

MANHATTAN

C O L L E G E



Information for International Students

www.manhattan.edu/isc

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Manhattan College is ranked 17th by U.S. News and World Report in the Best Universities-Master's (North Region) category.

Thank you for your interest in Manhattan College

New York City is an educational, financial, social and cultural powerhouse of global proportions, and Manhattan College is right on its doorstep. Our location in the beautiful Riverdale section of New York affords you the opportunity to study on an inspiring campus, while experiencing all of the excitement New York has to offer.

Business students can take finance courses in banking and the speculative markets, and see these theories being put into practice on Wall Street. If you are taking theater courses, you can attend live performances on Broadway, and if you're interested in media or broadcasting, you can try an internship or co-op with ABC, CBS, NBC or any of the major networks located only twenty minutes away. Engineers can take advantage of our extensive computer facilities, state-of-the-art laboratories and our excellent internship and co-op opportunities throughout metropolitan New York.

The pursuit of educational excellence has been a hallmark of Manhattan College for over 150 years. Whether you wish to study in the School of Arts, Business, Education, Engineering or Science, Manhattan College offers a caring, committed faculty in an exciting learning environment. With a student/faculty ratio of 12:1, you will be able to develop, grow, reach your potential and make a significant contribution to the community.

The College offers attractive on-campus living arrangements. Because of our size, you will easily form friendships with both students who live on campus and those who commute.

I wish you well and assure you that our staff are ready and willing to help you in the college selection process.

William J. Bisset, Jr.
Vice President for Enrollment Management

About Manhattan College

Manhattan College is a highly ranked (Tier 1) private liberal arts university located in New York City and was named as one of US News & World Report: Best Colleges 2010 (ranked 17th in the North region). Founded in 1853, Manhattan College reached a historic anniversary in 2003 when it celebrated 150 years of its commitment to excellence in education. Manhattan is accredited by the Middle States Commission on Higher Education, and is widely respected as a center of academic excellence and a foremost liberal arts college in the North East United States.

Located in the beautiful, quiet Riverdale neighborhood of New York, the College is just minutes from the excitement of Times Square, the bright lights of Broadway and the buzz of Wall St. The learning process at Manhattan College is enriched by postgraduate professional programs and by capitalizing on its location in the cultural center and global marketplace that is New York City.

Accreditations

- Association to Advance Collegiate Schools of Business (AACSB International)
- Commission of the Accreditation Board for Engineering and Technology (ABET)
- Teacher Education Accrediting Council
- Middle States Commission on Higher Education



Memberships

- Association of American Colleges, the American Council on Education
- Institute of International Education
- National Catholic Educational Association
- Association of Urban Universities
- Association of Governing Boards of Universities and Colleges
- American Association of University Women
- American Society for Engineering Education
- Middle Atlantic Association of Colleges of Business Administration
- Association of Continuing Higher Education
- National Association of College and University Summer Sessions
- American Association of Colleges for Teacher Education
- College Entrance Examination Board
- National Commission for Cooperative Education

Manhattan College Facts:

