can design a plan with coursework and experiential learning projects suitable for professional and personal goals and values. These skills include networking, problem-solving, teamwork, cultural competency, commitment to continuous self-examination, relationship building, and integrated leadership.

The Civic Engagement minor fulfills a desire for service-learning programs with strong connection to academic coursework by providing a problem-solving, community-based education informed by a solid background in social theory, history, technology, and culture. The minor is open to students of all majors. In addition to taking one three-credit ICLT course to satisfy the General Education requirement and a writing workshop capstone course, students will take one additional course from each of three areas: Creative/Cultural Expression, History/Politics/Government, and Science/Technology, for a total of 15 credits.

College of Arts and Sciences Curriculum

Curriculum Requirements for Minor in Civic Engagement

Minor Requirements

Required Course		Credits:
ICLT 332	Speaking Truth to Power: Life Writing and Civic Engagement	3

Capstone Course		Credits:
WRIT 220	Workshop in Publication	3

Creative/Cultural Expression (choose one)		Credits:
ADVG 101	Introduction to Advertising	3
ADVG 150	Planning and Creating the Advertising Campaign	3
ADVG 215	Global Advertising and Public Relations	3
ARTH 301	Aesthetics I	3
ARTH 351	Aesthetics II	3
COMM 210	Broadcast History and Criticism	3
COMM 215	Media History	3
FILM 210	History of Motion Pictures	3
FILM 215	The Documentary in Film and Television	3
ICLT 301	American Immigrant Literature	3
ICLT 302	Strange Creations: Literature, Intelligent Technology, and Ethics	3
ICLT 309	Literary Journalism of the 1960s	3
ICLT 310	Neoyorquinos! Latino Culture in New York	3
ICLT 314	Make a New World: Modern Drama as Political Protest and Social Prophecy	3
ICLT 315	Revolution from Within and Without: The Art and Literature of Social Change	3
ICLT 320	Global Literature and Human Rights	3
ICLT 321	LGBT Literature	3
ICLT 322	New York Literature	3
ICLT 324	Toil and Trouble: The Literature of Work	3
ICLT 325	Cityscapes: The City in World Literature	3
ICLT 326	Travel Literature: Explorations in Cultural Exchange	3
ICSS 305	Vietnam Through Film	3
		Total: 3 Credits

History/Politics/Government (choose one)		Credits:
ANTH 101	Introduction to Anthropology	3
COMM 301	Communication Law	3
COMM 330	Media Law and Ethics	3
CRIM 300	Ethics in Criminal Justice	3
CRIM 305	Police and Community Relations	3
FILM 230	Film History	3
HIST 110	American History	3

HIST 150	American History II	3
HIST 210	The Contemporary World	3
HIST 220	African American Experience	3
HIST 230	Survey of Jewish History	3
ICBS 302	Intergroup Relations: Understanding Prejudice, Stereotyping, and Discrimination	3
ICBS 303	Dynamics of Violence	3
ICBS 304	Beyond Shelter: Housing, Social Processes, and Community Development	3
ICBS 305	The Psychology of Gender Identity	3
ICBS 306	The Real New York: Sociology and the City	3
ICBS 308	Parenting and Culture	3
ICPH 301	The Philosophy of Human Nature	3
ICPH 305	Beauty, Morality, Taste, Tech, and the Philosophy of Art	3
ICSS 303	The American Character: A Global Perspective	3
ICSS 304	Great Cities Past and Present	3
ICSS 306	Modern New York	3
ICSS 307	Seminar in Economic Crises	3
ICSS 310	The Modern Middle East: A Global Perspective	3
ICSS 313	Seminar on Islamic Society and Civilization to 1830	3
ICSS 314	Seminar on Global Conflict	3
PHIL 220	Ethics and Social Philosophy	3
PSCI 110	American Government and Politics	3
PSCI 210	Comparative Government	3
PSCI 220	History of Political Thought	3
PSCI 230	International Relations	3
PSCI 240	Basic Legal Concepts and Administration of Justice	3
PSCI 305	Politics and Society	3
PSCI 310	Politics of Change	3
PSCI 315	American Society and Judicial Behavior	3
PSCI 320	Foreign Policy of the United States	3
PSCI 325	Public Administration	3
PSCI 350	Government and Metropolitan Problems	3
PSCI 355	Government and Business	3
PSCI 360	International Law and Organization	3
PSCI 365	Public Policy Analysis	3
PSCI 410	Seminar in Government and Politics	3
SOCI 101	Introduction to Sociology	3
SOCI 150	American Urban Minorities	3

SOCI 175	Social Problems	3
SOCI 273	Juvenile Delinquency	3
SOCI 278	Criminology	3
SOCI 301	Marriage and the Family	3
SOCI 340	Social Stratification	3
SOCI 348	Introduction to Sociological Theory	3
SOCI 355	Urban Society	3
SOCI 379	Social Policy	3
		Total: 3 Credits

Science/Technology (choose one)		Credits:
ANTH 205	Anthropology of Health	3
BIOL 101	Humanity and the Biological Universe	3
BIOL 103	Nutrition and Society	3
BIOL 107	Environmental Sciences	3
HIST 240	History of Technology	3
ICBS 311	Global Culture, Technology, and Human Relationships	3
ICBS 309	Anthropological Approaches to Health Seminar	3
ICPH 306	Bioethics	3
ICSS 301	Environmental History	3
ICSS 308	Seminar in Economics of Sustainable Growth	
ICSS 309	Technology and Global Issues	3
PHIL 230	Technology, Society, and Values	3
SOCI 376	Medical Sociology	3
		Total: 3 Credits

Total Required Credits = 15

College of Arts and Sciences

Minor in Equity and Innovation

With the recent establishment of the Office of Diversity, Equity, Inclusion, and Belonging, New York Tech affirmed its institutional commitment to sustaining a community in which all members can thrive. In alignment with our institutional mission and core values, we find that students want to connect their professional aspirations with their desire to live in a more equitable and just society.

The Minor in Equity and Innovation allows students to focus on Diversity, Equity, Inclusion, and Belonging (DEIB) issues from creative, cultural, ethical, and psychological perspectives with a special consideration of technology's role in bridging divisions and eliminating barriers. This minor will introduce students to the DEIB standards and initiatives in their major field and connect these professional manifestations with the humanistic inquiry that developed many of the underlying concepts and theoretical frameworks buttressing contemporary DEIB work.

Students will work in partnership with the Office of Student Engagement and Development to incorporate programming, experiential learning, and leadership opportunities. In addition, students will build connections between their major field and the DEIB issue of their choice; with research that can be shared in their department's community to improve presentation and communication skills.

Learning Outcomes:

1. Demonstrate active engagement with diverse perspectives related to identities and communities that have been historically marginalized.
2. Analyze cultural, institutional and/or systemic barriers to equity, justice, and/or inclusion.
3. Assess the role of technology and innovation in addressing inequity within the major field.
4. Synthesize knowledge of DEIB issues from various disciplines of humanistic inquiry.
5. Create an individualized plan as an aspiring professional for connecting DEIB issues with technological advances or other innovations with the major field.
6. Develop a public voice to communicate research findings related to DEIB, innovation, and major field intersections.

Students interested in pursuing a minor should discuss this option with their academic advisor for their major discipline and notify the chair of the department on their campus.

- View Minor Application Form

Total credits for this minor is 15 credits.

College of Arts and Sciences Curriculum

Curriculum Requirements for Minor in Equity and Innovation

Minor Requirements

Required Courses		Credits:
DEIB 101	Introduction to New York Tech Equity and Innovation Studies	3
DEIB 300	Equity and Innovation Minor Capstone	3
		Total: 6 Credits

Electives		Credits:
DEIB Knowledge Base*	See addendum with course list and descriptions.	9

Knowledge Base DEIB Minor Choices

Please refer to this list of current courses that are thematically-relevant for the Equity and Innovation minor. This list is not exhaustive and will be updated as needed. Please check with the department for course prerequisites and nonmajor eligibility if applicable. Contact the minor advisor regarding possible substitutions.

Total Required Credits = 15

College of Arts and Sciences

Minor in Literature and Culture

The Department of Humanities offers a Minor in Literature and Culture that will complement many majors across all schools.

While expanding students' horizons through extensive reading and engagement in the historical and cultural contexts of written texts, this minor will allow students to develop key skills employers desire, such as critical thinking, analysis, cultural awareness, and written and oral communication. The designation of a Minor in Literature and Culture will be a mark of a well-rounded candidate with additional proficiencies.

The Minor in Literature and Culture consists of 15 credits and is open to students of all majors. In addition to taking one three-credit ICLT course to satisfy the General Education requirement, students in the minor take four more 300-level courses from among the Literature Core, one of which may be a creative writing course.

Students taking the Minor in Literature and Culture will be engaged beyond their major discipline in keeping with the learning goals of New York Institute of Technology:

- Achieve proficiency in oral and written communication, critical analysis, and technological and information literacy
- Integrate academic and co-curricular learning to explore concepts and questions that bridge disciplines, professions, and cultures
- Formulate evidence-based and ethical courses of action or conclusions to address challenges and problems
- Engage with, respond to, and reflect on political, social, environmental, and economic challenges at local, national, and global levels
- Develop self-efficacy, professionalism, creativity, and an innovative spirit

The Minor in Literature and Culture will prepare students for long-term success by exposing them to traditions and issues in different cultures, training them to consider multiple perspectives, familiarizing them with narrative/storytelling conventions relevant to many industries (such as marketing, filmmaking, gaming, and social work), and improving their overall communication abilities.

Curriculum Requirements for Minor in Literature and Culture

Minor Requirements

Electives (choose five)		Credits:
ICLT 300	Core Seminar in Literature	3
ICLT 301	Contemporary American Immigrant Literature	3
ICLT 302	Strange Creations: Literature, Intelligent Technology, and Ethics	3
ICLT 303	On the Visionary Frontier: Science Fiction and its Cultural Significance	3
ICLT 304	Children's Literature	3
ICLT 305	America, the Promised Land: Religious Vision or Material Dream?	3
ICLT 306	American Nervousness: Mental Health and Madness in American Literature and Culture	3
ICLT 307	Narnia, Middle Earth, and Beyond: Fantasy Realms in Literature	3
ICLT 308	American Contemporary Poetry: Self, Society, World	3
ICLT 309	Literary Journalism of the 1960s	3
ICLT 310	"Neoyorquinos!" Latino Culture in New York	3
ICLT 311	What Was Modernism? Literature and Culture of the Early Twentieth Century	3
ICLT 312	Shakespeare: Old World Meets New	3
ICLT 314	Make a New World! Modern Drama as Political Protest and Social Prophecy	3
ICLT 315	Revolution! From Within and Without: The Art and Literature of Social Change	3
ICLT 316	Literature and Medicine	3
ICLT 317	Gothic Literature and the Aesthetics of Excess, Transgression, and Transcendence	3
ICLT 318	Romantic Literature and the Emerging Sciences of the Mind and Life	3

ICLT 319	The Simple Art of Murder: the Literature of Detection and the Private "I"	3
ICLT 320	Global Literature and Human Rights	3
ICLT 321	LGBT Literature	3
ICLT 322	New York Literature	3
ICLT 323	Irish Literature	3
ICLT 324	Toil and Trouble: The Literature of Work	3
ICLT 325	Cityscapes: The City in World Literature	3
ICLT 326	Travel Literature: Explorations in Cultural Exchange	3
ICLT 327	Rites of Passage: The Literature of Initiation	3
WRIT 335	Writing for Publication	3

One three-credit ICLT course will be used to satisfy the Core Curriculum requirement. Students take four additional courses from among the Literature Core, one of which may be a creative writing course.

Total Minor Requirement = 15

College of Arts and Sciences

Minor in Mathematics

Coursework in mathematics is a key area of study at New York Institute of Technology, as required and elective mathematics courses are prominent in every curriculum.

For science and engineering majors, mathematics essentially represents a "second language" without which comprehension of the laws of science would be impossible. The curriculum provides a meaningful sequence of courses to help technically oriented students grasp the quantitative elements of physics; biological and chemical sciences; architecture; and electrical, computer, mechanical, and aerospace engineering. Courses give students of non-technical subjects an understanding of the basic tools of algebra, trigonometry, and elements of calculus for application in their professional fields. Use of technology is stressed throughout the curriculum.

In addition to the prescribed mathematics courses, advanced electives provide further study and enrichment.

- View courses in Mathematics

Students with a strong interest in mathematics have an opportunity to enhance their undergraduate program by pursuing a minor in mathematics.

Course Requirements:

- MATH 260 (Calculus III), plus 12 or more credits in mathematics (MATH) at or above the 200 level.
- Two or more courses at or above the 300 level. At least one of these courses must not be required for the major.
- At least six credits taken in residence at New York Tech that are in addition to major requirements.

Grade Requirements:

- The grade received for each mathematics course counted toward the minor is C or higher.
- The combined GPA for all mathematics courses used for the minor must be 2.7 or higher.

Students interested in pursuing this minor should discuss this option with the academic advisor for their major discipline and notify the chair of the Department of Mathematics on their campus.

- View Minor Curriculum
- Math Minor Application Form

Math Placement Exams: Most students taking college mathematics for the first time, whether currently enrolled, entering freshmen, or transferring from another institution, are required to take a mathematics examination prior to registration. Registration in the appropriate level mathematics class will be determined by the results of the examination and consultation with the mathematics faculty. Students whose mathematics diagnostic test results indicate they need a developmental mathematics course will be enrolled in MATH 101 in order to receive intensive assistance in developing the basic skills required to study mathematics.

College of Arts and Sciences Curriculum

Curriculum Requirements for Minor in Mathematics

Minor Requirements

Required Courses		Credits:
MATH 260	Calculus III	4
		Total: 4 Credits

Advanced Electives (select four)**		Credits:
MATH 210	Plane Geometry	3
MATH 215	Introduction to Sets and Logic	3
MATH 220	Probability Theory	3
MATH 235	Applied Statistics	3
MATH 310	Linear Algebra	3
MATH 320	Differential Equations	3
MATH 330	Computational Analysis	4
MATH 350	Advanced Calculus	3
MATH 360	Functions of a Complex Variable	3
MATH 370	Real Analysis	3
MATH 410	Numerical Linear Algebra	3
MATH 430	Mathematics of X-ray Imaging	3

MATH 440	Numerical Optimization	3
MATH 450	Partial Differential Equations	3
MATH 455	Numerical Analysis	3
MATH 460	Advanced Seminar	3
MATH 470	Mathematical Fluid Dynamics	3
		Total: 12–13 Credits

** Two or more elective courses must be at or above the 300-level. At least one of these courses **MUST NOT** be required for the major.

Total Required Credits = 16–17

Prerequisite Courses

- MATH 141 Precalculus
- MATH 170 Calculus I
- MATH 180 Calculus II

Grade Requirements

The grade received for each mathematics course counted toward the minor must be C or higher. The combined GPA for all mathematics courses used for the minor must be 2.7 or higher.

At least six credits must be taken in residence at New York Tech **IN EXCESS** of the mathematics requirements of the major.

College of Arts and Sciences

Minor in Medical Humanities

The Medical Humanities Minor program offers students the opportunity to study ethical, historical, and cultural aspects of medicine in an interdisciplinary context. Good healthcare and doctoring consists of more than a practitioner's ability to memorize, synthesize, and apply technical medical knowledge. At its core, healthcare consists of human relationships; skills of empathy, communication, observation, and analysis are vital to the practice of medicine, and these are the skills that the humanities inculcate and foster.

The Medical Humanities Minor examines issues of personhood, disability, illness, health, and the historical and social context of medical practice in a multi- and cross-disciplinary context, which may include literature, philosophy, ethics, anthropology, cultural studies, psychology, sociology, theater, film, and fine arts. For students interested in careers in healthcare, the medical humanities program creates a deeper understanding of the history of healthcare and the cultural forces that impact their profession. The curriculum also is in keeping with the recent changes in the MCAT exam, which now includes sections focusing on sociocultural components of health and critical analysis and reasoning skills. Perhaps more importantly, the Medical Humanities Minor helps students develop narrative and cultural competency, resulting in more effective and humane clinical encounters with patients. The program is open to all students, of any major, who have interests in health, medicine, communication, and creative expression.

The minor requires that students take at least 15 credits from a list of approved courses. Two courses, FCWR 302, Communication for Healthcare Careers, and ICLT 316, Literature and Medicine, are required. This program is available to both Long Island and New York City students, and many courses are offered with an online option.

Curriculum Requirements for Minor in Medical Humanities

General Education

Required Courses		Credits:
FCWR 302	Communication for Healthcare Careers	3
ICLT 316	Literature and Medicine	3
		Total: 6 Credits

Minor Requirements

Electives (choose at least three)		Credits:
ICBS 300	Seminar in Behavioral Science[1]	3
ICBS 309	Anthropological Approaches to Health Seminar	3
ICBS 310	Legal and Semi-Legal Addiction: Alcohol, Cannabis, and Tobacco	3
ICLT 302	Strange Creations: Literature, Intelligent Technology, and Ethics	3
ICLT 303	On the Visionary Frontier: Science Fiction and its Cultural Significance	3
ICLT 306	American Nervousness: Mental Health and Madness in American Literature and Culture	3
ICLT 328	Bioethics and Human Modification	3
ICSS 300	Seminar in Social Science[1]	3
HSCI 190	Community Health Implications	3
HSCI 340	Health and Aging	3
HSCI 420	Biomedical Ethics	3
IDSP 403	Senior Project	3

IDSP 450	Internship (in Interdisciplinary Studies; with permission of program coordinator)	3
BIOL 103	Nutrition and Society	3
BIOL 341	Genetic Engineering	3
ICPH 301	The Philosophy of Human Nature	3
ICPH 303	The Birth of Philosophy and Science	3
ICPH 306	Bioethics	3
SOCI 305	Sociology of Sport	3
		Total: 9 Credits

[1] Applicable topics only

Total Program Requirements = 15 Credits

College of Arts and Sciences

Minor in Physics

To further our mission of providing a career centered education, and to allow undergraduate students to pursue an organized, coherent secondary course of study, New York Tech has created a minor in physics. Just as an academic major gives an employer or professional school an idea of one's ability to specialize and to develop an understanding in depth of a particular discipline, an academic minor provides an occasion to expand the breadth of a student's interests independently of the student's major. It demonstrates broad competence beyond a narrow specialization.

The physics minor provides a perfect opportunity for students in other areas to take and complete in a reasonably short period of time. The minor is flexible and suitable for students who are pursuing a STEAM career. The physics minor strengthens the skills not only for STEM majors, but other related majors as well.

Recently, the boundary of knowledge in STEM areas has been blurred. Having an undergraduate degree in one area with a minor in another will prepare students for problem solving and critical analysis and help them to start their career with a better set of tools.

Learning Outcomes, Post-Graduation Opportunities, and Interdisciplinarity:

- Students will be able to apply critical thinking and problem-solving skills to analyze complex physical phenomena using the course material of the introductory physics courses.
- Students will be able to model physical systems using mathematical and computational tools and demonstrate effective written, oral, and communication skills to present their ideas and findings and give coherent oral presentations of scientific material to both peers and the public at large.
- Students will be able to read and preferably write scientific papers in the advanced courses.
- Students will gain laboratory skills including the use of common instruments, experimental design, and data analysis.

Students interested in pursuing the minor in physics should discuss this option with the academic advisor for their major discipline and notify the chair of the department on their campus.

- View Minor Application Form

Total credits for the physics minor is 15 to 18 credits.

College of Arts and Sciences Curriculum

Curriculum Requirements for Minor in Physics

Minor Requirements

General Physics Requirement		Credits:
PHYS 170	General Physics I	4
	—OR—	
PHYS 175	General Physics for Pre-Med I	5
PHYS 180	General Physics II	4
	—OR—	
PHYS 185	General Physics for Pre-Med II	5
		Total: 8–10 Credits

Laboratory Courses		Credits:
PHYS 225	Introduction to Modern Physics	3
PHYS 226	Introduction to Modern Physics Lab	1
		Total: 4 Credits

Physics Elective (choose one)		Credits:
PHYS 320	Quantum Mechanics	4
PHYS 310	Optics	3
PHYS 341	Analytical Mechanics	4
PHYS 370	Electricity and Magnetism	4
PHYS 390	Statistical Mechanics	4
		Total: 3–4 Credits

Total Required Credits = 15–18

College of Arts and Sciences

Minor in Psychology

The Minor in Psychology gives students the opportunity to investigate the subject on a theoretical, statistical, and practical level. Students start with an introduction to psychology concepts, methods, and vocabulary before moving on to more advanced topics, such as theories of personality, human development, and abnormal psychology. Students examine the individual and the conditions that influence behavior as well as issues like growth and development, learning and thinking, emotions and motivations, personality and assessment, mental health, social interaction and influence, and more.

The program is open to students from all majors who wish to gain further knowledge in the field of psychology. It is particularly appropriate for students majoring in Health Sciences; Health and Wellness; Biological and Chemical Sciences; Business; and Nursing, as well as those pursuing combined degree programs in areas such as Occupational Therapy, Physical Therapy, and Physician Assistant Studies. Upon completion of the minor, students will have gained a solid theoretical base of knowledge and a comprehensive understanding of terms and concepts important to psychology.

The minor requires that students take at least 15 credits from a list of approved courses (16 credits if the student chooses to take PSYC 210 Statistical Analysis), including PSYC 101 Introduction to Psychology, and at least one course at the 300 level. All faculty and library resources available to those in the Department of Psychology and Counseling will be available to students who choose to minor in psychology.

College of Arts and Sciences Curriculum

Curriculum Requirements for Minor in Psychology

Minor Requirements

Required Component		Credits:
PSYC 101	Introduction to Psychology	3

Choose any four courses		Credits:
PSYC 205	Theories of Personality	3

PSYC 210	Statistical Analysis	4
PSYC 220	Child Psychology	3
PSYC 221	Human Development	3
PSYC 223	Adolescent Psychology	3
PSYC 240	Educational Psychology	3
PSYC 245	Learning Theory	3
PSYC 260	Social Psychology	3
PSYC 310	Abnormal Psychology	3
PSYC 321	Sports and Exercise Psychology	3
PSYC 330	Communication and Interviewing Techniques	3
PSYC 335	Personnel Psychology	3
PSYC 338	Health Psychology	3
PSYC 410	Physiological Basis of Behavior	3
PSYC 425	Introduction to Counseling	3

At least one course must be a 300/400-level class.

Total Program Credits = 15–16

College of Arts and Sciences

Minor in Technical and Professional Communication

Why is a minor in technical and professional communication important?

Technical and professional communication exists across numerous job fields and remains a top priority for job providers. The focus of technical communication involves ethics in work-related writing as well as the basis for all written and oral communication in the professional space.

Technical and professional communication students learn valuable skills, which prepare them for a modern workforce and give them an ethical foundation. These students emerge with the ability to provide their employers with crucial documentation. For students interested in careers in the technical or medical professions, technical and professional communication offers an added dimension to their degrees, enabling them not only to perform their chosen duties, but also to communicate better with colleagues and make themselves more viable candidates for positions in their field.

This interdisciplinary minor meets the requirements designated by the Senate Curriculum Committee:

- This program builds on New York Institute of Technology's existing focus of providing undergraduate interdisciplinary education and furthers it by adding a quality minor in demand by students and employers. The university offers an interdisciplinary approach to keep with the mission of providing career-centered education for its students.
- The framework for the minor draws on courses that have a long-standing history of assessed quality in the College of Arts and Sciences.
- Many job market analysts rank technical writer as a position most in demand by today's (and tomorrow's) employers. In addition, several fields look for their candidates to have technical communication skills.

A common concern among employers is their new hire's inability to communicate effectively, either in professional environments, or on social media or the web. This minor will give these candidates a strong background in such communication that will make them attractive candidates in the job market as technical and content writers, as well as engineers, graphic designers, and IT technicians.

The minor in Technical and Professional Communication would be of interest to the following majors: Architecture, Business Administration, Computer Engineering, Computer Graphics, Electrical and Computer Engineering, English, Graphic Design, Information Technology, Interdisciplinary Studies, Mechanical Engineering, Urban Administration, and more.

Students undertaking the Technical and Professional Communication Minor will be prepared to:

1. Utilize professional communication skills to produce materials, solve problems and formulate solutions for expert and non-expert audiences
2. Create written/oral/visual communication in a workplace environment individually and collaboratively
3. Formulate social media structures to create positive R.O.I. for businesses and expand their reach in the social media environment
4. Design and compose visual elements and integrate them into technical and professional texts
5. Prepare for workplace opportunities through hands-on experience

The minor consists of 15 credits, and is open to all students. Students must earn at least a grade of "C" in each course taken and must obtain a GPA of at least 2.7 in the minor course of study. If a student passes minor courses but does not meet these minimums, the courses taken toward the minor will count as elective credit.

Consistent with university regulations, there must be a minimum of six credits taken in residence (not transfer credits) and a minimum of six credits outside of the student's major requirements and/or General Education curriculum.

Curriculum Requirements for Minor in Technical and Professional Communication

Minor Requirements

Foundation Course (choose one of the following)		Credits:
FCWR 301	Communications for Business	3
FCWR 302	Communications for Healthcare Careers	3
FCWR 304	Communications for the Technical Professions	3
		Total: 3 Credits

Minor Courses (choose three of the following)		Credits:
ARTC 201	Computer Graphics I	3
DGIM 110	Digital Imaging Fundamentals	3

SPCH 205	Professional Speaking and Advanced Oral Communication	3
WRIT 220	Publishing Workshop	3
WRIT 360	Seminar in Professional Writing (Game Design and Digital Storytelling)	3
WRIT 363	Writing for the Web*	3
WRIT 366	Survey of Technical and Professional Document Production	3
		Total: 9 Credits

* WRIT 363 may be substituted at director's discretion.

Capstone Course (choose one of the following)		Credits:
WRIT 351	Advanced Technical Writing*	3
WRIT 415	Internship in Technical and Professional Writing	3
		Total: 3-6 Credits

* WRIT 351 is required if FCWR 304 is substituted; otherwise it is optional.

Total Program Credits = 15

College of Arts and Sciences

Technical Writing Certificate

Regardless of your major or career expertise, you won't succeed today if you can't communicate efficiently. The Technical Writing certificate program is a powerful professional development tool for building proficiency in writing and communication in a fast-paced and ever-changing environment.

The curriculum covers topics including digital imaging, professional and technical document production, writing for the web, video game design, scientific and technical literature, advanced writing and editing techniques, and an internship in technical and professional writing. Up to three credits may be exchanged for life experience, with approval. Classes may be taken on a part- or full-time basis.

Students seeking to earn a certificate in Technical Writing are required to complete 18 credits of coursework in the technical writing/professional communications area. Students from any major may add the Technical Writing Certificate, requiring only 15-credits beyond core requirements. It is also open to working professionals, who can take classes on a part-time basis as a standalone program.

NOTES:

1. A student may earn up to three credits by challenging for life experience.
2. Those entering the program without sufficient technical background must take six additional credits in a technical area. Members of the faculty will determine what constitutes an appropriate background.

This program follows our general admission requirements.

Application Materials

- Completed application
- $50 nonrefundable application fee
- Copies of transcripts of all high school work, including college-level courses. Your midyear and final grades will be required. All final, official transcripts must be received prior to the start of your first semester.
- First-time, first-year applicants may choose to submit their application without standardized test scores to be considered for admission to New York Institute of Technology. You also have the option of submitting test results if you feel your academic strength is best reflected by your scores:
  - SAT Code: 2561, ACT Code: 2832
- Two letters of recommendation
- 300–350 word essay on one of the following topics:
  - Tell us about your career goals and why attending New York Tech would further these goals.
  - Describe the achievement of which you are most proud and why.

International Students Special Requirements

College of Arts and Sciences Curriculum

Curriculum Requirements for Technical Writing Certificate

Major Requirements

Foundation Class		Credits:
FCWR 304	Communication for Technical Professions*	3
		Total: 3 Credits

***** Although FCWR 304 is preferred, other professional writing courses are also acceptable.

Intermediate Level*		Credits:
DGIM 101	Introduction to Digital Imaging	3
WRIT 366	Survey of Technical and Professional Document Production	3
		Total: 6 Credits

*** Prerequisite:** FCWR 304 or any Professional Writing Course

Advanced Level		Credits:

WRIT 351	Advanced Technical Writing	3
WRIT 363	Writing for the Web	3
		Total: 6 Credits

Advanced Course (choose one of the following)		Credits:
LITR 240	The Art of Prose: Scientific and Technical Literature	3
SPCH 205	Professional Speaking and Advanced Oral Communication	3
WRIT 220	Workshop in Publication	3
WRIT 355	Advanced Writing and Editing Techniques	3
WRIT 360	Seminar in Professional Writing	3
WRIT 415	Internship in Technical and Professional Writing	3
		Total: 3 Credits

Students seeking to earn a Certificate in Technical Writing are required to complete 18 credits of coursework in the technical writing/professional communications area. Students from any major can opt for the Technical Writing Certificate. It is also open to working professionals, who can take the classes on a part-time basis.

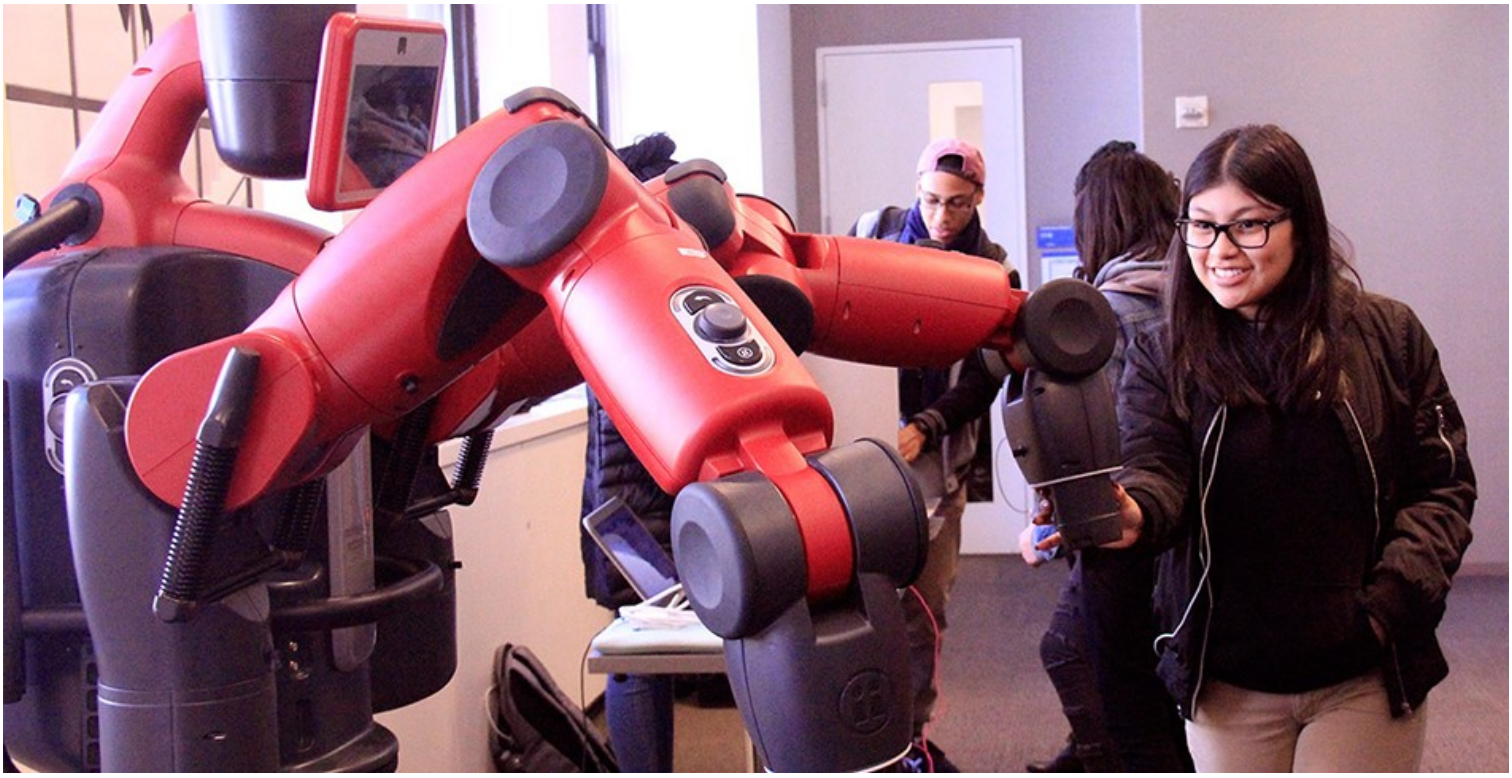
NOTE

1) A student may earn up to three credits by challenging for life experience.

2) Those entering the program without sufficient technical background must take six additional credits in a technical area. Members of the faculty will determine what constitutes an appropriate background.

Total Required Credits = 18

College of Engineering and Computing Sciences



Babak D. Beheshti, Ph.D., Dean

Undergraduate Programs

- Bioengineering, B.S.
- Computer Science, B.S.
- Construction Engineering, B.S.
- Electrical and Computer Engineering, B.S.
- Electrical and Computer Engineering Technology, B.S.
- Engineering Management, B.S.
- Information Technology, B.S.
- Mechanical Engineering, B.S.

Undergraduate Minors

- Construction Engineering
- Energy Science, Technology, and Policy
- Technology Entrepreneurship

Graduate Programs

- Bioengineering, M.S.
- Computer Science, M.S.
- Cybersecurity, M.S.
- Data Science, M.S.
- Electrical and Computer Engineering, M.S.
- Energy Management, M.S.
- Mechanical Engineering, M.S.

Advanced Certificates

- Advanced Certificate in Energy Technology
- Advanced Certificate in Environmental Management
- Advanced Certificate in Facilities Management
- Advanced Certificate in Infrastructure Security Management

Doctoral Programs

- Computer Science, Ph.D.
- Engineering, Ph.D.

Mission

The College of Engineering and Computing Sciences prides itself on providing high-quality undergraduate, graduate, and doctoral programs that prepare students for advanced studies and challenging positions in business, government, and industry. The college is guided in this mission by the tenets embraced by New York Institute of Technology: the professional preparation of students, applications-oriented research, and access to opportunity for all qualified students.

Integral to success are our faculty's dedication to teaching, scholarship, and service; the support of alumni, industrial advisory boards, friends, and employers; and the college's state-of-the-art facilities that provide students with a solid foundation for achievement.