Location: New York

Student Population: 3500 full-time

Student/Staff Ratio: 12:1

Students living on Campus: 80%

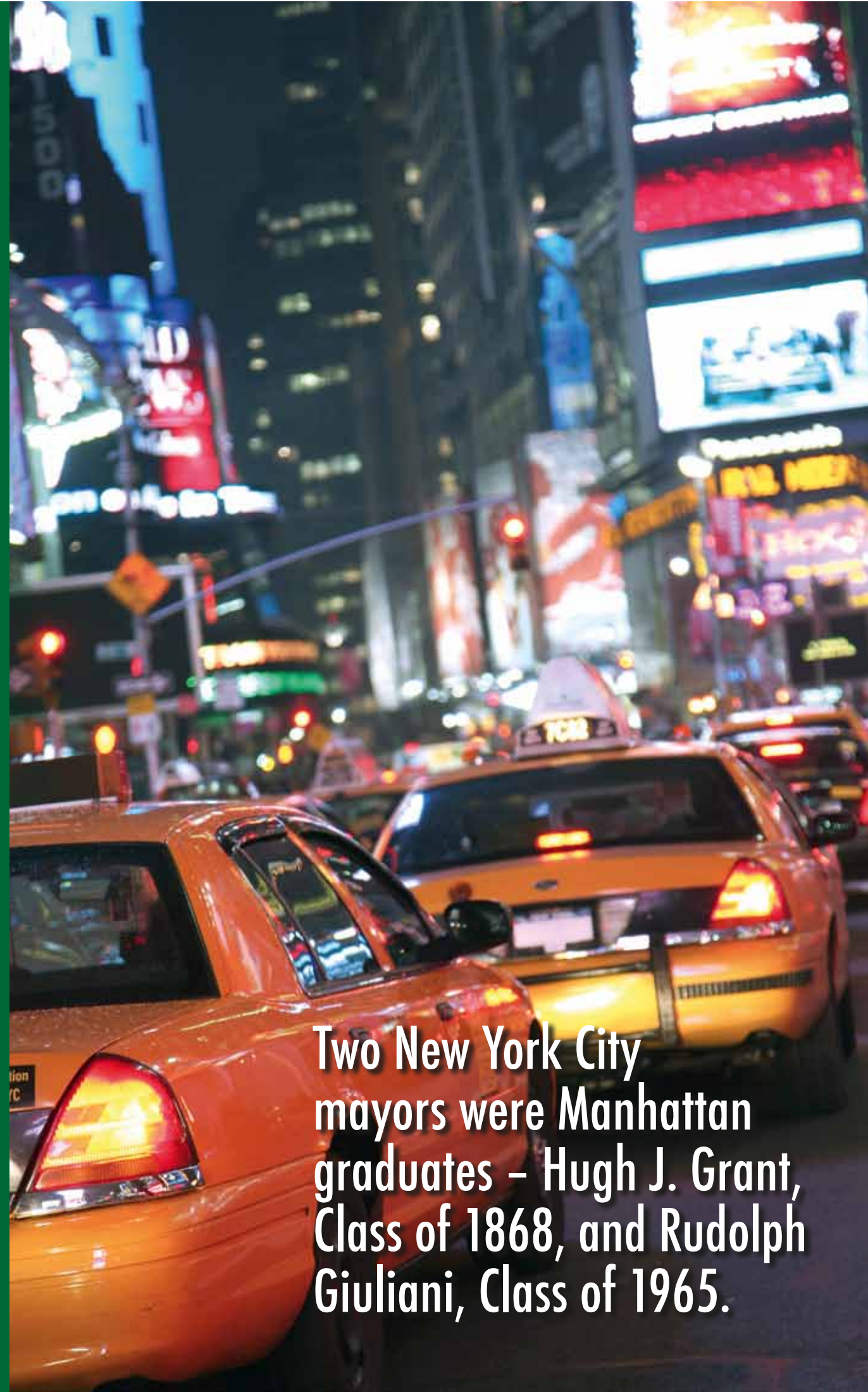
Majors offered: 40

Campus setting: Urban

Varsity Sports Offered: 19

Religious Affiliation: Roman Catholic

Nearest Airports: John F. Kennedy International Airport (JFK), LaGuardia (LGA), and Newark (EWR).



Two New York City mayors were Manhattan graduates – Hugh J. Grant, Class of 1868, and Rudolph Giuliani, Class of 1965.

Famous Alumni

ACADEMIA

- L. Jay Oliva** - 14th President of New York University
- Henry Petroski** - professor of civil engineering at Duke University
- James Vreeland** - associate professor of political science at Yale University

ARTS AND LITERATURE

- James Patterson** - New York Times best-selling author
- Robert Shea** - co-author of 'The Illuminatus! Trilogy'
- George A. Sheehan** - New York Times best-selling author

POLITICS AND PUBLIC LIFE

- Angelo D. Roncallo** - former member of U.S. House of Representatives
- Bernadette A. Toomey** - President and CEO American Lung Association

ENTERTAINMENT

- Frank Campanella** - TV/film actor
- Glenn Hughes** - singer and founding member of The Village People

LAW, GOVERNMENT AND PUBLIC POLICY

- Rudy Giuliani** - former Presidential Candidate and Mayor of NYC
- Raymond W. Kelly** - Commissioner of the NYC Police Department
- Phil Amicone** - Mayor of Yonkers, New York
- Anthony V. Cardona** - Presiding Justice, New York Supreme Court
- John J. Delaney** - former member of U.S. House of Representatives
- John M. Fahey** - President and CEO of the National Geographic Society
- John J. Fitzgerald** - former member of U.S. House of Representatives
- Arthur J. Lichte** - United States Air Force General and Commander of the Air Mobility Command
- Joseph Maguire** - Vice Admiral of the United States Navy

MATH AND SCIENCE

- Kevin Campbell** - Scientist, Director of Sen. Paul D. Wellstone Muscular Dystrophy Research Center
- Gary J. Foley** - Director of the U.S. Environmental Protection Agency National Exposure Research Laboratory

Campus Facilities

Library

The O'Malley Library is a six-storey structure. The library houses over 260,000 volumes, has over 100 networked computer stations, and is fully-wired. Comfortable seating and an Internet Café cater to students' extended hours of study. The building is also home to the new admissions office and the College archives where Manhattan's impressive history is preserved.

Computer Facilities

15 microcomputer laboratories are located on the Manhattan College campus in the Research and Learning Center, DeLaSalle Hall, and Miguel Hall as well as the 24-hour library and Internet Café. These laboratories serve all Schools of the College and support approximately 450 Intel based microcomputers running Microsoft Windows and Red Hat Linux as well as high performance CAD/CAM workstations. The library/technology center supports 40 systems in a library commons area, 30 in a lab accessible 24/7, a 40 seat multimedia classroom and an internet cafe.

The Writing Center

The Writing Center offers writing instruction to all members of the Manhattan College community. Assistance is available for writing assignments from any discipline as well as for any professional writing activities.



The International Study Center provides a dynamic environment where you'll study in an international community of motivated learners.

The International Study Center

Your Pathway to Degree Study

The International Study Center at Manhattan College opened in 2009 to provide a rigorous access route for students who fulfill all academic requirements for entry but do not yet have sufficient English language skills. During a semester of transition study, you will take introductory credit courses while also studying a full timetable of English for academic purposes, writing skills, communication skills and American Culture. These courses are designed to provide rapid and effective integration into Manhattan College life and prepare you for the rigors of full time academic study.

Located on campus, the International Study Center provides a dynamic environment where you'll study in an international community of motivated learners, while also getting to know American classmates in your credit classes and at social events on campus.

Location

Manhattan College is located in New York City. With everything the city has to offer only a 30 minute subway ride away.

While classroom study gives you the basics, the works of the great masters really come to life when you can visit them up close and personal at the Metropolitan Museum, the Guggenheim, the Museum of Modern Art and countless other galleries and museums that the city is home to.


What better way to appreciate music than by attending a live performance. It's only a half-hour away from our College to Carnegie Hall, the Metropolitan Opera, Lincoln Center, Madison Square Garden, and countless venues and clubs for rock concerts, sporting events and other great attractions.

The great and varied architecture that defines Manhattan's skyline offers endless possibilities for those who study engineering and architecture. Students from all over the world travel to the city to visit the buildings of such greats as I.M. Pei, Mies Van der Rohe, and Frank Lloyd Wright, and to view the magnificent art deco of Rockefeller Center and the elegant and unique structures of the Victorian and flatiron ages.