To accomplish its mission, the College of Engineering and Computing Sciences:

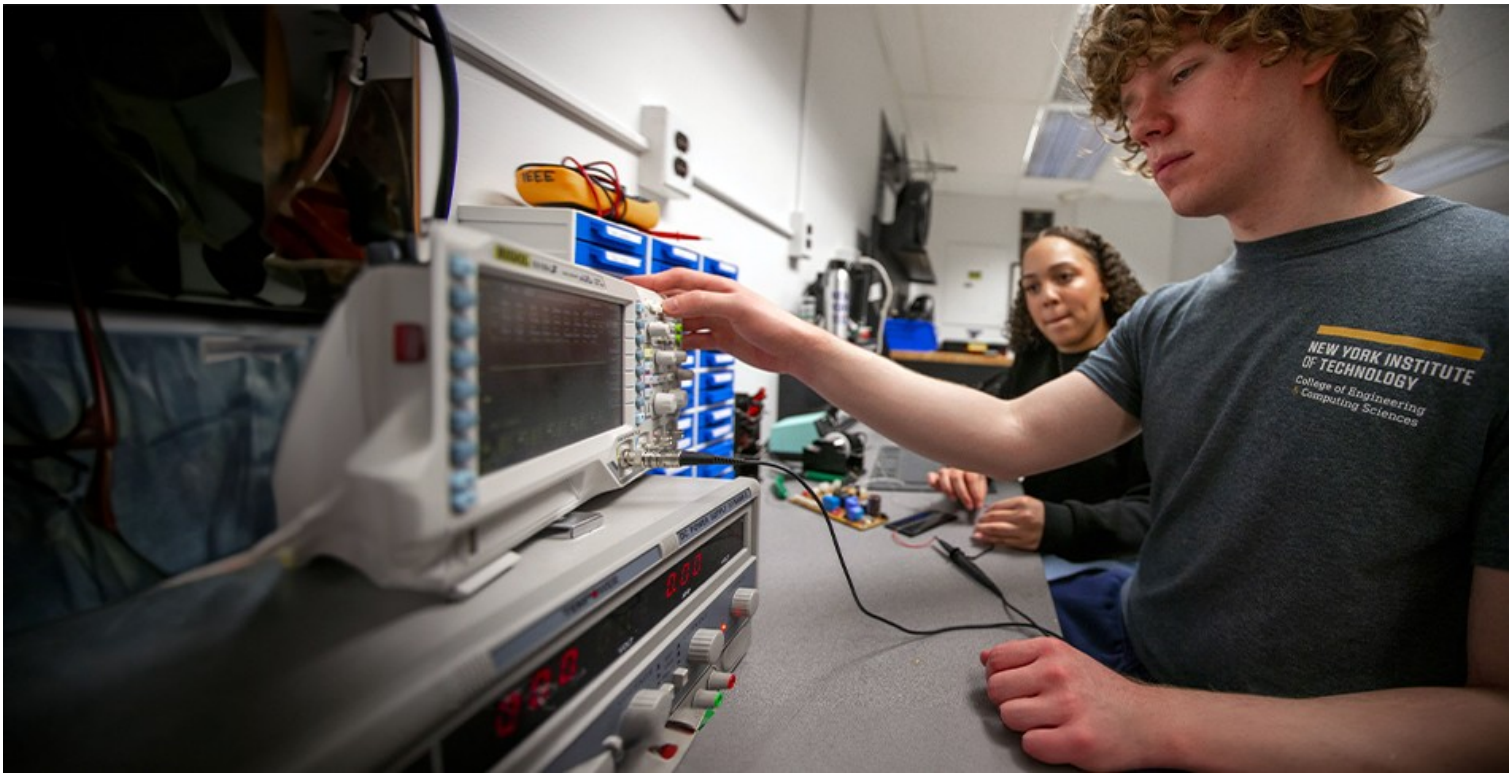
- Offers a broad range of outstanding, accredited academic programs
- Supports faculty members who are effective teacher-scholars committed to a student-centered, stimulating learning and research environment
- Engages students in applied projects, innovative design, and computing solutions to real industry questions
- Fosters connections and partnerships with employers, alumni, and the community at large
- Provides the physical space and modern facilities that befit a premier university

Vision: Engineering for Society, Innovating for a Better World

At NYIT College of Engineering and Computing Sciences, students have the opportunity to work on 21st-century technological challenges that directly affect the world in which they live. The college is known as "the place" where innovators, engineering firms, public utilities, and federal and state agencies seek talented faculty and students to advance their projects, inventions, and technologies in the classroom, the lab, the field, or on site. By the time they graduate, our "industry ready" students are equipped with the fundamentals needed to pursue graduate studies and are prepared to join the workforce with minimal on-the-job training.

College of Engineering and Computing Sciences

Undergraduate Programs: College of Engineering and Computing Sciences



Babak Beheshti, Ph.D., Dean

Frank Lee, Ph.D., Chair–Long Island

- Computer Science, B.S.
- Information Technology, B.S.

Aydin Farajidavar, Ph.D., Chair–Long Island

- Bioengineering, B.S.
- Electrical and Computer Engineering, B.S.

Professor Lak Amara, Chair–New York City

- Electrical and Computer Engineering Technology, B.S.

Yoshikazu Saito, Ph.D., Chair–New York City

- Bioengineering, B.S.
- Computer Science, B.S.
- Electrical and Computer Engineering, B.S.
- Information Technology, B.S.

Xun Yu, Ph.D., Chair

- Construction Engineering, B.S.
- Engineering Management, B.S.
- Mechanical Engineering, B.S.

Undergraduate Minors

- Construction Engineering
- Energy Science, Technology, and Policy
- Technology Entrepreneurship

Mission

The College of Engineering and Computing Sciences offers high-quality undergraduate, graduate, and doctoral programs to prepare students for advanced studies and challenging positions in business, government, and industry. The college is guided in this mission by tenets embraced by New York Institute of Technology: the professional preparation of students, applications-oriented research, and access to opportunity for all qualified students.

Integral to success are our faculty's dedication to teaching, scholarship, and service; the support of alumni, industrial advisory boards, friends, and employers; and the college's state-of-the-art facilities that provide students with a solid foundation for achievement.

To accomplish our mission, the College of Engineering and Computing Sciences:

- Offers a broad range of outstanding, accredited academic programs
- Supports faculty members who are effective teacher-scholars committed to a student-centered, stimulating learning and research environment
- Engages students in applied projects, innovative design, and computing solutions to real industry questions
- Fosters connections and partnerships with employers, alumni, and the community at large
- Provides the physical space and modern facilities that befit a premier technology institute

Vision: Engineering for Society, Innovating for a Better World

At NYIT College of Engineering and Computing Sciences, students have the opportunity to work on 21st-century technological challenges that directly affect the world in which they live. The college is known as "the place" where innovators, engineering firms, public utilities, and federal and state agencies seek talented faculty and students to advance their projects, inventions, and technologies in the classroom, the lab, the field, or on site. By the time they graduate, our "industry ready" students are equipped with the fundamentals needed to pursue graduate studies and are prepared to join the workforce with minimal on-the-job training.

Degrees

The College of Engineering and Computing Sciences offers baccalaureate degrees in computer science, electrical and computer engineering, information technology, mechanical engineering, engineering management, electrical and computer engineering technology, and telecommunications network management. Students who have not chosen a specific branch of engineering as a major, or who do not fully satisfy the entrance requirements for engineering, may be classified with an "undeclared" status in the College of Engineering and Computing Sciences up to the end of their second year. Transfer students and students who have completed more than two years of coursework should check with

both their academic and financial aid advisors regarding their status as majors. The college also offers master's degrees in computer science, electrical and computer engineering, energy management, cybersecurity, data science, mechanical engineering, and bioengineering.

Dean of Engineering Honors Program

Established in 2012, this program broadens and enriches the academic learning experience, creates an environment of excellence and excitement, and puts students on the path for success. Incoming freshmen will be admitted to the program based on academic excellence in high school.

B.S. with Accelerated M.S. Option – Five-Year B.S./M.S. Options

The college offers five-year accelerated degree options leading to a Bachelor of Science and a Master of Science in the following areas:

- B.S. in Computer Science and M.S. in Computer Science
- B.S. in Computer Science and M.S. in Cybersecurity
- B.S. in Computer Science and M.S. in Data Science
- B.S. in Electrical and Computer Engineering and M.S. in Electrical and Computer Engineering
- B.S. in Electrical and Computer Engineering and M.S. in Cybersecurity
- B.S. in Electrical and Computer Engineering and M.S. in Data Science
- B.S. in Engineering Management and M.S. in Energy Management
- B.S. in Information Technology and M.S. in Computer Science
- B.S. in Information Technology and M.S. in Cybersecurity
- B.S. in Information Technology and M.S. in Data Science
- B.S. in Mechanical Engineering and M.S. in Mechanical Engineering

For more details on accelerated degree programs, please visit the B.S. with Accelerated M.S. Options page, and contact the chairperson of the department. For more information about the Dean of Engineering honors program, visit the Dean of Engineering Honors Programs page.

Apply online to New York Tech

College of Engineering and Computing Sciences

Bioengineering, B.S.

Full-time Faculty: M. Ravan, A. Farajidavar, A. Ilyas, Z. Dong, N. Artan

New York Institute of Technology offers courses leading to the Bachelor of Science in Bioengineering. The primary objectives of the Bioengineering curriculum are to produce versatile engineering graduates capable of applying life sciences, physical sciences, mathematics, and engineering principles to define and solve problems in biology, medicine, healthcare, and related fields. The objectives reflect New York Tech's overall mission: 1) Provide career-oriented professional education; 2) Give all qualified students access to opportunity; 3) Support research and scholarship that benefit the larger world.

This undergraduate program provides students with integrated and rigorous training in engineering, mathematics, and the basic sciences. The important mission element to emphasize is the applied orientation of the college in general, and the engineering programs in particular. Emphasis is on the design/analysis/applications components in the spectrum of bioengineering programs, and objectives are fulfilled by courses in math, physics, biology, chemistry, engineering, and bioengineering. Established sequences for students provide them with a broad education and the flexibility to allow some degree of depth in an area of interest. Major areas of education include biomaterials, bio-instrumentations, physiology, medical imaging and image-guided therapy, biomedical signal processing, embedded systems, and biomedical devices.

New York Tech's liberal arts and humanities core curriculum (general education requirements) is designed to provide students with additional knowledge and skills related to the job and graduate school success. It is concerned with the student as a citizen and community leader; to that end, it provides a broad perspective of history, philosophy, and literature. One of the major features of the core curriculum is an emphasis on learning through written, oral, and electronic presentations. These communication skills carry over effectively into advanced bioengineering courses.

The capstone design project encompasses engineering components using the skills developed throughout the curriculum, economic issues appropriate to the effective practice of engineering, and written language and oral communication skills.

Key skills that will be developed with the proposed program:

- Apply life sciences, physical sciences, mathematics, and engineering principles to solve problems in biology, medicine, and biotechnology
- Design and analyze physiologic measuring and diagnostic systems
- Designs experiments and quantitatively analyze for the understanding of the functions of biosystems
- Design, validation, and test of biomedical equipment and devices
- Assess technologies including evaluation of safety, efficiency, and effectiveness of biomedical instruments
- Conduct feasibility studies
- Communicate with life scientists, chemists, medical doctors, and engineers of different disciplines
- Install, maintain, troubleshoot, and repair biomedical instruments

Graduates will gain the engineering skills and expertise to work in the industry, healthcare, research institutions, or advanced studies.

Program Educational Objectives are to prepare versatile engineers who:

1. Are successfully employed in engineering or their chosen career path
2. Pursue graduate studies and/or continuing education in their field
3. Function as responsible members of society through engagement in community or professional organizations

To support these objectives, the curriculum has been developed to provide student outcomes that describe what degree candidates are expected to know and be able to do by the time they graduate. Upon graduation, students are expected to have:

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 judgment to draw conclusions.
7. An ability to acquire and apply new knowledge as needed, using appropriate learning strategies.

This degree has specific admission requirements in addition to our general requirements.

Admission Requirements

All bioengineering applicants should have adequate mathematics preparation for entry into Calculus I (first semester). Students with inadequate mathematics preparation will be required to supplement their program of study with additional courses to permit entry into the calculus sequence.

First-Year

This program does not require standardized test scores, but you also have the option of submitting test results if you feel your academic strength

is best reflected by your scores:

- Minimum combined SAT score of 1080 (critical reading and math only), including a minimum score of 550 in math.
  - If the student did not take SAT/ACT tests or does not meet the SAT/ACT score requirements, they may be admitted to this program but must successfully complete Calculus I within the first three semesters.

Transfer

- Minimum cumulative GPA of 2.3
- Completed at least 12 credits of required math, physics, computer science, and engineering with a minimum grade of C- in these courses
  - You may also satisfy these requirements by passing challenge examinations in these areas as provided for by New York Tech policies.

Application Materials

- Completed application.
- $50 nonrefundable application fee.
- Copies of transcripts of all high school work, including college-level courses. Your mid-year and final grades will be required. All final, official transcripts must be received prior to the start of your first semester.
- Testing Preferences: First-time, first-year applicants may choose to submit their application without standardized test scores to be considered for admission to New York Institute of Technology. This program does not require test scores, though some academic programs require test scores. Review our test-optional policy. If you are submitting official SAT (critical reading and math only) or ACT test scores, use these codes.
  NYIT SAT Code: 2561; NYIT ACT Code 2832
- Two letters of recommendation.
- 300–350 word essay on one of the following topics:
  - Tell us about your career goals and why attending New York Tech would further these goals.
  - Describe the achievement of which you are most proud and why.

College of Engineering and Computing Sciences Curriculum

Curriculum Requirements for Bachelor of Science in Bioengineering

General Education

Foundations		Credits:
FCWR 101	Writing I: College Composition	3
FCWR 151	Writing II: Research Writing	3
FCWR 304	Communication for Technical Professions	3
		Total: 9 Credits

Data Literacy		Credits:
DATA 101	Making Sense of a Data-Oriented Society	3

Social Science Core		Credits:
IENG 400	Technology and Global Issues	3
Cross-listed with ICSS 309.		

Seminars (select courses from three of the four areas)		Credits:
ICBS 3XX	Behavioral Science choice	3

ICLT 3XX	Literature choice	3
ICPH 3XX	Philosophy choice	3
ICSS 3XX	Social Science choice	3
		Total: 9 Credits

Students must take three seminar courses from three different areas of study.

Math and Science Requirement		Credits:
MATH 170	Calculus I	4
PHYS 170	General Physics I	4
		Total: 8 Credits

Major Requirements

Biology		Credits:
BIOL 110	General Biology I	4
BIOL 150	General Biology II	4
BIOL 310	Human Physiology	4
		Total: 12 Credits

Chemistry		Credits:
CHEM 110	General Chemistry I	4
CHEM 215	Bio-organic Chemistry	4
		Total: 8 Credits

Mathematics		Credits:
MATH 180	Calculus II	4
MATH 260	Calculus III	4
MATH 320	Differential Equations	3
		Total: 11 Credits

Physics		Credits:
PHYS 180	General Physics II	4
PHYS 365	Biomedical Physics	3
		Total: 7 Credits

Engineering Technology		Credits:
ETCS 105	Career Discovery	2

This course may be waived for students and transfers with sophomore or higher status. All course substitutions must be approved by the department chairperson.

Required Engineering Courses		Credits:

BIOE 201	Introduction to Bioengineering	3
BIOE 315	Introduction to Biomaterials	3
BIOE 301	Biomedical Instrumentation and Design	4
BIOE 401	Bioengineering Laboratory Principles	1
BIOE 402	Introduction to Medical Imaging	3
BIOE 320	Statistics for Bioengineers	3
BIOE 440	Process Control in Biotechnology	3
EENG 125	Fundamentals of Digital Logic	3
EENG 212	Electrical Circuits I and Engineering Tools	4
EENG 270	Introduction to Electronics Circuits	3
EENG 275	Electronics Lab I	1
EENG 360	Electronics Lab III	1
EENG 341	Signals and Systems	3
EENG 371	Microprocessors and Embedded Systems	3
EENG 403	Electronics Lab IV	1
MENG 201	Engineering Programming	3
MENG 211	Engineering Mechanics I (Statics)	3
		Total: 45 Credits

Senior Project		Credits:
BIOE 489	Senior Design Project I	2
BIOE 491	Senior Design Project II	2
		Total: 4 Credits

General/Liberal Arts Elective		Credits:
	Consult with advisor on all elective choices	3

Bioengineering Elective		Credits:
	Choose from Electrical and Computer Engineering, Bioengineering, Mechanical Engineering, or Computer Science departments	3

Co-op Option (students take both courses)		Credits:
ETCS 300	Foundations for Success in CoECS Co-op	0
ETCS 301	CoECS Co-op	0
		Total: 0 Credits

Total Required Credits = 127

Computer Science, B.S.

Full-time Faculty: M. Akhtar, K. Balagani, S. Billis, H. Cao, J. Cheng, M. Colef, F. Fischman, S. Gass, P. Gasti, H. Gu, X. Huang, A. Jafari, F. Lee, W. Li, Y. Saito, G. Salayka Jr., T. Zhang

Computer science is the stimulating force at the center of the information revolution of the 21st century. Advancements in computer science have transformed all aspects of society and new fields of study have emerged such as bioinformatics, robotics, network security, computer graphics, telemedicine, big data and information management, cybersecurity, artificial intelligence, biometrics, the interaction between computers and humans (HCI), and software engineering. As a field of study, computer science encompasses the analysis, design, and implementation of computer-based systems as well as their maintenance and advancement.

The Bachelor of Science in Computer Science offered by New York Institute of Technology prepares graduates to be creative, inquisitive, analytical, and detail oriented. The program is designed to allow students to gain theoretical knowledge and apply it to developing an in-depth specialization in one area of concentration, ensuring they become proficient in developing computer applications in a number of frameworks.

Concentrations in Network Security and Big Data Management and Analytics

By the end of the first term of junior year, computer science majors may select a concentration in consultation with an advisor. Areas of concentration include Network Security and Big Data Management and Analytics:

- The concentration in Network Security focuses on network infrastructure and network security aspects and prepares students to handle information technology (IT) security infrastructure challenges that arise in the design, analysis, and implementation of computer networks. This concentration emphasizes the theory and technology behind network design, operation, performance, and defense against security threats. Courses study a variety of topics such as defense-in-depth, firewalls, intrusion detection systems, cryptography, and virtual private networks.
- The concentration in Big Data Management and Analytics focuses on the management and analysis of big data and provides students with deep analytic skills to design and implement information systems that can discover and decode relevant information. Courses cover a variety of topics such as data collection, data organization, information retrieval, and data mining. Industry application areas include finance, crime, energy, politics, banking, defense, and health.

Co-op (Cooperative Education) Option

This B.S. program also offers a co-op option. The co-op program is a mechanism to enable students to prepare themselves for the job market while pursuing their undergraduate degrees. Typically, junior or senior students work full-time for six months at an industrial partner related to their major or career interests. During this time, students earn a salary and do not pay tuition. The skills, contacts, and real-world know-how gained through the co-op program—combined with what is learned in the classroom—creates a unique and holistic educational experience. Please note that the co-op option will extend the degree program by one semester. Enrolling in the co-op is optional, but students must apply for

placement in the program. For details, please contact the co-op program coordinator.

Five-Year Accelerated Option

Students with a GPA above 3.0 can be accepted into the Accelerated M.S. Options program and become eligible to take three graduate-level courses in their junior and senior years, which can be applied to both their undergraduate and graduate degree requirements within the College of Engineering and Computing Sciences at no additional cost.

View details of this program

Five-Year Accelerated Program: B.S. in Computer Science and M.S. in Computer Science – Accelerated Path to Master's Degree (APMD) Option

- The college offers a five-year accelerated degree option leading to a Bachelor of Science in Computer Science and a Master of Science in Computer Science. For details, please contact the chairperson of the Department of Computer Science.

Five-Year Accelerated Program: B.S. in Computer Science and M.S. in Cybersecurity – Accelerated Path to Master's Degree (APMD) Option

- The college offers a five-year accelerated degree option leading to a Bachelor of Science in Computer Science and a Master of Science in Cybersecurity. For the details, please contact the chairperson of the Department of Computer Science.

Five-Year Accelerated Option: B.S. in Computer Science and M.S. in Data Science – Accelerated Path to Master's Degree (APMD) Option

- The college offers a five-year accelerated degree option leading to a Bachelor of Science in Computer Science and a Master of Science in Data Science. For details, please contact the chairperson of the Department of Computer Science.

Objectives

Within this general direction and the mission of the College of Engineering and Computing Sciences, our program faculty, with input from stakeholders such as employers, alumni, and industrial advisory board members, have determined Program Educational Objectives to prepare versatile computer scientists who:

- Are successfully employed in computer science or their chosen career path
- Pursue graduate studies and/or continuing education in their field
- Function as responsible members of society through engagement in community or professional organizations

Outcomes

In support of these objectives, the curriculum has been developed to provide student outcomes describing what degree candidates are expected to know and be able to do by the time they graduate. Upon graduation, students are expected to have the ability to:

1. Analyze a complex computing 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 program's 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 program's discipline.
6. Apply computer science theory and software development fundamentals to produce computing-based solutions.

Courses conform with Information Assurance (IA) standards of the National Security Agency, which lists New York Tech as an IA Course Institution. IA Training standards 4011 and 4013E of the Committee on National Security Systems provide course content for the training of information systems security professionals and systems administrators.

To ensure that degree candidates can successfully apply these outcomes, all students in the Computer Science program are required to complete a substantial project, which utilizes the full extent of the technical skills and knowledge gained throughout the curriculum as well as an understanding of the relevant economic, societal, and ethical issues appropriate for effective computer science practice. Projects will also be evaluated based on teamwork, when appropriate, and the effective written and oral presentation of ideas.

International F-1 students who successfully complete this degree are eligible for an additional 24-month STEM OPT extension to work in the U.S. in an area directly related to their area of study immediately upon completing the customary 12-month post-completion Optional Practical Training (OPT).

The Computer Science, B.S. program on the Long Island and New York City campuses is accredited by the Computing Accreditation Commission (CAC) of ABET, http://www.abet.org, under the General Criteria and the Program Criteria for Computer Science and similarly named computing programs.

The Department of Computer Science also offers four graduate programs leading to a Master of Science in Computer Science, a Master of

Science in Cybersecurity, a Master of Science in Data Science, and a Ph.D. in Computer Science.

This program has specific admission requirements in addition to our general requirements.

Admission Requirements

First Year

- If the student took the SAT, a minimum combined SAT score of 1080 (critical reading and math only), including a minimum score of 550 in math
  - If the student did not take the SAT/ACT or the student does not meet the SAT/ACT score requirement, they may be admitted to this program but must successfully complete Calculus I within the first three semesters. If the student is unable to successfully complete Calculus I in the first three semesters, their advisor will work with them to either choose another major within the College of Engineering and Computing Sciences, or choose a major in another college/school at New York Institute of Technology.
- Three years of math

Transfer

- Minimum cumulative GPA of 2.3
- Completed at least 12 credits of required math, physics, computer science, and engineering. Students may also satisfy these requirements by passing challenge examinations in these areas as provided for by university policies.

Students who have not chosen a specific program in engineering as a major or who do not fully satisfy the entrance requirements for engineering may be classified with an undeclared status in the College of Engineering and Computing Sciences up to the end of their second year. Transfer students and students who have completed more than two years of coursework should check with both their academic and financial aid advisors regarding their status as majors.

Application Materials

- Completed application
- $50 nonrefundable application fee
- Copies of transcripts of all high school work, including college-level courses. Your mid-year and final grades will be required. All final, official transcripts must be received prior to the start of your first semester.
- Official SAT (critical reading and math only) or ACT test scores. If you have fewer than 24 credits of previous college work completed, you will need to submit official SAT or ACT scores.
  - SAT Code: 2561, ACT Code: 2832
- Two letters of recommendation
- 300–350 word essay on one of the following topics:
  - Tell us about your career goals and why attending New York Tech would further these goals.
  - Describe the achievement of which you are most proud and why.

International Students Special Requirements

Academic Standards

Students enrolled in this program must successfully complete Calculus I within the first three semesters. If the student is unable to successfully complete Calculus I within the first three semesters, an academic advisor will work with the student to choose another major within the College of Engineering and Computing Sciences or a major in another school or college at the university.

Students enrolled in the Bachelor of Science program must earn a grade of C- or higher in all required computer science and engineering courses. Grades of D+ or below cannot be counted toward a student's degree.

In the case of a transfer student, grades of D+ or lower are not transferable for any computer science or engineering courses.

Undeclared students who intend to pursue a degree in computer science or engineering must meet the conditions above in order to qualify for entrance into the programs.

Repeating courses may impact eligibility for financial aid. Students should consult with a financial aid advisor before registering for a repeated course.

College of Engineering and Computing Sciences Curriculum

Curriculum Requirements for Bachelor of Science in Computer

Science

General Education

Foundations		Credits:
FCWR 101	Writing I: Foundations of College Composition[1]	3
FCWR 151	Writing II: Foundations of Research Writing[1]	3
FCWR 304	Communication for Technical Professions	3
		Total: 9 Credits

[1] Intensive English as a second language is not acceptable as a substitution for any of these requirements. The only permissible substitution is FCWR 111 and FCWR 161 in place of FCWR 101 and FCWR 151.

Data Literacy		Credits:
DATA 101	Making Sense of a Data-Oriented Society	3

Social Science Core		Credits:
IENG 400	Technology and Global Issues[2]	3

[2] Cross-listed with ICSS 309.

Seminars (select courses from three of the four areas)		Credits:
ICBS 3XX	Behavioral Science choice	3
ICLT 3XX	Literature choice[3]	3
ICPH 3XX	Philosophy choice[3]	3
ICSS 3XX	Social Science choice	3
		Total: 9 Credits

Students must take three seminar courses from three different areas of study.

[3] Students are strongly encouraged to take at least one seminar course with an ethics component. Options are: ICLT 302, ICLT 303, ICPH 304, or ICPH 306. Depending on the choice, it will satisfy either the Literature or Philosophy core requirement.

Math		Credits:
MATH 170	Calculus I	4
		Total: 4 Credits

Science (choose one course based on Sciences Group choice below)		Credits:
PHYS 170	General Physics I	4
CHEM 110	General Chemistry I	4
BIOL 110	General Biology I	4
		Total: 4 Credits

Major Requirements

Engineering Technology		Credits:
ETCS 105	Career Discovery[4]	2
ETCS 108	Computer, Internet, and Society	3
		Total: 3–5 Credits

[4] This course may be waived for students and transfer students with sophomore or higher status. All course substitutions must be approved by department chairperson.

Computer Science		Credits:
CSCI 125	Computer Programming I	3
CSCI 135	Digital Logic Design Fundamentals	3
CSCI 155	Computer Organization and Architecture	3
CSCI 185	Computer Programming II	3
CSCI 235	Elements of Discrete Structures	3
CSCI 260	Data Structures	3
CSCI 270	Probability and Statistics for Computer Science	3
CSCI 300	Database Management	3
CSCI 312	Theory of Computation	3
CSCI 318	Programming Language Concepts	3
CSCI 330	Operating Systems	3
CSCI 335	Design and Analysis of Algorithms	3
CSCI 345	Computer Networks	3
CSCI 380	Introduction to Software Engineering	3
CSCI 456	Senior Project I	2
CSCI 457	Senior Project II	2
		Total: 46 Credits

Concentration Options

Choose one concentration: Network Security, Big Data Management and Analytics, or General Option.

Network Security Concentration (choose four courses from the following)		Credits:
CSCI 352	Introduction to Network and Internet Security	3
CSCI 357	CISCO Academy Level I	3
CSCI 440	Advanced Network and Internet Security	3
CSCI 445	Operating System Security	3
CSCI 460	Special Topics I	3
CSCI 470	Special Topics II	3
CSCI 354	Principles of Information Security	3
CSCI 362	Information System Security Engineering and Administration	3

		Total: 12 Credits

Big Data Management and Analytics Concentration (choose four courses from the following)		Credits:
CSCI 401	Database Interfaces and Programming	3
CSCI 405	Distributed Database Systems	3
CSCI 415	Introduction to Data Mining	3
CSCI 426	Information Retrieval	3
CSCI 436	Big Data Management and Analytics	3
		Total: 12 Credits

General Option		Credits:
	Select four CSCI/ITEC 300–400 level courses	12
		Total: 12 Credits

Mathematics		Credits:
MATH 180	Calculus II	4
MATH 310	Linear Algebra	3
		Total: 7 Credits

Sciences (choose one grouping of courses from PHYS, CHEM, or BIOL)		Credits:
PHYS 170	General Physics I (credits applied from General Education Curriculum above)	n/a
PHYS 180	General Physics II	4
	Life Science/Biology Elective	3
	—OR—	
CHEM 110	General Chemistry I (credits applied from General Education Curriculum above)	n/a
CHEM 150	General Chemistry II	4
	Physics Elective	3
	—OR—	
BIOL 110	General Biology I (credits applied from General Education Curriculum above)	n/a
BIOL 150	General Biology II	4
	Physics Elective	3
		Total: 7 Credits

Electives[5]		Credits:
	Mathematics and Science Electives	9
	General Elective	3
	Liberal Arts Elective	3
		Total: 15 Credits

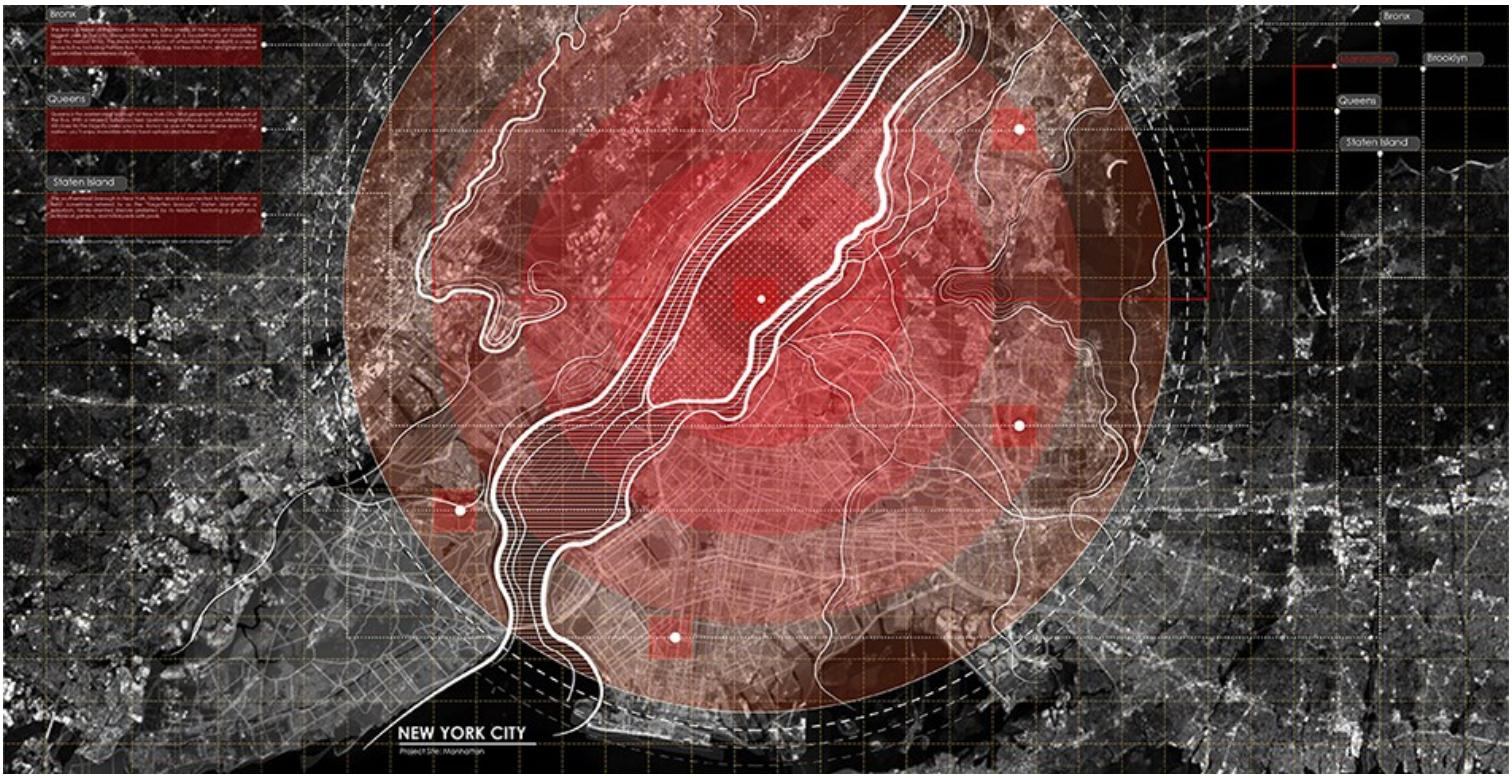
[5] All electives must be approved by the department.

Co-op Option (students take both courses)		Credits:
ETCS 300	Foundations for Success in CoECS Co-op	0
ETCS 301	CoECS Co-op	0
		Total: 0 Credits

Total Required Credits = 122–124

College of Engineering and Computing Sciences

Construction Engineering, B.S.



Full-time Faculty: X. Yu, J. Scire, F. Li, T. Ioppolo, Q. Liu, J. Seidel, W. Zeng, A. Boldini

NYIT College of Engineering and Computing Sciences offers courses leading to the Bachelor of Science in Construction Engineering. The primary objectives of the Construction Engineering curriculum are to produce versatile engineering graduates capable of growth within industry or prepared to pursue advanced studies, and reflect our institution's mission to provide career-oriented professional education and support research and scholarship that benefit the larger world.

This unique program is the integration of the traditional fields of civil engineering and construction management, and will ground students with strong fundamental knowledge in engineering design and management principles, by learning engineering mechanics, engineering graphics, survey and geomatics, construction materials, building construction, concrete and steel structure design, construction management, cost estimating, planning and scheduling, and project management. In meeting rigorous ABET engineering accreditation requirements, this degree serves as a long-term foundation for a construction career in a time of rapidly changing technology.

The university's core curriculum is designed to provide students with knowledge and skills related to job and graduate school success. One of the major features is an emphasis on learning through written, oral, and electronic presentations. These communication skills carry over effectively into advanced mechanical engineering courses.