For civil engineering students, you can marvel at the work of the city's great builders past and present. John Roebling's renowned Brooklyn Bridge, Olmstead's Central Park, the highways, tunnels and bridges that were the legacy of master builder Robert Moses, and the entire city infrastructure all form the basis for first-hand learning experiences.

Science students have the opportunity to visit and learn from the top medical centers in the US, to the botanical gardens and zoological parks housed in the city, the natural history and science museums, and the new Rose Center for Earth and Space. Many of the world's leading pharmaceutical firms are located in New York City

New York City is the business capital of the world. For Business students, it is the premiere learning environment, the place where things are happening – from Madison Avenue to Wall Street.



The great and varied architecture that defines Manhattan's skyline offers endless possibilities for those who study engineering and architecture.



Your Questions Answered

How do I qualify for the ESL Transition Program?

Transition students must meet all the entry requirements for their course of study except the standard TOEFL requirement. To begin Transition, students need to reach the equivalent of TOEFL iBT 32. You do not need an official TOEFL score, but you will be tested on arrival to determine your level.

How many hours of study are there per week?

This will vary depending on how many credit classes you can take and your level of English, but you will be on a full timetable with approximately 18-26 academic hours of class time per week.

Can I use all the facilities on campus?

Yes! You will be a fully enrolled Manhattan College student, and have full access to all campus facilities including borrowing rights at the library, entry to student clubs and organizations and the ability to apply for a job on campus.

How long is the Transition Program?

You can test out of Transition as soon as you reach the equivalent of TOEFL iBT 79. Most students take one or two semesters to complete Transition.

Who runs the Transition Program?

The Transition Program is run and operated by Study Group, global experts in university preparation and international education.

What is included in the cost?

- English tuition
- Up to 2 university courses in phase 2
- Room and full-board accommodation for undergraduates
- Health insurance
- Transportation from JFK, LGA or EWR Airport upon arrival

Information and Advice

Our expert student enrollment advisors are available to help and advise you about any aspect of your application. You can contact them through the inquiry form at: www.manhattan.edu/isc.

ESL Transition: Your Pathway to Academic Success

The Manhattan College Transition Program provides a fast and focused route to regular university classes for international students whose English has not yet met the standard required by the College. It combines practical preparation with university credit classes.

English language classes are combined with up to eight credits of university classes to ensure full cultural and language assimilation into the Manhattan College environment. During the Transition Program you will be required to complete a combined total of 15 credits.

The ESL Transition Program

Opened in 2009, the on-campus International Study Center offers international students the ideal environment in which to develop their language and study skills in preparation for their degree classes. The Center is located at the heart of campus giving you the opportunity to integrate fully with College life.

Integrate into Campus Life

You will be fully enrolled at Manhattan College and have access to all facilities. You can also participate in campus events and extracurricular activities. You will be expected to communicate entirely in English, and such total immersion in the campus culture and environment will be invaluable for your future studies.

Personal Academic Monitoring

The Transition Program includes the creation and completion of an Individual Learning Plan (ILP). This provides you with weekly one-on-one counseling and progress reporting to ensure maximum success within the Program.

Building Vital Study Skills

The objective of this program is to equip you with everything you need to succeed on your chosen degree course. The Transition Program does more than just improve your English - you will also develop the practical skills needed to thrive at university, such as comprehension of academic texts, research methods, examination formats, time management, essay preparation and writing.

Assured Progression

Acceptance into the Transition Program is based on the academic qualifications for a Manhattan College degree course. Therefore, by enrolling on the Transition Program you know that you have satisfied the academic requirements for admission and have received the offer of a College place. You have access to the full choice of majors at Manhattan. Admission to the Program is every January, June and August.

Invaluable Academic Credits

Small class sizes mean your professors are able to monitor your progress carefully and know when you are ready for academic courses. As you develop, you accumulate academic credits while you are improving your English proficiency.

Fees and Scholarships for International Students

To find out more about the tuition cost for Manhattan College, contact us using the inquiry form at www.manhattan.edu/isc. If you are accepted onto the Transition Program, you will be eligible for a Study Group Student Scholarship. This gives you financial benefits including reduced fees throughout your College stay.

What your fees cover

A single fee includes all of the following:

- Application fees
- Orientation fees (if applicable)
- University admissions deposit
- Full time tuition
- Accommodation for undergraduates (on campus based on availability)
- Full meal plan for undergraduates
- Comprehensive accident/health insurance
- Transportation to campus from JFK, LGA or EWR Airports upon arrival
- Full-term monitoring by Study Group counselors
- 24-hour access to toll-free service lines.

Items not included: airfare, personal expenses, vacation travel and lodging and food expenses when the University is officially closed.

The English Transition Program

The English Transition Program is designed with one objective: to equip you with everything you need to succeed on your degree course. In the program you can build study skills vital to thrive at university, personalize your progress through Guided Independent Learning projects, and begin university credit classes as soon as you reach the equivalent of TOEFL iBT 61.

Phase I: English For Academic Purposes

Phase I is structured around improving intermediate level English skills through a variety of courses.

These courses are: Listening and Speaking, Reading and Vocabulary, Writing, Grammar, Individualized Lab, Study Skills and American Culture.

Student-centered classes have a variety of formats, including traditional teacher-led classes, conducting surveys outside the classroom, and interacting with the college community. The use of technology in the classroom is an important aspect of the curriculum.