An important element to emphasize is the applied orientation of the college in general, and the engineering programs in particular. Attention is given to the design/analysis/applications components in the spectrum of construction engineering programs, and objectives are fulfilled by courses in the sciences, mathematics, humanities, design, construction, and management. Established sequences for students provide them with

a broad education and the flexibility to allow some degree of depth in an area of interest. The capstone design project encompasses engineering components using the skills developed throughout the curriculum, economic issues appropriate to the effective practice of engineering, and written language and oral communication skills.

Within this general direction and the mission and vision of the College of Engineering and Computing Sciences, our program faculty, with input from stakeholders such as employers, alumni, and industrial advisory board members, have determined Program Educational Objectives to prepare versatile engineers who:

- Are successfully employed in engineering or their chosen career path
- Pursue graduate studies and/or continuing education in their field
- Function as responsible members of society through engagement in community or professional organizations

To support these objectives, the curriculum has been developed to provide student outcomes that describe what degree candidates are expected to know and be able to do by the time they graduate. Upon graduation, students are expected to acquire an ability to:

- Identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics
- 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
- Communicate effectively with a range of audiences
- 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
- Function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives
- To develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions
- Acquire and apply new knowledge as needed, using appropriate learning strategies

International F-1 students who successfully complete this degree are eligible for an additional 24-month STEM OPT extension to work in the U.S. in an area directly related to their area of study immediately upon completing the customary 12-month post-completion Optional Practical Training (OPT).

Co-op (Cooperative Education) Option

This B.S. program also offers a co-op option. The co-op program is a mechanism to enable students to prepare themselves for the job market while pursuing their undergraduate degrees. Typically, junior or senior students work full-time for six months at an industrial partner related to their major or career interests. During this time, students earn a salary and do not pay tuition. The skills, contacts, and real-world know-how gained through the co-op program—combined with what is learned in the classroom—creates a unique and holistic educational experience. Please note that the co-op option will extend the degree program by one semester. Enrolling in the co-op is optional, but students must apply for placement in the program. For details, please contact the co-op program coordinator.

This program has specific admission requirements, in addition to the general application materials listed below.

Admission Requirements

First Year

- If the student took the SAT, a minimum combined SAT score of 1080 (critical reading and math only), including a minimum score of 550 in math
  - If the student did not take the SAT/ACT or the student does not meet the SAT/ACT score requirement, they may be admitted to this program but must successfully complete Calculus I within the first three semesters. If the student is unable to successfully complete Calculus I in the first three semesters, their advisor will work with them to either choose another major within the College of Engineering and Computing Sciences, or choose a major in another college/school at New York Institute of Technology.
- Three years of math

Transfer Students

- Minimum cumulative GPA of 2.3
- Completed at least 12 credits of required math, physics, computer science, and engineering. Students may also satisfy these requirements by passing challenge examinations in these areas as provided for by university policies.

Students who have not chosen a specific program in engineering as a major or who do not fully satisfy the entrance requirements for engineering may be classified with an “undeclared status” in the College of Engineering and Computing Sciences up to the end of their second year. Transfer students and students who have completed more than two years of coursework should check with both their academic and financial aid advisors regarding their status as majors.

Academic Standards

Students enrolled in this program must successfully complete Calculus I within the first three semesters. If the student is unable to successfully complete Calculus I within the first three semesters, an academic advisor will work with the student to choose another major within the College of Engineering and Computing Sciences or a major in another school or college at the university.

Students enrolled in the Construction Engineering, B.S. program must earn a grade of C- or higher in all required computer science and engineering courses. Grades of D+ or below cannot be counted toward a student's degree.

In the case of a transfer student, grades of D+ or lower are not transferable for any computer science or engineering courses.

Undeclared students who intend to pursue the Construction Engineering, B.S. program must meet the conditions above in order to qualify for entrance into the program.

Repeating courses may impact eligibility for financial aid. Students should consult with a financial aid advisor before registering for a repeated course.

Application Materials

- Completed application
- $50 nonrefundable application fee
- Copies of transcripts of all high school work, including college-level courses. Your midyear and final grades will be required. All final, official transcripts must be received prior to the start of your first semester.
- Official SAT (critical reading and math only) or ACT test scores. You have the option of submitting results from the previous or redesigned SAT. If you have fewer than 24 credits of previous college work completed, you will need to submit official SAT or ACT scores.
    - SAT Code: 2561, ACT Code: 2832
- Two letters of recommendation
- 300–350 word essay on one of the following topics:
    - Tell us about your career goals and why attending New York Tech would further these goals.
    - Describe the achievement of which you are most proud and why.

International Students Special Requirements

College of Engineering and Computing Sciences Curriculum

Curriculum Requirements for Bachelor of Science in Construction Engineering

General Education

Foundations		Credits:
FCWR 101	Writing I: Foundations of College Composition[1]	3
FCWR 151	Writing II: Foundations of Research Writing[1]	3
FCWR 304	Communication for Technical Professions	3
		Total: 9 Credits

[1] Intensive English as a second language is not an acceptable substitute for any of these requirements. The only permissible substitution is FCWR 111 and FCWR 161 in place of FCWR 101 and FCWR 151.

Data Literacy		Credits:
DATA 101	Making Sense of a Data-Oriented Society	3

Social Science Core	Credits:

IENG 400	Technology and Global Issues[2]	3

[2] Cross-listed with ICSS 309.

Seminars (select courses from three of the four areas)		Credits:
ICBS 3XX	Behavioral Science choice	3
ICLT 3XX	Literature choice	3
ICPH 3XX	Philosophy choice	3
ICSS 3XX	Social Science choice	3
		Total: 9 Credits

Students must take three seminar courses from three different areas of study.

Math and Science Core		Credits:
MATH 170	Calculus	4
PHYS 170	General Physics	4
		Total: 8 Credits

Major Requirements

Engineering Technology		Credits:
ETCS 105	Career Discovery[3]	2

[3] All entering first-year students, transfer students with fewer than 31 credits earned, and students on probation are required to complete ETCS 105.

Construction Engineering		Credits:
ARCH 472	Construction Management Contracts	3
CENG 201	Civil Engineering Graphics	3
CENG 260	Civil Engineering Materials	3
CENG 301	Surveying and Geomatics	3
CENG 310	Steel Structures	3
CENG 312	Concrete Structures	3
CENG 320	Mechanical and Electrical Systems in Buildings	3
CENG 330	Construction Equipment and Methods	3
CENG 340	Structural Analysis and Design	3
CENG 360	Geotechnical Engineering	3
CENG 380	Fluid Mechanics and Hydraulics	3
CENG 410	Construction Cost Estimation, Planning, and Control	3
CENG 470	Construction Engineering Senior Design	4
MENG 211	Engineering Mechanics I (Statics)	3
MENG 212	Engineering Mechanics II (Dynamics)	3
MENG 221	Strength of Materials	3

		Total: 49 Credits

Computer Science		Credits:
MENG 201	Engineering Programming	3

Engineering Management		Credits:
IENG 240	Engineering Economics	3
IENG 245	Statistical Design I	3
IENG 251	Project Engineering	3
		Total: 9 Credits

Mathematics and Sciences Requirement		Credits:
CHEM 107	Engineering Chemistry I	4
MATH 180	Calculus II	4
MATH 260	Calculus III	4
MATH 320	Differential Equations	3
PHYS 180	General Physics II	4
		Total: 19 Credits

Electives		Credits:
	Technology Electives[4]	6
	STEM Elective[5]	3
	Liberal Arts General Elective	3
		Total: 9 Credits

[4] Choose six (6) credits of technical courses from CENG 300-level, CENG 400-level, MENG 300-level, MENG 400-level, IENG 300-level, IENG 400-level, ARCH 474, ARCH 475, or other courses with approval of the academic department chairperson.

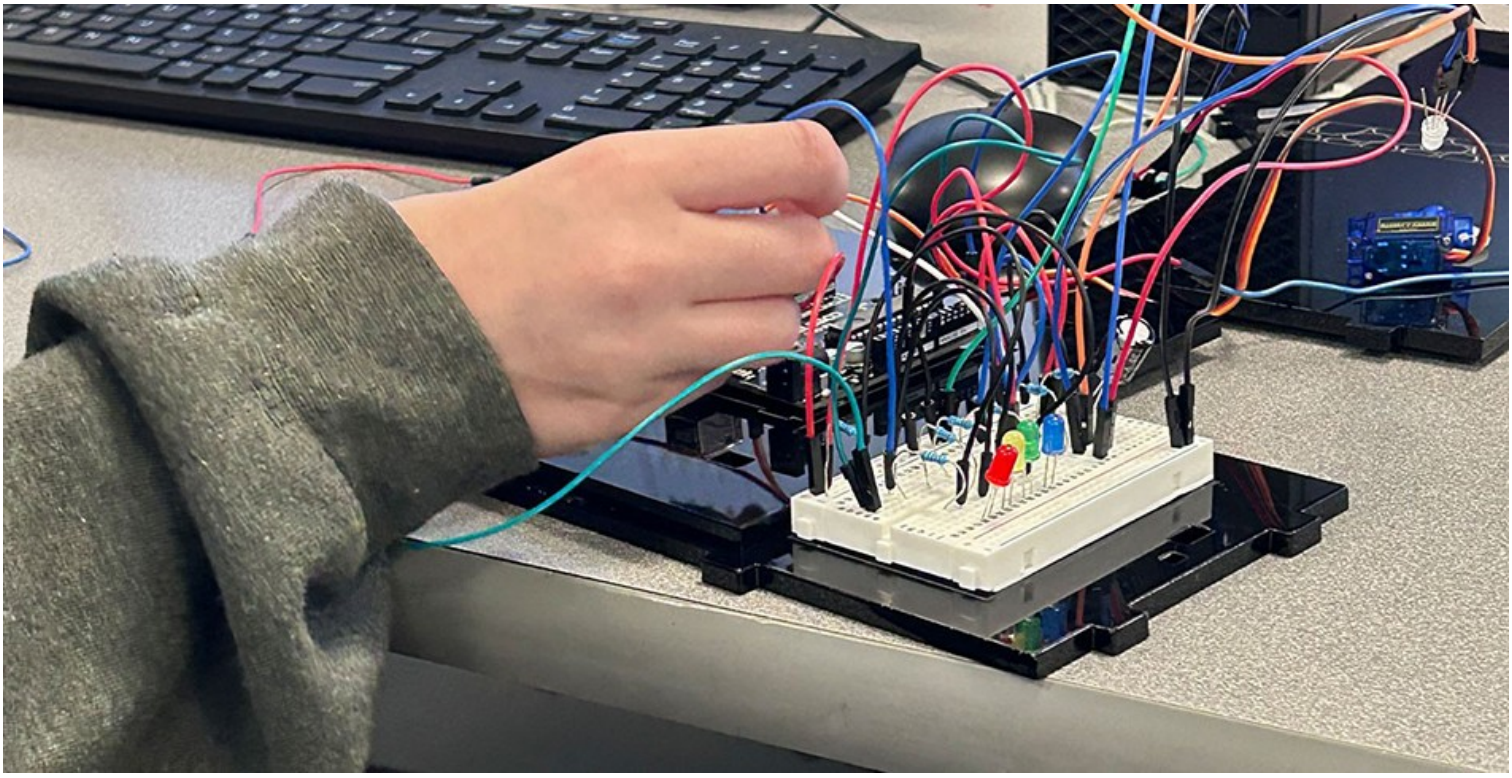
[5] Choose between 300- or 400-level MATH or PHYS course, or 300-level and above CoECS course.

Co-op Option (students take both courses)		Credits:
ETCS 300	Foundations for Success in CoECS Co-op	0
ETCS 301	CoECS Co-op	0
		Total: 0 Credits

Total Required Credits = 124–126

College of Engineering and Computing Sciences

Electrical and Computer Engineering, B.S.



Full-time Faculty: R.K. Amineh, N.S. Artan, S. Billis, B. Chalise, M. Colef, B. Dastgheib-Beheshti, Z. Dong, A. Farajidavar, A. Ilyas, A. Jafari, M. Ravan, Y. Saito, A. Santhanakrishnan, S. Wadoo, M. Wernicki

The primary goals of the Bachelor of Science in Electrical and Computer Engineering program at New York Institute of Technology are to produce well-rounded graduates with a broad range of skills, aptitudes, and interests who are prepared for successful careers in industry, government, or the pursuit of graduate studies.

These goals are satisfied by required and elective courses in liberal arts, humanities, science, mathematics, computer science, and electrical engineering with an increasing emphasis on design. Established sequences provide both depth and breadth in the major areas of study and offer a degree of flexibility through the choice of elective courses.

Today's engineering students must understand both hardware and software used in controls, signal processing, integrated circuits, communication networks, wireless communication, and computer operating systems. Our Electrical and Computer Engineering program addresses this need through a sequence of course requirements. The use of modern engineering tools and computers is integrated into nearly all engineering courses.

Two capstone courses provide students with a design experience under the guidance of a faculty advisor. This experience draws significantly on knowledge and skills acquired in previous coursework in digital control, embedded systems, and other areas. While projects may be self-contained, they incorporate engineering standards and practices and provide a major design experience as required by the Engineering Accreditation Commission of the ABET, Inc. Students work in teams to design a system or component of a system. Teams work independently, with the instructor serving as a mentor. Designs incorporate engineering standards and multiple realistic constraints such as their impact on society, health and environmental considerations, literature and patent search, and project management. Weekly progress reports and a final oral and written presentation are required.

The university's liberal arts and humanities core curriculum is designed to provide students with skills related to career and graduate school success and prepares them to be responsible citizens and engineers. To achieve this goal, the core curriculum offers a broad selection of advanced courses in social science, philosophy, and literature. Written and oral presentation skills are intended to carry over into major areas of study.

Co-op (Cooperative Education) Option

This B.S. program also offers a co-op option. The co-op program is a mechanism to enable students to prepare themselves for the job market while pursuing their undergraduate degrees. Typically, junior or senior students work full-time for six months at an industrial partner related to their major or career interests. During this time, students earn a salary and do not pay tuition. The skills, contacts, and real-world know-how gained through the co-op program—combined with what is learned in the classroom—creates a unique and holistic educational experience. Please note that the co-op option will extend the degree program by one semester. Enrolling in the co-op is optional, but students must apply for placement in the program. For details, please contact the co-op program coordinator.

Five-Year Accelerated Option

Students with a GPA above 3.0 can be accepted into the Accelerated M.S. Options program and become eligible to take three graduate-level courses in their junior and senior years, which can be applied to both their undergraduate and graduate degree requirements within the College of Engineering and Computing Sciences at no additional cost.

View details of this program

Five-Year Accelerated Option: B.S. in Electrical and Computer Engineering and M.S. in Computer Science – Accelerated Path to Master's Degree (APMD) Option

- The college offers a five-year accelerated degree option leading to a Bachelor of Science in Electrical and Computer Engineering and a Master of Science in Computer Science. For details, please contact the chairperson of the Department of Electrical and Computer Engineering.

Five-Year Accelerated Option: B.S. in Electrical and Computer Engineering and M.S. in Electrical and Computer Engineering – Accelerated Path to Master's Degree (APMD) Option

- The college offers a five-year accelerated degree option leading to a Bachelor of Science in Electrical and Computer Engineering and a Master of Science in Electrical and Computer Engineering. For details, please contact the chairperson of the Department of Electrical and Computer Engineering.

Five-Year Accelerated Option: B.S. in Electrical and Computer Engineering and M.S. in Cybersecurity – Accelerated Path to Master's Degree (APMD) Option

- The college offers a five-year accelerated degree option leading to a Bachelor of Science in Electrical and Computer Engineering and a Master of Science in Cybersecurity. For details, please contact the chairperson of the Department of Electrical and Computer Engineering.

Five-Year Accelerated Option: B.S. in Electrical and Computer Engineering and M.S. in Data Science – Accelerated Path to Master's Degree (APMD) Option

- The college offers a five-year accelerated degree option leading to a Bachelor of Science in Electrical and Computer Engineering and a Master of Science in Data Science. For details, please contact the chairperson of the Department of Electrical and Computer Engineering.

Objectives

Within this general direction and the mission of the College of Engineering and Computing Sciences, our program faculty, with input from stakeholders such as employers, alumni, and industrial advisory board members, have determined Program Educational Objectives to prepare versatile engineers who:

- Are successfully employed in engineering or their chosen career path
- Pursue graduate studies and/or continuing education in their field
- Function as responsible members of society through engagement in community or professional organizations

Outcomes

To support these objectives, the curriculum has been developed to provide student outcomes describing what degree candidates are expected to know and be able to do by the time they graduate. Upon graduation, students are expected to have:

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 judgment to draw conclusions.
7. An ability to acquire and apply new knowledge as needed, using appropriate learning strategies.

International F-1 students who successfully complete this degree are eligible for an additional 24-month STEM OPT extension to work in the U.S. in an area directly related to their area of study immediately upon completing the customary 12-month post-completion Optional Practical Training (OPT).

The Electrical and Computer Engineering, B.S. program on the Long Island and New York City campuses is accredited by the Engineering Accreditation Commission (EAC) of ABET, http://www.abet.org, under the General Criteria and the Program Criteria for Electrical, Computer, Communications, Telecommunication(s) and similarly named engineering programs.

The Department of Electrical and Computer Engineering also offers a graduate program leading to a Master of Science in Electrical and Computer Engineering.

This program has specific admission requirements in addition to our general requirements.

Admission Requirements

First Year

- If the student took the SAT, a minimum combined SAT score of 1080 (critical reading and math only), including a minimum score of 550 in math
  - If the student did not take the SAT/ACT or the student does not meet the SAT/ACT score requirement, they may be admitted to this program but must successfully complete Calculus I within the first three semesters. If the student is unable to successfully complete Calculus I in the first three semesters, their advisor will work with them to either choose another major within the College of Engineering and Computing Sciences, or choose a major in another college/school at New York Institute of Technology.
- Three years of math

Transfer

- Minimum cumulative GPA of 2.3
- Completed at least 12 credits of required math, physics, computer science, and engineering. Students may also satisfy these requirements by passing challenge examinations in these areas as provided for by university policies.

Students who have not chosen a specific program in engineering as a major or who do not fully satisfy the entrance requirements for engineering may be classified with an undeclared status in the College of Engineering and Computing Sciences up to the end of their second year. Transfer students and students who have completed more than two years of coursework should check with both their academic and financial aid advisors regarding their status as majors.

Application Materials

- Completed application
- $50 nonrefundable application fee
- Copies of transcripts of all high school work, including college-level courses. Your mid-year and final grades will be required. All final, official transcripts must be received prior to the start of your first semester.
- Official SAT (critical reading and math only) or ACT test scores. If you have fewer than 24 credits of previous college work completed, you will need to submit official SAT or ACT scores.
  - SAT Code: 2561, ACT Code: 2832
- Two letters of recommendation
- 300–350 word essay on one of the following topics:
  - Tell us about your career goals and why attending New York Tech would further these goals.
  - Describe the achievement of which you are most proud and why.

International Students Special Requirements

Academic Standards

Students enrolled in this program must successfully complete Calculus I within the first three semesters. If the student is unable to successfully complete Calculus I within the first three semesters, an academic advisor will work with the student to choose another major within the College of Engineering and Computing Sciences or a major in another school or college at the university.

Students enrolled in the Bachelor of Science program must earn a grade of C- or higher in all required computer science and engineering courses. Grades of D+ or below cannot be counted toward a student's degree.

In the case of a transfer student, grades of D+ or lower are not transferable for any computer science or engineering courses.

Undeclared students who intend to pursue a degree in computer science or engineering must meet the conditions above in order to qualify for entrance into the programs.

Repeating courses may impact eligibility for financial aid. Students should consult with a financial aid advisor before registering for a repeated course.

College of Engineering and Computing Sciences Curriculum

Curriculum Requirements for Bachelor of Science in Electrical and Computer Engineering

General Education

Foundations		Credits:
FCWR 101	Writing I: Foundations of College Composition[1]	3
FCWR 151	Writing II: Foundations of Research Writing[1]	3
FCWR 304	Communication for Technical Professions	3
		Total: 9 Credits

[1] Intensive English as a second language is not acceptable as a substitution for any of these requirements. The only permissible substitution is FCWR 111 and FCWR 161 in place of FCWR 101 and FCWR 151.

Data Literacy		Credits:
DATA 101	Making Sense of a Data-Oriented Society	3

Social Science Core		Credits:
IENG 400	Technology and Global Issues[2]	3

[2] Cross-listed with ICSS 309.

Seminars (select courses from three of the four areas)		Credits:
ICBS 3XX	Behavioral Science choice	3
ICLT 3XX	Literature choice[3]	3
ICPH 3XX	Philosophy choice[3]	3
ICSS 3XX	Social Science choice	3
		Total: 9 Credits

Students must take three seminar courses from three different areas of study.

[3] Students are strongly encouraged to take at least one seminar course with an ethics component. Options are: ICLT 302, ICLT 303, ICPH 304, or ICPH 306. Depending on the choice, it will satisfy either the Literature or Philosophy core requirement.

Math and Science		Credits:
MATH 170	Calculus I	4
CHEM 107	Engineering Chemistry I	4
		Total: 8 Credits

Major Requirements

Engineering Technology		Credits:
ETCS 105	Career Discovery[4]	2

[4] This course may be waived for students and transfers with sophomore or higher status. All course substitutions must be approved by the department chairperson.

Electrical Engineering		Credits:

EENG 125	Fundamentals of Digital Logic	3
EENG 212	Electrical Circuits I and Engineering Tools	4
EENG 270	Electronics I	3
EENG 275	Electronics Laboratory I	1
EENG 281	Electrical Circuits II	3
EENG 310	Electronics II	3
EENG 315	Electronics Laboratory II	1
EENG 320	Control Systems	3
EENG 330	Electromagnetic Theory I	3
EENG 341	Signal and Systems	3
EENG 360	Electronics Laboratory III	1
EENG 371	Microprocessors and Embedded Systems	3
EENG 382	Random Signals and Statistics	3
EENG 401	Communication Theory	3
EENG 403	Electronics Laboratory IV	1
EENG 489	Design Project	2
EENG 491	Senior Design Project	2
EENG/CSCI XXX	Electives[5]	6
		Total: 48 Credits

[5] All electives must be approved by the department.

Computer Science		Credits:
CSCI 125	Computer Programming I	3
CSCI 155	Computer Organization and Architecture	3
CSCI 185	Computer Programming II	3
CSCI 235	Elements of Discrete Structures	3
CSCI 260	Data Structures	3
CSCI 330	Operating Systems	3
		Total: 18 Credits

Mechanical Engineering		Credits:
MENG 211	Engineering Mechanics I (Statics)	3

Mathematics		Credits:
MATH 180	Calculus II	4
MATH 260	Calculus III	4
MATH 310	Linear Algebra	3
MATH 320	Differential Equations	3
		Total: 14 Credits

Physics		Credits:

PHYS 170	General Physics I	4
PHYS 180	General Physics II	4
PHYS 225	Intro to Modern Physics	3
		Total: 11 Credits

Liberal Arts Electives		Credits:
	Consult with advisor on all elective choices	3

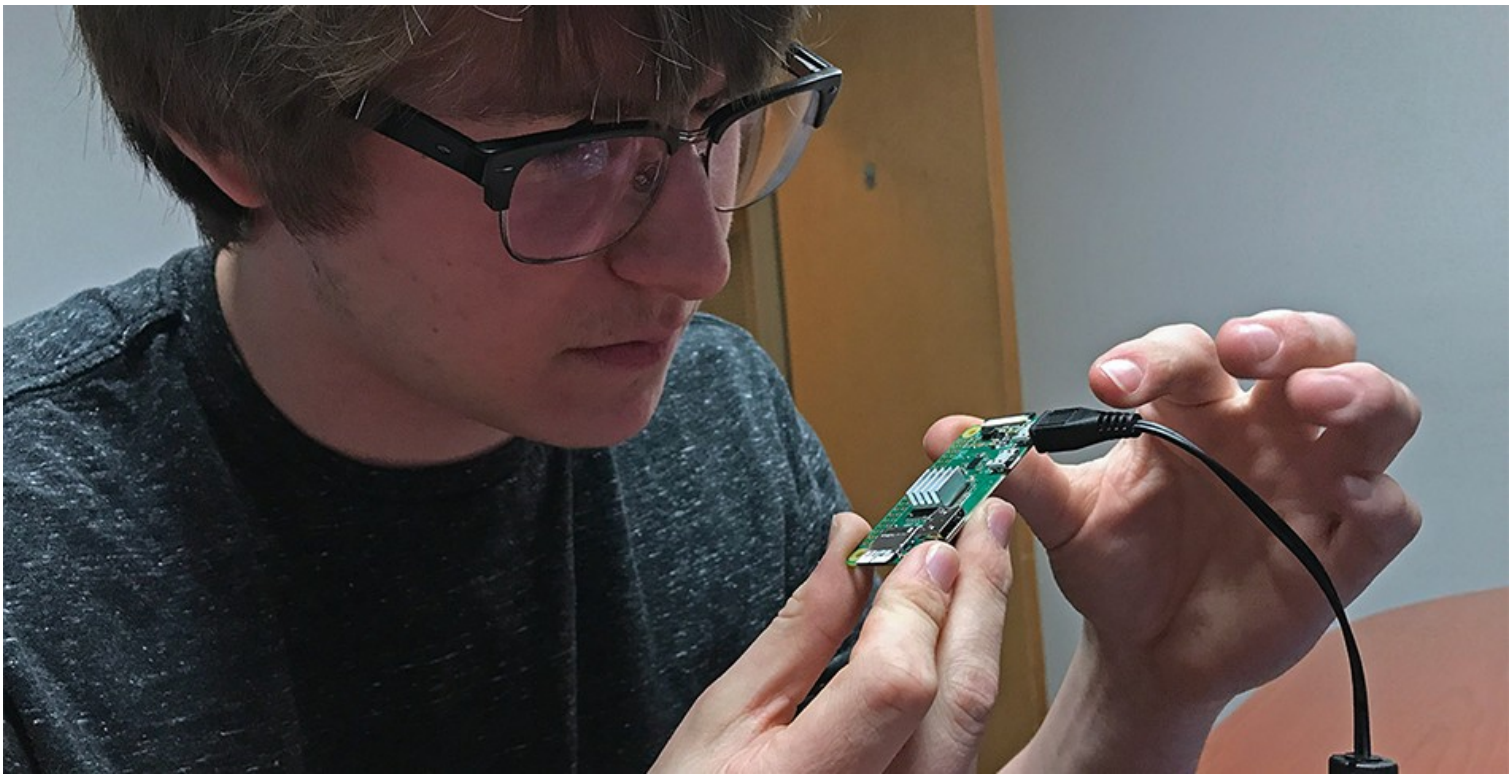
STEM Elective		Credits:
	MATH, PHYS, or a course offered by the department. Choice must be approved by the department.	3

Co-op Option (students take both courses)		Credits:
ETCS 300	Foundations for Success in CoECS Co-op	0
ETCS 301	CoECS Co-op	0
		Total: 0 Credits

Total Required Credits = 132–134

College of Engineering and Computing Sciences

Electrical and Computer Engineering Technology, B.S.



Full-time Faculty: K. Ahmed, L. Amani, L. Amara, R. Duke, R. Meyers, L. Pavlidis

Students in this program receive the value of a practice-oriented engineering education that prepares them for real world electrical and computer engineering technology careers. Our program is one of just a few that bridges the two major areas of electrical technology and computer technology. Students enrolled in this program obtain the opportunity to receive training in both fields. They will acquire the theoretical background and practical skills that enables them to build electrical and computer-based systems, to apply programming techniques that drive devices and/or systems, to design IOT applications, to design software apps, to analyze communications circuits and control systems, to design and analyze basic fiber optics communications links, to understand and apply technologies to the many layers of computer networking, to apply the techniques learned from project engineering courses, etc. To keep abreast of current practices in the electrical and computer engineering technology industry, we update our program's curriculum on a regular basis—starting in spring 2024, we introduced a brand-new course, Wireless Communication Technology (ETEC 422), to provide expanded career opportunities for our students enlisting the recently blooming 5G/6G IoT domain.

The results of our ECET alumni surveys show that our graduates hold positions in a wide range of technical areas. These positions include work dealing with component design, testing and evaluation, production engineering, design, development and distribution, field engineering, quality control, technical management, and information technology. Our graduates continue to play a major role in the industry, bridging technology and human needs to enhance people's daily life while ensuring protection of our environment.

Our graduates can look forward to working with state and city agencies, and, in most states, after three years of field experience, they will automatically qualify to sit for the Professional Engineer Exam.

In keeping with the mission of our college, and using input from like-minded stakeholders such as employers, alumni, and our own Industrial Advisory Board, our faculty have identified three program educational objectives. We have designed these objectives to prepare a body of versatile graduates who:

- Will secure successful employment in electrical and computer engineering technology or a related career path
- Will pursue graduate studies and/or continuing education in their field of expertise
- Will function as responsible members of society through engagement in community and/or professional organizations

To support these objectives, our curriculum articulates six disparate student outcomes. By the time of graduation, students must have demonstrated:

1. An ability to apply knowledge, techniques, skills and modern tools of mathematics, science, engineering, and technology to solve broadly defined engineering problems appropriate to the discipline.
2. An ability to design systems, components, or processes meeting specified needs for broadly defined engineering problems appropriate to the discipline, specifically the application of circuit analysis and design, computer programming, associated software, analog and digital electronics, microcomputers, and engineering standards to the building, testing, operation, and maintenance of electrical/electronic(s) systems; and the ability to analyze, design, and implement control systems, instrumentation systems, communications systems, computer systems, or power systems.
3. An ability to apply written, oral, and graphical communication in broadly defined technical and non-technical environments, and the ability to identify and use appropriate technical literature.
4. An ability to conduct standard tests, measurements, and experiments and to analyze and interpret the results to improve processes and to apply project management techniques to electrical/electronic(s) and/or computer systems.
5. An ability to function effectively as a member or leader on a technical team.
6. A commitment to professional responsibilities, ethical responsibilities, respect for diversity and quality, and continuous improvement.

Entering students enroll directly in our program as candidates for the Bachelor of Science degree. We also admit prospective students holding an A.A.S. degree in electronics/electrical engineering technology or other related areas as junior-year candidates in our baccalaureate degree program.

Co-op (Cooperative Education) Option

This B.S. program also offers a co-op option. The co-op program is a mechanism to enable students to prepare themselves for the job market while pursuing their undergraduate degrees. Typically, junior or senior students work full-time for six months at an industrial partner related to their major or career interests. During this time, students earn a salary and do not pay tuition. The skills, contacts, and real-world know-how gained through the co-op program—combined with what is learned in the classroom—creates a unique and holistic educational experience. Please note that the co-op option will extend the degree program by one semester. Enrolling in the co-op is optional, but students must apply for placement in the program. For details, please contact the co-op program coordinator.

Five-Year Accelerated Option – Accelerated Path to Master's Degree (APMD)

The college offers an accelerated five-year accelerated degree option leading to a Bachelor of Science in Electrical and Computer Engineering Technology and a selected number of Master of Science Degrees. Students with a GPA above 3.0 can be accepted into the Accelerated M.S. Options program and become eligible to take three graduate-level courses in their junior and senior years, which can be applied to both their undergraduate and graduate degree requirements within the College of Engineering and Computing Sciences at no additional cost.

For details, please visit the Accelerated Program Options page, and contact the chairperson of the Department of Electrical and Computer Engineering Technology.

International F-1 students who successfully complete this degree are eligible for an additional 24-month STEM OPT extension to work in the U.S. in an area directly related to their area of study immediately upon completing the customary 12-month post-completion Optional Practical

Training (OPT).

The Electrical and Computer Engineering Technology, B.S. program on the New York City campus is accredited by the Engineering Technology Accreditation Commission (ETAC) of ABET, http://www.abet.org, under the General Criteria and Program Criteria for Computer Engineering Technology and similarly named programs, and Program Criteria for Electrical/Electronic(s) Engineering Technology and similarly named programs.

This program follows our general admission requirements.

Application Materials

- Completed application
- $50 nonrefundable application fee
- Copies of transcripts of all high school work, including college-level courses. Your midyear and final grades will be required. All final, official transcripts must be received prior to the start of your first semester.
- First-time, first-year applicants may choose to submit their application without standardized test scores to be considered for admission to New York Institute of Technology. You also have the option of submitting test results if you feel your academic strength is best reflected by your scores:
  - SAT Code: 2561, ACT Code: 2832
- Two letters of recommendation
- 300–350 word essay on one of the following topics:
  - Tell us about your career goals and why attending New York Tech would further these goals.
  - Describe the achievement of which you are most proud and why.

International Students Special Requirements

College of Engineering and Computing Sciences Curriculum

Curriculum Requirements for Bachelor of Science in Electrical and Computer Engineering Technology

General Education

Foundations		Credits:
FCWR 101	Writing I: Foundations of College Composition[1]	3
FCWR 151	Writing II: Foundations of Research Writing[1]	3
FCWR 304	Communication for Technical Professions	3
		Total: 9 Credits

[1] Intensive English as a second language is not acceptable as a substitution for any of these requirements. The only permissible substitution is FCWR 111 and FCWR 161 in place of FCWR 101 and FCWR 151.

Data Literacy		Credits:
DATA 101	Making Sense of a Data-Oriented Society	3

Social Science Core		Credits:
IENG 400	Technology and Global Issues[2]	3

[2] Cross-listed with ICSS 309.

Seminars (select courses from three of the four areas)		Credits:
ICBS 3XX	Behavioral Science choice	3
ICLT 3XX	Literature choice[3]	3
ICPH 3XX	Philosophy choice[3]	3
ICSS 3XX	Social Science choice	3
		Total: 9 Credits

Students must take three seminar courses from three different areas of study.

[3] Students are strongly encouraged to take at least one seminar course with an ethics component. Options are: ICLT 302, ICLT 303, ICPH 304, or ICPH 306. Depending on the choice, it will satisfy either the Literature or Philosophy core requirement.

Math and Science		Credits:
MATH 135	Fundamentals of Precalculus I	4
PHYS 130	Introductory Physics	3
		Total: 7 Credits

Major Requirements

Engineering Technology		Credits:
ETCS 105	Career Discovery[4]	2

[4] This course may be waived for students and transfers with sophomore or higher status. All course substitutions must be approved by the department chairperson.