Sample timetable

Monday	Tuesday	Wednesday	Thursday	Friday
9am to 10:30am Listening and Speaking	10am to 12pm Individualized Reading, Listening, Speaking and Writing Lab	9am to 10:30am Listening and Speaking	10am to 12pm Individualized Reading, Listening, Speaking and Writing Lab	10am to 12pm Individualized Reading, Listening, Speaking and Writing Lab
10:30am to 12pm Reading and Vocabulary 1		10:30am to 12pm Reading and Vocabulary 1		
2:30pm to 4pm American Culture	1:30pm to 2:30pm Academic Writing	2:30pm to 4pm American Culture	1:30pm to 2:30pm Academic Writing	1pm to 4pm Individualized Reading, Listening, Speaking and Writing Lab
4pm to 5pm Grammar	3pm to 4:30pm Study Skills	4pm to 5pm Grammar	3pm to 4:30pm Study Skills	

This is a sample timetable. Your lesson times and class content may vary depending on your level of English. Hours of study will be determined by your English language level and the number of credit classes you are enrolled in. Your schedule will be a full-time, 18-26 hours per week.



Phase II: English for Academic Purposes + credit classes

Phase II is designed to suitably prepare students for academic credit class study at a level of academic spoken and written fluency which is high-intermediate into advanced.

As you continue to refine your skills in listening, speaking, reading and writing as well as other English language courses, you will also complete an academic English portfolio and give a formal capstone presentation about your studies. The capstone presentation is designed to build a varied, comprehensive look

at English language pieces, including journal entries, novel reviews, organized lecture notes, various types of essays, and a research paper. You may also take 1-3 credit classes (up to 6 total credits) while you complete your studies in the English Transition Program. The number of credits you take will depend on your language ability and academic goals. Your academic advisors will help you tailor Phase II to best suit your needs and prepare you for academic success.

Sample timetable

Monday	Tuesday	Wednesday	Thursday	Friday
8:30am to 10:30am Listening and Speaking 2	University courses		University courses	8:30am to 10:30am Listening and Speaking 2
10am to 11am American Culture		10am to 11am American Culture		10am to 11am American Culture
11am to 12pm Reading and Vocabulary 2		11am to 12pm Reading and Vocabulary 2		11am to 12pm Reading and Vocabulary 2
1pm to 2:30pm Academic Writing and Grammar		1pm to 2:30pm Academic Writing and Grammar		1pm to 2:30pm Individualized Reading, Listening, Speaking and Writing Lab
2:30pm to 4pm Study Skills		2:30pm to 4pm Study Skills		
4pm to 5pm Individualized Reading, Listening, Speaking and Writing Lab		4pm to 5pm Individualized Reading, Listening, Speaking and Writing Lab		

This is a sample timetable. Times and subject matter may vary.

Degrees Granted

Arts

Communications	B.A.
Economics	B.A.
English	B.A.
Fine Arts	B.A.
French	B.A.
Government	B.A.
History	B.A.
International Studies	B.A.
Peace Studies	B.A.
Philosophy	B.A.
Psychology	B.A./B.S.
Religious Studies	B.A.
Sociology	B.A.
Spanish	B.A.
Urban Affairs	B.A.
General Studies	B.S.

Business

Accounting	B.S.
Computer Information Systems	B.S.
Economics	B.S.
Finance	B.S.
Management	B.S.
Marketing	B.S.
Education	B.A./B.S.

Engineering

Chemical Engineering	B.S.
Civil Engineering	B.S.
Computer Engineering	B.S.
Electrical Engineering	B.S.
Mechanical Engineering	B.S.

Science

Biochemistry	B.A.
Biology	B.A.
Chemistry	B.A.
Computer Science	B.A.
Mathematics	B.A.
Physics	B.A.
Biochemistry	B.S.
Biology	B.S.
Chemistry	B.S.
Computer Science	B.S.
Mathematics	B.S.
Physics	B.S.



Undergraduate Programs

Your Manhattan College Undergraduate Degree Structure

Undergraduate degrees at Manhattan are taught over four years and earn you one of the following bachelor degrees depending upon the area you choose to study: Bachelor of Arts (BA) or Bachelor of Science (BS).

Your First Year

In your first year, as a Freshman, the focus is on introductory courses giving a solid grounding in a wide range of subjects. There is usually a required core curriculum which may include mathematics, science, English, history, logic and philosophy, but which also allows you to choose electives in subjects that interest you. This is also your chance to take introductory courses in what you hope will become your main discipline of study (known as your major). For example, you might take Economics as a Freshman if you wish to study a Business major.

Your Second Year

In your second, or Sophomore, year you will complete the core curriculum and advance in some subjects to the next tier. Those students who have decided on a major may begin taking prerequisite classes at this time. However, you are not required to formally declare a major until your junior year.

Your Third Year

In the third year, as a Junior, you will begin the advanced coursework for your major.

Your Fourth Year

In your fourth year, which is your Senior year, you will take your final exams and complete your Bachelor degree.

Academic Schools at Manhattan College

When you successfully complete the ESL Transition program, you move into full time degree study at Manhattan College. Depending on your major, you will be based in one of the following Academic Schools:

School of Business

(see page 16)

Undergraduate School of Engineering

(see page 18)

School of Science

The School of Science maintains its traditional ties with the School of Arts while striving to assure the continuation of Manhattan's tradition of excellence in science education. This tradition is reflected in the success of Manhattan's Science graduates and the position of Manhattan among a select number of colleges which are recognized as important sources of the nation's professional scientists. Undergraduate studies in the Sciences provide an almost unique opportunity to learn and develop problem-solving and analytical skills while gaining a deeper understanding and appreciation of physical laws and their applications. The choice of a Science major is based upon the individual's interests, educational and career goals, and abilities. Majors may be chosen from several areas: biology, biochemistry, chemistry, computer science, mathematics, and physics.

School of Arts

The School of Arts works with students in every area of Manhattan College to help them sharpen their skills of critical reading, critical writing and critical thinking.

The School of Arts offers fourteen majors in the humanities and social sciences, including three interdisciplinary majors in International Studies, Peace Studies, and Urban Studies.

Undergraduate School of Business

Manhattan College's School of Business is known for its strong academics and its networking opportunities. Students will learn how to perform in the business world. Armed with practical knowledge, students enhance their ability to reason, problem solve and sort through ethical challenges.

Key facts about the School of Business:

- Manhattan College is accredited by AACSB International, recognized as the premier accrediting agency for business programs around the world.
- Full time faculty teaches 90% of all courses.
- Most graduates have jobs by the day they graduate.

Business alumni

Sam Belnavis - NASCAR owner
Frank M. Folsom - former president of RCA Victor
Eugene R. McGrath - former chairman and CEO of Con Edison
Thomas J. Moran - president and CEO of Mutual of America Life Insurance Company
Frederic Salerno - corporate director of Viacom and former vice chairman of Verizon
Joseph M. Tucci - chairman, president and CEO of the EMC Corporation
Jay T. Pisco - Vice President of Birdsall Engineering



School of Business

Major Fields of Business Study

Accounting

Accounting concentrates on financial and operational communications for business and governmental units. The program prepares students for careers in public accounting, industrial or private accounting, governmental and institutional accounting, or for a general business career. Accounting education provides a sound basis for advancement to managerial positions and is a desirable background for other non-business professions, such as law.

Finance

The concentration in finance enables the student to examine the tasks and techniques of financial management within business and government units and to study the elaborate structure of financial institutions. The program stresses financial analysis and decision-making.

Global Business Studies

This program develops a thorough and rigorous global perspective and understanding of the international environment and markets. Such understanding is essential for any student who hopes to compete domestically and in the international arena. This field is interdisciplinary in nature and includes studies in economics, finance, marketing, management and government. Students who are interested in pursuing careers in the international phase of business or government may pursue it only as a second major. Proficiency in a foreign language is strongly recommended.

Computer Information Systems

This area of concentration enables a student to determine the informational needs of an organization and identify the patterns of information flow which satisfy those needs. The program includes studies in computer hardware and software, programming, computer decision systems, file and communication systems, operations analysis and simulation, management information systems, and the analysis and design of information systems. The CIS major will find excellent career opportunities in systems analysis and management information systems. By combining CIS with such functional areas as accounting, finance, marketing, or management, the CIS graduate will be able to participate more effectively in system development.

Management

Programs which include a concentration in management foster an understanding of the role of management in today's global organizations. The program examines various theories of management; explains the skills and activities used by management in fulfilling managerial functions; explores the possibility of instituting new techniques in management and seeks to arouse interest in management as a growing field. The major emphasis is on behavioral aspects of organizations and administrative actions, in both business and non-commercial organizations.

Economics

This business economics program is designed for those students whose primary interest is oriented towards an examination of economic relationships, and would benefit those seeking a broad global economic background for government, industry, or law.

Marketing

This field of study encompasses those functions involved in determining consumer needs and wants, developing products and services, and communicating with and delivering these goods to the consumer. The program emphasizes a managerial approach, is globally oriented and aimed at the development of marketing managers.

Undergraduate School of Engineering

Manhattan College is one of the best engineering schools in the country and is ranked nationally in the top 20 for this discipline. The curriculum instills the techniques and skills of engineering design through the study of basic and advanced engineering science. When a student earns a Manhattan College engineering degree, they are prepared to enter the world of professional practice and to continue their studies through the pursuit of a graduate education.

Engineering Education

The foundation of the engineering curriculum includes:

- Study of science representing the current state of human knowledge of the physical world and its behavior
- Study of mathematics, the language and tool that engineers use to describe the physical world
- Study in the humanities and social sciences, the basis for making ethical and moral engineering decisions
- Development of the ability for independent learning and critical thinking
- Development of skills in written, verbal, and graphical communication.

In an age of advances in science and technology, continual re-examination of trends in engineering education becomes imperative. Accordingly Manhattan's engineering faculty, in consultation with a distinguished group of engineers and industrial leaders assembled from engineering related organizations and the Manhattan College Council on Engineering Affairs, study and evaluate the concepts of engineering education and the College's program. These studies re-emphasize the importance of humanities, mathematics and sciences as the foundation of engineering education. The engineering curriculum is, therefore, planned to provide the sound and broad education required in important branches of engineering.

The Major

Although significant specialization is postponed until after the bachelors degree, basic programs in Chemical, Civil, Computer, Electrical, or Mechanical Engineering are offered as a major, comprising about one half of each curriculum. Each student is able to concentrate on one aspect of the engineering discipline in greater depth and to develop proficiency in engineering design.

Accreditation

The programs in Chemical Engineering, Civil Engineering, Computer Engineering, Electrical Engineering, and Mechanical Engineering are accredited at the basic level by the Engineering Accreditation Commission of the Accreditation Board of Engineering and Technology.

The Five Engineering Disciplines

Chemical Engineering

Combining mathematics and advanced chemistry with engineering principles, a chemical engineer's training can lead to careers in design and construction, computer simulation, specialty chemicals, industrial gases, food processing, petroleum, polymers, pollution prevention, pharmaceuticals, biotechnology or pulp and paper industries.

Civil Engineering

These engineering sciences form the rational framework for analyzing a wide variety of applications involving environmental, geotechnical, structural, and transportation and water resources problems. Civil engineers are involved in both the design and construction of facilities that affect all aspects of human life.

Computer Engineering

There is an ongoing demand for engineers who can build complex systems which integrate computer hardware and software. Combining the core courses in electrical engineering and computer science, the computer engineering curriculum prepares students for this challenging new field.