Electrical Technology		Credits:
ETEC 110	Electrical Technology I	4
ETEC 120	Electrical Technology II	4
ETEC 131	Electronics Technology I	4
ETEC 231	Electronics Technology II	4
ETEC 310	Communication Circuits	4
ETEC 325	Applied Statistics	3
ETEC 410	Control Systems Technology	4
ETEC 495	Electrical Engineering Technology Senior Design	3
	—OR—	
CTEC 495	Computer Technology Seminar Project	3
		Total: 30 Credits

Computer Technology		Credits:
CTEC 204	Programming Techniques I	3
CTEC 208	Programming Techniques II	3
CTEC 216	Digital Electronics	4

CTEC 235	Microcomputers I	4
CTEC 241	Circuit Design and Fabrication	4
CTEC 243	Applied Computational Analysis I	3
CTEC 247	Applied Computational Analysis II	3
CTEC 336	Embedded Systems and Internet of Things (IoT)	4
CTEC 350	Microcontroller Based Systems	3
		Total: 31 Credits

Electrical and Computer Technology Electives (choose three from the following[5])		Credits:
CTEC 315	Mobile Application Design and Development	3
CTEC 430	Digital Signal Processing	3
CTEC 460	Computer Networking Technology	3
CTEC 471	Internet Development	3
ETEC 422	Wireless Communication Technology	3
ETEC 470	Fiber-Optic Communication Technology	3
ETEC 490	Special Topics	3
ETEC 491	Special Topics II	3
		Total: 9 Credits

[5] Other advanced ETEC/CTEC electives with the approval of the chairperson.

Engineering Management		Credits:
IENG 240	Engineering Economics	3
IENG 251	Project Engineering	3
		Total: 6 Credits

Mathematics and Physics		Credits:
MATH 136	Fundamentals of Precalculus II	4
MATH 161	Basic Applied Calculus	3
PHYS 150	Introductory Physics II	3
		Total: 10 Credits

Electives		Credits:
	Liberal Arts or Science Elective	3
	Liberal Arts Electives	6
		Total: 9 Credits

Consult with advisor on all elective choices.

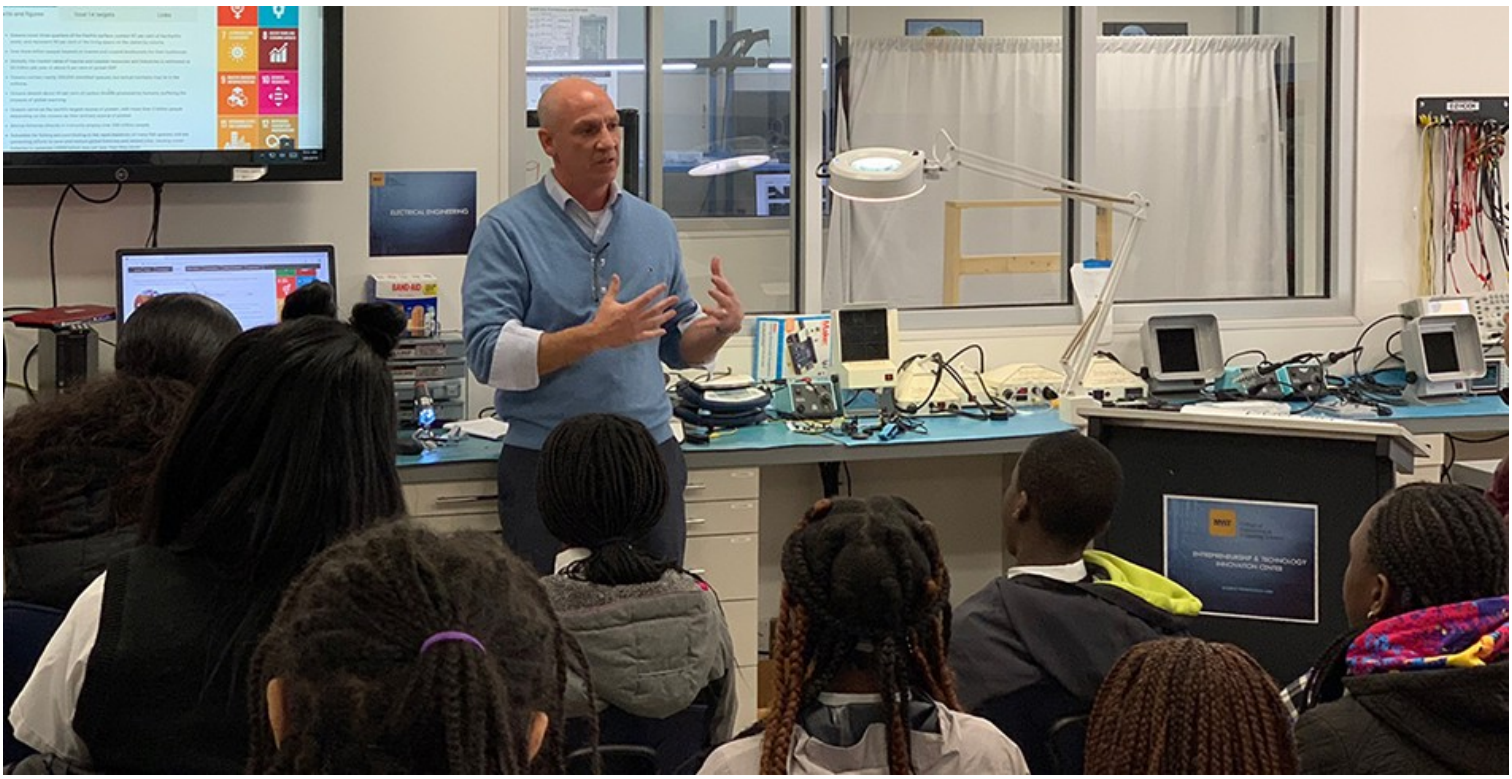
Co-op Option (students take both courses)		Credits:
ETCS 300	Foundations for Success in CoECS Co-op	0
ETCS 301	CoECS Co-op	0

Total: 0 Credits

Total Required Credits = 126–128

College of Engineering and Computing Sciences

Engineering Management, B.S.



Full-time Faculty: X. Yu, J. Scire, F. Li, W. Zeng, T. Ioppolo, Q. Liu, J. Seidel, A. Boldini

The primary objectives of the engineering management curriculum (as written in the college catalog and on the department's website) are to produce versatile engineering graduates capable of growth within industry or prepared to pursue advanced studies. The objectives listed below reflect New York Institute of Technology's overall mission: career-oriented education to prepare students for successful careers in an information-age society and applications-oriented research; expanding the knowledge base of society; and contributing to economic development of the region, state, and nation.

The important mission element to emphasize is the applied orientation of the college in general, and the engineering programs in particular. In our Engineering Management program, students will learn about engineering leadership, financial management, project analysis, operations management, and quality control. Our engineering management curriculum is complemented by a core liberal arts curriculum that includes critical thinking, communications, and other skills needed in today's global marketplace. Established sequences for students provide them with a broad education and the flexibility to allow some degree of depth in an area of interest.

Providing the curriculum's backbone are the sciences, mathematics, and the basic levels of engineering management courses, which constitute the fundamental knowledge base needed by students for an array of advanced courses. The university's liberal arts and humanities core curriculum is designed to provide students with additional knowledge and skills related to job and graduate school success. It is concerned with the student as a citizen and community leader; to that end, it provides a broad selection of history, philosophy, and literature. One of the major features of the core curriculum is an emphasis on learning through written, oral, and electronic presentations. These communication skills carry over effectively into advanced mechanical engineering courses.

Within this general direction and the mission and vision of the College of Engineering and Computing Sciences, our program faculty, with input from stakeholders such as employers, alumni, and industrial advisory board members, have determined program educational objectives to prepare versatile engineers who:

- Are successfully employed in engineering or their chosen career path
- Pursue graduate studies and/or continuing education in their field
- Function as responsible members of society through engagement in community or professional organizations

To support these objectives, the curriculum has been developed to provide student outcomes that describe what degree candidates are expected to know and be able to do by the time they graduate. Upon graduation, students are expected to have an ability to:

- Apply knowledge of mathematics, science, and engineering
- Design and conduct experiments and analyze and interpret data
- Design a system, component, or process to meet desired needs within realistic constraints such as economic, environmental, social, political, ethical, health and safety, manufacturability, and sustainability
- Collaborate on multidisciplinary teams
- Identify, formulate, and solve engineering problems
- Understand professional and ethical responsibility
- Communicate effectively
- Understand with broad education the impact of engineering solutions in global, economic, environmental, and societal contexts
- Engage in and recognize the need for lifelong learning
- Understand and know about contemporary issues
- Use the techniques, skills, and modern engineering tools necessary for engineering practice

International F-1 students who successfully complete this degree are eligible for an additional 24-month STEM OPT extension to work in the U.S. in an area directly related to their area of study immediately upon completing the customary 12-month post-completion Optional Practical Training (OPT).

Co-op (Cooperative Education) Option

This B.S. program also offers a co-op option. The co-op program is a mechanism to enable students to prepare themselves for the job market while pursuing their undergraduate degrees. Typically, junior or senior students work full-time for six months at an industrial partner related to their major or career interests. During this time, students earn a salary and do not pay tuition. The skills, contacts, and real-world know-how gained through the co-op program—combined with what is learned in the classroom—creates a unique and holistic educational experience. Please note that the co-op option will extend the degree program by one semester. Enrolling in the co-op is optional, but students must apply for placement in the program. For details, please contact the co-op program coordinator.

Five-Year Accelerated Option: B.S. in Engineering Management and M.S. in Energy Management

The college offers a five-year accelerated degree option leading to a Bachelor of Science in Engineering Management and a Master of Science in Energy Management. Students with a GPA above 3.0 can be accepted into the Accelerated M.S. Options program and become eligible to take three graduate-level courses in their junior and senior years, which can be applied to both their undergraduate and graduate degree requirements within the College of Engineering and Computing Sciences at no additional cost. For details, please contact the chairperson of the Department of Mechanical Engineering.

This program follows our general admission requirements.

Application Materials

- Completed application
- $50 nonrefundable application fee
- Copies of transcripts of all high school work, including college-level courses. Your midyear and final grades will be required. All final, official transcripts must be received prior to the start of your first semester.
- First-time, first-year applicants may choose to submit their application without standardized test scores to be considered for admission to New York Institute of Technology. You also have the option of submitting test results if you feel your academic strength is best reflected by your scores:
  - SAT Code: 2561, ACT Code: 2832
- Two letters of recommendation

- 300–350 word essay on one of the following topics:

  - Tell us about your career goals and why attending New York Tech would further these goals.
  - Describe the achievement of which you are most proud and why.

International Students Special Requirements

College of Engineering and Computing Sciences Curriculum

Curriculum Requirements for Bachelor of Science in Engineering Management

General Education

Foundations		Credits:
FCWR 101	Writing I: Foundations of College Composition[1]	3
FCWR 151	Writing II: Foundations of Research Writing[1]	3
FCWR 304	Communication for Technical Professions	3
		Total: 9 Credits

[1] Intensive English as a second language is not accepted as a substitution for any of these requirements. The only permissible substitution is FCWR 111 and FCWR 161 in place of FCWR 101 and FCWR 151.

Data Literacy		Credits:
DATA 101	Making Sense of a Data-Oriented Society	3

Social Science Core		Credits:
IENG 400	Technology and Global Issues[2]	3

[2] Cross-listed with ICSS 309.

Seminars (select courses from three of the four areas)		Credits:
ICBS 3XX	Behavioral Science choice	3
ICLT 3XX	Literature choice	3
ICPH 3XX	Philosophy choice	3
ICSS 3XX	Social Science choice	3
		Total: 9 Credits

Students must take three seminar courses from three different areas of study.

Math and Science		Credits:
MATH 135	Fundamentals of Precalculus I	4
CHEM 107	Engineering Chemistry I	4
		Total: 8 Credits

Major Requirements

Engineering Technology		Credits:
ETCS 105	Career Discovery[3]	2

[3] This course may be waived for students and transfers with sophomore or higher status. All course substitutions must be approved by the department chairperson.

Industrial Engineering		Credits:
IENG 240	Engineering Economics	3
IENG 245	Statistical Design I	3

IENG 251	Project Engineering	3
IENG 345	Statistical Design II	3
IENG 350	Quality Control and Reliability	3
IENG 380	Operations Research I	3
IENG 421	Technology and Entrepreneurship	3
IENG 450	Systems Engineering and Analysis	3
IENG 475	Industrial Engineering Design I	3
IENG 510	Energy Management	3
IENG XXX	Industrial Engineering Electives[4]	6
		Total: 36 Credits

[4] Choose from IENG 3XX, IENG 4XX, IENG 5XX, ENGY 6XX, ENGY 7XX, or other courses approved by the department chairperson.

Management[5]		Credits:
ACCT 101	Accounting I	3
ECON 202	Principles of Economics I	3
FINC 201	Corporation Finance	3
MGMT 102	Principles of Management	3
MGMT 370	Organizational Behavior	3
MRKT 102	Introduction to Marketing	3
		Total: 18 Credits

[5] All management electives and substitutions for any required management courses must be approved by the department chairperson.

Mechanical Engineering		Credits:
MENG 105	Engineering Graphics	1
MENG 201	Engineering Programming	3
MENG 310	Introduction to Material Sciences	3
		Total: 7 Credits

Mathematics and Physics		Credits:
MATH 136	Fundamentals of Precalculus II	4
MATH 161	Basic Applied Calculus	3
PHYS 130	Introductory Physics	3
PHYS 150	Introductory Physics II	3
		Total: 13 Credits

Electives		Credits:
	Liberal Arts Electives	6
	Technical Elective[6]	3
	STEM Elective[7]	6
		Total: 15 Credits

[6] Technical electives may be advanced level mathematics and engineering courses, such as MENG 211, MENG 321, MATH 180, MATH 260, MATH 310, MATH 320, or other courses approved by the chair.

[7] STEM electives may be any PHYS, MATH, or course offered by the College of Engineering and Computing Sciences.

Co-op Option (students take both courses)		Credits:
ETCS 300	Foundations for Success in CoECS Co-op	0
ETCS 301	CoECS Co-op	0
		Total: 0 Credits

Total Required Credits = 123

College of Engineering and Computing Sciences

Information Technology, B.S.

Full-time Faculty: M. Akhtar, K. Balagani, S. Billis, H. Cao, J. Cheng, M. Colef, F. Fischman, S. Gass, P. Gasti, H. Gu, X. Huang, A. Jafari, F. Lee, W. Li, Y. Saito, G. Salayka Jr., T. Zhang

New York Institute of Technology's Bachelor of Science in Information Technology with a focus on computer security produces well-rounded graduates with a range of skills, aptitudes, and interests. Our graduates pursue successful careers in industry and government and/or advanced graduate studies. Our courses prepare students in information technology, computer science, liberal arts, humanities, and life sciences. Established sequences provide depth and breadth in the major areas of study and offer a degree of flexibility through a choice of elective courses allowing students to specialize in areas of interest.

Students can also select a minor in any area of interest such as communication arts, business, architecture, and others. Minors can provide students with an opportunity to focus in an area of application and interest. In addition to the university's extensive computer facilities, students have access to state-of-the-art laboratories in computer and network security, electronics, telecommunications, and more.

Graduates may find employment in a variety of technical career roles such as software engineer, network administrator, systems analyst, computer programmer, sales engineer, or technical consultant.

Co-op (Cooperative Education) Option

This B.S. program also offers a co-op option. The co-op program is a mechanism to enable students to prepare themselves for the job market while pursuing their undergraduate degrees. Typically, junior or senior students work full-time for six months at an industrial partner related to their major or career interests. During this time, students earn a salary and do not pay tuition. The skills, contacts, and real-world know-how gained through the co-op program—combined with what is learned in the classroom—creates a unique and holistic educational experience. Please note that the co-op option will extend the degree program by one semester. Enrolling in the co-op is optional, but students must apply for placement in the program. For details, please contact the co-op program coordinator.

Five-Year Accelerated Option

Students with a GPA above 3.0 can be accepted into the Accelerated M.S. Options program and become eligible to take three graduate-level courses in their junior and senior years, which can be applied to both their undergraduate and graduate degree requirements within the College of Engineering and Computing Sciences at no additional cost.

View details of this program

Five-Year Accelerated Option: B.S. in Information Technology and M.S. in Computer Science – Accelerated Path to Master's Degree (APMD) Option

- The college offers a five-year accelerated degree option leading to a Bachelor of Science in Information Technology and a Master of Science in Computer Science. For details, please contact the chairperson of the Department of Computer Science.

Five-Year Accelerated Option: B.S. in Information Technology and M.S. in Cybersecurity – Accelerated Path to Master's Degree (APMD) Option

- The college offers a five-year accelerated degree option leading to a Bachelor of Science in Information Technology and a Master of Science in Cybersecurity. For details, please contact the chairperson of the Department of Computer Science.

Five-Year Accelerated Option: B.S. in Information Technology and M.S. in Data Science – Accelerated Path to Master's Degree (APMD) Option

- The college offers a five-year accelerated degree option leading to a Bachelor of Science in Information Technology and a Master of Science in Data Science. For details, please contact the chairperson of the Department of Computer Science.

Objectives

Within this general direction and the mission of the College of Engineering and Computing Sciences, our faculty members, with input from stakeholders such as employers, alumni, and industrial advisory board members, have determined program educational objectives to prepare versatile information technologists who:

- Are successfully employed in information technology or their chosen career path
- Pursue graduate studies and/or continuing education in their field
- Function as responsible members of society through engagement in community or professional organizations

To support these objectives, the curriculum has been developed to provide student outcomes describing what degree candidates are expected to know and be able to do by the time they graduate. Upon graduation, students are expected to have the ability to:

- Apply knowledge of computing and mathematics appropriate to the discipline
- Analyze a problem and identify and define the computing requirements appropriate to its solution
- Design, implement, and evaluate a computer-based system, process, component, or program to meet desired needs
- Collaborate effectively on teams to accomplish a common goal
- Understand professional, ethical, legal, security, and social issues and responsibilities
- Communicate effectively with a range of audiences
- Analyze the local and global impacts of computing on individuals, organizations, and society
- Engage in and recognize the need for continuing professional development
- Use current techniques, skills, and tools necessary for computing practice
- Use and apply current technical concepts and practices in the core information technologies
- Identify and analyze user needs and take them into account in the selection, creation, evaluation, and administration of computer-based systems
- Effectively integrate IT-based solutions into the user environment
- Understand best practices and standards and their application
- Assist in the creation of an effective project plan

International F-1 students who successfully complete this degree are eligible for an additional 24-month STEM OPT extension to work in the U.S. in an area directly related to their area of study immediately upon completing the customary 12-month post-completion Optional Practical Training (OPT).

This program follows our general admission requirements.

Application Materials

- Completed application
- $50 nonrefundable application fee
- Copies of transcripts of all high school work, including college-level courses. Your midyear and final grades will be required. All final, official transcripts must be received prior to the start of your first semester.
- First-time, first-year applicants may choose to submit their application without standardized test scores to be considered for admission to New York Institute of Technology. You also have the option of submitting test results if you feel your academic strength is best reflected by your scores:
  - SAT Code: 2561, ACT Code: 2832
- Two letters of recommendation

- 300–350 word essay on one of the following topics:

  - Tell us about your career goals and why attending New York Tech would further these goals.
  - Describe the achievement of which you are most proud and why.

International Students Special Requirements

College of Engineering and Computing Sciences Curriculum

Curriculum Requirements for B.S. in Information Technology, Information and Network Security Option

General Education

Foundations		Credits:
FCWR 101	Writing I: Foundations of College Composition[1]	3
FCWR 151	Writing II: Foundations of Research Writing[1]	3
FCWR 304	Communication for Technical Professions	3
		Total: 9 Credits

[1] Intensive English as a second language is not acceptable as a substitution for any of these requirements. The only permissible substitution is FCWR 111 and FCWR 161 in place of FCWR 101 and FCWR 151.

Data Literacy		Credits:
DATA 101	Making Sense of a Data-Oriented Society	3

Social Science Core		Credits:
IENG 400	Technology and Global Issues[2]	3

[2] Cross-listed with ICSS 309.

Seminars (select courses from three of the four areas)		Credits:
ICBS 3XX	Behavioral Science choice	3
ICLT 3XX	Literature choice	3
ICPH 3XX	Philosophy choice	3

ICSS 3XX	Social Science choice	3
		Total: 9 Credits

Students must take three seminar courses from three different areas of study.

Math and Science		Credits:
MATH 161	Basic Applied Calculus	3
PHYS XXX	Physics choice	3
		Total: 6 Credits

Major Requirements

Engineering Technology		Credits:
ETCS 105	Career Discovery[3]	2
ETCS 108	Computer, Internet, and Society	3
		Total: 3–5 Credits

[3] This course may be waived for students and transfers with sophomore or higher status. All course substitutions must be approved by the department chairperson.

Computer Science		Credits:
CSCI 125	Computer Programming I	3
CSCI 155	Computer Organization and Architecture	3
CSCI 185	Computer Programming II	3
CSCI 235	Elements of Discrete Structures	3
CSCI 260	Data Structures	3
CSCI 330	Operating Systems	3
CSCI 345	Computer Networks	3
		Total: 21 Credits

Information Technology		Credits:
ITEC 251	Applied Discrete Structures I	3
ITEC 290	Database Systems	3
ITEC 305	Internet Programming I	3
ITEC 320	Web-based Multimedia Development I	3
ITEC 357	Cisco Academy Level 1	3
		Total: 15 Credits

Professional Options (choose one of the following below): Information and Network Security Option or General Option

Information and Network Security Option (choose three courses)		Credits:
ITEC 365	Secure Programming	3
ITEC 310	Introduction to Network and Internet Security	3

ITEC 440	Advanced Network and Internet Security	3
ITEC 445	Operating System Security	3
ITEC 450	Seminar Project	3
ITEC 460	Topics in Information Technology	3
ITEC XXX	Elective	3
		Total: 9 Credits

General Option (choose three courses)		Credits:
CSCI/ITEC XXX	Electives[4]	9
		Total: 9 Credits

[4] Electives must be 300- or 400-level CSCI/ITEC courses that are approved by the department.

Engineering Management		Credits:
IENG 251	Project Engineering	3

Management		Credits:
MGMT 421	Cyber Law, Policy, and Ethics	3

Electives		Credits:
	General Electives	12
	Liberal Arts Electives	6
	Mathematics Elective	3
	Science Elective	3
	Science and Technology Electives[5]	12
		Total: 36 Credits

[5] Science and Technology Electives can be any PHYS, MATH, or any other courses offered by CoECS.

Co-op Option (students take both courses)		Credits:
ETCS 300	Foundations for Success in CoECS Co-op	0
ETCS 301	CoECS Co-op	0
		Total: 0 Credits

Total Required Credits = 120–122

College of Engineering and Computing Sciences

Mechanical Engineering, B.S.

Full-time Faculty: X. Yu, J. Scire, F. Li, T. Ioppolo, Q. Liu, W. Zeng, K. Mishra, J. Seidel

New York Institute of Technology offers courses leading to the Bachelor of Science in Mechanical Engineering at the Long Island campus. Students have the option of selecting a concentration of courses in aerospace engineering in the mechanical engineering option.

The primary objectives of the mechanical engineering curriculum (as written in the college catalog and on the department's website) are to produce versatile engineering graduates capable of growth within the industry or prepared to pursue advanced studies. The objectives listed below reflect New York Tech's overall mission: career-oriented education to prepare students for successful careers in an information-age society and applications-oriented research, expanding the knowledge base of society, and contributing to economic development of the region, state, and nation.

The important mission element to emphasize is the applied orientation of the college in general, and the engineering programs in particular. Emphasis is on the design/computer/applications components in the spectrum of mechanical engineering programs, and objectives are fulfilled by courses in the sciences, humanities, and mechanical engineering, with increasing emphasis on design. Established sequences for students provide them with a broad education and the flexibility to allow some degree of depth in an area of interest.

Providing the curriculum's backbone are the sciences, mathematics, and the basic levels of mechanical engineering courses, which constitute the fundamental knowledge base needed by students for an array of advanced courses. The university's liberal arts and humanities core curriculum is designed to provide students with additional knowledge and skills related to job and graduate school success. It is concerned with the student as a citizen and community leader; to that end, it provides a broad selection of history, philosophy, and literature. One of the major features of the core curriculum is an emphasis on learning through written, oral, and electronic presentations. These communication skills carry over effectively into advanced mechanical engineering courses.

Design courses include a capstone course and two electives, the latter chosen depending on a student's interests. Design projects encompass engineering components using the skills developed throughout the curriculum, economic issues appropriate to the effective practice of engineering, and written language and oral communication skills.

Within this general direction and the mission and vision of the College of Engineering and Computing Sciences, our program faculty, with input from stakeholders such as employers, alumni, and industrial advisory board members, have determined program educational objectives to prepare versatile engineers who:

- Are successfully employed in engineering or their chosen career path
- Pursue graduate studies and/or continuing education in their field
- Function as responsible members of society through engagement in community or professional organizations

To support these objectives, the curriculum has been developed to provide student outcomes that describe what degree candidates are expected to know and be able to do by the time they graduate. Upon graduation, students are expected to have:

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 judgment to draw conclusions.
7. An ability to acquire and apply new knowledge as needed, using appropriate learning strategies.

Aerospace Engineering Concentration

The concentration in Aerospace Engineering is designed to give mechanical engineers the opportunity to focus on aircraft and space vehicle design. Material capabilities, production, and propulsion are emphasized to enable an engineer to meet the changing priorities of the aerospace industry.

Co-op (Cooperative Education) Option

This B.S. program also offers a co-op option. The co-op program is a mechanism to enable students to prepare themselves for the job market while pursuing their undergraduate degrees. Typically, junior or senior students work full-time for six months at an industrial partner related to their major or career interests. During this time, students earn a salary and do not pay tuition. The skills, contacts, and real-world know-how gained through the co-op program—combined with what is learned in the classroom—creates a unique and holistic educational experience. Please note that the co-op option will extend the degree program by one semester. Enrolling in the co-op is optional, but students must apply for placement in the program. For details, please contact the co-op program coordinator.

Five-Year Accelerated Option: B.S. in Mechanical Engineering and M.S. in Mechanical Engineering

The college offers a five-year accelerated degree option leading to a Bachelor of Science in Mechanical Engineering and a Master of Science in Mechanical Engineering. Students with a GPA above 3.0 can be accepted into the Accelerated M.S. Options program and become eligible to take three graduate-level courses in their junior and senior years, which can be applied to both their undergraduate and graduate degree requirements within the College of Engineering and Computing Sciences at no additional cost. For details, please contact the chairperson of the Department of Mechanical Engineering.

View details of the program

International F-1 students who successfully complete this degree are eligible for an additional 24-month STEM OPT extension to work in the U.S. in an area directly related to their area of study immediately upon completing the customary 12-month post-completion Optional Practical Training (OPT).

The Mechanical Engineering, B.S. program on the Long Island campus is accredited by the Engineering Accreditation Commission (EAC) of ABET, http://www.abet.org, under the General Criteria and the Program Criteria for Mechanical Engineering.

The college also offers a graduate program leading to a Master of Science in Mechanical Engineering, as well as a Ph.D. program in engineering with a concentration in mechanical engineering.

This program has specific admission requirements in addition to our general requirements

Admission Requirements

First Year

- If the student took the SAT, a minimum combined SAT score of 1080 (critical reading and math only), including a minimum score of 550 in math
  - If the student did not take the SAT/ACT or the student does not meet the SAT/ACT score requirement, they may be admitted to this program but must successfully complete Calculus I within the first three semesters. If the student is unable to successfully complete Calculus I in the first three semesters, their advisor will work with them to either choose another major within the College of Engineering and Computing Sciences, or choose a major in another college/school at New York Institute of Technology.
- Three years of math

Transfer

- Minimum cumulative GPA of 2.3
- Completed at least 12 credits of required math, physics, computer science, and engineering. Students may also satisfy these requirements by passing challenge examinations in these areas as provided for by university policies.

Students who have not chosen a specific program in engineering as a major or who do not fully satisfy the entrance requirements for engineering

may be classified with an undeclared status in the College of Engineering and Computing Sciences up to the end of their second year. Transfer students and students who have completed more than two years of coursework should check with both their academic and financial aid advisors regarding their status as majors.

Application Materials

- Completed application
- $50 nonrefundable application fee
- Copies of transcripts of all high school work, including college-level courses. Your mid-year and final grades will be required. All final, official transcripts must be received prior to the start of your first semester.
- Official SAT (critical reading and math only) or ACT test scores. If you have fewer than 24 credits of previous college work completed, you will need to submit official SAT or ACT scores.
  - SAT Code: 2561, ACT Code: 2832
- Two letters of recommendation
- 300–350 word essay on one of the following topics:
  - Tell us about your career goals and why attending New York Tech would further these goals.
  - Describe the achievement of which you are most proud and why.

International Students Special Requirements

Academic Standards

Students enrolled in this program must successfully complete Calculus I within the first three semesters. If the student is unable to successfully complete Calculus I within the first three semesters, an academic advisor will work with the student to choose another major within the College of Engineering and Computing Sciences or a major in another school or college at the university.

Students enrolled in the Mechanical Engineering, B.S. program must earn a grade of C- or higher in all required computer science and engineering courses. Grades of D+ or below cannot be counted toward a student's degree.

In the case of a transfer student, grades of D+ or lower are not transferable for any computer science or engineering courses.

Undeclared students who intend to pursue Mechanical Engineering must meet the conditions above in order to qualify for entrance into the program.

Repeating courses may impact eligibility for financial aid. Students should consult with a financial aid advisor before registering for a repeated course.

College of Engineering and Computing Sciences Curriculum

Curriculum Requirements for Bachelor of Science in Mechanical Engineering

General Education

Foundations		Credits:
FCWR 101	Writing I: Foundations of College Composition[1]	3
FCWR 151	Writing II: Foundations of Research Writing[1]	3
FCWR 304	Communication for Technical Professions	3
		Total: 9 Credits

[1] Intensive English as a second language is not an acceptable substitute for any of these requirements. The only permissible substitution is FCWR 111 and FCWR 161 in place of FCWR 101 and FCWR 151.

Data Literacy	Credits:

DATA 101	Making Sense of a Data-Oriented Society	3

Social Science Core		Credits:
IENG 400	Technology and Global Issues[2]	3

[2] Cross-listed with ICSS 309.

Seminars (select courses from three of the four areas)		Credits:
ICBS 3XX	Behavioral Science choice	3
ICLT 3XX	Literature choice[3]	3
ICPH 3XX	Philosophy choice[3]	3
ICSS 3XX	Social Science choice	3
		Total: 9 Credits

Students must take three seminar courses from three different areas of study.

[3] Students are strongly encouraged to take at least one seminar course with an ethics component. Options are: ICLT 302, ICLT 303, ICPH 304, or ICPH 306. Depending on the choice, it will satisfy either the Literature or Philosophy core requirement.

Math and Science		Credits:
MATH 170	Calculus I	4
PHYS 170	General Physics I	4
		Total: 8 Credits

Major Requirements

Engineering Technology		Credits:
ETCS 105	Career Discovery[4]	2

[4] This course may be waived for students and transfers with sophomore or higher status. All course substitutions must be approved by the department chairperson.

Mechanical Engineering		Credits:
MENG 105	Engineering Graphics	1
MENG 211	Engineering Mechanics I (Statics)	3
MENG 212	Engineering Mechanics II (Dynamics)	3
MENG 221	Strength of Materials	3
MENG 240	Thermodynamics	3
MENG 310	Introduction to Materials Science	3
MENG 320	Materials Mechanics Laboratory	1
	—OR—	
MENG 343	Thermofluids Laboratory	1
MENG 321	Introduction to Computer-Aided Design	3
MENG 324	Vibrations and System Dynamics	3
MENG 340	Fluid Mechanics	3

MENG 349	Heat Transfer	3
MENG 370	Machine Design	3
MENG 420	Modern Manufacturing	4
MENG 438	Engineering Analysis	3
MENG 470	Senior Mechanical Engineering Design	4
		Total: 43 Credits

Computer Science		Credits:
MENG 201	Engineering Programming	3
		Total: 3 Credits

Design Requirements		Credits:
MENG 450	Mechatronic System Design	4
MENG 460	Thermal System Design	4
		Total: 8 Credits

Electrical Engineering		Credits:
EENG 211	Electrical Circuits I	3
EENG 275	Electronics Laboratory	1
		Total: 4 Credits

Engineering Management		Credits:
IENG 240	Engineering Economics	3
IENG 245	Statistical Design I	3
		Total: 6 Credits

Mathematics and Sciences		Credits:
MATH 180	Calculus II	4
MATH 260	Calculus III	4
MATH 320	Differential Equations	3
PHYS 180	General Physics II	4
PHYS 225	Introduction to Modern Physics	3
CHEM 107	Engineering Chemistry I	4
		Total: 22 Credits

Electives		Credits:
	Engineering Elective[5]	3
	STEM Elective[6]	3
	Liberal Arts Elective	3
		Total: 9 Credits

[5] Choose from non-required AENG, IENG, MENG, or graduate MENG courses, with approval of the academic department chairperson.

[6] Choose between 300- or 400-level MATH or PHYS course, or 300-level and above CoECS course.

Co-op Option (students take both courses)		Credits:
ETCS 300	Foundations for Success in CoECS Co-op	0
ETCS 301	CoECS Co-op	0
		Total: 0 Credits

Total Required Credits = 127–129

Curriculum Requirements for B.S. in Mechanical Engineering, Aerospace Concentration

General Education

Foundations		Credits:
FCWR 101	Writing I: Foundations of College Composition[1]	3
FCWR 151	Writing II: Foundations of Research Writing[1]	3
FCWR 304	Communication for Technical Professions	3
		Total: 9 Credits

[1] Intensive English as a second language is not an acceptable substitute for any of these requirements. The only permissible substitution is FCWR 111 and FCWR 161 in place of FCWR 101 and FCWR 151.

Data Literacy		Credits:
DATA 101	Making Sense of a Data-Oriented Society	3

Social Science Core		Credits:
IENG 400	Technology and Global Issues[2]	3

[2] Cross-listed with ICSS 309.