School of Engineering

Electrical Engineering

Ranges from design of solid state devices and increasingly complex microcircuits to communication systems of large scale power generating equipment and plants to meet society's accelerating demand for clean energy. The fundamental principles of information processing and control inherent in an electrical engineer's background find applications in such diverse areas as industry and medicine.

Mechanical Engineering

Students will become technically competent in mechanical engineering knowledge and skills, have an ability to understand and apply knowledge of mathematics, science and engineering. Students will be able to interpret data, and design systems and components. The curriculum includes thermal/fluids/energy, and solid mechanics/machine design/manufacturing.



The School of Engineering is Manhattan College's best-known program.

Graduate School of Engineering

The Graduate School of Engineering builds upon the fine reputation established in its undergraduate engineering programs. Its excellent faculty is renowned for its scholarship, its courses cover every facet of the engineering disciplines, and its alumni have accomplished outstanding things in their professional lives. Advanced degree programs are offered in chemical, civil, environmental, and electrical, computer and mechanical engineering.

For students whose academic qualifications have gained them entry onto one of these graduate Engineering degrees, but whose English level is not yet proficient, we offer a Graduate English Transition Program. Following the same core content format as the Undergraduate program, the Pre-Master's elective classes will concentrate on the specific English language and study skills you need at Master's level.

Master of Science in Chemical Engineering

Acquire an advanced degree in chemical engineering with an emphasis on practice-oriented knowledge on analysis and design.

Objectives of the Program:

- Cover the basic fundamentals and principles of chemical engineering
- Cover advanced topics such as separation techniques, pollution prevention, economic analysis and analysis and design
- Provide opportunities to conduct fundamental or applied research

Entry Requirements:

- Bachelor degree in chemical engineering accredited by Accreditation Board of Engineering and Technology (ABET) or equivalent.
- Or, a Bachelor degree in another area of engineering, chemistry or biology.
- Minimum GPA of 3.00

Master of Science in Civil Engineering

Intended for practicing civil engineers, as well as those who wish to pursue doctoral studies, programs of study include structural analysis, geotechnical engineering, and a combination of both areas.

Objectives of the Program:

- Cover advanced topics related to the structural and geotechnical engineering areas of civil engineering
- Provide a practice-based knowledge founded on application of advanced techniques in analysis and design

Entry Requirements:

- Bachelor degree in Civil Engineering accredited by Accreditation Board of Engineering and Technology (ABET) or equivalent.
- Minimum GPA of 3.00

Master of Science in Electrical Engineering and Computer Engineering

Covers electrical and computer engineering fundamentals, particularly practical applications, preparing you for advanced level positions and for admission to doctoral programs.

Objectives of the Program:

- Instill skills in practical applications, contemporary industrial needs and emerging technologies
- Provide a foundation for increasing professional responsibilities or continued study at the doctoral level

Entry Requirements:

- Bachelor degree in electrical engineering or computer engineering accredited by ABET or equivalent.
- Or, a Bachelor degree in another area of engineering, physics or mathematics.

Master of Science in Environmental Engineering

Concentrations in process engineering, water quality modeling, geoenvironmental engineering or environmental project management. Graduates will enhance the engineering profession through continuous self-improvement.

Objectives of the Program:

- Provides skills for leadership through service in private and public agencies, and in research and academic institutions
- Works toward engineering a sustainable environment for the world
- Cover ethical practices

Entry Requirements:

- Bachelor degree in engineering accredited by ABET or equivalent.
- Or, a Bachelor degree in Engineering or Science.
- Applicants must present adequate preparation in two courses in chemistry, one course in physics, three courses in calculus, differential equations, one course in computer applications, fluid mechanics, and principles of environmental engineering.
- Minimum GPA of 3.00 for these courses

Master of Science in Mechanical Engineering

A contemporary, person-centered experience characterized by high academic standards, values and principles, and preparation for a lifelong career. Prepares individuals for advanced technical positions or for admission to doctoral programs.

Objectives of the Program:

- Cover theories associated with advanced mechanical engineering topics with an emphasis on the areas of HVAC, computer aided engineering, and thermal/fluid systems
- Cover practices and operations associated with working in industry so that graduates can function effectively and efficiently in the high technology industrial environment

Entry Requirements:

- Bachelor degree in mechanical engineering accredited by ABET or equivalent.
- Or, a Bachelor degree in another area of engineering, physics, or mathematics.