Seminars (select courses from three of the four areas)		Credits:
ICBS 3XX	Behavioral Science choice	3
ICLT 3XX	Literature choice[3]	3
ICPH 3XX	Philosophy choice[3]	3
ICSS 3XX	Social Science choice	3
		Total: 9 Credits

Students must take three seminar courses from three different areas of study.

[3] Students are strongly encouraged to take at least one seminar course with an ethics component. Options are: ICLT 302, ICLT 303, ICPH 304, or ICPH 306. Depending on the choice, it will satisfy either the Literature or Philosophy core requirement.

Math and Science Core[4]		Credits:
MATH 170	Calculus I	4
PHYS 170	General Physics I	4
		Total: 8 Credits

[4] M.E. students are permitted to register concurrently for Calculus I and Physics I, and Calculus II and Physics II.

Major Requirements

Engineering Technology		Credits:
ETCS 105	Career Discovery[5]	2

[5] This course may be waived for students and transfers with sophomore or higher status. All course substitutions must be approved by the department chairperson.

Mechanical Engineering		Credits:
MENG 105	Engineering Graphics	1
MENG 211	Engineering Mechanics I (Statics)	3
MENG 212	Engineering Mechanics II (Dynamics)	3
MENG 221	Strength of Materials	3
MENG 240	Thermodynamics	3
MENG 310	Introduction to Material Science	3
MENG 321	Introduction to Computer-Aided Design	3
MENG 324	Vibrations and System Dynamics	3
MENG 340	Fluid Mechanics	3
MENG 349	Heat Transfer	3
MENG 370	Machine Design	3
MENG 438	Engineering Analysis	3
MENG 470	Senior Mechanical Engineering Design	4
		Total: 38 Credits

Aerospace Engineering		Credits:
AENG 410	Aerodynamics	3
AENG 420	High Speed Flows and Shock Waves	3
AENG 463	Propulsion	3
AENG 466	Aerospace Laboratory	1
	—OR—	
MENG 343	Thermofluids Laboratory	1
AENG 490	Flight Vehicle Design	4
		Total: 14 Credits

Computer Science		Credits:
MENG 201	Engineering Programming	3
		Total: 3 Credits

Electrical Engineering		Credits:
EENG 211	Electrical Circuits	3
EENG 275	Electronics Laboratory	1
		Total: 4 Credits

Engineering Management		Credits:
IENG 240	Engineering Economics	3
IENG 245	Statistical Design I	3
		Total: 6 Credits

Mathematics and Science Requirement[4]		Credits:
MATH 180	Calculus II	4
MATH 260	Calculus III	4
MATH 320	Differential Equations	3
PHYS 180	General Physics II	4
PHYS 225	Introduction to Modern Physics	3
CHEM 107	Engineering Chemistry	4
		Total: 22 Credits

[4] M.E. students are permitted to register concurrently for Calculus I and Physics I, and Calculus II and Physics II.

All students are required to take a mathematics placement examination prior to registration, and may have to take a developmental mathematics course (MATH 096, MATH 100, or MATH 101) before taking required mathematics courses.

Electives		Credits:
	STEM Elective[6]	3
	Liberal Arts Elective	3
		Total: 6 Credits

[6] Choose between 300- or 400-level MATH or PHYS course, or 300-level and above CoECS course.

Co-op Option (students take both courses)		Credits:
ETCS 300	Foundations for Success in CoECS Co-op	0
ETCS 301	CoECS Co-op	0
		Total: 0 Credits

Total Required Credits = 125–127

Minor in Construction Engineering

To further our mission of providing a career-centered education, and to allow undergraduate students to pursue an organized, coherent secondary course of study, the College of Engineering and Computing Sciences has created a new minor in construction engineering, which is well aligned with the mission of New York Tech.

Just as an academic major gives an employer or professional school an idea of one's ability to specialize and to develop an understanding in depth of a particular discipline, an academic minor provides an occasion to expand the breadth of a student's interests independently of the student's major, and demonstrates broad competence beyond a narrow specialization. There are many overlaps of curriculum between other programs in CoECS, as well as other schools and colleges within New York Tech, especially in the STEM fields.

The new minor in construction engineering will expand students' knowledge of construction engineering and will increase their job marketability beyond their major.

Upon successful completion of this course, students will be able to:

- Understand and calculate engineering stresses and strains.
- Understand the behavior of structural components and systems
- Design and analyze structure elements and systems

A minor is defined as a set of courses outside the student's major, with a coherence based on subject, methodology, or other factors. Minors shall be no less than 15 credits and no more than 18 credits.

College of Engineering and Computing Sciences Curriculum

Curriculum Requirements for Minor in Construction Engineering

Minor Requirements

Required Courses		Credits:
MENG 211	Engineering Mechanics (Statics)	3

MENG 221	Strength of Materials	3
CENG 340	Structural Analysis and Design	3
		Total: 9 Credits

Electives (choose two courses from the following list)		Credits:
CENG 260	Civil Engineering Materials	3
CENG 310	Steel Structures	3
CENG 312	Concrete Structures	3
CENG 320	Mechanical and Electrical Systems in Buildings	3
CENG 360	Geotechnical Engineering	3
		Total: 6 Credits

Total Program Credits = 15

College of Engineering and Computing Sciences

Minor in Energy Science, Technology, and Policy

The Minor in Energy Science, Technology, and Policy enables students in all majors to develop “green skills” in their chosen field. Many employers seek to reduce their carbon footprint and promote cleaner, more efficient technologies that are less harmful to the environment.

NYIT College of Engineering and Computing Sciences, in partnership with the Long Island Alternative Energy Consortium, received a grant to establish a multidisciplinary, multicampus minor. Students enrolled in the minor will benefit from partnerships among academic institutions, private industry, college and government laboratories, and legislative offices.

Key resources include the Energy and Green Technologies Laboratory, which is one of three labs in the Entrepreneurship and Technology Innovation Center. Projects at New York Tech include solar carports, plug-in hybrid vehicles, and the Long Island Carbon Footprint Project. Demonstration projects are underway at partner institutions such as Stony Brook University and Farmingdale State College that focus on smart

grid technology, building automation, solar energy, small-scale wind power, geothermal heat pumps, green data centers, and alternative fuel vehicles.

Declaring a minor is easy: Fill out the Application to Declare Undergraduate Minor form and then have it signed by Robert N. Amundsen, Ph.D., Director, Energy Management. For more information, call 516.686.7578 or email ramundse@nyit.edu.

Program Overview

The 15-credit minor includes 12 credits of required courses and one three-credit elective course.

College of Engineering and Computing Sciences Curriculum

Curriculum Requirements for Minor in Energy Science, Technology, and Policy

Minor Requirements

Required Courses		Credits:
IENG 122	Energy Science and Technology	3
ETCS 105	Career Discovery	2
IENG 285	Energy Technology Project	3
ETCS 365	Engineering and Computing Sciences Internship	1
IENG 590	Energy Policy, Economics, and Technology	3
		Total: 12 Credits

Elective Courses (choose one)		Credits:
BIOL 107	Environmental Sciences	3
PHYS 156	Environmental and Energy Issues	3
ICSS 309	Technology and Global Issues	3
IENG 510	Energy Management	3
		Total: 3 Credits

Total Required Credits = 15

College of Engineering and Computing Sciences

Minor in Technology Entrepreneurship

The College of Engineering and Computing Sciences along with the School of Management, and in association with the Entrepreneurship and Technology Innovation Center (ETIC), has established a Minor in Technology Entrepreneurship. The primary outcome of this collaboration is to produce versatile graduates who are able to launch their own technology-based enterprises, or are capable of growth within industry, by teaching them how to apply entrepreneurial principles of innovation and strategic problem solving to a technology field. Key skills include: a) an increased confidence to form and work in collaborative teams; b) an understanding of the processes to get from developed technology concepts or new ideas to the formation of a startup; and c) becoming equipped with the experiential and foundational knowledge of how to find financial resources to form a viable company.

This undergraduate minor provides a well-structured academic curriculum, offering opportunities for applied research, technology implementation, and product development, as well as exposure to enterprise building, venture capital, and corporate partners. Featuring enhanced learning with a common set of courses and electives available across majors and demographic groups, this integrated program provides access to opportunities with industry, laboratories, and the full resources available at the Entrepreneurship and Technology Innovation Center (ETIC), including its three labs in IT and Cybersecurity, Green and Energy Technologies, and Bioengineering and Medical Devices.

The minor is open to students from all schools within New York Tech, and has a dedicated advisor to assist students in course selection. By focusing on the enhancement of participation with all students, the minor enhances technology entrepreneurship learning, while fostering a collaborative environment where students learn to work across disciplines.

Declaring a minor is easy: Just fill out the Application to Declare Undergraduate Minor form and have it signed by the program chair.

College of Engineering and Computing Sciences Curriculum

Curriculum Requirements for Minor in Technology Entrepreneurship

Minor Requirements

Required Courses		Credits:
IENG 421	Technology Entrepreneurship	3
SBES 310	Small Business and Entrepreneurial Creation	3
IENG/MGMT 423	Technology Entrepreneurship: Seminar	3

		Total: 9 Credits

Electives (Choose Two)		Credits:
ACCT 101	Accounting[1, 2]	3
ARTC 260	Introduction to 3-D Modeling and Animation	3
BUSI 405	Business Research and Innovation[2]	3
CSCI 125	Computer Programming I[3]	3
FINC 201	Corporation Finance[1, 2]	3
FINC 320	Advanced Financial Management[2]	3
IENG 240	Engineering Economics	3
IENG 251	Project Engineering	3
IENG 426	Technology Entrepreneurship Internship or Practicum	3
ITEC 315	Mobile Applications Design and Development	3
MIST 442	Blockchain Applications[2]	3
MRKT 102	Introduction to Marketing[1, 2]	3
MRKT 422	Marketing of New Products and Transformative Innovation[2]	3
MRKT 430	Digital Marketing[2]	3
MRKT 421	Marketing Analytics[2]	3
SBES 420	Entrepreneurial Technology and Innovation Management[2]	3
SBES 460	Business Plan Development Capstone[2]	3
TEVE 240	Video Editing	3
		Total: 6 Credits

[1] Students in the B.S. in Business Administration program may not count any of these courses toward the Minor in Technology Entrepreneurship.

[2] Students who are not candidates for a B.S. in Business Administration must take at least one of these business courses.

[3] Students in the College of Engineering and Computing Sciences may not count this course toward the Minor in Technology Entrepreneurship.

Total Program Credits = 15

School of Architecture and Design

Degrees Offered

The School of Architecture and Design offers degrees through three departments: Architecture, Digital Art and Design, and Interior Design.

Several architecture degrees are offered: a Bachelor of Science in Architectural Technology (B.S.A.T.) and a Bachelor of Science in Architectural Technology with a Concentration in Construction Management (B.S.A.T.+CM), a Bachelor of Architecture (B.Arch.), a Master of Architecture (M.Arch.), a Master of Science in Health and Design (M.S.HD), and Master of Science in Architecture programs in Computational Technologies (M.S.ACT) or Urban Design (M.S.AUD).

In Digital Art and Design, five degrees are offered, as well as one minor: Bachelor of Fine Arts (B.F.A.) degrees in Digital Arts, in Digital Arts with a concentration in Game Design, and in Graphic Design; a Master of Fine Arts (M.F.A.) degree in Graphic Design and Media Innovation; a Master of Arts (M.A.) degree in UX/UI Design and Development; and a minor in Graphic Design.

The Interior Design department offers a Bachelor of Fine Arts in Interior Design (B.F.A.). Additionally, it offers a track within the B.F.A. leading to acceptance into the School of Management's Master of Business Administration (M.B.A.) program with a specialization of Design Management.

The B.Arch. is recognized as a first professional degree and is accredited by the National Architectural Accrediting Board (NAAB). The Bachelor of Fine Arts in Interior Design (B.F.A.) is a professional degree accredited by the Council for Interior Design Accreditation (CIDA). The M.Arch. is recognized as a first professional degree and is also accredited with NAAB.

About the School of Architecture and Design

Architecture has the functional task of creating built environments for human activities. As an expression of human values, it must address the interrelated physical, social, political, economic, and cultural issues of our time. The curriculum reflects this range of inquiry. Design is an intellectual and social enterprise, as well as an art form. It requires the integration of liberal ambition and technical expertise. Pedagogically, the design studio sequence provides a project-based, experiential learning environment that allows students to apply knowledge from other areas of the curriculum.

The school maintains the emphasis on design experimentation and applied-based learning within the curriculum, prepares students for effective participation in the profession, and for rendering service to the public while contributing to the continuous and sustainable development of the field. Students define their own goals and career paths based on the knowledge acquired in the classroom, tested through the varied projects and dimensional scales in the design studios, technology-construction and history-theory sequences, and other project and visualization-based courses in the program, and approached with an attention to the local conditions with the understanding of a diverse and inclusive global perspective.

The School of Architecture and Design supports professionalism and excellence in its programs, based on its focus on research and design pedagogy. New York Institute of Technology is an ideal place to foster innovation and to advance discovery. This is consistent with the vision for New York Tech to be a place where students learn to become critical and creative thinkers, combining the mindset of critical humanists with the design thinking of engineers and artists.

Rapidly advancing technology is transforming the world around us in ways that are seen and unseen, many that are beyond the limits of our imagination. By encouraging confrontations between ethical judgement, critical thinking and ever more powerful tools of design and production, we seek to empower our students to take ownership over driving their careers and the profession. By enhancing student and faculty research opportunities, we hope to generate new pedagogical models.

The development of interdisciplinary fields of study, supported by collaborations with other units, departments, and programs at the university, will prepare students for leadership roles, and to participate in the rapid transformations occurring in academia and the profession, particularly with respect to the increasingly global issues of natural and built environments. Technology-based curricula with interdisciplinary courses offer strong quality and unique educational experiences fostering environmental awareness, sustainable solutions, and social responsibility. The B.Arch. and B.S.A.T. curricula are committed to interdisciplinary fields of study. The curriculum is organized so that the third year of study offers a variety of topical specializations with access to a broad range of available electives, including ones outside of the School of Architecture and Design, and in collaboration with a variety of academies, institutions, and communities around the world.

Interior design as an art and a profession has greatly changed. In the past, a career in interior design was understood primarily as the act of decorating an existing space. It has evolved into a profession that is far broader and encompassing. Today's interior designers are trained to enhance the quality of working and living environments. This includes aesthetics in addition to functionality, efficiency, and safety. Many interior designers today are part of larger design teams including architects, engineers, consultants, contractors, and others working in tandem to create exciting environments. Their work professionally allies and interrelates with architecture and architectural technology.

In digital art and design, we enable creativity and discovery and help students become visual artists and communication designers, storytellers, and entrepreneurs. Through curricular innovation, the use of cutting edge technologies and under the guidance of accomplished faculty, students can explore new territories, experiment with new methodologies and tools, rise above disciplinary boundaries, and become the thinkers and makers of the next generations.

The integration of coursework between the interior design program and the architecture program at the School of Architecture and Design facilitates a collaboration between interior design and architecture students that will serve graduates well when they enter the workplace. All undergraduate students in the School of Architecture and Design are required to complete two semesters of design fundamentals (AAID 101 and AAID 102 or DSGN 102), horizontally coordinated with two semesters of visualization (AAID 140 and 240) and two semesters of history and theory (AAID 160, ARCH 161, or DSGN 160) prior to advancing in their respective, discipline-related design studio sequences.

School of Architecture and Design

Architectural Technology, B.S.

The Bachelor of Science in Architectural Technology (B.S.A.T.) is a non-professional degree offering that permits the successful student to gain a license to practice architecture in the state of New York but does not make the degree holder eligible for NCARB certification. Should the

successful B.S.A.T. graduate later seek to gain a first professional degree in architecture, they could pursue a first professional B.Arch. or a first professional M.Arch.

Design fundamentals and first-year design studios introduce the student to the basic principles of 3-D design through a series of composition, planning, and introductory design problems. In the second year, progressively more demanding challenges, in addition to significant building design analysis exercises, are undertaken. In the third year, students are required to solve architectural problems involving small but increasingly more complex building programs, and urban and community building design programs requiring inventive structural systems are emphasized.

In the fourth and final year of the B.S.A.T. curriculum, students are required to complete a capstone project, where all aspects of a building design and architectural technology are fully explored and integrated into one comprehensive exercise.

Those students who choose to undertake the B.S.A.T. program may wish to consider the opportunity to concentrate their studies in construction management. Upper-level courses in areas such as contract management, construction supervision, and real estate fundamentals make up the offerings of the B.S.A.T. with a concentration in construction management.

The School of Architecture and Design additionally offers an accelerated path to the M.Arch. Track II professional degree for undergraduate students wishing to begin their graduate studies during the final two years of their Bachelor of Science degrees, thereby reducing the course load in the M.Arch. program.

Although design studios form the core of the experience at the School of Architecture and Design, complementary avenues of study and inquiry operate as essential aspects of the program and the training of students. Courses in architectural history introduce students to the history of the built domain from the earliest times to the present; methods of historical building design analysis and interpretation are introduced to students through the study of great architectural monuments and cities; and architectural history is introduced not only as a chronology of building development but also as a body of knowledge, an anthology that serves as a tool in the design process. In addition to survey courses, the school offers history seminars in areas such as architectural theory, building technology, and urban planning. A coordinated sequence of drawing and computer courses provides students with the skills to visualize and document design ideas through advanced media and tools for digital visualization and rendering.

The School of Architecture and Design is widely respected by the professional community for its course offerings in the areas of building technology. Technical competence is cultivated by exposure to an array of course offerings that cover all aspects of building materials, structural systems, and mechanical and electrical systems. The management of the construction process is covered by comprehensive upper-level courses that focus on the procedures of professional practice and construction supervision as well as contemporary use of computers in the construction industry. The technology faculty, as active members of the construction community, bring real-world experience to coursework and maintain an up-to-date bridge between the curriculum and changes in professional practice.

Two degrees in the area of Architectural Technology are offered:

- Bachelor of Science in Architectural Technology
- Bachelor of Science in Architectural Technology, Construction Management Concentration

Additional Information

All work completed in fulfillment of course requirements or in conjunction with a student's coursework shall be the property of the School of Architecture and Design. The school may waive this right at its discretion. Students reserve the right to gain access to materials for the purpose of making copies and reproductions.

The School of Architecture and Design exercises a policy of student redistribution in design studio sections that meet at the same scheduled time period in order to promote diversity and collaboration in the learning experience. Redistribution is based on the student's prior experience with design faculty members and their previous academic performance.

International F-1 students who successfully complete this degree are eligible for an additional 24-month STEM OPT extension to work in the U.S. in an area directly related to their area of study immediately upon completing the customary 12-month post-completion Optional Practical Training (OPT).

Summer Study Abroad

The School of Architecture and Design has a variety of summer study abroad programs, and also offers studio trips, design workshops, collaborative programs, and exchanges with other institutions. These programs are offered under the direction of one or more full-time faculty members. The school offers one to three of these diverse study abroad programs each summer depending upon student interest and faculty availability. Thus far, New York Institute of Technology has offered programs in Japan, China, France, Italy, Germany, Spain, Greece, Turkey, Egypt, the Netherlands, Israel, Finland, and India. These programs put students and faculty in contact with international students and architects while immersed in another culture, enabling them to understand firsthand the range, diversity, and power of living architecture as individual buildings or as entire cities and spaces. Summer study abroad course credits can be applied to a student's specific curriculum and field of study. The summer programs are open to students enrolled in any degree program offered by the School of Architecture and Design.

This program has specific admission requirements in addition to our general requirements.

Application Materials

- Completed application
- $50 nonrefundable application fee
- Copies of transcripts of all high school work, including college-level courses. Your midyear and final grades will be required. All final, official transcripts must be received prior to the start of your first semester.
- Official SAT (critical reading and math only) or ACT test scores. You have the option of submitting results from the previous or redesigned SAT. If you have fewer than 24 credits of previous college work completed, you will need to submit official SAT or ACT scores.
    - SAT Code: 2561, ACT Code: 2832
- Two letters of recommendation
- 300–350 word essay on one of the following topics:
    - Tell us about your career goals and why attending New York Tech would further these goals
    - Describe the achievement of which you are most proud and why

International Students Special Requirements

First-Year Requirements

- Recommended minimum combined SAT score of 1080 (critical reading and math only) or ACT composite score of 21
- Three years of math
- A portfolio is not required as part of the admissions process

Transfer Requirements

- Minimum cumulative GPA of 2.5 for coursework completed at other institutions or at New York Tech.
- A portfolio is required in order to receive transfer credit for design work. You will receive instructions on how to submit your portfolio when you receive your credit evaluation.

Admission into the B.Arch. Program from the B.S.A.T. program

If you are a B.S.A.T. student, you can apply for acceptance into the B.Arch. program, which has the following requirements:

- Submit for review your foundation portfolio of exemplary work from the B.S.A.T. program, if applicable, or previous creative design work. This is a representative portfolio of your individual design and creative work, which will be reviewed by a committee of faculty members. If your portfolio is accepted by the committee, you may apply for admission to the B.Arch. program.
- Cumulative GPA of 2.5 for all courses taken at New York Institute of Technology, or cumulative grade point average of 3.0 or higher in all architecture courses.

Accelerated Path B.S.A.T. and B.S.A.T./C.M. (Construction Management) to M.Arch. Track II

NYIT School of Architecture and Design also offers an accelerated path to the M.Arch. professional degree for undergraduate students who have a consistent record of academic excellence, and wish to begin their graduate studies during the final two years of their Bachelor of Science degrees, thereby reducing the course load in the M.Arch. Track II (60 credit hours, 2 years).

Students who have met with the B.S.A.T. department chair and M.Arch. director and meet the qualification requirements may apply for this program. The accelerated path permits admitted students to enroll for up to 12 credit hours of advanced graduate-level coursework in select courses as an alternative for designated undergraduate courses (see below).

B.S.A.T. to M.Arch. Track II Accelerated Path Qualification Requirements

- You must be in your junior or senior year of the B.S.A.T. or B.S.A.T./C.M. programs and have a cumulative 3.0 GPA.
- Students accepted to the Accelerated Path B.S.A.T. or B.S.A.T./C.M. to the M.Arch. (Track II) are eligible to take up to 12 graduate level credit hours as an undergraduate student. These credit hours may be applied both to their undergraduate and master's degree requirements within the School of Architecture and Design, to reduce completion time.

B.S.A.T. to M.Arch. Track II Accelerated Path Required Courses and Credit Hours

Please note that all graduate-level courses taken as part of an undergraduate degree require permissions from both the undergraduate chair and the graduate director.

Undergraduate-level Requirement	Graduate-level Substitution	Credit Hours
ARCH 272 or ARCH 372 Environmental Site Planning	Take ARCH 772 Site Planning	3
ARCH 327 CAD Construction Drawings	Take ARCH 727 Construction Documents	3
ARCH 413 Architectural Simulation and Fabrication Optimization or Liberal Arts elective	Take Designated ARCH Elective, 600-level or above	3

Deadlines

- **First-Year Priority Deadline:** February 15.
- **Regular Admission:** Applications will be reviewed on a rolling admission basis, as long as space is available.
- **International Student Deadlines:** December 1 for the spring semester and July 1 for the fall semester.

Curriculum Requirements for Bachelor of Science in Architectural Technology

General Education

Foundations		Credits:
FCWR 101	Writing I: Foundations of College Composition	3
FCWR 151	Writing II: Foundations of Research Writing	3
FCWR 303	Communication for Art and Design	3
		Total: 9 Credits

Data Literacy		Credits:
DATA 101	Making Sense of a Data-Oriented Society	3

Seminars (select courses from at least three of the four areas)		Credits:
ICBS 3XX	Behavioral Science choice	3
ICLT 3XX	Literature choice	3
ICPH 3XX	Philosophy choice	3
ICSS 3XX	Social Science choice	3
		Total: 12 Credits

Students must take four seminar courses from at least three different areas of study.

Mathematics		Credits:
MATH 141	Precalculus	4

Sciences		Credits:
	Any 100-level BIOL, CHEM, or PHYS course	3
PHYS 136	Physics for the Modern Architect	4
		Total: 7 Credits

Major Requirements

Architecture and Interior Design		Credits:
AAID 101	Design Fundamentals I	5
AAID 102	Design Fundamentals II	5
AAID 140	Visualization I	3
AAID 160	Introduction to History, Theory, and Criticism in Architecture and Design	3
AAID 240	Visualization II	3
		Total: 19 Credits

Architecture		Credits:
ARCH 161	Global History of Architecture I	3
ARCH 162	Global History of Architecture II	3
ARCH 201	Architectural Design I	5
ARCH 202	Architectural Design II	5
ARCH 211	Statics and Strength of Materials	3
ARCH 221	Building Construction I	3
ARCH 222	Building Construction II	3
ARCH 310	Structural Design	3
ARCH 324	Environmental Systems I	3
ARCH 325	Environmental Systems II	3
ARCH 327	CAD Construction Drawings	3
ARCH 340	Visualization III	3
ARCH 372	Environmental Site Planning	3
ARCH 411	Advanced Structural Concepts I	3
ARCH 412	Advanced Structural Concepts II	2
ARCH 413	Architectural Simulation and Fabrication Optimization	3
ARCH 423	Project Integration Studio	5
ARCH 481	Professional Practice I	3
		Total: 59 Credits

Electives		Credits:
	Liberal Arts Electives	18

Total Required Credits = 131

School of Architecture and Design Curriculum

Curriculum Requirements for B.S. in Architectural Technology, Construction Management Concentration

General Education

Foundations		Credits:
FCWR 101	Writing I: Foundations of College Composition	3
FCWR 151	Writing II: Foundations of Research Writing	3
FCWR 303	Communication for Art and Design	3
		Total: 9 Credits

Data Literacy		Credits:
DATA 101	Making Sense of a Data-Oriented Society	3

Seminars (select courses from at least three of the four areas)		Credits:
ICBS 3XX	Behavioral Science choice	3
ICLT 3XX	Literature choice	3
ICPH 3XX	Philosophy choice	3
ICSS 3XX	Social Science choice	3
		Total: 12 Credits

Students must take four seminar courses from at least three different areas of study.

Mathematics		Credits:
MATH 141	Precalculus	4

Sciences		Credits:
	Any 100-level BIOL, CHEM, or PHYS course	3
PHYS 136	Physics for the Modern Architect	4
		Total: 7 Credits

Major Requirements

Architecture and Interior Design		Credits:
AAID 101	Design Fundamentals I	5
AAID 102	Design Fundamentals II	5
AAID 140	Visualization I	3
AAID 160	Introduction to History, Theory, and Criticism in Architecture and Design	3
AAID 240	Visualization II	3
		Total: 19 Credits

Architecture		Credits:

ARCH 161	Global History of Architecture I	3
ARCH 162	Global History of Architecture II	3
ARCH 201	Architectural Design I	5
ARCH 202	Architectural Design II	5
ARCH 211	Statics and Strength of Materials	3
ARCH 221	Building Construction I	3
ARCH 222	Building Construction II	3
ARCH 310	Structural Design	3
ARCH 324	Environmental Systems I	3
ARCH 325	Environmental Systems II	3
ARCH 327	CAD Construction Drawings	3
ARCH 372	Environmental Site Planning	3
ARCH 411	Advanced Structural Concepts I	3
ARCH 412	Advanced Structural Concepts II	2
ARCH 423	Project Integration Studio	5
ARCH 481	Professional Practice I	3
		Total: 53 Credits

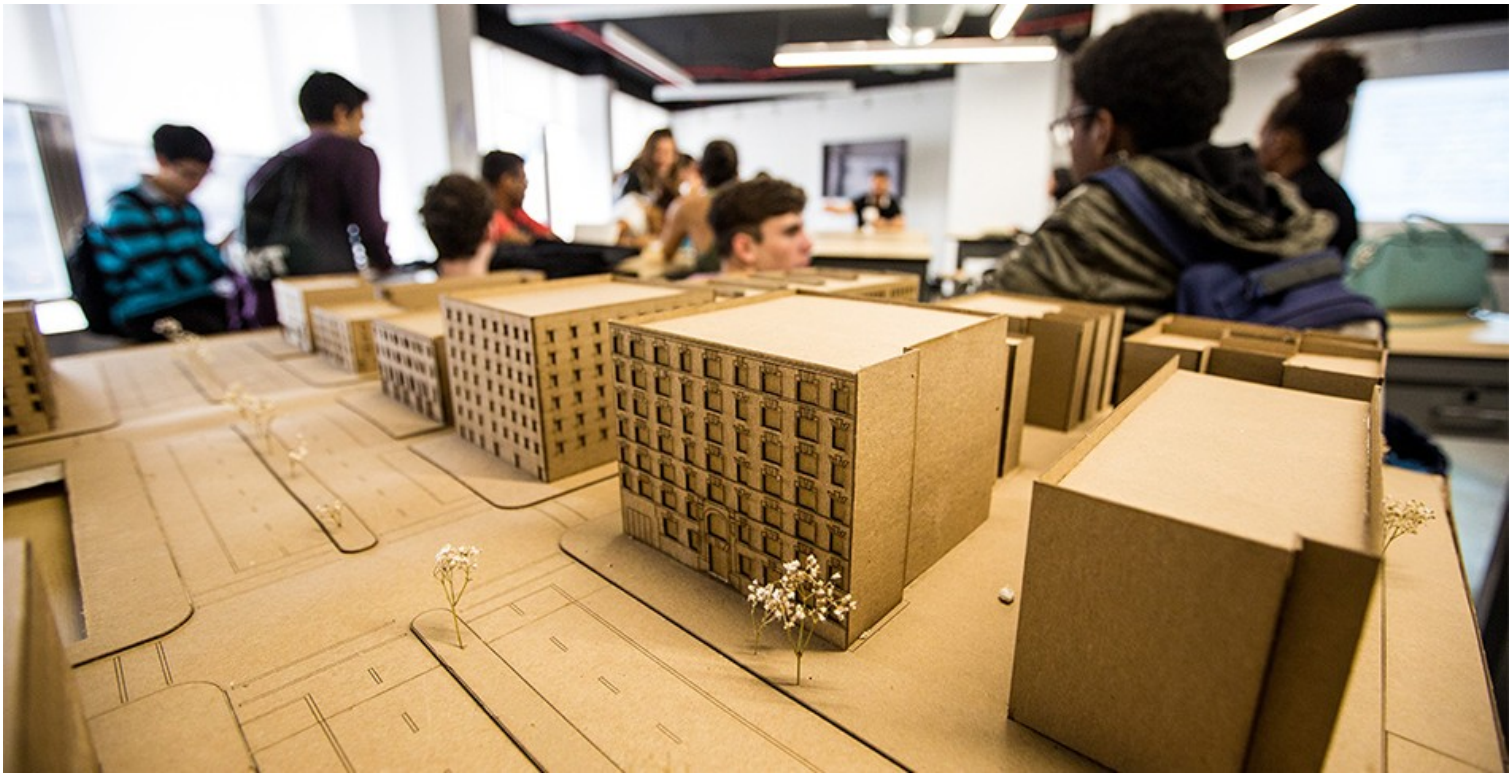
Construction Management		Credits:
ARCH 472	Construction Management and Contracts	3
ARCH 474	Real Estate Fundamental Development	3
ARCH 475	CAD Management and Administration	3
ARCH 476	Modern Construction Technologies	3
		Total: 12 Credits

Electives		Credits:
	Liberal Arts Electives	12

Total Required Credits = 131

School of Architecture and Design

Bachelor of Architecture, B.Arch.



Students interested in the architecture program at the School of Architecture and Design (SoAD) at New York Institute of Technology can apply directly to the 5-year Bachelor of Architecture (B.Arch.) program through the submission of a creative portfolio. A two-year common core curriculum also shares the first-year AAID sequence with interior design students. This curriculum includes design studios, visualization, and architectural history courses, as well as liberal arts courses such as English composition, math, physics, behavioral science, economics, fine arts, and social science.

Completion of the B.Arch. degree will allow you to proceed with the sequence of internship and professional steps that lead to licensure and certification from the National Council of Architectural Registration Boards. The B.Arch. also prepares you for New York state licensure and reciprocal licensure in other states.

Design fundamentals studios, during the first year, introduce the student to the basic principles of 2-D and 3-D design through a series of composition, planning, and introductory design problems. In the second year, progressively more demanding challenges, in addition to significant building design and analysis exercises, are undertaken with a better understanding of planning and site. Students accepted into the five-year B.Arch. program are required to complete six additional semesters of design studios. In the third year, students are required to solve architectural problems involving small but increasingly more complex building programs. Comprehensive building design programs requiring inventive structural and technical systems, as well as urban and community design, are emphasized in the fourth year. In the fifth and final year of the program, students undertake a terminal thesis project, which including research and design components, serves to demonstrate a cumulative grasp of all the factors that influence the design of a complex work of architecture.

The Bachelor of Architecture in the School of Architecture and Design is widely respected by the professional community for its course offerings in the areas of design, building technology, and digital fabrication. Technical competence is cultivated by exposure to an array of course offerings that cover all aspects of building materials, structural and environmental systems, as well as mechanical and electrical systems. Construction management is introduced in the comprehensive upper-level courses that focus on professional practice and construction supervision, as well as integrated computer technologies in the construction industry.

Additional Information

All work completed in fulfillment of course requirements or in conjunction with a student's coursework shall be the property of the School of Architecture and Design. The school may waive this right at its discretion. Students reserve the right to gain access to materials for the purpose of making copies and reproductions.

The School of Architecture and Design exercises a policy of student redistribution in design studio sections that meet at the same scheduled time period in order to promote equality and diversity in the learning experience. Redistribution is based on the student's prior experience with design faculty members and their previous academic performance.

International F-1 students who successfully complete this degree are eligible for an additional 24-month STEM OPT extension to work in the U.S. in an area directly related to their area of study immediately upon completing the customary 12-month post-completion Optional Practical Training (OPT).

Summer Study Abroad

The School of Architecture and Design has a variety of summer study abroad programs, and also offers studio trips, design workshops, collaborative programs, and exchanges with other institutions. These programs are offered under the direction of one or more full-time faculty members. The school offers one to three of these diverse study abroad programs each summer depending upon student interest and faculty availability. Thus far, the university has offered programs in Japan, China, France, Italy, Germany, Spain, Portugal, Greece, Turkey, Egypt, the Netherlands, Israel, Finland, and India.

These programs put students and faculty in direct contact with prestigious international academic institutions, students, architects, and various cultural contexts. This provides students with first-hand knowledge of the diversity and impact of global architecture on communities and cities. Summer study abroad course credits can be applied to a student's specific curriculum and field of study. The summer programs are open to students enrolled in any degree program offered by the School of Architecture and Design.

NAAB Accreditation Statement

NYIT School of Architecture and Design's Bachelor of Architecture (five-year) program is accredited by the NAAB, the National Architectural Accreditation Board. The following statement is included in the catalog, pursuant to the requirement of the NAAB:

In the United States, most state registration boards require a degree from an accredited professional degree program as a prerequisite for licensure. The National Architectural Accrediting Board (NAAB), which is the sole agency authorized to accredit U.S. professional degree programs in architecture offered by institutions with U.S. regional accreditation, recognizes three types of degrees: the Bachelor of Architecture, the Master of Architecture, and the Doctor of Architecture. A program may be granted an eight-year, three-year, or two-year term of accreditation, depending on the extent of its conformance with established educational standards.

Doctor of Architecture and Master of Architecture degree programs may require a pre-professional undergraduate degree in architecture for admission; however, the pre-professional degree is not by itself recognized as an accredited degree.

New York Institute of Technology School of Architecture and Design offers the following NAAB-accredited degree programs:

- BACHELOR OF ARCHITECTURE (160 undergraduate credits)

This program has specific admission requirements in addition to our general requirements.

Required materials for admission include a completed application plus supplemental materials in the form of a creative portfolio. Applicants who are not accepted for direct freshman B.Arch. admission will be considered for admission to the pre-professional B.S.A.T. program.

Application Materials

- Completed application
- $50 nonrefundable application fee
- Copies of transcripts of all high school work, including college-level courses. Your midyear and final grades will be required. All final, official transcripts must be received prior to the start of your first semester.
- Official SAT (critical reading and math only) or ACT test scores. You have the option of submitting results from the previous or redesigned SAT. If you have fewer than 24 credits of previous college work completed, you will need to submit official SAT or ACT scores.
    - SAT Code: 2561, ACT Code: 2832
- Two letters of recommendation

- 300–350 word essay on one of the following topics:

    - Tell us about your career goals and why attending New York Tech would further these goals
    - Describe the achievement of which you are most proud and why

International Students Special Requirements

Portfolio Submission

The creative portfolio should consist of 10–15 pages of your own visual work (format PDF/MP4, size limit 35 MB). It can include assignment-based projects, self-directed work, or pieces of a collaborative nature, and could contain multimedia work, photography, drawings, sketches, collages, models, paintings, sculpture, poetry, furniture design, etc.

- Submit the Bachelor of Architecture Supplementary Application

At any point of your studies in the B.Arch. program you can decide to change in favor of the B.S.A.T. program upon revision of course equivalences.

Graduates of the 5-year B.Arch. program are eligible to apply to Track II (2-year, 60 credits) of the professional Master of Architecture (M.Arch.) program.

Deadlines

- **First-Year Priority Deadline:** February 15.
- **Regular Admission:** Applications will be reviewed on a rolling admission basis, as long as space is available.
- **International Student Deadlines:** December 1 for the spring semester and July 1 for the fall semester.

Curriculum Requirements for Bachelor of Architecture

General Education

Foundations		Credits:
FCWR 101	Writing I: Foundations of College Composition	3
FCWR 151	Writing II: Foundations of Research Writing	3
FCWR 303	Communication for Art and Design	3
		Total: 9 Credits

Data Literacy		Credits:
DATA 101	Making Sense of a Data-Oriented Society	3

Seminars (select courses from at least three of the four areas)		Credits:
ICBS 3XX	Behavioral Science choice	3
ICLT 3XX	Literature choice	3
ICPH 3XX	Philosophy choice	3
ICSS 3XX	Social Science choice	3
		Total: 12 Credits

Students must take four seminar courses from at least three different areas of study.

Mathematics		Credits:
MATH 141	Precalculus	4

Sciences		Credits:
	Any 100-level BIOL, CHEM, or PHYS course	3
PHYS 136	Physics for the Modern Architect	4
		Total: 7 Credits

Major Requirements

Architecture and Interior Design		Credits:
AAID 101	Design Fundamentals I	5

AAID 102	Design Fundamentals II	5
AAID 140	Visualization I	3
AAID 160	Introduction to History, Theory, and Criticism in Architecture and Design	3
AAID 240	Visualization II	3
		Total: 19 Credits

Architecture		Credits:
ARCH 161	Global History of Architecture I	3
ARCH 162	Global History of Architecture II	3
ARCH 201	Architectural Design I	5
ARCH 202	Architectural Design II	5
ARCH 211	Statics and Strength of Materials	3
ARCH 221	Building Construction I	3
ARCH 222	Building Construction II	3
ARCH 301	Architectural Design III	5
ARCH 302	Architectural Design IV	5
ARCH 310	Structural Design	3
ARCH 324	Environmental Systems I	3
ARCH 325	Environmental Systems II	3
ARCH 327	CAD Construction Drawings	3
ARCH 340	Visualization III	3
ARCH 361	Architectural History and Theory Seminar	3
ARCH 362	History and Theory of the City	3
ARCH 372	Environmental Site Planning	3
ARCH 401	Architectural Design V	5
ARCH 402	Architectural Design VI	5
ARCH 411	Advanced Structural Concepts I	3
ARCH 413	Architectural Simulation and Fabrication Optimization	3
ARCH 481	Professional Practice I	3
ARCH 501	Architectural Design VII	5
ARCH 502	Architectural Design VIII	5
ARCH 531	Thesis Topical Research Seminar	3
ARCH XXX	Department Elective	3
		Total: 94 Credits

General Electives (non-ARCH)		Credits:
	Consult with advisor on any elective choices	12

Total Required Credits = 160

Digital Art and Design: Undergraduate Programs

A distinguished faculty of practicing artists and designers expose the student to a meaningful and rigorous academic experience that fosters creative exploration, critical thinking, refined craftsmanship, and professional development as they prepare for their art and design careers. Admission is competitive. Digital Art and Design applicants are required to submit a portfolio of previous artwork in which samples are evaluated for art, design, and conceptual thinking skills.

All curricula are designed to increase student awareness of the entire field of visual arts. Prior to specialized study, each area requires the same first-year foundation curriculum, which establishes principles of artistic concepts through emphasis on color, design, drawing, motion, time, and visual presentation. In addition, foundation courses provide an art historical and theoretical context. This is followed by a focused course of study that allows students to refine their crafts in the areas of animation, graphic design interactive/game design, and motion graphics.

The Department of Digital Art and Design's facility promotes the synthesis of technological tools and artistic expression. In the classroom and art media labs, students use state-of-the-art hardware, as well as a wide variety of two-dimensional, three-dimensional, and graphics software applications. Advanced tools, including motion capture, gaming, 3-D printing, and emerging technologies, are considered among the most advanced in the metropolitan area.

In addition to receiving an academically rich course experience, the student of digital art and design will be introduced to practical concerns related to the professions of computer graphics and graphic design. This takes place through the integration of industry-driven content into the classroom in the forms of real-world projects, internships, site visits, and industry presentations. Digital Art and Design students' academic research is further enhanced with multidisciplinary, practical, and global experiences in the context of New York Tech's diverse regional and international communities.

International F-1 students who successfully complete this degree are eligible for an additional 24-month STEM OPT extension to work in the U.S. in an area directly related to their area of study immediately upon completing the customary 12-month post-completion Optional Practical Training (OPT).

The Department of Digital Art and Design offers the following degrees:

- B.F.A. in Digital Arts
- B.F.A. in Digital Arts with Game Design Concentration
- B.F.A. in Graphic Design

Digital Arts

Today, digital art is a much sought-after field of study due to its expansive use in a variety of visualization applications throughout the world. Without the foundations in the principles of design, studio practice, and a portfolio of critiqued work, the application rarely produces professional results.

Our goal is to help students understand the relationship of design and technology. This allows the student to develop the ability to create and compose content that communicates ideas in an effective manner for both general and specific markets. Successful presentations will educate, inform, motivate, entertain, persuade, challenge, and inspire audiences while transcending the medium of delivery.

The digital arts major will take courses in areas including game design and interaction design experiences, animation, 3-D modeling, character design and development, digital sculpture, motion capture, motion graphics, and visual effects, and storyboarding.

Digital Arts with Game Design Concentration

This concentration will use an interdisciplinary approach—bringing together elements of animation, graphic design, and UI/UX as well as computer science, architecture, behavior studies, psychology, and education—to prepare students for the emerging technologies in game design.

These technologies continue to evolve, and the need for interdisciplinary approaches that combine technology, art, and design in an applied setting becomes increasingly important. As the game design industry expands, professionals and employers are looking for students with a focus that encompasses the standards and knowledge that a concentration like this would achieve.

Students completing this concentration will become familiar with new creative and expressive ways of applying game design fundentals to digital art and of applying digital art to game design, learning to use emerging technologies to create games as forms of dital art. The concentration will leverage a network of collaborators from academica and the design and gaming industries to prepare students for opportunities as digital designers with technical art skills within the game design field.

Graphic Design

Graphic design as an industry has become a significant growth area worldwide. With the rapid changes taking hold in the way business and advertising are being conducted today, it is no wonder that experts have targeted graphic design as the profession to manage and deliver the volume of information that is exponentially produced and consumed.

The new graphic designers must be able to design and direct a multitude of media without being lost in the avalanche. The graphic design sequence of courses prepares our students to accept the challenge by integrating and interpreting the language and syntax of visualization within emerging technology. This knowledge and skill has become the current entry-level requirement of the industry. New York Tech students will be well prepared at their first employment interview with portfolio in hand and on a web page.

The graphic design major will take courses in areas including advertising, currency, editorial, illustration, information graphics, branding, layout, motion graphics, packaging, typography, and web/interactive design.

This program follows our general admission requirements, plus a portfolio review.

Portfolios

Portfolios should include assignment-based projects and/or self-directed work that demonstrate art, design, and conceptual thinking skills. The artwork should be original and cannot be reproductions of already existing artwork or designs.

Portfolio Requirements

- Ten original artworks in digital, traditional, or mixed media mediums that showcase an understanding of art, design, and conceptual thinking. Submissions can be entirely digital, entirely traditional, or a combination of mixed mediums.
- A description sheet that includes the following information for each submitted artwork: title, medium, dimensions, date of creation, running time (if applicable).
- (Optional) A document describing yourself as an artist or designer. Document could contain information such as your inspirations in art, your creative process, or goals you are looking to achieve in the fields of digital art and/or design.

Formats

- All artwork must be submitted in PDF file format.
- Description sheet must be submitted in PDF file format.
- Animation/Video work (max. three minutes) may be included as a link to an uploaded file on YouTube, Vimeo, or a personal website. Please include the URL in your description sheet.

Submit your portfolio

Application Materials

- Completed application
- $50 nonrefundable application fee
- Copies of transcripts of all high school work, including college-level courses. Your midyear and final grades will be required. All final, official transcripts must be received prior to the start of your first semester.
- First-time, first-year applicants may choose to submit their application without standardized test scores to be considered for admission to New York Institute of Technology. You also have the option of submitting test results if you feel your academic strength is best reflected by your scores:
  - SAT Code: 2561, ACT Code: 2832
- Two letters of recommendation
- 300–350 word essay on one of the following topics:
  - Tell us about your career goals and why attending New York Tech would further these goals.
  - Describe the achievement of which you are most proud and why.

International Students Special Requirements

School of Architecture and Design Curriculum

Curriculum Requirements for Bachelor of Fine Arts in Digital Arts

General Education

Foundations		Credits:
FCWR 101	Writing I: Foundations of College Composition	3
FCWR 151	Writing II: Foundations of Research Writing	3
FCWR 303	Communication for Art and Design	3
		Total: 9 Credits

Data Literacy		Credits:
DATA 101	Making Sense of a Data-Oriented Society	3

Seminars (select courses from at least three of the four areas)		Credits:
ICBS 3XX	Behavioral Science choice	3
ICLT 3XX	Literature choice	3
ICPH 3XX	Philosophy choice	3
ICSS 3XX	Social Science choice	3
		Total: 12 Credits

Students must take four seminar courses from at least three different areas of study.

Mathematics and Science		Credits:
MATH 115	Introductory Concepts of Mathematics	3
	Any BIOL, CHEM, or PHYS course	6
		Total: 9 Credits

Major Requirements

Freshman Art Foundation		Credits:
ARTD 102	Form and Space	3
ARTD 103	Shape and Color	3
ARTD 155	Time and Motion	3
ARTW 101	Drawing I	3
ARTW 151	Drawing II	3
		Total: 15 Credits

Art History		Credits:
ARTH 101	Art History I	3
ARTH 151	Art History II	3
ARTH 201	Art History III	3
ARTH 301	Aesthetics I	3
		Total: 12 Credits

Computer Graphics Sequence*		Credits:
ARTC 201	Computer Graphics I	3
ARTC 251	Computer Graphics II	3
ARTC 301	Motion Graphics I	3
ARTC 351	Digital Compositing	3
		Total: 12 Credits

* All computer graphics courses require department permission prior to registration.

Thesis and Portfolio		Credits:
ARTC 400	Thesis Proposal	3
ARTC 405	Thesis Production I	3
ARTC 406	Thesis Production II	3
ARTC 410	Portfolio	3
		Total: 12 Credits

Department Electives		Credits:
	Choose courses in consultation with advisor.	21

General Electives		Credits:
	Choose courses in consultation with advisor.	15

Total Required Credits = 120

Curriculum Requirements for B.F.A. in Digital Arts, Game Design Concentration

General Education

Foundations		Credits:
FCWR 101	Writing I: Foundations of College Composition	3
FCWR 151	Writing II: Foundations of Research Writing	3
FCWR 303	Communication for Art and Design	3
		Total: 9 Credits

Data Literacy		Credits:
DATA 101	Making Sense of a Data-Oriented Society	3

Seminars (select courses from at least three of the four areas)		Credits:
ICBS 3XX	Behavioral Science choice	3
ICLT 3XX	Literature choice	3
ICPH 3XX	Philosophy choice	3
ICSS 3XX	Social Science choice	3
		Total: 12 Credits

Students must take four seminar courses from at least three different areas of study.

Mathematics and Science		Credits:
MATH 115	Introductory Concepts of Mathematics	3
	Any BIOL, CHEM, or PHYS courses	6
		Total: 9 Credits

Major Requirements

Freshman Art Foundation		Credits:
ARTD 102	Form and Space	3
ARTD 103	Shape and Color	3
ARTD 155	Time and Motion	3
ARTW 101	Drawing I	3
ARTW 151	Drawing II	3
		Total: 15 Credits

Art History		Credits:

ARTH 101	Art History I	3
ARTH 151	Art History II	3
ARTH 201	Art History III	3
ARTH 301	Aesthetics I	3
		Total: 12 Credits

Computer Graphics Sequence*		Credits:
ARTC 201	Computer Graphics I	3
ARTC 251	Computer Graphics II	3
ARTC 301	Motion Graphics I	3
ARTC 351	Digital Compositing	3
		Total: 12 Credits

* All computer graphics courses require department permission prior to registration.

Game Design Concentration		Credits:
ARTC 260	Introduction to 3D Modeling and Animation	3
ARTC 270	Game Theory + History: Intro to Interactive Game Design	3
ARTC 370	Game Design I	3
ARTC 371	Game Design II	3
ARTQ 301	Level Game Design	3
ARTQ 451	Game Design – Coding for Game Development	3
ARTQ 452	Game Design III – Technical Artist Studio	3
ARTQ 453	Emerging Technologies for Games and Interactive Applications	3
		Total: 24 Credits

Thesis and Portfolio		Credits:
ARTC 400	Thesis Proposal	3
ARTC 405	Thesis Production I	3
ARTC 406	Thesis Production II	3
ARTC 410	Portfolio	3
		Total: 12 Credits

General Electives		Credits:
	Choose courses in consultation with advisor.	12

Total Required Credits = 120

Curriculum Requirements for Bachelor of Fine Arts in Graphic

Design

General Education

Foundations		Credits:
FCWR 101	Writing I: Foundations of College Composition	3
FCWR 151	Writing II: Foundations of Research Writing	3
FCWR 303	Communication for Art and Design	3
		Total: 9 Credits

Data Literacy		Credits:
DATA 101	Making Sense of a Data-Oriented Society	3

Seminars (select courses from at least three of the four areas)		Credits:
ICBS 3XX	Behavioral Science choice	3
ICLT 3XX	Literature choice	3
ICPH 3XX	Philosophy choice	3
ICSS 3XX	Social Science choice	3
		Total: 12 Credits

Students must take four seminar courses from at least three different areas of study.

Mathematics		Credits:
MATH 115	Introductory Concepts of Mathematics	3

Sciences		Credits:
	Any BIOL, CHEM, or PHYS course	3
	Any science course	3
		Total: 6 Credits

Major Requirements

Freshman Art Foundation		Credits:
ARTD 102	Form and Space	3
ARTD 103	Shape and Color	3
ARTW 101	Drawing I	3
ARTW 151	Drawing II	3
		Total: 12 Credits

Graphic Design Sequence		Credits:
ARTC 201	Computer Graphics I*	3

ARTC 251	Computer Graphics II*	3
ARTC 301	Motion Graphics I*	3
ARTG 201	Design Principles	3
ARTG 251	Visual Identity	3
ARTG 301	Experience Design	3
ARTG 302	Typography	3
ARTG 303	Illustration	3
ARTG 351	Package Design	3
ARTG 352	Editorial Design	3
ARTG 401	Advertising Design	3
ARTG 404	Information Design	3
ARTG 451	Portfolio	3
		Total: 39 Credits

* All computer graphics courses require department permission prior to registration.

Art History		Credits:
ARTH 101	Art History I	3
ARTH 151	Art History II	3
ARTH 201	Art History III	3
		Total: 9 Credits

Department Electives (choose four)		Credits:
ARTB 300	Academic Internship	3
ARTG 260	Web Design	3
ARTG 310	Advanced Typography	3
ARTG 320	Motion Graphics II	3
ARTG 402	Book Design	3
ARTG 403	Branding	3
ARTJ 301	Independent Study	3
ARTJ 403	Special Topics	3
ARTP 201	Painting I	3
ARTR 201	Printing I	3
ARTS 201	Sculpture I	3
ARTS 251	Sculpture II	3
ARTW 255	Concept and Visual Storytelling	3
ARTW 265	Traditional to Digital Media	3
ARTY 201	Digital Photography	3
		Total: 12 Credits

General Electives		Credits:

Choose electives in consultation with advisor. 15

Total Required Credits = 120

School of Architecture and Design

Graphic Design, Minor

What is a minor in graphic design and why is it important?

Graphic design has emerged as an important asset in many industry sectors, including digital arts, communications and media production, architecture, business, computer science, and engineering. In these various contexts, design enhances communication through sophisticated and entertaining visual formats. Contemporary examples include social media and web platforms, which utilize animated graphics, typography, background, color palette, and layout to effectively present information. Entrepreneurs and product designers develop an ideation process in order to translate an object's functionality into a distinctive, memorable, and pleasing user experience. The success of a presentation—whether in a business environment or classroom—depends on a sophisticated presentation incorporating motion graphics, typography, and stylized look or feel.

Technological advancements including augmented reality and rapid prototyping present further opportunity for innovating the way that a product is delivered, sold, and experienced. Through the HIVE (Home of Innovation, Visualization, and Exploration), graphic design students will have access to advanced visualization tools to push the possibilities of any design goal.

The Minor in Graphic Design is designed to provide students from across the university visual communication strategies, digital manipulation skills, and fundamental knowledge of industry standards, technologies, and terminologies, along with creative thinking and problem solving. This minor is in line with the New York Institute of Technology mission of offering career-oriented, professional education.

Upon successful completion of the Minor in Graphic Design, students will be able to:

1. Apply principles of visual organization to information in the context of their discipline
2. Present visual content in effective and aesthetically pleasing ways
3. Generate media that will help explore, develop, and refine their communications
4. Demonstrate diverse knowledge and skills required to perform professionally in an evolving creative work environment

The Minor in Graphic Design is open to all majors. Candidates do not need to present a portfolio to show proficiency in Adobe programs. The minor will consist of 15 credits made up of the four core courses* and one elective.

* Courses from other New York Tech majors can be considered acceptable substitutes for the minor's required courses. For the substitution(s) to be considered, the student must earn at least a grade of "C" in the course considered for the substitution. Students who wish to request a course substitution should contact the Department of Digital Arts and Design chairperson.

Curriculum Requirements for Minor in Graphic Design

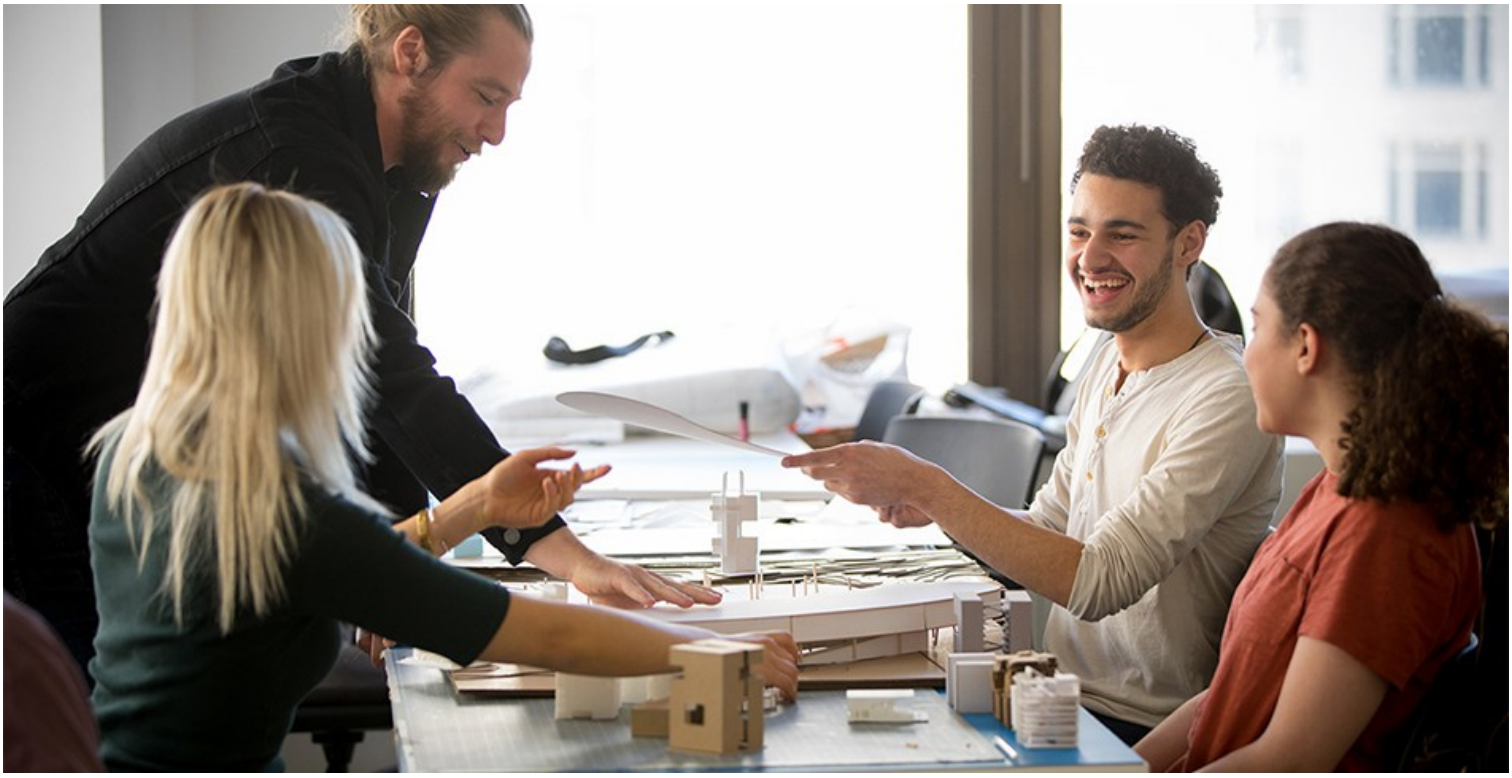
Minor Requirements

Minor Course Requirements		Credits:
ARTC 201	Computer Graphics I	3
ARTD 103	Shape and Color	3
ARTG 201	Design Principles	3
ARTG 302	Typography	3
		Total: 12 Credits

Elective Courses (choose one)		Credits:
ARTC 251	Computer Graphics II	3
ARTG 251	Visual Identity	3
ARTG 260	Web Design	3
ARTG 301	Experience Design	3
ARTG 310	Advanced Typography	3
ARTG 351	Package Design	3
ARTG 352	Editorial Design	3
ARTG 401	Advertising Design	3
ARTG 403	Branding	3
ARTG 404	Information Design	3
		Total: 3 Credits

Total Program Credits = 15

Interior Design, B.F.A.



Mission and Vision

The mission of the Interior Design Program of the School of Architecture and Design at New York Institute of Technology is to prepare graduates who are globally engaged, environmentally sensitive, and have acquired the intellectual tools, artistic sensibility, and hands-on technical proficiency for high-level practice and interdisciplinary engagement.

The program has been in existence for over half a century. Its long-term future is based on the integration of cutting-edge technological tools with rock-solid professional skills. These foundational components were established under the strong, influential leadership of Hans Schroeder, the department's first chair.

The Department of Interior Design is recognized as one of the leading CIDA-accredited programs offering outstanding career preparation within the unique context of a school of architecture and design. The program offers its students comprehensive expertise in interdisciplinary practice models, and is supported by the leading edge of professional practice and emerging new technologies.

The Offerings

There are two distinct offerings within the program. The first track consists of 130 credits towards a Bachelor of Fine Arts (B.F.A.) in Interior Design. The second track is a 4+1 option, a 30-credit Master of Business Administration (M.B.A.) within the School of Management, which is a supplemental degree to the Interior Design, B.F.A. In the second track, the program provides a curriculum structure for students to take 500-level graduate courses, recognized by the School of Management towards their M.B.A., while they are enrolled in the B.F.A. undergraduate program.

Students attend, and faculty teach, at the New York City campus. All students admitted to the Interior Design Program begin their studies with a foundation year of design, visualization, history, and theory, along with the required Discovery Core courses. Combined cohorts of architecture and interior design students take these courses together, providing Interior Design students with the opportunity to integrate within the School of Architecture and Design and interact with peers in allied programs.

Direct admission into the first year of either track requires a minimum combined SAT score of 1080 (critical reading and math only) or ACT of 21. Students failing to meet this requirement are permitted to matriculate with an undeclared degree status and take select courses which foster the exploration of architecture and design pathways to demonstrate academic success in a college setting. Completion of the first semester with a minimum cumulative grade point average of 2.5 allows the undeclared student to register for the Bachelor of Fine Arts in Interior Design or the 4+1 track.

The Interior Designer of Today

As the interior design profession has gained prominence and professional stature, being charged with the execution of important public safety and welfare functions, the designer is recognized as an integral member of the professional team alongside architects and engineers. This expanded role places increased pressure on Interior Design professionals and therefore on schools to maintain exacting standards and accreditation with councils charged with ensuring the knowledge and expertise required for this demanding profession. The interior designer not only creates human environments which enhance the function and quality of public and private spaces, but also the expression of human values —by providing a context for human activity, improving the quality of life, and increasing productivity, all while protecting the public's health

and safety.

The Interior Design program prepares students for the rewarding challenges of designing for the 21st century. The program focuses on the relationship between human performance and environment through an innovative mix of studio design projects, profession-specific coursework, community-oriented projects, and internships in the field. Complementing these experiences, the program also offers study abroad and multiple, interactive ventures with furniture, media, textile, lighting, and other material manufacturers. New York City is a major metropolitan area with significant centers of design, showrooms of products, practitioners' studios and offices, as well as access to iconic public spaces. The alternative locations serve as a "living" classroom, deepening the student experience.

Students are introduced to, and work with, professionals through office and project site visits. To enhance student learning, the program reaches out, not only locally and regionally, but also globally. New York Tech's Interior Design program was one of 18 schools from around the world invited to participate in the celebrated Salone Satellite exhibition in Milan, Italy, one of the world's most exclusive design and furniture fairs.

The Curriculum

The curriculum includes coursework that covers all aspects of professional interior design. Advanced courses in interior design cover such topics as materials, color, digital modeling and rendering, animation, CNC fabrication, 3D printing, BIM, computer-aided drawing (CAD), building codes, history of interior design and architecture, furniture design, lighting, business procedures, and special projects. The curriculum is sequential, with the knowledge that the skills and design sensibilities gained at each level directly affect succeeding levels as students advance through the program.

A special aspect of the program is that many faculty members are practicing professionals in the fields of interior design, architecture, industrial design, graphics, and other related professions. This cross-disciplinary approach mirrors real-world interaction and relationships. As the professions of interior design and architecture reference each other more and more, this aspect becomes a critical and important distinction for both programs.

The cultural diversity and broad life experiences of our student cohorts are integral to the program. To ensure opportunity for students with diverse backgrounds, portfolios are only voluntarily submitted for review (not required) as part of the admission process. However, all students are required to submit an evaluation/portfolio for review, and have a 2.75 cumulative index or a 3.0 average in interior design coursework after completion of the second semester of their second year. Acceptance of the evaluation/portfolios is required prior to admittance to the third year of study. Transfer students who are applying for interior design, architecture, or fine arts credits must have a portfolio review with the department to determine their position in the program.

Students work closely with faculty advisors who serve as academic and professional mentors throughout their years at New York Institute of Technology. To further refine professional development, students are required to participate in an internship. To be eligible, students must have sophomore or higher status and at least one semester in residence with a 2.0 or better GPA. The internship requirement is for a minimum of 256 hours and affords the student the opportunity to gain practical experience, increase professionalism, develop a basic understanding of the work environment, and sharpen career focus.

From Study to Professional Practice

In the final year of study, students develop a capstone thesis, which serves to showcase their skills and accrued knowledge in the design program. They develop and research a program, select a site, and conceptualize and design an interior environment. The research, documents, and images that result are presented to a professional jury of practitioners and professors.

Scholarship opportunities specifically for interior design students include the Brendalyn Stempel Scholarships (selected by the donor and available to students entering their fourth year of studies) and the ELF awards through the local ASID chapter and awarded through the department each year. In addition, our students have applied for and been recipients of the National Donghia Scholarships, IIDA, and NEWH scholarships.

The 4-year Bachelor of Fine Arts in Interior Design and the 4+1 B.F.A.-M.B.A. put the student firmly on a professional career path. Upon graduation and two years of interior design work experience (half of which may be possible to achieve while in school), U.S. graduates of the program are eligible to sit for the National Council of Interior Design Qualification exam. Passage of this exam, in conjunction with one additional year of work experience, allows for application to New York State to be licensed as a CID, Certified Interior Designer. Other states have similar certification and licensing requirements. The interior design program at New York Tech has been continuously accredited by the Council for Interior Design Accreditation since March 1984. The 2019 CIDA visit resulted in a six-year professional level accreditation through 2025.

International F-1 students who successfully complete this degree are eligible for an additional 24-month STEM OPT extension to work in the U.S. in an area directly related to their area of study immediately upon completing the customary 12-month post-completion Optional Practical Training (OPT).

Admission Requirements

First Year

- Minimum combined SAT score of 1080 (critical reading and math only) or ACT composite score of 21
    - Students who do not meet this requirement will be permitted to matriculate with an undeclared degree status in the School of

Architecture and Design. The designation is ARCH Undeclared. During this time, students undertake selected courses that foster the exploration of architecture and design while demonstrating academic success in a college setting. Completion of the first semester with a minimum cumulative grade average of 2.5 allows the ARCH Undeclared major access to the Interior Design, B.F.A. program.

Transfer

- A portfolio review by school design faculty is required for all transfer students seeking transfer credit for design coursework.

Application Materials

- Completed application
- $50 nonrefundable application fee
- Copies of transcripts of all high school work, including college-level courses. Midyear and final grades are required. All final, official transcripts must be received prior to the start of the first semester.
- Official SAT (critical reading and math only) or ACT test scores. Results from the previous or redesigned SAT are acceptable. If an applicant has fewer than 24 credits of previous college work completed, they will need to submit official SAT or ACT scores.
  - SAT Code: 2561, ACT Code: 2832
- Two letters of recommendation
- 300–350 word essay on one of the following topics:
  - Tell us about your career goals and why attending New York Tech would further these goals.
  - Describe the achievement of which you are most proud and why.

International Students Special Requirements

Progression in the Program

- At the juncture between the second and third year studios, all students are required to submit an Evaluation/Portfolio for review and have a 2.75 cumulative index, or a 3.0 average in interior design coursework. Students must submit the Evaluation/Portfolios for review while enrolled in DSGN 204 (Interior Environments III), and approval is needed for admittance to DSGN 303 (Interior Environments IV). To realize the department's commitment to a cross-disciplinary approach that fosters professionalism and other human values critical to a successful career in interior design, each student seeking admission to DSGN 303 will also be evaluated by faculty on presentation skills, interpersonal skills, and attitude, and the department reserves the right to deny or delay a student's admission to DSGN 303 on that basis.

School of Architecture and Design Curriculum

Curriculum Requirements for Bachelor of Fine Arts in Interior Design

General Education

Foundations		Credits:
FCWR 101	Writing I: Foundations of College Composition	3
FCWR 151	Writing II: Foundations of Research Writing	3
FCWR 303	Communication for Art and Design	3
		Total: 9 Credits

Data Literacy		Credits:
DATA 101	Making Sense of a Data-Oriented Society	3

Seminars (select courses from at least three of the four areas)		Credits:
ICBS 3XX	Behavioral Science choice	3

ICLT 3XX	Literature choice	3
ICPH 3XX	Philosophy choice	3
ICSS 3XX	Social Science choice	3
		Total: 12 Credits

Students must take four seminar courses from at least three different areas of study.