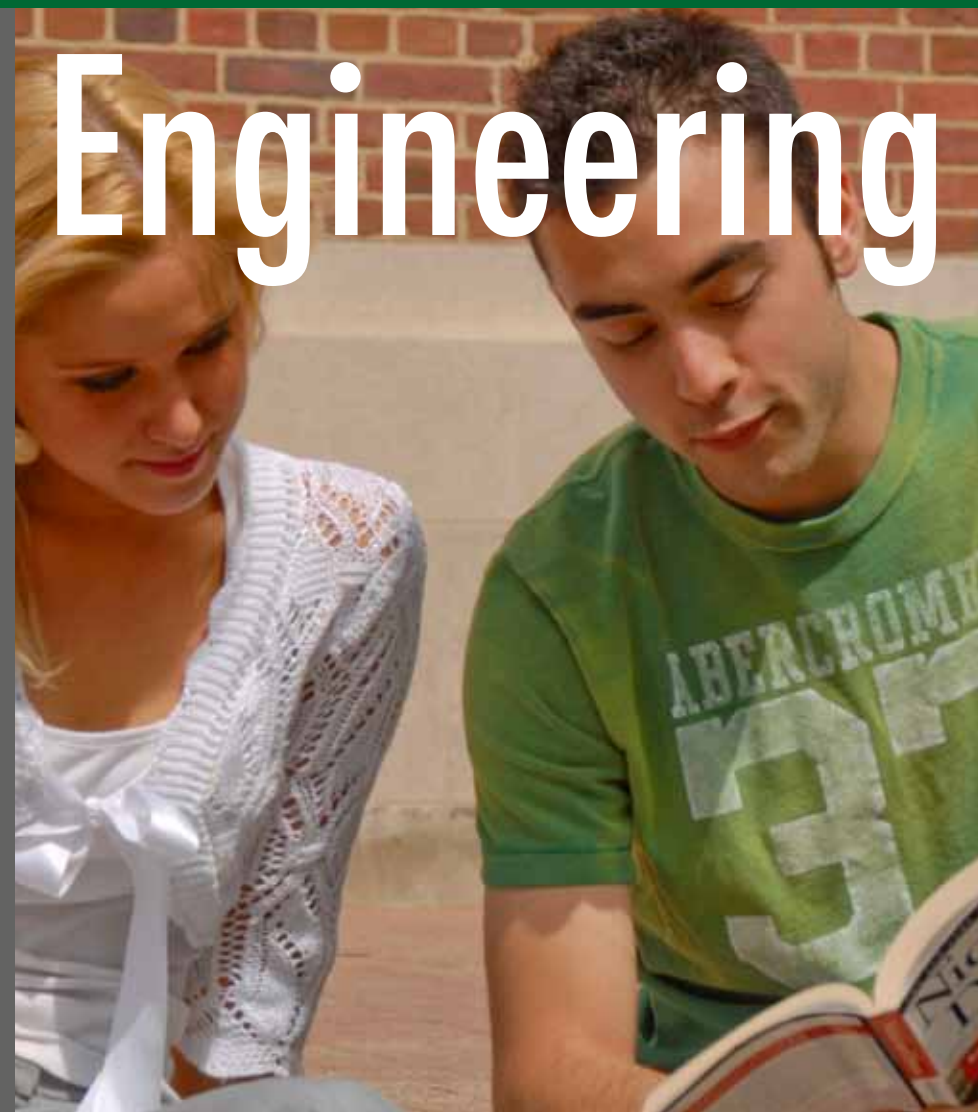
Graduate School of Engineering



Faculty Honors & Recognitions

Gordon Silverman was named to serve on the Technology Committee on Biomedical Engineering for the International Association of Science and Technology for Development, 2001- 2004.

John Jeris was awarded the Gordon Maskew Fair Award by the Water Environment Federation, October 2001. Award recognizes teachers for exceptional training and development of future engineers.



On Campus Facilities

Manhattan College is built on a hill overlooking the Van Cortlandt Park. The area offers the calm and quiet of a residential, suburban setting right within the busy City of New York. Manhattan College is brimming with activity and has something to offer everyone. Music, art, theatre, athletics, visiting artists and many student-led activities that are offered daily.

Life on campus

Manhattan College is committed to providing an enjoyable and fulfilling student life that includes well equipped and comfortable living quarters, a state-of-the-art 24 hour study center, and extracurricular activities to ensure that life on campus is rich, comfortable and supportive.

Accommodation facilities

Manhattan College offers five uniquely different residence halls to accommodate any living style. Closet or locker space is also provided.

Dining Facilities

Manhattan College Dining Services team is committed to providing fresh, delicious and nutritious meals that reflect current culinary trends and cuisine from around the world. Dining is an important part of the living and social fabric at Manhattan College. The food you enjoy on campus provides opportunities to connect with friends, stay healthy, boost your energy, and unwind after long days of study.

Health Services

Health Services provides urgent care for common minor illnesses and injuries. For serious or prolonged illness, students are referred to a local hospital or private physician.

Campus Security

The Security Department is charged with the responsibility of enforcing all College security regulations. There are 36 officers who conduct foot and vehicle patrols on the campus areas 24 hours a day.

Student Clubs and Organizations

The focal point of the campus is the Quad. The Quad hosts concerts, movies and events throughout the school year.

Manhattan College has many clubs and organizations for students to become involved in. Social clubs, performing arts, sports, communications, cultural and special interest groups include karate, Asian Cultural Society, International Student Association, college radio station, Electronics Club, Games Club, and Engineers without Borders

Athletics

Manhattan College is home to 19 Division-I athletic teams for men and women, including basketball, soccer, baseball and softball, tennis, lacrosse and volleyball. Historically track-and-field has been the school's strongest sport.

Draddy Gymnasium is the home of the basketball and volleyball teams, and also features the largest indoor track in New York City. Gaelic Park has recently been renovated with an artificial turf and is where soccer, lacrosse, and softball teams play. The college also heavily utilizes adjacent Van Cortlandt Park for baseball, outdoor track and field, golf, and cross country. Alumni Hall is the home of the college's workout facilities.

Manhattan College's early athletes became known as Jaspers, so-named after the baseball coach during the 1880's. Ever since, Manhattan's athletes have been known as Jaspers and through the years many have achieved renown as Olympic athletes, NCAA-champions and legendary record winning teams.

Career Development Center

As a student at Manhattan College you have the opportunity to develop your career while you study. The Career Development Center helps students identify and clarify their career objectives and learn effective methods to implement them.

Services include (but are not limited to):

- Individual Career Counseling
- Group Workshops in the areas of career exploration, resume writing
- Interviewing skills and job search techniques
- Assistance in seeking full-time, part-time and summer jobs
- Career Development Steps
- Campus Recruiting Program for graduating students
- Graduate School Advisement
- Credentials File Service to support application to graduate and professional schools
- Career Resource Room for research of companies and career areas
- Internship and Co-op Program
- The Perfect Interview Webcam
- Resume Referral
- Career Fair information
- Mentor Program



The residence hall system includes 5 major residences:

Horan Hall and East Hill Residence

Horan Hall is the largest residence hall with 11 floors, and East Hill is the newest residence hall with 9 floors. Both have suite-style accommodations, most being two double-occupancy, single-gender rooms that share bathroom facilities. Both halls have individual, room-controlled air conditioning. Each floor has a common TV lounge, kitchen, and a coin-operated laundry room. Each hall also includes recreational lounges and vending machines.