Mathematics		Credits:
MATH 115	Introductory Concepts of Mathematics	3

Sciences		Credits:
	Any 100-level BIOL, CHEM, or PHYS course	3
	Any science course	3
		Total: 6 Credits

Major Requirements

Architecture/Interior Design		Credits:
AAID 101	Design Fundamentals I	5
AAID 140	Visualization I	3
AAID 160	Introduction to History, Theory, and Criticism in Architecture and Design	3
AAID 240	Visualization II	3
		Total: 14 Credits

Architecture		Credits:
ARCH 325	Environmental Systems II	3

Interior Design		Credits:
DSGN 102	Interior Environments I	4
DSGN 160	Design Theory: History and Context	3
DSGN 203	Interior Environments II	4
DSGN 204	Interior Environments III	4
DSGN 211	Structures	2
DSGN 221	Working Drawings	3
DSGN 224	Material Discoveries	3
DSGN 232	Color in Space	2
DSGN 242	Modeling, Rendering, and Communication I	3
DSGN 243	Modeling, Rendering, and Communication II	3
DSGN 303	Interior Environments IV	4
DSGN 304	Furniture Design and Detail Integration	4
DSGN 362	History of Interiors I	3

DSGN 363	History of Interiors II	3
DSGN 370	Lighting Strategies for Interiors	3
DSGN 382	Building Codes and Regulations	3
DSGN 383	Marketing and Branding for Design Disciplines	1
DSGN 401	Interior Environments V	4
DSGN 402	Senior Project in Interior Design	4
DSGN 451	Interior Design Thesis Research	2
DSGN 483	Interior Design Business and Management	3
		Total: 65 Credits

Fine Arts		Credits:
ARTW 101	Drawing I	3

Electives		Credits:
	General Electives	9
	Liberal Arts Electives	3
		Total: 12 Credits

Consult with advisor on any elective choices

Total Required Credits = 130

School of Architecture and Design Curriculum

Curriculum Requirements for Interior Design, B.F.A., Design Management M.B.A. Track

General Education

Foundations		Credits:
FCWR 101	Writing I: Foundations of College Composition	3
FCWR 151	Writing II: Foundations of Research Writing	3
FCWR 303	Communication for Art and Design	3
		Total: 9 Credits

Data Literacy		Credits:
DATA 101	Making Sense of a Data-Oriented Society	3

Seminars (select courses from three of the four areas)		Credits:
ICBS 3XX	Behavioral Science choice	3

ICLT 3XX	Literature choice	3
ICPH 3XX	Philosophy choice	3
ICSS 3XX	Social Science choice	3
		Total: 9 Credits

Students must take three seminar courses from three different areas of study.

Required Seminars		Credits:
ECON 501	Principles of Economics I	1.5
ECON 510	Principles of Economics II	1.5
		Total: 3 Credits

Mathematics		Credits:
MATH 125	Finite Mathematics	3

Sciences		Credits:
	Any 100-level BIOL, CHEM, or PHYS course	3
	Any science course	3
		Total: 6 Credits

Major Requirements

Architecture and Design Fundamentals		Credits:
AAID 101	Design Fundamentals I	5
AAID 140	Visualization I	3
AAID 160	Introduction to History, Theory, and Criticism in Architecture and Design	3
AAID 240	Visualization II	3
ARTW 101	Drawing I*	3
ARCH 325	Environmental Systems II	3
		Total: 20 Credits

* Students may substitute Drawing I for another fine arts choice. Consult with advisor on any elective choices.

Interior Design Courses		Credits:
DSGN 102	Interior Environments I	4
DSGN 160	Design Theory: History and Context	3
DSGN 203	Interior Environments II	4
DSGN 204	Interior Environments III	4
DSGN 211	Structures	2
DSGN 221	Working Drawings	3
DSGN 224	Material Discoveries	3
DSGN 232	Color in Space	2

DSGN 242	Modeling, Rendering, and Communication I	3
DSGN 243	Modeling, Rendering, and Communication II	3
DSGN 303	Interior Environments IV	4
DSGN 304	Furniture Design and Detail Integration	4
DSGN 362	History of Interiors I	3
DSGN 363	History of Interiors II	3
DSGN 370	Lighting Strategies for Interiors	3
DSGN 382	Building Codes and Regulations	3
DSGN 383	Marketing and Branding for Design Disciplines	1
DSGN 401	Interior Environments V	4
DSGN 402	Senior Project in Interior Design	4
DSGN 451	Interior Design Thesis Research	2
DSGN 483	Interior Design Business and Management	3
		Total: 65 Credits

Liberal Arts Electives		Credits:
	Consult with advisor on any elective choices	3

Management Electives (choose six)		Credits:
ACCT 501	Accounting I	1.5
ACCT 510	Managerial Accounting	1.5
FINC 501	Finance	1.5
MGMT 501	Principles of Management	1.5
BUSI 510	Business Research Methods	1.5
MIST 501	Management Information Systems	1.5
MRKT 501	Introduction to Marketing	1.5
QANT 501	Business Statistics	1.5
QANT 510	Production and Operations Management	1.5
QANT 520	Management Science	1.5
		Total: 9 Credits

Students must take six 1.5 credit each 500-level School of Management Waivable Core Courses to complete the B.F.A. degree requirement before moving on to the M.B.A. component.

Total B.F.A. Required Credits = 130

Master of Business Administration		Credits:
	Credits to be completed within the School of Management M.B.A. program.	30

Total Combined Credit Requirement = 160

School of Health Professions

Nicole Wadsworth, D.O., FACEOP, FACEP
Interim Dean

Mindy Haar, Ph.D., R.D., C.D.N.
Assistant Dean of Undergraduate Affairs

Corri Wolf, PA-C, Ph.D.
Assistant Dean of Accreditation and Curriculum

The School of Health Professions offers bachelor's degrees in Exercise Science, Health Sciences, Health and Wellness, and Nursing, as well as minors in Health Sciences and Health Services Administration. The school also offers master's degrees in Clinical Nutrition, Occupational Therapy, and Physician Assistant Studies; an Occupational Therapy Doctorate; and a Doctor of Physical Therapy. The school collaborates with all university divisions in its academic endeavors, especially the College of Osteopathic Medicine.

Doctor of Physical Therapy (PHTH)
Cheryl Hall, PT, D.H.Sc., PCS, Chair

Advanced Certificate in Nutrition for Healthcare Providers
Master of Science in Clinical Nutrition (CLNU)
Mindy Haar, Ph.D., R.D., C.D.N., Chair

Master of Science in Occupational Therapy (MSOT)
Doctorate in Occupational Therapy (OTD)
Pamela Karp, Ed.D., OTR/L, CHT, Chair

Master of Science in Physician Assistant Studies (PHAS)
Kristine Prazak-Davoli, Ph.D., PA-C, Interim Chair

Advanced Certificate in Coaching Administration
Advanced Certificate in Kinesiology
Bachelor of Science in Exercise Science, Exercise Physiology Concentration (EXSC)
Bachelor of Science in Health and Wellness (HLTWL)
Bachelor of Science in Health Sciences (HSCI)
Master of Science in Exercise and Sport Science
Minor in Health Sciences
Minor in Health Services Administration

Mindy Haar, Ph.D., R.D., C.D.N., Chair

Bachelor of Science in Nursing (NURS)
Lisa Sparacino, Ph.D., C.C.R.N., C.N.E., Chair

School of Health Professions

Exercise Science, B.S., Exercise Physiology Concentration

The Bachelor of Science in Exercise Science with a Concentration in Exercise Physiology degree builds on a foundation of New York Tech's general education curriculum and progressively introduces courses and experiences that encompass the wider domains of exercise, fitness, health, nutrition, and physical activity. The curriculum includes courses in kinesiology, aerobic conditioning, movement analysis, and survey of athletic injuries. As seniors, students take a capstone course that includes experiential learning and practical experiences where emphasis is placed on critical thinking skills, undergraduate research, and oral communication that enhance professional capabilities. Our graduates are able to apply scientific, physiological, and psychological concepts related to athletic, exercise, and fitness performance. They are also prepared to design and implement safe and effective fitness programs for a wide variety of populations.

This undergraduate degree prepares students for entry-level positions within the exercise and fitness industry. Career options include working in a fitness center, Boys and Girls Club, YMCA, gymnasium, with a sports team or club, and in a leadership position at an exercise facility. Graduates with this degree are also prepared to take additional certifications by accredited organizations in the field and/or consider graduate programs in exercise physiology, physical therapy, occupational therapy, or management.

The School of Health Professions is pleased to provide an early assurance opportunity for entry into the Doctor of Physical Therapy program to those students who qualify and are enrolled in the Exercise Science, B.S. program. All existing program criteria remains the same.

International F-1 students who successfully complete this degree are eligible for an additional 24-month STEM OPT extension to work in the U.S. in an area directly related to their area of study immediately upon completing the customary 12-month post-completion Optional Practical Training (OPT).

This program follows our general admission requirements.

Application Materials

- Completed application
- $50 nonrefundable application fee

- Copies of transcripts of all high school work, including college-level courses. Your midyear and final grades will be required. All final, official transcripts must be received prior to the start of your first semester.
- First-time, first-year applicants may choose to submit their application without standardized test scores to be considered for admission to New York Institute of Technology. You also have the option of submitting test results if you feel your academic strength is best reflected by your scores:
  - SAT Code: 2561, ACT Code: 2832
- Two letters of recommendation

- 300–350 word essay on one of the following topics:

  - Tell us about your career goals and why attending New York Tech would further these goals.
  - Describe the achievement of which you are most proud and why.

International Students Special Requirements

School of Health Professions Curriculum

Curriculum Requirements for B.S. in Exercise Science, Exercise Physiology Concentration

General Education

Foundations		Credits:
FCWR 101	Writing I: Foundations of College Composition	3
FCWR 151	Writing II: Foundations of Research Writing	3
FCWR 302	Communication for Healthcare Careers	3
		Total: 9 Credits

Non-native English speakers take FCWR 111 instead of FCWR 101, and FCWR 161 instead of FCWR 151.

Data Literacy		Credits:
DATA 101	Making Sense of a Data-Oriented Society	3

Behavioral Science Core		Credits:
ICBS 309	Anthropological Approaches to Health Seminar	3

Seminars (select courses from three of the four areas)		Credits:
ICBS 3XX	Behavioral Science choice	3
ICLT 3XX	Literature Choice	3
ICPH 3XX	Philosophy Choice	3
ICSS 3XX	Social Science Choice	3
		Total: 9 Credits

Students must take three seminar courses from three different areas of study.

Math Requirement (choose one)		Credits:

MATH 135	Fundamentals of Precalculus I	4
MATH 141	Precalculus	4
		Total: 4 Credits

Science Requirement (choose one)		Credits:
CHEM 105	Applied Chemistry	3
CHEM 110	General Chemistry I	4
		Total: 3–4 Credits

Science Elective (choose one)		Credits:
	Any BIOL, CHEM, or PHYS course	3–4
EXSC 240	Functional Anatomy	3
		Total: 3–4 Credits

Major Requirements

Behavioral Science		Credits:
PSYC 101	Introduction to Psychology	3
		Total: 3 Credits

Biology		Credits:
BIOL 210	Human Gross Anatomy	4
BIOL 310	Human Physiology	4
		Total: 8 Credits

Management		Credits:
MGMT 102	Principles of Management	3
		Total: 3 Credits

Nutrition Science		Credits:
NTSI 201	Introduction to Clinical Nutrition Practice	3
NTSI 360	Lifestyle and Weight Management	3
		Total: 6 Credits

Exercise Science Core		Credits:
EXSC 100	Introduction to Kinesiology	3
EXSC 110	Foundations of Physical Activity	3
EXSC 150	Aerobic Conditioning	3
EXSC 160	Resistance and Flexibility Training	3
EXSC 200	Motion Analysis	3
EXSC 210	Measurement and Prescription	3

EXSC 220	Disability and Diversity in Physical Activity	3
EXSC 230	Survey of Athletic Injuries	3
EXSC 300	Exercise Physiology**	3
		Total: 27 Credits

** EXSC 300 Exercise Physiology is cross-listed with HSCI 330.

Exercise Physiology Concentration (choose five)		Credits:
EXSC 310	Essentials of Strength and Conditioning	3
EXSC 320	Biomechanics	3
EXSC 330	Motor Learning	3
EXSC 340	Graded Exercise Testing	3
EXSC 350	Aerobic and Anaerobic Exercise Leadership	3
EXSC 360	Exercise Programs for Special Populations	3
EXSC 370	Exercise Programs for Older Adults	3
EXSC 380	Exercise and Sport Psychology**	3
HSCI 370	Introduction to Clinical Cardiology	3
HSCI 480	Health Education and Promotion	4
		Total: 15–16 Credits

** EXSC 380 Exercise and Sport Psychology is cross-listed with PSYC 321.

General Electives		Credits:
	Consult with advisor on all elective choices	18

Capstone Project		Credits:
EXSC 400	Seminar: Contemporary Issues in Exercise Science	3
EXSC 410	Senior Practicum	4
		Total: 7 Credits

Capstone courses (EXSC 400 and EXSC 410) must be taken together in the same semester.

Total Program Requirement = 121–124 credits

School of Health Professions

Health and Wellness, B.S.

The Bachelor of Science in Health and Wellness offers students an excellent foundation in health, science, and liberal arts. Broadly educated students with knowledge of contemporary healthcare issues and services are ready for employment in medical centers, clinics, community health centers, government health departments, fitness and wellness centers, and the pharmaceutical and health insurance industries. According to the U.S. Bureau of Labor Statistics, careers in exercise, wellness, and health promotion are projected to grow faster than average and job prospects are favorable. The rising cost of healthcare, an aging population, and concerns about childhood obesity have increased the need for individuals trained to address these issues. In addition, graduates may pursue advanced studies in fields such as nursing, public health, health administration, social work, and health information technology.

Our faculty are accomplished health professionals across many disciplines who have a passion for teaching. Their experiences, participation in professional organizations, and cutting-edge research across local, national, and international venues impact how students think about health. Career advisement is ongoing at New York Tech. Students have the opportunity early on to discuss possible career paths with their advisor and match coursework with anticipated future employment and/or requirements of expected graduate study.

Students are introduced to health and wellness concerns through our course in Community Health Implications. Exposure to myriad health professions is given in Professional and Cultural Issues in Healthcare, in which representatives from several health disciplines visit the class and answer questions posed by students. Introduction to Clinical Nutrition Practice gives our majors a firm foundation in an increasingly important subject area. Our more advanced courses include the study of Medical Terminology, Medical Ethics, Health Information Management, Healthcare Payment Systems, and Health Education and Promotion. Our program also includes a choice of two of the following courses: Lifestyle and Weight Management, Health and Aging, Exercise Physiology, Introduction to Clinical Cardiology, and Complementary and Alternative Medicine. With 21 free elective credits, students may take additional courses in areas such as writing, management, and communications. Senior year includes a practicum course where students work 60 hours throughout one semester in a healthcare setting with support from a course leader, and guidance and oversight from the Office of Career Success and Experiential Education. This capstone course ensures that students develop professional skills in writing résumés, seeking appropriate positions, interviewing, and learning about workplace behavior.

Students interested in careers in physical therapy, occupational therapy, or physician assistant studies should major in the B.S. in Health Sciences, not the B.S. in Health and Wellness. The former degree includes extensive science and math courses needed for applying to related graduate programs.

International F-1 students who successfully complete this degree are eligible for an additional 24-month STEM OPT extension to work in the U.S. in an area directly related to their area of study immediately upon completing the customary 12-month post-completion Optional Practical Training (OPT).

This program follows our general admission requirements.

Application Materials

- Completed application
- $50 nonrefundable application fee

- Copies of transcripts of all high school work, including college-level courses. Your midyear and final grades will be required. All final, official transcripts must be received prior to the start of your first semester.
- First-time, first-year applicants may choose to submit their application without standardized test scores to be considered for admission to New York Institute of Technology. You also have the option of submitting test results if you feel your academic strength is best reflected by your scores:
  - SAT Code: 2561, ACT Code: 2832
- Two letters of recommendation

- 300–350 word essay on one of the following topics:

  - Tell us about your career goals and why attending New York Tech would further these goals.
  - Describe the achievement of which you are most proud and why.

International Students Special Requirements

School of Health Professions Curriculum

Curriculum Requirements for Bachelor of Science in Health and Wellness

General Education

Foundations		Credits:
FCWR 101	Writing I: Foundations of College Composition	3
FCWR 151	Writing II: Foundations of Research Writing	3
FCWR 302	Communication for Healthcare Careers	3
		Total: 9 Credits

Non-native English speakers take FCWR 111 instead of FCWR 101, and FCWR 161 instead of FCWR 151.

Data Literacy		Credits:
DATA 101	Making Sense of a Data-Oriented Society	3

Behavioral Science Core		Credits:
ICBS 309	Anthropological Approaches to Health Seminar	3

Seminars (select courses from three of the four areas)		Credits:
ICBS 3XX	Behavioral Science choice	3
ICLT 3XX	Literature choice	3
ICPH 3XX	Philosophy choice	3
ICSS 3XX	Social Science choice	3
		Total: 9 Credits

Students must take three seminar courses from three different areas of study.

Math Requirement (choose one)	Credits:

MATH 135	Fundamentals of Precalculus I	4
MATH 141	Precalculus	4
		Total: 4 Credits

Science Requirement (choose one)		Credits:
CHEM 105	Applied Chemistry	3
CHEM 110	General Chemistry I	4
		Total: 3–4 Credits

Major Requirements

Health Sciences Requirement		Credits:
HSCI 190	Community Health Implications	3
HSCI 195	Professional and Cultural Issues in Health Care	3
HSCI 210	Medical Terminology	2
HSCI 410	Senior Practicum I	4
HSCI 420	Biomedical Ethics	3
HSCI 425	Health Information Management	3
HSCI 430	Health Care Payment Systems	3
HSCI 480	Health Education and Promotion	4
		Total: 25 Credits

Health Sciences Electives (choose two)		Credits:
HSCI 320	Complementary and Alternative Medicine	3
HSCI 330	Exercise Physiology	3
HSCI 340	Health and Aging	3
HSCI 370	Introduction to Clinical Cardiology	3
HSCI 435	Health and Social Policy	3
NTSI 360	Lifestyle and Weight Management	3
NURS 101	Introduction to a Nursing Career	3
		Total: 6 Credits

Nutrition (choose one)		Credits:
NTSI 201	Intro to Clinical Nutrition Practice	3
BIOL 260	Nutrition and Diet Therapy	3
		Total: 3 Credits

Biology Requirement		Credits:
BIOL 210	Human Gross Anatomy	4
BIOL 310	Human Physiology	4

BIOL 312	Pathophysiology	3
		Total: 11 Credits
Biology Elective (choose one)		Credits:
BIOL 215	Medical Microbiology	3
BIOL 235	Microbiology	4
		Total: 3–4 Credits
Chemistry (choose one)		Credits:
CHEM 210	Organic Chemistry I	4
CHEM 215	Bio-Organic Chemistry	4
		Total: 4 Credits
Management		Credits:
MGMT 102	Principles of Management	3
		Total: 3 Credits
Behavioral Sciences		Credits:
PSYC 101	Introduction to Psychology	3
PSYC 210	Statistical Analysis	4
PSYC 221	Human Development	3
		Total: 10 Credits
General Electives		Credits:
	Consult with advisor on elective choices	24

Total Required Credits = 120–122

School of Health Professions

Health Sciences, B.S.

The Bachelor of Science in Health Sciences offers students an excellent foundation in health sciences as well as liberal arts and basic sciences. It is designed to prepare graduates for entry-level administrative positions in the private and public sectors of healthcare such as medical centers, clinics, government health departments, fitness and wellness centers, the pharmaceutical industry, community health initiatives, and the health insurance industry. In addition, coursework includes prerequisites to pursue graduate study in occupational therapy, physical therapy, physician assistant studies, and other health-related professions or businesses.

According to the U.S. Bureau of Labor Statistics, careers in health promotion are projected to grow faster than average and job prospects are favorable. The rising cost of healthcare, an aging population, and concerns about childhood obesity have increased the need for individuals trained to address these societal issues.

Our faculty members are accomplished health professionals from many disciplines who have a passion for teaching. Their experiences, participation in professional organizations, and cutting-edge research at local, national, and international venues impact how their students think about health. Pre-health career advisement is ongoing and designed to assure alignment of students' strengths, interests, and academic performance with appropriate professional paths.

Students are introduced to health and wellness issues through our course in Community Health Implications. Exposure to myriad health professions is given in Professional and Cultural Issues in Healthcare, in which representatives from several health disciplines visit the class and answer questions posed by students. Introduction to Clinical Nutrition Practice gives our majors a firm foundation in an increasingly important subject area.

Our more advanced courses include the study of Medical Terminology, Medical Ethics, Health Information Management, and Healthcare Payment Systems. Electives include courses in Lifestyle and Weight Management, Health and Aging, Exercise Physiology, and Complementary and Alternative Medicine. During senior year, students take a two-semester practicum where they work at least 60 hours throughout each semester in a healthcare setting with support from a course leader, and oversight and guidance from the Office of Career Success and Experiential Education. This capstone course ensures that students develop professional skills in writing résumés, seeking appropriate positions, interviewing, and learning about workplace behavior.

International F-1 students who successfully complete this degree are eligible for an additional 24-month STEM OPT extension to work in the U.S. in an area directly related to their area of study immediately upon completing the customary 12-month post-completion Optional Practical Training (OPT).

This program follows our general admission requirements.

Application Materials

- Completed application
- $50 nonrefundable application fee
- Copies of transcripts of all high school work, including college-level courses. Your midyear and final grades will be required. All final, official transcripts must be received prior to the start of your first semester.

- First-time, first-year applicants may choose to submit their application without standardized test scores to be considered for admission to New York Institute of Technology. You also have the option of submitting test results if you feel your academic strength is best reflected by your scores:
  - SAT Code: 2561, ACT Code: 2832
- Two letters of recommendation
- 300–350 word essay on one of the following topics:
  - Tell us about your career goals and why attending New York Tech would further these goals.
  - Describe the achievement of which you are most proud and why.

International Students Special Requirements

School of Health Professions Curriculum

Curriculum Requirements for Bachelor of Science in Health Sciences

General Education

Foundations		Credits:
FCWR 101	Writing I: Foundations of College Composition	3
FCWR 151	Writing II: Foundations of Research Writing	3
FCWR 302	Communication for Healthcare Careers	3
		Total: 9 Credits

Non-native English speakers take FCWR 111 instead of FCWR 101, and FCWR 161 instead of FCWR 151.

Data Literacy		Credits:
DATA 101	Making Sense of a Data-Oriented Society	3

Behavioral Science Core		Credits:
ICBS 309	Anthropological Approaches to Health Seminar	3

Seminars (select courses from three of the four areas)		Credits:
ICBS 3XX	Behavioral Science choice	3
ICLT 3XX	Literature choice	3
ICPH 3XX	Philosophy choice	3
ICSS 3XX	Social Science choice	3
		Total: 9 Credits

Students must take three seminar courses from three different areas of study.

Math Requirement (select one of the following)		Credits:
MATH 141	Precalculus	4

MATH 170	Calculus I	4
		Total: 4 Credits

Science Requirement		Credits:
BIOL 110	General Biology I	4
		Total: 4 Credits

Major Requirements

Health Sciences Requirement		Credits:
HSCI 190	Community Health Implications	3
HSCI 195	Professional and Cultural Issues	3
HSCI 210	Medical Terminology	2
HSCI 410	Senior Practicum I	4
HSCI 415	Senior Practicum II	4
HSCI 420	Biomedical Ethics	3
HSCI 425	Health Information Management	3
HSCI 430	Health Care Payment Systems	3
NTSI 201	Introduction to Clinical Nutrition	3
		Total: 28 Credits

Health Sciences Elective (choose one)		Credits:
HSCI 320	Complementary and Alternative Medicine	3
HSCI 330	Exercise Physiology	3
HSCI 340	Health and Aging	3
HSCI 435	Health and Social Policy	3
HSCI 370	Introduction to Clinical Cardiology	3
HSCI 480	Health Education and Promotion	4
NTSI 360	Lifestyle and Weight Management	3
NURS 101	Introduction to a Nursing Career	3
		Total: 3–4 Credits

Management		Credits:
MGMT 102	Principles of Management	3
		Total: 3 Credits

Behavioral Science		Credits:
PSYC 101	Introductory Psychology	3
PSYC 210	Statistical Analysis	4
PSYC 310	Abnormal Psychology	3
		Total: 10 Credits

Biology		Credits:
BIOL 150	General Biology II	4
BIOL 210	Human Gross Anatomy	4
BIOL 310	Human Physiology	4
BIOL 215	Medical Microbiology	3
	—OR—	
BIOL 235	Microbiology	4
		Total: 15–16 Credits

Chemistry		Credits:
CHEM 110	General Chemistry I	4
CHEM 150	General Chemistry II	4
CHEM 210	Organic Chemistry I	4
	—OR—	
CHEM 215	Bio-Organic Chemistry	4
		Total: 12 Credits

Physics		Credits:
PHYS 140	Physics for Life Sciences	3
PHYS 141	Physics I Laboratory	1
		Total: 4 Credits

General Electives		Credits:
	Consult with advisor on elective choices	13

Total Required Credits = 120–122

School of Health Professions

Nursing, B.S.

As healthcare professionals who focus on immediate, hands-on patient care, nurses are critically important members of healthcare teams, providing patient education and diagnosing and treating human responses to illness. Nursing is a science and an art, and a respected profession within the healthcare system. New York Institute of Technology Department of Nursing offers a Bachelor of Science in Nursing at the Long Island campus. The vision and mission of the Department of Nursing is to promote and demonstrate excellence in nursing practice with a transcultural approach. The course of study includes traditional classes in the liberal arts and sciences, such as chemistry, sociology, anatomy, and physiology, and courses in nursing science and clinical practice. State-of-the-art nursing labs, including patient simulation models for clinical practice, enhance the teaching-learning environment.

The program is registered by the New York State Department of Education, Division of Professional Education and is accredited by the Commission on Collegiate Nursing Education (CCNE), 655 K Street NW, Suite 750, Washington, DC 20001. Phone: 202.887.6791.

Mission Statement: Department of Nursing

The mission of the Department of Nursing is to provide excellence in nursing education from a transcultural perspective, extend access to opportunity to members of underrepresented groups in nursing, and to expand knowledge in the nursing profession with an emphasis on transcultural study. The Department of Nursing prepares students to provide nursing care in varied settings and to assume community and institutional roles that meet the needs of a global society.

Program Overview

First, our program is founded on the concepts and theories of transcultural nursing. The New York Institute of Technology nursing student takes courses that consider the multicultural experiences of both patients and healthcare professionals. To this end, anthropology courses have been incorporated into the curriculum, and transcultural concepts into core nursing courses. Second, clinical practice locations are varied in scope and are not limited to the hospital setting. Students learn how professional nursing has expanded into community-based facilities, such as home care agencies, school-based clinics, extended care facilities, rehabilitation centers, and ambulatory care clinics.

These focal points—transcultural nursing, team-based care, and community-based nursing practices—prepare students for the realities of nursing in the 21st century. Faculty members are highly experienced professionals who have vast educational, clinical, and leadership experience, and are committed to teaching, advising, and mentoring students to foster academic and professional success. Upon graduation, students are eligible to take the NCLEX-RN licensure exam.

Admission Requirements

The four-year program consists of two phases:

1. **Nursing major** (years one and two): courses in the liberal arts and sciences
2. **Professional phase** (years three and four): core nursing and supportive courses

Admission into the **nursing major (years one and two)** does not guarantee admission into **nursing courses (professional phase)**. If you are admitted to the pre-professional phase, you will need to complete all prerequisite courses listed as freshman and sophomore courses on the Nursing Degree Map (with no required prerequisite course below a grade of C+), and show evidence of good ethical, moral, and personal character in order to transition to the professional phase.

Please be advised that admission into **nursing courses (professional phase)** is competitive. The number of students accepted into this phase depends on accreditation requirements, available resources, class cap limits, and college GPA.

NURSING MAJOR (YEARS ONE AND TWO)

First Year

- Minimum combined SAT score (critical reading and math only) of 1030 or ACT score of 20
- Minimum high school average of 80

Transfer

- If you have less than 24 transferable credits:
  - Minimum combined SAT score (critical reading and math only) of 1030 or ACT score of 20
  - Minimum high school average of 80
  - One year each of biology and chemistry
  - Completed the minimum level of math, which is precalculus or its equivalent
  - Received a C+ or higher in each identified science and math course
- If you have 24 or more transferable credits:
  - Minimum cumulative college GPA of 2.75
  - Received a C+ or higher in each identified science and math course

Application Materials

- Completed application
- $50 nonrefundable application fee
- Copies of transcripts of all high school work, including college-level courses. Your mid-year and final grades will be required. All final, official transcripts must be received prior to the start of your first semester.
- Official SAT (critical reading and math only) or ACT test scores. If you have fewer than 24 credits of previous college work completed, you will need to submit official SAT or ACT scores.
  - SAT Code: 2561, ACT Code: 2832
- Two letters of recommendation
- 300–350 word essay on your desire to work in the field of nursing

Additional International Student Requirements

Admission into Nursing Courses Professional Phase (Fifth Semester)

Admission into nursing courses will be based on overall highest-ranked college GPA and fully meeting established criteria.

A student who believes they are ready, meet progression criteria, and are interested in beginning the professional phase of the nursing program at New York Institute of Technology must apply to be admitted into nursing courses. To progress to taking nursing courses, the following conditions must be met:

- A minimum cumulative college GPA of 2.75
- A score of proficient, advanced, or exemplary (58.7%–100%) on the Test of Essential Academic Skills (TEAS) exam, dated no more than one year prior to the date of application submission
- Complete all general education requirements and the prerequisite freshman and sophomore courses listed on the Nursing semester map, including:

Prerequisite Coursework for Admission	New York Tech Course
Pre-calculus	MATH 135 or higher
Applied or Introductory Chemistry	CHEM 105 or CHEM 110
Bio-organic Chemistry	CHEM 215
Human Anatomy	BIOL 210
Human Physiology	BIOL 310
Introductory Psychology	PSYC 101
Statistics	PSYC 210
Human Development	PSYC 221
Pathophysiology	BIOL 312
Microbiology	BIOL 215
Nutrition	BIOL 260 or NTSI 201

- Minimum grade of C+ in all required prerequisite courses listed above:
  - Students may repeat only two of the required prerequisite courses in which they earned a grade of C or below. These courses may be repeated only once.
  - Students must complete all prerequisite courses listed on the semester map prior to starting nursing courses
  - Take nationally normed tests throughout the curriculum
- Meet all requirements of the Department of Nursing and affiliated agencies and provide evidence of specific immunizations and health clearance, as well as current certification in Basic Cardiac Life Support, before clinical placement. Please be aware that some facilities may additionally require drug screening and background checks.
- Be advised that requirements may change during the program and that students will be required to meet current standards for clinical affiliation placements and progression in the major, irrespective of date of program admission.
- Purchase the official university student uniform worn for clinical rotations. Clinical placements are by the clinical lottery policy outlined in the *Nursing Student Handbook*.

The clinical placement policy is applicable to all nursing students regardless of their admission date into the nursing program. Please be advised that students may be assigned to any of the clinical facilities. Clinical hours may vary according to clinical site availability; may include any day of the week, including weekends, evenings, or nights; and may be 8-hour or 12-hour shifts. During the preceptored senior capstone clinical rotation, students must follow the shift of their assigned preceptor; this may require the student to work nights, evenings, or weekends. Transportation to the clinical sites is the student's responsibility. All students in the School of Health Professions have access to the library and other facilities of NYIT College of Osteopathic Medicine.

PROFESSIONAL PHASE (YEARS THREE AND FOUR)

In order to progress through the nursing major, students must meet the following academic requirements:

- Maintain a minimum cumulative GPA of 2.75
- Receive minimum grades of C+ in all required nursing courses, including NURS 101, 301, 305, 311, 316, 351, 360, 402, 403, 410, 430, 446, 447, 455, 465, 471, 472, and 480/480L.
- If students earn a grade of C or lower or fail any segment of a nursing course, clinical nursing course, or lab, they will be allowed to repeat the course or clinical lab rotation only once.
  - If students repeat a nursing course, they must achieve a grade of C+ or better. Failure to do so in this repeated course or clinical lab will constitute a course failure and dismissal from the nursing program.
  - If students earn a C or lower for a required nursing course or clinical lab rotation for a second time, they will be dismissed from the nursing program.
  - Withdrawal from a course is only permitted in the case of a documented illness, personal emergency, or unusual circumstance and not because of a course/clinical/lab rotation failure or anticipated failure. Given the nature of nursing practice, students will not be permitted to use a withdrawal from a course to avoid a failure.

The *Nursing Student Handbook* outlines policies pertaining to the nursing major. Students are held accountable to meet current requirements regardless of date of admission to the clinical phase of the program.

Additional Nursing Courses (Professional Phase) Requirements

All students are required to complete the requirements below by August 1 for fall admission and December 15 for spring admission. Any student who does not complete this information and provide copies of the necessary documentation for their file, will not be able to enter nursing courses (professional phase).

1. Health Evaluation Form: annual physical, required lab work, and PPD are required (only prior PPD is negative). Proof of immunizations must include date, titer, and results. REMINDER: Make copies of ALL documents submitted to the Department of Nursing. You will need copies for your own records. The Department of Nursing DOES NOT retain copies of student health clearance documents in student files. Keeping a current record of health-related materials is the student's responsibility.
2. Preclinical Checklist: this form will be maintained in the student's file to serve as verification that all the necessary items are completed.
3. Infection Control Certification: courses can be found online, and suggested sites will be provided in the welcome letter.
4. HIPAA/Patient Health Information Confidentiality Certification: part of clinical orientation package.
5. Child Abuse Prevention Certification: this is a New York State requirement. Suggested site to take this course will be provided in the welcome letter.
6. Infection Control and Safety: suggested sites to take this course will be provided in the acceptance letter.
7. BLS (Basic Life Support) for Healthcare Providers Certification: a copy of the student's provider status will be maintained on file. The student is responsible for keeping the card current.
8. Uniforms: students are required to purchase and wear the official Department of Nursing uniforms from the designated uniform company.
9. Certified Background Check by Designated Agency: students may be required as part of the requirements for clinical rotations to have a background check performed by a designated agency. Applicants to the School of Health Professions should be aware that certain legal issues and/or convictions may preclude them from being accepted by clerkships, internships and/or fieldwork and impact their ability to complete the required program courses and qualify for graduation, certification, and/or licensure.
10. Mandatory Tutorial Support Program: each student is required to enroll in this online support protocol each semester (all four semesters) ending with a comprehensive NCLEX-RN REVIEW COURSE. Students are required to participate fully in the tutorial support program, which includes reading assignments, practice tests, and meeting the designated requirements for each nursing course. Students will be required to take all designated competency exams in each of the specified courses and achieve benchmarks set by the department.
11. National Student Nurses Association Membership: annual dues $40 per year.

Students should be advised that requirements may change during the program and that they will be required to meet current standards for clinical affiliation placements and progression in the major, irrespective of date of program admission.

Policies

Policy for Clinical Absences
Clinical time is limited; therefore, no unexcused clinical absences are permitted. In the event of a clinical absence due to an emergency, personal illness, or unusual circumstance, students are responsible for contacting the faculty member within 24 hours of the absence. Students must submit a written explanation along with appropriate documentation for the absence. Students who have an unexcused clinical absence will be at risk of not meeting the requirements of both the course and the program, and will be at risk of clinical failure.

Completion of Professional Phase of the Nursing Program Time Limit
Students are accepted into nursing courses in both the spring and fall semesters. The professional phase of the nursing program consists of four consecutive semesters. Students must complete the nursing curriculum within 2.5 years. If a student needs to take a leave of absence from the program, extenuating circumstances will be considered by the department. If approved, a student who is deemed eligible to return must take and pass competency exams for all prior completed coursework. If these are passed successfully, the student may progress in the curriculum. If unsuccessful in meeting course competencies, the student must repeat coursework.

Grade Appeal Policy
The School of Health Professions' grade appeal policy can be found on New York Institute of Technology Policies.

School of Health Professions Curriculum

Curriculum Requirements for Bachelor of Science in Nursing

General Education

Foundations		Credits:
FCWR 101	Writing I: Foundations of College Composition	3
FCWR 151	Writing II: Foundations of Research Writing	3
FCWR 302	Communication for Healthcare Careers	3
		Total: 9 Credits

Non-native English speakers take FCWR 111 instead of FCWR 101, and FCWR 161 instead of FCWR 151.

Data Literacy		Credits:
DATA 101	Making Sense of a Data-Oriented Society	3

Behavioral Science Core		Credits:
ICBS 309	Anthropological Approaches to Health Seminar	3

Seminars (select courses from three of the four areas)		Credits:
ICBS 3XX	Behavioral Science choice	3
ICLT 3XX	Literature choice	3
ICPH 3XX	Philosophy choice	3
ICSS 3XX	Social Science choice	3
		Total: 9 Credits

Students must take three seminar courses from three different areas of study.

Math and Science		Credits:
MATH 135	Fundamentals of Precalculus I	4
	—OR—	
MATH 141	Precalculus	4
CHEM 105	Applied Chemistry	3
	—OR—	
CHEM 110	General Chemistry I	4
		Total: 7–8 Credits

Major Requirements

Nursing		Credits:
NURS 101	Introduction to a Nursing Career	3
NURS 301	Nursing Therapeutics I: Foundations Clinical	4
NURS 305	Health Assessment with Lab	3
NURS 311	Nursing Foundations	3
NURS 316	Pharmacology for Nursing	4
NURS 351	Nursing Therapeutics II: Adult Health Clinical	4
NURS 360	Transcultural Nursing II: Adult Health	3
NURS 402	Nursing Therapeutics III: Maternal and Family Health Clinical	2
NURS 403	Nursing Therapeutics III: Pediatric Clinical	2
NURS 410	Transcultural Nursing III: Maternal-Child and Family Health	3
NURS 430	Nursing Research and Evidence-Based Practice	3
NURS 446	Nursing Therapeutics IV: Community Clinical	2
NURS 447	Nursing Therapeutics IV: Mental Health Clinical	2
NURS 455	Transcultural Nursing IV: Nursing in the Community and Mental Health	4
NURS 465	Nursing Therapeutics V: Adult Health II Clinical	4
NURS 471	Transcultural Nursing V: Adult Health II	4
NURS 472	Leadership in Professional Nursing: Managerial Concepts and Skills	2
NURS 480	Nursing Capstone: Professionalism, Empowerment, and Voice	4
NURS 480L	Nursing Capstone Laboratory	0
		Total: 56 Credits

Behavioral Science		Credits:

PSYC 101	Introductory Psychology	3
PSYC 210	Statistical Analysis	4
PSYC 221	Human Development	3
		Total: 10 Credits

Life Sciences		Credits:
BIOL 210	Human Gross Anatomy	4
BIOL 215	Medical Microbiology[3]	3
BIOL 310	Human Physiology	4
BIOL 312	Pathophysiology	3
CHEM 215	Bio-Organic Chemistry	4
NTSI 201	Introduction to Clinical Nutrition Practice	3
	—OR—	
BIOL 260	Nutrition and Diet Therapy	3
		Total: 21 Credits

[3] BIOL 235 Microbiology (4cr.) may be substituted.

General Electives		Credits:
	Consult with advisor on all elective choices	6

Total Required Credits = 124–126

School of Health Professions

Undergraduate Minors

Career opportunities in healthcare and health-related areas are on the rise. In addition, there is increasing interest on the part of college students for evidence-based knowledge for personal lifestyle improvement as well as the option of combining the study of health with other career-focused skill sets. To address this demand, the Department of Interdisciplinary Health Sciences has introduced two undergraduate minors.

Minor in Health Sciences

Those entering health professions such as medicine and dentistry who are not health sciences majors enhance their transcript by official recognition of courses in areas such as bioethics, health information management, and nutrition. Those entering non-health professions will find that a familiarity with health determinants, the healthcare system, and nutrition impacts a myriad of disciplines. For example, communication arts and English majors can enhance their ability to present information about health, wellness, and nutrition. Behavioral science majors who pursue mental health careers will have a better background when helping clients make lifestyle changes. Engineering majors will be better positioned when working with electronic health records, nutrition-related software, and health-focused websites.

The minor in Health Sciences requires that students take at least 15 credits from a list of health sciences courses. One course, HSCI 190 Community Health Implications, is required, and no more than one additional 100-level course may be taken. At least one 400-level course is required as well. This program is available to both Long Island and New York City students as most courses are offered with an online option. Face-to-face and blended sections are offered only at the Long Island campus.

Minor in Health Services Administration

The Health Services Administration minor expands skills and knowledge with courses in community health, management, health administration, health information management, health policy, and health economics. This minor is open to students in all New York Tech majors including those already majoring in Health Sciences or Health and Wellness.

This minor will allow you to diversify your education and help you:

- Gain insight into community environments, programs, and institutions that affect health and health promotion
- Integrate concepts and theories in healthcare management with real world situations
- Evaluate the flow of resources in the U.S. healthcare system—how purchasers pay for their services and how providers obtain their revenues
- Critically analyze health policy proposals and health policies
- Discover how to work with electronic health records and related software

The minor in Health Services Administration requires that students take at least 15 credits that must include HSCI 190, MGMT 101, and MGMT 350. Students then choose at least two of the following: HSCI 425, HSCI 430, and/or HSCI 435.

Admission Requirements

Declaring a minor is easy: Simply access the Application to Declare a Minor and contact our department at 516.686.3803 to arrange to have the form signed.

Curriculum Requirements for Undergraduate Minor in Health Sciences

Minor Requirements

Required Course		Credits:
HSCI 190	Community Health Implications	3

Complete 12 credits from the following		Credits:
HSCI 195	Professional and Cultural Issues in Healthcare*	3
NTSI 101	Introduction to Food Science	3
NTSI 201	Introduction to Clinical Nutrition Practice	3
NTSI 360	Lifestyle and Weight Management	3
HSCI 320	Complementary and Alternative Medicine	3
HSCI 330	Exercise Physiology	3
HSCI 340	Health and Aging	3
HSCI 400	Seminar in Health*	3
HSCI 420	Biomedical Ethics	3
HSCI 425	Health Information Management	3
HSCI 430	Health Care Payment Systems	3
NTSI 410	Life Cycle Nutrition	3
CLNU 625	Epidemiology and Biostatistics**	3

* Not offered in online format

** Graduate course that can be taken only with department permission.

Minor Requirements

1. Complete a minimum of **15 credits** from the list of Health Sciences (HSCI)/Nutrition Sciences (NTSI) courses
2. Complete HSCI 190: Community Health Implications (**required**)
3. Complete **no more than** one additional 100-level HSCI/NTSI course
4. Complete **at least** one 400-level course

School of Health Professions Curriculum

Curriculum Requirements for Undergraduate Minor in Health Services Administration

Minor Requirements

Required Courses		Credits:
HSCI 190	Community Health Implications	3
MGMT 102	Principles of Management	3
MGMT 350	Health Services Management	3
		Total: 9 Credits

Choose Two of the Following		Credits:
HSCI 425	Health Information Management	3
HSCI 430	Health Care Payment Systems	3
HSCI 435	Health and Social Policy	3
		Total: 6 Credits

Total Program Credits = 15

School of Management

Graduate Programs

- Advanced Certificate Programs for Professionals
- Business Administration Essentials, Advanced Certificates
- Executive M.B.A.

- Master of Business Administration M.B.A.
- Risk Management, M.S.

Undergraduate Programs

- Business Administration, B.S.
- Esports Management and Entrepreneurship Certificate
- Undergraduate Minors

School of Management: Undergraduate Programs

Welcome to New York Tech's School of Management, a leading institution accredited by AACSB, where we redefine business education for careers of the future. Situated in the heart of one of the world's most vibrant business hubs—New York City (as well as campuses on Long Island and Vancouver)—our school is dedicated to providing high-quality, career-advancing opportunities in an environment that thrives on global interests, innovation, technology, and entrepreneurship.

The School of Management fulfills the institutional mission by offering career-oriented professional education, ensuring access to opportunity for all qualified students, and fostering research that has an impact on the local and global community.

At New York Tech's School of Management, we believe in offering an education that goes beyond the conventional. Our programs are designed to be unique, innovative, and non-traditional, reflecting the dynamic nature of today's business landscape. We prioritize inclusivity and engagement, ensuring that every student feels valued and empowered to succeed.

Central to our philosophy is the belief in experiential learning. We provide hands-on opportunities that allow students to apply their knowledge in real-world scenarios, preparing them for the challenges of tomorrow. Our approach is highly personalized, with faculty and staff dedicated to supporting each student's individual journey.

Scholarship at our School of Management is grounded in three key elements: technology, career orientation/industry advancement, and globalization. We understand the importance of staying ahead in a rapidly evolving technological world, and we equip our students with the skills and knowledge to thrive in this environment. Our focus on careers in business ensures that graduates are prepared to excel in their chosen fields, while our emphasis on globalization prepares them to succeed in an increasingly interconnected world.

Our Career Building Platform is at the core of our commitment to student success. Intensely focused on helping students launch their

professional careers, we provide tailored support across various business disciplines, including marketing, finance, business analytics, risk management, and operations and supply chain management. Through our career building platform, students gain access to a wealth of industry knowledge and networking opportunities essential for success in their chosen careers.

Whether you are still trying to find your career or have well developed career aspirations, our School of Management is here to help you achieve your goals and become a leader in the ever-evolving world of business. Join us and embark on a journey toward a rewarding and fulfilling career.

Administration and Professional Staff

The school's administrative team oversees program delivery and other functions necessary to effectively deliver the school's activities. Professional staff members provide services to all stakeholder groups that the school supports, including students, alumni, business leaders, and faculty. Together the administration and professional staff of the school take a student-centric approach to their responsibilities, always with consideration for student needs and stakeholder values.

Administration

- Jaishankar Ganesh, Dean
- Diamando Afxentiou, Director of BSBA program
- Sinan Caykoylu, Associate Dean (Vancouver)
- Joyce Chiu, Director, Center for International Business Studies (CIBS)
- William Ninehan, Director of MBA Program
- Maya Kroumova, Chair, department of Management and Marketing (M&M)
- Scott Liu, Executive Associate Dean and Co-director, Center for International Business Studies
- Rakesh Mittal, Director of Faculty Affairs and Chair, department of Quantitative Analysis and Analytics (Q&A)
- Kevin O'Sullivan, Director, MSRM program
- Wenyao Hu, Director, Riyaz Akhtar Experiential Education Program
- Peter Harris, Chair, department of Law, Economics, Accounting, and Finance (LEAF)
- Radoslaw Nowak, Director of Professional Enrichment
- Bisrat Kinfemichael, Director of Community Impact

Professional Staff

- Constance Canning, Executive Assistant to the Dean
- Patricia Brustman, Coordinator for Professional Development and Staff Associate
- Patthara Chandaragga, Student Advisement Specialist
- Maria Dinanno, Staff Associate, Student Advisement Specialist
- Ellie Schwartz, Senior Specialist for Graduate Programs

Departments and Faculty

The school's organization encourages empowerment across its constituent faculty through the disaggregation of responsibilities into departments. Departments work collaboratively to advance the school's mission while simultaneously working independently toward creating specific niche and distinctive competencies to ensure student and stakeholder success within the areas that are overseen.

Each department includes faculty members from all campus locations where the School of Management delivers its academic programs. This ensures a broad and diverse set of perspectives that impact positively on (a) curriculum development that includes a strong and uniform core component that forms the common experience for all students, regardless of location, and (b) highly contextualized curriculum elements embedded throughout the courses that are localized to the specific needs of the local business community where the program is delivered.

Vision and Mission Statements

The School of Management mission to "provide high quality, career advancing business education opportunities within the context of a dynamic, technologically enabled, and global business environment," supports the school's vision to "be a preeminent and distinguishable leader among institutions of higher education in the provision of internationally based academic business programs."

Unique and Innovative Business Education Programs

The School of Management operationalizes the school's mission through signaling its commitment to excellence by empowering undergraduate students with:

- Business Technology
- Experiential Education
- Professional Enrichment
- Entrepreneurship and Career Orientation
- Community Impact

Business Technology is closely aligned with the professional workspace, and includes Bloomberg, Compustat, E-Views, Peachtree,

Oracle/Peoplesoft, and SPSS, among others. In this way, students harness the transformational impact of technology on business with the long-term objective of creating value-adding contributions to their own businesses and that of their employers, upon graduation.

Experiential Education complements in-class instruction in diverse ways, including academic service learning, study abroad, faculty-mentored research, internships, solving real-world business challenges, and interacting directly with business leaders and industry partners. Interested students should speak directly to their advisor or the School of Management Director for Experiential Education to discuss specific opportunities offered each semester. Students must complete one experiential education activity in partial fulfillment of degree requirements (BUSI 495).

The **Professional Enrichment Program** complements traditional pedagogy with supplemental experiences during which our students meet and network with area specialists, learn from business leaders, and are exposed to contemporary and cutting-edge business issues that are not usually discussed in the classroom. In this way, students are exposed to those issues that currently impact local and global business enterprise, from the perspective of business leaders, with insights and perspectives offered that can be integrated into academic studies and professional endeavors. Secondly, the program offers workshops and activities designed to strengthen the professional polish of the student. These include the "mocktail social," "dress for success seminar," and "business etiquette workshop," among others. Interested students should speak directly to their advisor or the School of Management Director of Professional Enrichment to discuss specific opportunities offered each semester. Students are required to complete 20 PE and CI activities (combined) in partial fulfillment of degree requirements (BUSI 495).

Entrepreneurship and Career Orientation involves all course-level learning goals which are designed to support industry-driven objectives and are referenced by entrepreneurs and executives in the employment market. In this way, the school's academic programs are career oriented and designed to strengthen student business creation, job placement, and advancement in the workforce.

The **Community Impact Program** supports the school's commitment to student engagement in their educational experiences, cooperative learning, community engagement, and personal growth. The co-curricular program sponsors activities that engage students across varied platforms with their peers, faculty and staff, community members, and industry partners. Whether it is by way of clubs and honor societies, or field trips to the stock exchange, the program seeks out those activities that bring stakeholder groups together for the purpose of creating a vibrant community with synergies that advance the academic and professional aspirations of all participants. Students are required to complete 20 PE and CI activities (combined) in partial fulfillment of degree requirements (BUSI 495).

Career Building Platform
In support of the school's mission, the Career Building Platform, comprised of Professional Enrichment, Experiential Education, and Community Impact, has been developed to ensure student success. All students are advised to refer to the brochures for the components of the platform, and speak to their advisor or the directors of each program concerning their completion of activities in each program in partial fulfillment of degree requirements (BUSI 495).

School of Management Assurance of Learning

All students and organizations expect assurance that graduates of the School of Management are achieving the program's stated learning goals. In this spirit, the educational approach taken is one that is outcomes-based. Student learning outcomes are created across every course to validate and support the achievement of programmatic, concentration-specific, and course-level learning goals. These outcomes also strengthen the student's ability to make value-adding contributions to an organization.

Moreover, as previously mentioned, course-level learning goals and related outcomes for each class are designed to include invariant, contextual, and instructor-specific categories. In this way students receive learning experiences that are uniform across sections (invariant), globalized (contextual), and niche specific (instructor-specific), focusing on the specific domain expertise of the instructor.

The School of Management continually updates its curriculum so that it is both contemporary and competitive. Outcomes assessment is continuous, and inputs from students and all stakeholders are utilized to both revise academic programs as well as externally reference the curriculum for relevancy.

Business Administration, B.S.

The Bachelor of Science in Business Administration (B.S.B.A.) program prepares aspiring business leaders for success in an evolving, uncertain, and dynamic business environment. Our curriculum is driven by the concept that technology is transformational, the business world is globalized, and both qualities jointly impact the ability of those with entrepreneurial inclinations to create and implement new, innovative business models. Such emphasis ensures that graduates are ready to add value and change the face of the business landscape when they enter the workforce.

In addition to program curriculum requirements, all students must satisfy the professional enrichment, experiential education, and community impact components of the BUSI 495 course in the core. Students should consult with their academic advisor to better understand these platforms. All students must also register for and complete BUSI 100 School of Management orientation during their first semester of study. This zero-credit-hour requirement ensures that all students are familiarized with the school's processes, requirements, and other orientation-specific items that lead to student success. The course, offered as pass/fail, must be completed in partial fulfillment of B.S.B.A. requirements and cannot be waived.

Program Features

- Significant elements of globalization and its impact on business is part of the business core through International Business (MGMT 235). Additionally, this is addressed in each concentration, where a domain-specific, global-intensive course is required, and also in each course, where the *Master Syllabus* contains a contextualized learning goal and student-learning outcome that speaks to either the impact that globalization has had on business within the context of the course or specific localized elements of the course relevant to the community.
- The completion of a capstone course in the business program core. The B.S.B.A. program core capstone course (BUSI 435) unifies much of the educational experience and ensures domain integration across the functional areas of business.
- The learning goals of the school's academic programs, concentrations, and courses are grounded in Bloom's taxonomy, an established best practice in pedagogy. In this way, the school ensures that students not only gain knowledge and develop understanding, but are able to apply this knowledge, conduct relevant analysis, synthesize multiple domains and information, and evaluate alternatives in support of effective decision making.
- All students are required to participate in the Career Building Platform, encompassing *Professional Enrichment*, *Experiential Education*, and *Community Impact* programs. These co-curricular platforms guarantee students exposure to professionals through seminars and workshops, hands-on learning through mandatory educational experiences that apply classroom knowledge to real-world scenarios, and active engagement with peers, faculty, community members, and professionals. These enriching, co-curricular activities are offered over the course of a student's time on campus and are tracked throughout this time. In the final semester, students register for the BUSI 495 Career Building Platform course to review their participation.

B.S.B.A. Programmatic Learning Goals

Upon graduation from the Bachelor of Science in Business Administration program, students demonstrate attainment of programmatic learning goals. The degree of attainment realized is a shared and collaborative responsibility that engages students, faculty, staff, and other stakeholder groups, working together to maximize students' opportunities to be successful.

Programmatic learning goals are partitioned into two categories: general learning goals, and management-specific learning goals. The former are

considered transferable and have relevancy across all disciplines of study, both in business and outside of business. These goals are also in support of the general education learning goals. The latter, which are management-specific, speak to those issues that impact success in the business environment.

B.S.B.A. General Goals
Upon successful completion of the B.S.B.A. program, students:

- Communicate clearly and concisely
- Compare, contrast, and apply basic ethical concepts
- Illustrate cultural awareness and analyze the impact of globalization on business

B.S.B.A. Management-Specific Goals
Upon successful completion of the B.S.B.A. program, students:

- Demonstrate competency and make decisions in each of the functional business disciplines
- Use technology as a decision support tool in business and in the major
- Conduct and utilize research to support business innovation
- Integrate functional disciplines to effect sound policy making and business planning

B.S.B.A. Options

In addition to completing courses in the general education and the business program core, the School of Management offers students concentration options that form focused areas of study. All students must choose a concentration for their B.S.B.A. program. Each of the concentrations have major-specific learning goals and learning objectives, which are stated below. These are in addition to, but also supportive of, the earlier-stated programmatic learning goals.

Business Analytics

- **Learning Goal:** Upon successful completion of the B.S.B.A. with a concentration in business analytics, students will be able to solve business problems by applying contemporary business analytics techniques.
- **Learning Objectives:** Toward achieving this concentration's learning goal, students:
  1. Collect relevant data for the business problems and analyze it visually, using an appropriate tool(s)
  2. Develop appropriate models using analytics algorithms/tools to solve the business problems and provide insights
  3. Compare the effectiveness of relevant analytics algorithms/tools to solve an organization's business problem and communicate results
  4. Employ application tools in different business functional areas including marketing, finance, accounting, operations, supply chain, and human resources

Finance

- **Learning Goal:** Upon successful completion of the B.S.B.A. with a concentration in finance, students will be able to analyze, interpret, and recommend strategies using financial data sets.
- **Learning Objectives:** Toward achieving this concentration's learning goal, students:
  1. Integrate various financial paradigms into corporate financial decision-making and policies
  2. Evaluate how investment decisions are made by individuals and institutions
  3. Apply international financial management concepts to enhance the value of the firm
  4. Analyze corporate financial statements and evaluate the firm's performance
  5. Estimate short-term investment and financing needs of a firm

International Business

Please note: The School of Management is no longer accepting applications for new students into this concentration.

- **Learning Goal:** Upon successful completion of the B.S.B.A. with a concentration in international business, students will be able to analyze the global business environment for a multinational firm, and develop international business strategies to enhance sustainability.
- **Learning Objectives:** Toward achieving this concentration's learning goal, students
  - Survey environmental factors and their impacts on the decision-making process of a multinational
  - Analyze the international economic environment for a firm operating in a global setting
  - Integrate social media and emerging technologies to leverage opportunities in the global environment
  - Apply international financial management concepts to enhance the value of the firm
  - Determine how marketing principles are utilized by international firms

Management

- **Learning Goal:** Upon successful completion of the B.S.B.A. with a concentration in management, students will be able to evaluate the impact of management policy on an organization's performance, and to deploy managerial techniques effectively in real-life business situations.

- **Learning Objectives:** Toward achieving this concentration's learning goal, students:
    1. Evaluate the impact of globalization on a firm's success and challenges
    2. Distinguish the role of human behavior in organizations, particularly in the context of managerial practices
    3. Analyze how new venture creation contributes to advancing management strategy
    4. Design a knowledge management plan that impacts on a firm's performance
    5. Deploy the appropriate techniques for effective human resource management

Marketing

- **Learning Goal:** At the successful completion of the B.S.B.A. with an option in marketing, students will be able to utilize technologies to conduct primary and secondary marketing research and analysis, identify new product and market opportunities, develop global marketing strategies and integrated marketing communications strategies, and develop marketing recommendations in an ever-changing modern business environment.
- **Learning Objectives:** Towards achieving the B.S.B.A. marketing option learning goal, the student will be able to:
    1. Design a customer-centric integrated marketing communications strategy for an existing or new product or service
    2. Identify new product and market opportunities as well as manage the product life cycle and product development process
    3. Organize, measure, and analyze relevant marketing information to provide recommendations for marketing decision making
    4. Evaluate global macro environmental trends, assess their impact on a marketing strategy, and generate and appraise options for responding
    5. Delineate and analyze digital marketing opportunities arising from new technologies in the business environment

School of Management B.S.B.A. Academic Policies and Standards

The School of Management implements processes for the B.S.B.A. program that are in addition to those of the university for the purpose of ensuring effective student selection and retention. School of Management academic policies are in addition to New York Institute of Technology academic policies and standards.

1. At least 50 percent of the total credit hours in all traditional business subjects required for the B.S.B.A. must be completed in the School of Management *(business credit hours exclude certain courses in economics and statistics)*. This implies that:
    - At least 27 credit hours of the 51-credit-hour business program core and the concentration in the B.S.B.A. program must be earned at NYIT School of Management.
    - At least 30 credit hours of the 60 credit hours of traditional business subjects counted toward the B.S.B.A. requirements must be earned at NYIT School of Management.
2. No course credit for coursework completed at a community/two-year institution may be applied to, or transferred as, a 300- or 400-level business course
3. Any 300- or 400-level business course taken at another institution is transferable into the B.S.B.A. curriculum only if the credit hours have been earned from a licensed AACSB accredited four-year degree-granting institution
4. A minimum grade of C- or better is required to transfer credit hours in traditional business subjects, earned elsewhere, into the B.S.B.A. program
5. B.S.B.A. students with dual concentrations must complete the full complement of courses for each concentration; no credit may be applied to two disparate degree requirements
6. Students pursuing the B.S.B.A. as a second bachelor's degree must complete the entire business program core and concentration requirement (subject to academic policies and standards 1, 2, and 3, above), and complete a minimum of 36 additional credit hours of study

---

This program follows our general admission requirements.

Application Materials

- Completed application
- $50 nonrefundable application fee
- Copies of transcripts of all high school work, including college-level courses. Your midyear and final grades will be required. All final, official transcripts must be received prior to the start of your first semester.
- First-time, first-year applicants may choose to submit their application without standardized test scores to be considered for admission to New York Institute of Technology. You also have the option of submitting test results if you feel your academic strength is best reflected by your scores:
    - SAT Code: 2561, ACT Code: 2832
- Two letters of recommendation

- 300–350 word essay on one of the following topics:

    - Tell us about your career goals and why attending New York Tech would further these goals.
    - Describe the achievement of which you are most proud and why.

International Students Special Requirements

Curriculum Requirements for Bachelor of Science in Business Administration

General Education

Foundations		Credits:
FCWR 101	Writing I: Foundations of College Composition	3
FCWR 151	Writing II: Foundations of Research Writing	3
FCWR 301	Communication for Business	3
		Total: 9 Credits

Data Literacy		Credits:
DATA 101	Making Sense of a Data-Oriented Society	3

Seminars (select courses from at least three of the four areas)		Credits:
ICBS 3XX	Behavioral Science choice	3
ICLT 3XX	Literature choice	3
ICPH 3XX	Philosophy choice	3
ICSS 3XX	Social Science choice	3
		Total: 12 Credits

Students must take four seminar courses from at least three different areas of study.

Math and Science Core		Credits:
MATH 125	Finite Mathematics	3
	Science choice	6
		Total: 9 Credits

Major Requirements

Liberal Arts for Business		Credits:
ECON 202	Principles of Economics I	3
ECON 204	Principles of Economics II	3
QANT 201	Statistical Sampling Theory	3
MATH 151	Fundamentals of Calculus	3
	—OR—	
MATH 161	Basic Applied Calculus	3
		Total: 12 Credits

Business Core Courses		Credits:
BUSI 100	School of Management Orientation[1]	0
ACCT 101	Accounting I	3
ACCT 110	Managerial Accounting[2]	3
FINC 201	Corporation Finance	3
LLAW 110	Legal Environment of Business	3
MGMT 102	Principles of Management	3
MRKT 102	Introduction to Marketing	3
MIST 216	Management Information Systems	3
MGMT 235	International Business	3
QANT 300	Production and Operations Management	3
QANT 405	Management Science	3
BUSI 450	Business Analytics	3
BUSI 495	Career Building Platform[1]	0
		Total: 33 Credits

[1] Pass/Fail grading

[2] Finance concentration students will take ACCT 102 Accounting II

Capstone and Experiential Education		Credits:
BUSI 435	Business Policy and Strategy	3
	Internship/Practicum	3
		Total: 6 Credits

Electives		Credits:
	Business Electives[3]	6
	Liberal Arts Electives	15
		Total: 21 Credits

[3] 100-level courses do not count towards Business Electives.

Select one of the following concentration groups below:

- Business Analytics
- Finance
- International Business*
- Management
- Marketing

Business Analytics Concentration		Credits:
BUSA 301	Data Acquisition, Injection and Preparation, and Visualization	3

BUSA 305	Python for Business Analytics	3
BUSA 310	Database Management Systems[4]	3
BUSA 410	Web and Social Media Analytics	3
	Business Elective	3
		Total: 15 Credits

[4] ITEC 290: Database Systems may be substituted.

Finance Concentration		Credits:
ACCT 315	Financial Statement Analysis	3
FINC 301	International Financial Management	3
FINC 320	Advanced Corporate Finance	3
FINC 325	Principles of Investment and Security Analysis	3
FINC 405	Modern Portfolio Theory	3
		Total: 15 Credits

International Business Concentration*		Credits:
ECON 320	International Economics	3
FINC 301	International Financial Management	3
MGMT 335	International Business	3
MIST 345	Emerging Internet Technologies and Global Business	3
MRKT 405	International Marketing	3
MGMT 440	International Business Capstone	3
		Total: 18 Credits

* Please note: The School of Management is no longer accepting applications for new students into this concentration.

Management Concentration		Credits:
HRMT 315	Human Resource Management	3
MGMT 370	Organizational Behavior	3
HRMT 435	Talent Management	3
MGMT 475	Knowledge and Innovation Technology Strategy	3
MGMT 480	Project and Program Management	3
		Total: 15 Credits

Marketing Concentration Requirement		Credits:
MRKT 301	Promotional Strategy	3
MRKT 302	Developing Consumer Insights Through Marketing Research	3
		Total: 6 Credits

Marketing Concentration choice (select three courses)		Credits:
MRKT 405	International Marketing	3
MRKT 421	Marketing Analytics	3
MRKT 422	Marketing of New Products and Transformative Innovation	3
MRKT 345	Professional Selling and Digital Customer Relationship Management	3
MRKT 430	Digital Marketing	3
		Total: 9 Credits

Total Required Credits = 120

School of Management

Esports Management and Entrepreneurship Certificate

The Esports Management and Entrepreneurship Certificate prepares students for both employment and start-up opportunities in the esports industry. The program applies management and entrepreneurial concepts to the field of esports and engages students with experiential educational activities. This certificate provides knowledge grounded in practical aspects of esports management and prepares students to grasp available career opportunities in the American digital gaming industries. Further, this certificate program provides opportunities for students to learn the fundamentals of esports business and management, the concepts of small business management and venture creation, and the aspects of doing marketing and managing for esports organizations.

Career change, advancement, evolving job requirements, and competition require professionals to increase their capabilities throughout their careers. New York Tech's certificate programs are intended for professionals with either baccalaureate degrees or higher secondary who seek to gain specialization in new fields.

Certificate students have the same courses available as those available to Business Administration, B.S. students. This certificate has its own unique curriculum and total number of credits (12).

Standards

Students are expected to perform at the same level as matriculated Business Administration, B.S. students, and must complete the approved sequence of courses with an average of D (1.0) or better to earn the certificate.

Curriculum

The sequence of courses for the certificate will be decided by the student and their advisor to provide a proper foundation and learning for the certificate subject matter. Substitution of alternative courses may be permitted, but only where the student has successfully completed an equivalent graduate course or for an equally significant reason and only with the approval of a faculty advisor.

This program follows our general admission requirements.

Application Materials

- Completed application
- $50 nonrefundable application fee
- Copies of transcripts of all high school work, including college-level courses. Your midyear and final grades will be required. All final, official transcripts must be received prior to the start of your first semester.
- First-time, first-year applicants may choose to submit their application without standardized test scores to be considered for admission to New York Institute of Technology. You also have the option of submitting test results if you feel your academic strength is best reflected by your scores:
  - SAT Code: 2561, ACT Code: 2832
- Two letters of recommendation
- 300–350 word essay on one of the following topics:
  - Tell us about your career goals and why attending New York Tech would further these goals.
  - Describe the achievement of which you are most proud and why.

International Students Special Requirements

School of Management Curriculum

Curriculum Requirements for Certificate in Esports Management and Entrepreneurship

Major Requirements

Business Requirement		Credits:
SPRT 102	Esports Business, Health, and Society	3
SBES 310	Small Business and Entrepreneurial Creation	3
		Total: 6 Credits

Fundamentals (choose one)		Credits:
MGMT 102	Principles of Management	3
MRKT 102	Introduction to Marketing	3
		Total: 3 Credits

Entrepreneurship (choose one)		Credits:
MRKT 345	Professional Selling and Digital Customer Relationship Management	3
MRKT 422	Marketing of New Products and Transformative Innovation	3

SBES 420	Entrepreneurial Technology and Innovation Management	3
		Total: 3 Credits

Total Required Credits = 12

School of Management

Undergraduate Minors

The School of Management offers a minor open to all undergraduate students who are majoring in other disciplines.

Business for Non-business Majors

Enrolling in the business minor ensures that students are equipped with the necessary skills and knowledge to excel in their chosen careers. By pursuing this minor, students will gain essential insights into core business areas, significantly enhancing their prospects for career success post-graduation. Tailored to provide students with a competitive edge in entry-level business roles and facilitate long-term career advancement, the curriculum focuses on cultivating adaptable skill sets. These include critical thinking, creative problem solving, ethical decision making, clear communication of complex ideas, and effective teamwork—all essential competencies for thriving in a dynamic professional landscape.

View Curriculum

Minor in Technology Entrepreneurship

The College of Engineering and Computing Sciences along with the School of Management, and in association with the Entrepreneurship and Technology Innovation Center (ETIC), has established a Minor in Technology Entrepreneurship. The primary outcome of this innovative minor is to produce versatile graduates who can launch their own technology-based enterprises or are capable of growth within industry, by teaching them how to apply entrepreneurial principles of innovation and strategic problem solving to a technology field. Key skills include: a) an increased confidence to form and work in collaborative teams; b) an understanding of the processes to get from developed technology concepts or new ideas to the formation of a start-up; and c) becoming equipped with the experiential and foundational knowledge of how to find financial resources to form a viable company.

View Minor

Curriculum Requirements for Minor in Business

Minor Requirements

Required Courses		Credits:
ACCT 101	Accounting I	3
MGMT 102	Principles of Management	3
MRKT 102	Introduction to Marketing	3
ECON 202	Principles of Economics I	3
FINC 201	Corporation Finance	3
		Total: 15 Credits

Business Law Courses (choose one)		Credits:
LLAW 101	Business Law I	3
LLAW 110	Legal Environment of Business	3
		Total: 3 Credits

Total Program Credits = 18