Jasper – Traditional Community Living

Jasper Hall is a co-ed residence hall. The floors are single sex and have common area bathrooms and shower facilities. Each room has individualized air conditioning units. There is a kitchen on the main floor, laundry facilities, and two lounges, including a recreational lounge that has pool tables, a ping-pong table and vending machines. The main lounge has a wide-screen television and this is where residents gather together for programming events in the building.

Chrysostom – Freshman Experience

Chrysostom Hall is a co-ed double room residence hall for first year students with common bathroom areas and carpeted rooms. This hall has four lounge areas, three with cable TV, two with kitchen facilities, and a quiet study area. It also includes vending machines and laundry areas.

Overlook – Apartment Style Living

Overlook Hall is located approximately two blocks from the main entrance of the campus. It is a student apartment facility with apartments of various sizes housing between two and six residents. Many apartments have full kitchens and some have balconies. Floors house both men and women. The building contains vending machines in the lobby area and laundry facilities in the basement.

The Application Process

APPLY THROUGH YOUR LOCAL REPRESENTATIVE

Step One: Carefully review your plans with a local Study Group representative and complete the application form enclosed with this brochure.

Step Two: Send your application to us, including official transcript in English, financial statement, and TOEFL score (if available)*, plus \$500 deposit, which is refundable if your application is declined or visa denied.

Step Three: Study Group counselors will review your application and forward it to the University Admissions Department. Within approximately three weeks we will confirm your offer (conditional or unconditional). If your application is unsuccessful, we will review other options with you.

APPLY DIRECTLY

Step One: Simply fax your completed application form to +1 415 373 9374. Alternatively, you can apply by contacting a student Enrollment advisor through the following website: www.manhattan.edu/isc

Step Two: Send us your supporting documents: official school transcripts in English, financial statement, TOEFL/IELTS/GMAT/GRE score (if available), and a copy of your passport.

Step Three: Study Group counselors will review your application. Within approximately three weeks, we will inform you as to whether your application has been successful. A \$500 deposit (refundable if your visa is denied) must then be paid to confirm your acceptance of a place and release an immigration document.

UNDERGRADUATE ENTRY REQUIREMENTS

- Aged 17 or older.
- Non-American citizen with principal residence outside the USA.
- Successful completion of the equivalent of a US secondary education.
- Diploma or acceptable certification of graduation from secondary school in your home country.
- English language ability, equivalent to TOEFL iBT 32 (for ESL Transition) or TOEFL iBT 79 (for direct entry).
- Proven academic achievement befitting future university success (minimal 2.5 GPA).

GRADUATE ENTRY REQUIREMENTS

Graduate applicants also need:

- Completion of a bachelors degree program from an accredited university.
- Official transcripts for all colleges/universities attended.
- Two letters of recommendation.
- Specific requirements for individual courses will apply (see pages 20-21).
- English ability equivalent to TOEFL iBT 32 (for ESL Transition or TOEFL iBT 79 (for direct entry).
- Personal statement



Our Mission

The mission of Manhattan College is to provide a contemporary, person-centered educational experience characterized by high academic standards, reflection on faith, values and ethics, and life-long career preparation. This is achieved in two ways: by offering students programs which integrate a broad liberal education with concentration in specific disciplines in the arts and sciences or with professional preparation in business, education and engineering; and by nurturing a caring, pluralistic campus community.

Manhattan College encourages all members of the college community to be mindful of our belief that every person is sacred. This belief should be reflected in the use of language in all written and oral communication by members of the college community so as not to offend or degrade any person or to perpetuate any stereotypes due to age, gender, mental or physical ability, religion, race, sexual orientation, social class or any other identification by group.

Notice of nondiscrimination

Manhattan College values diversity and seeks talented students, faculty and staff from diverse backgrounds. The College does not discriminate on the basis of race, color, sex, sexual orientation, gender identity, religion, national or ethnic origin, age, disability or status as a disabled or Vietnam Era veteran in the administration of its educational policies, programs, or activities, admissions policies and procedures, scholarship and loan programs, employment, recreational, athletic or other College administered programs.



BUILDINGS & GROUNDS

- Alumni Hall (7)
- Christian Brothers Center (9)
- De La Salle Hall (2)
- Draddy Gymnasium (8)
- Facilities & Maintenance (18)
- Gaelic Park (17)
- Hayden Hall (14)
- Leo Hall (19)
- Memorial Hall (1)
- Miguel Hall (3)
- O'Malley Library (13)
- Quigley House (16)
- Research & Learning Center (20)
- Smith Auditorium (4)
- Thomas Hall (12)

PARKING FACILITIES

- Broadway Parking Garage (P5)
- Draddy Gym Parking (P4)
- Jasper Hall Parking (P3)
- Leo Hall Parking (P9)
- Lower Forecourt (P2)
- Research & Learning Parking (P10)
- Upper Forecourt (P1)
- Waldo Parking (P6)
- West 238th Street Parking (P8)
- West 240th Street Parking (P7)

RESIDENCE HALLS

- Chrysostom Hall (6)
- East Hill Hall (11)
- Horan Hall (10)
- Jasper Hall (5)
- Overlook Manor (15)

MANHATTAN

C O L L E G E

Fantastic New York City location

Beautiful, historic campus

Top tier ranking

Excellent graduation rates

Nationally renowned graduate school

www.manhattan.edu/isc

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The Manhattan College English Transition Program is run and operated by Study Group, global experts in university preparation and international education.

